



## CITY COUNCIL MEETING MINUTES

Vancouver City Hall | Council Chambers | 415 W. 6th St.  
PO Box 1995 | Vancouver, WA 98668-1995  
[www.cityofvancouver.us](http://www.cityofvancouver.us)

Anne McEnery-Ogle, Mayor

Bart Hansen • Ty Stober • Erik Paulsen • Sarah J. Fox • Diana H. Perez • Kim D. Harless

## April 11, 2022

### WORKSHOPS

Vancouver City Hall - Council Chambers - 415 W 6th Street, Vancouver WA

*Workshops were conducted in person in the Council Chambers of City Hall. Members of the public were invited to view the meeting in person, via the live broadcast on [www.cvtv.org](http://www.cvtv.org) and CVTV cable channels 23 or HD 323, or on the City's Facebook page, or [www.facebook.com/VancouverUS](http://www.facebook.com/VancouverUS).*

*View the CVTV video recording, including presentations and discussion, for workshops at:*

[https://www.cvtv.org/vid\\_link/34545?startStreamAt=0&stopStreamAt=4355](https://www.cvtv.org/vid_link/34545?startStreamAt=0&stopStreamAt=4355)

### **5:00-5:30 p.m. Free Fridge Program - Development Code Issue**

*Chad Eiken, Community Development Director, 360-487-7882*

#### **Summary**

Staff led Council through a discussion of the issues and restrictions of the Free Fridge Program Code Update overview.

### **5:30-6:00 p.m. Potential Changes to the VMC 7.05.010, VMC 7.04 and VMC 2.46.020**

*Nena Cook, Chief Assistant City Attorney, 360-487-8500*

**Summary**

Staff led Council through a discussion concerning disturbances, protests at homes, and threats arising from a person's service to the City during the Potential changes to VMC 7.05.010, VMC 7.04 and VMC 2.46.020 overview.

**COUNCIL DINNER/ADMINISTRATIVE UPDATES**

**COUNCIL CONSENT AGENDA MEETING**

*This meeting was conducted as a hybrid meeting with in person and remote viewing and participation over video conference utilizing a GoToMeeting platform. Members of the public were invited to view the meeting in person, via the live broadcast on [www.cvtv.org](http://www.cvtv.org) and CVTV cable channels 23 or HD 323, or on the City's Facebook page, [www.facebook.com/VancouverUS](http://www.facebook.com/VancouverUS). Public access and testimony on Consent Agenda items and under the Community Forum were also facilitated in person and via the GoToMeeting conference call.*

*View the CVTV video recording, including presentations and discussion, for this meeting at:*

*[https://www.cvtv.org/vid\\_link/34547?startStreamAt=0&stopStreamAt=1565](https://www.cvtv.org/vid_link/34547?startStreamAt=0&stopStreamAt=1565)*

**Pledge of Allegiance**

**Call to Order and Roll Call**

The regular meeting of the Vancouver City Council was called to order at 6:30 p.m. by Councilmember Hansen. This meeting was conducted as a hybrid meeting, including both in person and remotely over video conference.

**Present:** Councilmembers Harless, Perez, Fox, Hansen

**Absent:** Councilmembers Paulsen, Stober, Mayor McEnerny-Ogle

**Councilmember Perez motioned to excuse Councilmember Paulsen, Stober, and Mayor McEnerny-Ogle from the Council meeting, seconded by Councilmember Harless, and carried unanimously to approve the absences.**

## Community Communication (1-8)

Councilmember Hansen opened Community Communication and received the following testimony:

- Kimberlee Elbon, La Center, Washington, stated they were looking into legal avenues to stop the Council from passing items, because they are in the ICLEI.

There being no further testimony, Councilmember Hansen closed Community Communication.

## Consent Agenda (Items 1-8)

Council requested Items 6 and 7 be pulled for discussion.

On Item 6, Councilmember Fox asked staff for clarification on the grant for the Lower Grand Industrial Area Retrofits project and for a final cost on the project. Mr. Aaron Rice, Civil Engineer, stated the grant was from the Department of Ecology, which covered 75% of the project. The construction cost is \$821,000 and the design is \$130,000, with the City paying roughly \$700,000 for what is not covered by the grant, which also included street lights and a water main replacement that is not grant eligible.

For Item 7, Councilmember Harless asked for clarity on why the staff report stated that the matching grant was for \$280,000, but also stated in amounts to not exceed \$350,000 and how funds would be reconciled. Mr. Dave Perlick, Recreation Services Manager, stated that the initial identified estimate for the project was \$280,000, but the project was bigger than first estimated and staff wants to take advantage of the 2 to 1 match that the grant provides. It would require appropriated additional funds for the project, because the \$350, 000 estimate represents the project better. Additional funds will be allocated to the Historic Trust and staff will make adjustments to the upcoming projects to make sure they fully meet the match requirements to better protect the Howard House project.

**Motion by Councilmember Fox, seconded by Councilmember Harless, and carried unanimously to approve the Consent Agenda.**

1. **Approval of an extension and increase to an existing contract with Western Equipment Distributors; WA State Contract #05218**

Staff Report: 045-22

*The City uses State of Washington contract #05218 for purchasing of equipment and repair parts for lawn and grounds mowing. This contract awarded to Western Equipment Distributors includes many of the City's uniform unit platforms. In keeping with Fleet Service's effort to streamline*

*the City's fleet, staff is requesting the ability to purchase from this contract and take advantage of the competitive contract pricing negotiated by the State of Washington.*

Request: Authorize the City Manager or his designee to approve purchases under Washington State Contract #05218 for the life of the contact with Western Equipment Distributors, up to \$1,000,000.

*Dan Zenger, Equipment Services Manager, 360-487-8205*

**Motion approved the request.**

**2. Approval of an increase to an existing contract with KBT Distributing; WA State Contract #08721**

Staff Report: 046-22

*The City uses State of Washington contract #08721 for purchasing regular and alternative blends of unleaded fuel. This fuel is used to power the City's fleet and other emergency equipment. In keeping with Fleet Service's effort to protect itself from fluctuating fuel prices, staff is requesting the ability to purchase from this contract and take advantage of the contract pricing.*

Request: Authorize the City Manager or his designee to approve purchases under Washington State Contract #08721 for the life of the contact with KBT Distributing, up to the current authorized budget.  
Authorize an increase to the maximum authorized amount under the Washington State Contract #08721 to \$15,000,000 with KBT Distributing.

*Dan Zenger, Equipment Services Manager, 360-487-8205*

**Motion approved the request.**

**3. Approval of increasing the threshold of an existing contract with Wapiti NW; C-100032**

Staff Report: 047-22

*Fleet Services uses Contract C-100032 to cover any equipment repairs that would otherwise be delayed due to the shop's workload. Equipment availability is one of Fleet Services key performance indicators, so staff is requesting an increase to the current contract threshold and taking advantage of the resources it offers.*

Request: Authorize the City Manager or his designee to execute an amendment to the City of Vancouver's Contract C-100032 increasing the not-to-exceed amount to a maximum of \$1,000,000 over the life of the contact with Wapiti NW.



*Dan Zenger, Equipment Services Manager, 360-487-8205*

**Motion approved the request.**

**4. 2021 Joint Agency Road Preservation Project (#072821), per Clark County Bid PRJ0000974, Contract Amendment for street preservation (#072822)**

Staff Report: 048-22

*On March 16, 2021, the City received bids for the 2021 Joint Agency Road Preservation Project, which was awarded to Doolittle Construction, LLC, of Bellevue, WA with the City of Vancouver's portion of the work being approved for \$1,367,486.00. As part of the bid, the contractor executed a separate contract with each agency. In addition, the participating agencies reserved the right to extend the contract for two (2) one (1) year periods with the same terms and conditions and the option to review unit prices for adjustment due to inflation and the amount of work.*

*At the end of 2021, the City and County met to discuss a contract extension with Doolittle Construction, LLC, for 2022 and decided that it was in the City's best interests to do so. Street lists and 2022 work quantities were sent to Doolittle Construction, LLC, and the proposed 2022 pricing was agreed upon for the unit bid items. The overall adjusted price increase was approximately 48% from last year's prices. Most of the price increase is due to increased oil and striping costs. Increased oil cost affects both product costs, since oil is a primary component of the product and fuel cost to construct the project, such as trucking and running equipment. Striping costs have also risen significantly because of inflation for labor, paint, and fueling. Other factors that contributed to the price increase include inflation for labor, lodging, and aggregates.*

*There is a minimum apprenticeship goal of 4% of the utilized labor hours for this project. Doolittle Construction, LLC, of Bellevue, WA has submitted an Apprenticeship Utilization Plan to meet or exceed this goal by using approximately 860 hours of apprentice time of the estimating a total of 6,819 applicable labor hours for the project.*

Request: On April 11, 2022, authorize the City Manager or designee to execute an amendment to the Doolittle Construction, LLC, Bellevue, WA construction contract for the 2021 Joint Agency Road Preservation Contract Amendment for street preservation project for one (1) additional year for their adjusted bid price of \$2,793,168.39 for a total contract amount of \$4,160,654.39, which includes Washington State sales tax.

*Chris Sneider, Senior Civil Engineer, 360-487-8239*

**Motion approved the request.**

5. **Bid Award for the 2022 Pavement Repairs (072822), per Bid #22-20**

Staff Report: 049-22

*The 2022 Pavement Repairs Project is being constructed as part of the pavement management program. This project involves repairing failed pavement on streets that will receive a preservation treatment in 2022. Preservation treatments include microsurfacing, slurry sealing, chip sealing, and cape sealing. Most of the pavement on the streets selected for preservation is in fair condition and is ready for a preservation treatment. However, areas of failed pavement need to be repaired before a preservation treatment may be placed on them. This is work that has been done every year to prepare the streets for preservation.*

*This project also includes streets that are not receiving a preservation treatment this year. Poor pavement condition on selected streets is leading to excessive maintenance costs for city crews to do ongoing repairs such as filling potholes and ruts on those streets. It will be more cost effective to do pavement repairs than to continue doing maintenance repairs on them.*

*The attached vicinity map shows where streets will receive pavement repairs. Corridors include St Helens Ave, NE 164th Ave, SE 155th Ave/SE Countryside Dr., NE/SE 136th Ave, SE 15th St, SE 20th St, SE 176th Ave, SE 192nd Ave, SE Chkalov Dr., and various streets in the Parkside and Village at Fisher's Landing Neighborhood Associations.*

*On March 16, 2021 the City received four bids for the subject project. The bids ranged from \$1,345,460.00 to \$1,864,980.00 dollars. The low bidder was responsive. The bids are as follows:*

| <b>SUMMARY OF BIDS</b>                  |                 |
|-----------------------------------------|-----------------|
| <b>BIDDER</b>                           | <b>AMOUNT</b>   |
| Granite Construction Co., Vancouver, WA | \$ 1,345,460.00 |
| Lakeside Industries, Vancouver, WA      | \$ 1,476,925.00 |
| Central Paving LLC, Ellensburg, WA      | \$ 1,528,380.00 |
| Brix Paving NW, Inc., Tualatin, OR      | \$ 1,864,980.00 |
| Engineers' Estimate                     | \$ 1,400,000.00 |

*There is a minimum apprenticeship goal of 3% of the utilized labor hours for this project. Granite Construction Co. of Vancouver, Washington has submitted an Apprenticeship Utilization Plan to meet or exceed this goal by using approximately 150 hours of apprentice time of the estimating a total of 4,205 applicable labor hours for the project.*

Request: On April 11, 2022, award a construction contract for the 2022 Pavement Repairs Project to the lowest responsive and responsible bidder, Granite Construction Co., Vancouver, WA, Vancouver, Washington, at their bid price of \$1,345,460.00,

which includes Washington State sales tax, and authorize the City Manager or designee to execute the same.

*Chris Sneider, Senior Civil Engineer, 360-487-8239*

**Motion approved the request.**

**6. Bid Award - Lower Grand Industrial Area Retrofits**

Staff Report: 050-22

*This project will retrofit stormwater treatment in the existing City of Vancouver Right-of-Way within the Lower Grand Industrial Area, using pervious concrete pavement as the treatment and roadway surface. Existing non-compliant and non-maintainable stormwater systems will be abandoned, and new overflows will be constructed to reduce flooding within the overall basin. This will reduce service calls and limit potential flooding claims in an area with high groundwater. In addition, a pedestrian sidewalk connection and updated street lighting will be incorporated to provide higher safety and level of service within the area. This project is the result of the Lower Grand Subarea Plan, which identified the need for infrastructure improvements in order to support redevelopment within the area.*

*On March 8, 2022, the City received 3 bids for the subject project. The bids ranged between \$1,579,803 and \$1,727,206. The bids are as follows:*

| <b>SUMMARY OF BIDS</b>                                   |                       |
|----------------------------------------------------------|-----------------------|
| <b>BIDDER</b>                                            | <b>AMOUNT</b>         |
| <i>Western United Civil Group, LLC, Yacolt, WA</i>       | <i>\$1,579,803.22</i> |
| <i>Clark and Sons Excavating, Inc, Battle Ground, WA</i> | <i>\$1,676,914.18</i> |
| <i>Advances Excavating Specialists, LLC, Kelso, WA</i>   | <i>\$1,727,206.38</i> |
| <i>Engineers' Estimate</i>                               | <i>\$1,700,000.00</i> |

*This project is partially funded by a grant from the Washington Department of Ecology, through the Stormwater Financial Assistance Program. This program provides up to 75% of approved constructed costs for retrofits to enhance stormwater treatment. Total approved grant funds for construction of this project are \$818,206.00. Utilizing these approved grant funds to retrofit the existing roadway is a cost savings to the City of Vancouver.*

*Western United Civil Group, LLC acknowledges the City's requirement for Apprenticeship Utilization on this project and is anticipating meeting the 3% goal.*

Request: On April 11, 2022 award a contract for the Lower Grand Industrial Area Retrofits project to the lowest responsive and responsible bidder, Western United Civil Group, LLC, of Yacolt, WA at their bid price of \$1,579,803.22, which includes Washington State sales tax where applicable.

*Aron Rice, Civil Engineer, 360-487-7170*

**Motion approved the request.**

**7. Washington State Historical Society Grant for Howard House Roof**

Staff Report: 051-22

**A RESOLUTION** authorizing the City of Vancouver to apply for a Heritage Capital Projects grant from the Washington State Historical Society to fund the replacement of the Grant House roof on Officers Row; providing for severability and an effective date.

*Since 2012 the City and The Historic Trust have completed replacement of almost all the roofs of the houses on Officers Row with the exception of Building 1, Building 2, the Grant House and the Howard House. The City and the Historic Trust were successful in securing the Washington State Historical Society (WSHS) grant to partially fund the replacement of the roof on the Grant House. That work is anticipated to take place over the next 12 months. All of the roof replacements were funded in part through grants from the Washington State Historical Society (WSHS).*

*The City and Trust would like to apply for a 2023-2025 WSHS grant for \$175,000 to replace the roof on the Howard House. The grant process starts with a Letter of Intent (LOI) rather than the full grant application. The LOI requires a resolution indicating the City Council's approval of the project and authorization to apply for the grant. This project will complete all of the roof replacements on Officers Row. Roof replacements will assist in continuing to preserve these historic structures. All of the buildings on Officers Row are fully occupied with a mix of residential, commercial and public uses.*

Request: On April 11, 2022, adopt a resolution supporting the City applying for a 2023-2025 Heritage Capital Projects grant from Washington State Historical Society for replacement of the roof on the Howard House.

*David Perlick, Recreation Services Manager, 360-487-8314*

**Motion approved the request.**

**8. Approval of Claim Vouchers**

Request: Approve claim vouchers for April 11, 2022.

**Motion approved claim vouchers in the amount of \$5,105,509.28.**

## Community Forum

Councilmember Hansen opened the Community Forum and received the following testimony:

- Glen Yung, Vancouver, stated how important homeownership is and asked the Council to evaluate the housing code update and the multifamily tax exemptions.
- Cathryn Chudy, Vancouver, stated they appreciated the Planning Commission's discussion of the HQ Master Plan with the applicant and how they will contribute to Vancouver's climate action plan.
- Peter Fels, Vancouver, spoke about the housing code updates and the increase to density and affordable housing, but was concerned there would be an increase in division of housing types.
- Wynn Grcich, Vancouver, stated they were mad about woman in charge of Black Lives Matter and the Mayor for providing a proclamation for Black Lives Matter and issues of harmful chemicals.
- Laurel Pascual, Vancouver, stated they want the City to revoke their membership with the ICLEI and the harmful effects of chemical trails and vaccines.
- Kimberlee Elbon, La Center, Washington, spoke about the United Nations climate action plan and read from the book, United Nations Agenda 2030.

There being no further testimony, Councilmember Hansen closed the Community Forum.

## Adjournment

6:56 p.m.

DocuSigned by:  
*Anne McEnerny-Ogle*  
6C89D9069EC3424...  
Anne McEnerny-Ogle, Mayor

Attest:

DocuSigned by:  
*Natasha Ramras*  
BCF0734E40E94AE...  
Natasha Ramras, City Clerk

Meetings of the Vancouver City Council are electronically recorded on audio and videotapes. The audio tapes are kept on file in the office of the City Clerk for a period of six years.

**From:** [City Council](#)  
**To:** [Dollar, Sarah](#)  
**Subject:** FW: Community Forum testimony for April 11, 2022; Eliminate Single Family Zoning  
**Date:** Monday, April 11, 2022 12:04:51 PM

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Written comments for April 11 City Council meeting.

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**From:** Peter L. Fels <plfels@gmail.com>  
**Sent:** Sunday, April 10, 2022 3:39 PM  
**To:** City Council <council@cityofvancouver.us>  
**Subject:** Community Forum testimony for April 11, 2022; Eliminate Single Family Zoning

You don't often get email from [plfels@gmail.com](mailto:plfels@gmail.com). [Learn why this is important](#)

**CAUTION:** This email originated from outside of the City of Vancouver. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Mayor, Council Members and staff,

Thank you for the opportunity to testify tonight.

In a few weeks you will have before you proposed code changes to the housing code. I applaud the intention to increase housing density, especially near areas served by transit. It is obvious we still need to increase available housing options and affordability. These proposed changes are consistent with the City's goals to reduce climate impacts and improve equitable access to housing.

I am concerned that the proposed changes for very dense housing may move our city into even more increased division of housing types, segregating low income communities in certain areas while reserving long-standing single-family zones for higher income and privileged citizens.

The Planning Department has indicated it is putting off changes to the Single Family Residential (SFR) zones that were recommended by the 2016 Affordable Housing Task Force Report to "encourage housing diversity and affordability in residential zones while maintaining neighborhood character." While the current proposed changes allow for cluster/cottage housing and ADUs, duplexes up to 8-plexes are still not specifically allowed in SFR zones. This is despite the existence of duplexes and triplexes already in some of our historic SFR neighborhoods.

We are moving too slowly to change SFR zoning. A proposal in the state legislature to eliminate SFR zoning statewide this year failed based on arguments that local jurisdictions should be allowed to make their own decisions. It is time to make that decision here in Vancouver.

SFR zoning is a vestige of the past where privileged citizens wished to preserve their exclusive benefits. It is inconsistent with the City's goals to improve equity and reduce climate impacts. I ask you to start now to eliminate SFR zoning either separately or as part of your Climate Action Plan.

Thank you.

s/

Peter Fels

**From:** [City of Vancouver - Office of the City Manager](#)  
**To:** [Dollar, Sarah](#)  
**Subject:** FW: My Public Comments for Community Forum April 11, 2022  
**Date:** Monday, April 11, 2022 12:14:59 PM  
**Attachments:** [2022-04-11 City of Vancouver Community Forum Public Comment.pdf](#)  
[image001.png](#)

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Hey, Sarah! I hope this isn't too late.

Respectfully,

**Shannon Ripp | Support Specialist III**



CITY OF VANCOUVER, WASHINGTON  
City Manager's Office  
P: (360) 487-8607  
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**From:** Cathryn Chudy <chudyca@gmail.com>  
**Sent:** Monday, April 11, 2022 10:44 AM  
**To:** City of Vancouver - Office of the City Manager <CMO@cityofvancouver.us>  
**Subject:** My Public Comments for Community Forum April 11, 2022

**CAUTION:** This email originated from outside of the City of Vancouver. Do not click links or open attachments unless you recognize the sender and know the content is safe.

I have attached my Public Comments for the Community Forum tonight, April 11th.

I will be commenting remotely.

Thank you!

Cathryn

To: Vancouver City Council and Staff  
Community Forum/April 11, 2022/Cathryn Chudy

Last week the HQ Master Plan Applicant presented, at the recommendation of our Planning Commission, how they will “contribute” to Vancouver’s Climate Action Plan. I appreciate our Planning Commission’s recommendation because

(1) The Intergovernmental Panel on Climate Change (IPCC) Report was released one week ago stressing that “...the time for action is now...We are at a crossroads.. We have the tools and know-how required to limit warming and secure a liveable future.”

(2) Vancouver’s Climate Action Plan is a work in progress, clearly a priority initiative for Vancouver to be adopted, as directed by our City Council, with aggressive emissions reduction targets. Any new construction approved going forward obviously falls under the framework of actions that must not increase harmful emissions by digging deeper with fossil fuels.

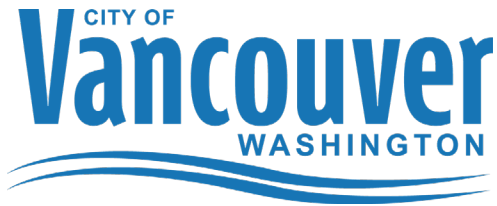
Hurley Development agreed to strengthen Green Building Commitments within the design guidelines. We got just a glimpse into what Hurley plans to do, within the vague language of “strengthen green building commitments.” The most promising part of the presentation was that energy for infrastructure will be planned for the lifetime of the buildings, not just based on the design and construction phases of the development. This means wise planning for buildings to “perform the way they’re supposed to” looking at lifetime operations, not just design elements, requiring truly sustainable energy use decisions that will affect users and will span decades.

Our Washington 2021 State Energy Strategy determined the most cost effective way to meet the state’s greenhouse gas emissions limits for buildings is with energy efficiency and electrification. There is no valid reason for new construction in Vancouver to be permitted for fossil fuel use. That means policy makers who approve building design and permitting for new construction must recognize that for the lifetime of these new developments, building operations into the future will be affordable and healthy for residents and building users only if fossil fuels are eliminated, now.

Hurley plans to follow the Krakken Climate Pledge Arena in Seattle’s design by utilizing rainwater to create ice for the ice rink. Hurley can also follow the Krakken’s energy decisions for all of the buildings in their development. Krakken executives asked themselves:” So how, exactly, does one create a carbon-neutral arena?” They hired Jason McLennan, a prominent green building consultant, to help answer. They muzzled gas lines midway through the construction process, and committed to decarbonization, *powered exclusively by clean energy*. They installed solar panels, electric stoves, and an all-electric dehumidification system.”

Vancouver’s Climate Action Plan calls for using the lowest carbon power source available for new building heating/cooling and cooking. Contrary to misleading and deceptive materials supplied to Hurley by the local gas utility, “Renewable” Natural Gas is NOT a cost-effective or viable option for any of those identified uses in reducing emissions in buildings. New buildings with fossil gas will be more costly and unhealthy for users for decades. Our City must engage our PUD to expand electrification capacity, and hold developers accountable for final energy use decisions that ensure healthy new homes and commercial buildings for a truly livable future.





## MEMORANDUM

**DATE:** June 27, 2022

**TO:** Mayor and City Council

**FROM:** Eric Holmes, City Manager  
Katherine Kelly, Senior Policy Advisory

**RE:** **Interstate Bridge Replacement Program –  
Draft Modified Locally Preferred Alternative Resolution, Commitments,  
and Conditions of Approval**

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**Background:**

The Interstate Bridge Replacement (IBR) Program, in collaboration with Program partners and based on community feedback, has developed a recommendation for a Modified Locally Preferred Alternative (MLPA). The MLPA represents an approximately two-percent level of design and is the foundation for what to study in greater detail during the coming Supplemental Environmental Impact Statement (SEIS) phase of the Program. The SEIS is required through the National Environmental Policy Act (NEPA) for any project receiving federal funding and requires extensive technical analysis and community engagement.

At their May 5, 2022 meeting, the Executive Steering Group (ESG) for the Program agreed to advance the recommended MLPA for discussion and consideration with Program partner agency Boards, Commissions, and Councils. An initial round of discussions is underway and is anticipated to conclude early July this year. For the City of Vancouver, staff presented the MLPA to Council on May 16<sup>th</sup> and IBR Program Administrator Greg Johnson provided further detail at a Council workshop on June 6<sup>th</sup>. Council members provided general support for the MLPA during that session.

Following initial discussions with Boards, Commissions, and Councils, each partner agency plans to follow up with Resolutions supporting the MLPA for consideration by their respective Board, Commission, Council. Attachment A to this memo is a draft City of Vancouver Resolution in support of the Program's recommended LPA.

- Exhibit 1 of the Attachment A is language describing components of the MLPA.
- Exhibit 2 of Attachment A lists a set of Commitments by the IBR Program that reflect actions to be completed during the SEIS and subsequent phases of the Program. The Commitments are based on feedback from partner agencies and community stakeholders as necessary actions for the Program to successfully meet its stated purpose, need, and desires of the community.
- Also included in Exhibit 2 of Attachment A for Council's consideration are draft Conditions of Approval (COAs) that are additional items specific for the City of Vancouver to be

addressed in coming Program phases. In developing the draft COAs, staff took into account desired outcomes from the Program as defined by Council via Resolution M-4140 approved July 26, 2021 (Attachment B), Council Resolution M-4171 approved June 6, 2022 regarding greenhouse gas reduction goals defined by Council, previous conditions defined by the City through the Columbia River Crossing project, and community feedback.

Based on Council feedback, staff will revise as necessary the draft proposed Resolution and COAs and return on July 11<sup>th</sup> for Council's consideration to approve these items.

Additional discussions with Program partners' Boards, Commissions, and Councils have been underway and are planned as show in Attachment C.

**Attachments:**

**Attachment A:** Draft Resolution in Support of IBR Program Recommendation for a Modified Locally Preferred Alternative.

- **Exhibit 1:** IBR Program Draft Recommendation for a Modified Locally Preferred Alternative
- **Exhibit 2:** IBR Program Commitments and City of Vancouver Conditions of Approval.

**Attachment B:** City of Vancouver Desired Outcomes Resolution (July, 2021)

**Attachment C:** LPA Process and Schedule

**Attachment A: Draft Resolution Supporting Interstate Bridge Replacement Program  
Modified Locally Preferred Alternative**

July 11, 2022

RESOLUTION NO.           

A RESOLUTION relating to selection of a Modified Locally Preferred Alternative (MLPA) for the Interstate 5 Bridge Replacement (IBR) Program, and authorizing action by the City of Vancouver's delegates to the C-TRAN Board, Regional Transportation Council Board, and Metro Joint Policy Advisory Committee on Transportation guided by the principles herein, in support of a MLPA.

WHEREAS, Interstate 5 is a corridor of national significance that serves the entire west coast of the United States, as well as international commerce with Canada, Mexico, and all of the countries of the Pacific Rim that access US west coast sea ports; and

WHEREAS, Interstate 5 between Vancouver, Washington and Portland, Oregon experiences some of the most severe congestion along the entire length of the Interstate 5 corridor; and

WHEREAS, the two existing Interstate 5 bridge spans are functionally obsolete and do not meet current seismic standards; and

WHEREAS, frequent crashes on the Interstate 5 corridor and on the bridge affect public safety; and

WHEREAS, existing bi-state public transit service is inadequate to meet demand, and existing service operates in mixed-traffic which has significant negative impacts on performance and operational outcomes; and

WHEREAS, bicycle and pedestrian facilities on the Interstate 5 bridge are unsafe and do not meet Americans with Disabilities Act standards; and

WHEREAS, the City of Vancouver adopted Resolution M-3975 on August 6, 2018, in support of planning, design, and construction of an Interstate 5 replacement bridge, high-capacity transit with a dedicated guideway, and a multimodal approach to enhance regional travel needs;

WHEREAS, a Memorandum of Intent was signed by Oregon and Washington Governors Brown and Inslee on November 18, 2018 to begin joint efforts between the two states to replace the Interstate 5 bridge;

WHEREAS, a program called the Interstate Bridge Replacement Program (IBRP) to plan, design, and construct a replacement bridge across the Columbia River including associated multimodal and urban design enhancements was begun in 2018 by an Oregon-Washington Bi-State Legislative Committee; and

WHEREAS, the IBR Program is a collaboration between the Washington and Oregon Departments of Transportation, the Southwest Washington Regional Transportation Council, Portland Metro, C-TRAN, TriMet, the Ports of Vancouver and Portland, the Cities of Vancouver and Portland, the Federal Highway Administration, and the Federal Transit Administration; and

WHEREAS, the City of Vancouver is a Participating Agency in the federal environmental review process under the National Environmental Policy Act (NEPA); and

WHEREAS, the City of Vancouver has identified equity and inclusion, safety, innovation, climate sustainability and resiliency, livability, connectivity, aesthetics, and community trust and relationships as guiding principles for the IBRP program; and

WHEREAS, the City of Vancouver adopted Resolution M-4171 on June 6, 2022, acknowledging climate change as threat to the future of our community and directing the City to use City investments to advance infrastructure approaches that achieve significant, long-term GHG reductions and consider alignment with and support of the City's adopted goals in selecting preferred alternatives for large-scale infrastructure projects and developments, and

WHEREAS, Vancouver's adopted comprehensive land use plan, including the transportation element, identify and plan for a comprehensive multimodal project to relieve congestion on I-5, enhance safety for all modes on all transportation facilities, and call for enhancing regional high-capacity transit; and

WHEREAS, there has been broad and comprehensive public engagement on IBR Program options by the citizens of Vancouver; and

WHEREAS, the IBR Program with guidance from the Executive Steering Committee, Community Advisory Group, Equity Advisory Group, and Partner Agencies have developed and evaluated a range of potential solutions; and

WHEREAS, doing nothing is not an acceptable option because it would result in unpredictable and increasing travel delay in the I-5 corridor as a result of increased congestion, bridge lifts and collisions, and would leave in place the ever-present latent risk of bridge failure in a seismic event; and

WHEREAS the IBR Program has recommended a MLPA that is included as Exhibit 1 to this Resolution and that revises and modifies the original LPA adopted by City of Vancouver Council in 2008 as part of the Columbia River Crossing project; and

WHEREAS, identification of a MLPA is one "narrowing" step in a multi-step process and an important opportunity for Vancouver City Council to articulate concerns which need to be weighed at this and subsequent steps; and,

WHEREAS, the IBR Program has committed to addressing issues identified by Program partners during the next phase of the Program and identified in Exhibit 2 to this Resolution; and

WHEREAS, the City of Vancouver has identified issues requiring further study and cumulative project impacts that exceed those identified in the MLPA and presents, in Exhibit 2 to this Resolution, “Conditions of Approval”;

BE IT RESOLVED that:

The City of Vancouver hereby endorses the Modified Locally Preferred Alternative for the Interstate Bridge Replacement Program, attached as Exhibit 1 to this Resolution, along with the Commitments and Conditions of Approval attached as Exhibit 2 to this Resolution.

ADOPTED by the City of Vancouver Council this 11<sup>th</sup> day of July 2022.

## DRAFT MODIFIED LOCALLY PREFERRED ALTERNATIVE RECOMMENDATION

MAY 27, 2022

After regional support is reached on a Modified Locally Preferred Alternative for the Interstate Bridge Replacement (IBR) Program, the program commits to continuing work with the partner agencies and community to identify and refine program elements that have yet to be finalized. The **IBR Program** recommends the following components for the Modified LPA:

1. A replacement of the current I-5 Bridge with a seismically sound bridge.
2. A commitment to increase and implement attractive transit options across the Columbia River by supporting a variety of transit services that meet the needs of customers traveling between varied markets through:
  - i. Continuation of C-TRAN express bus service from markets north of the Bridge Influence Area (BIA) to the downtown Portland area utilizing new bus on shoulder facilities, where available, within the BIA.
  - ii. Continuation of C-TRAN's current and future Bus Rapid Transit lines as described in adopted regional plans and known as the Vine.
  - iii. New Light Rail Transit (LRT) service as the preferred mode for the dedicated High-Capacity Transit improvement within the BIA.
  - iv. An alignment of LRT that begins with a connection at the existing Expo Center LRT station in Portland, OR, extends north, with a new station at Hayden Island, continues across the Columbia River on a new I-5 bridge, and generally follows I-5 with an interim Minimum Operable Segment not extending north of E. Evergreen Boulevard, in Vancouver, WA. There will be multiple stations in the City of Vancouver to be decided by the Vancouver City Council in consultation with C-TRAN, the Port of Vancouver, and TriMet.
3. Active transportation and multimodal facilities that adhere to universal design principles to facilitate safety and comfort for all ages and abilities. Exceptional regional and bi-state multi-use trail facilities and transit connections will be created within the BIA. Opportunities will be identified to enhance active transportation facilities, with specific emphasis on local and cross-river connections between the region's Columbia River Renaissance Trail and the 40-mile Loop.
4. The construction of a seismically sound replacement crossing for the North Portland Harbor Bridge with three through lanes, northbound and southbound.
5. The construction of three through lanes northbound and southbound on I-5 throughout the BIA.

6. The inclusion of one auxiliary lane northbound and one southbound between Marine Drive in Portland and E. Mill Plain Boulevard in Vancouver to accommodate the safe movement of freight and other vehicles.
7. A partial interchange at Hayden Island, and a full interchange at Marine Drive, designed to minimize impacts on the Island's community; and improve freight, workforce traffic, and active transportation on Marine Drive.
8. A commitment to study improvements of other interchanges within the BIA.
9. Variable Rate Tolling will be used for funding, such as constructing the program, managing congestion, and improving multi-modal mobility within the BIA. The Program will study and recommend a low-income toll program, including exemptions and discounts, to the transportation commissions.
10. A commitment to establish a greenhouse gas (GHG) reduction target relative to regional transportation impact, and to develop and evaluate design solutions that contribute to achieving program and state-wide climate goals.
11. A commitment to evaluate program design options according to their impact on equity priority areas with screening criteria such as air quality, land use, travel reliability, safety, and improved access to all transportation modes and active transportation facilities. The Program also commits to measurable and actionable equity outcomes and to the development of a robust set of programs and improvements that will be defined in Community Benefits Agreement.

**Draft Interstate Bridge Replacement Program Commitments  
and City of Vancouver Conditions of Approval  
for a Modified Locally Preferred Alternative**

**Overview**

Endorsement of a Locally Preferred Alternative is one step of many that enables a program to proceed with further analysis of a reduced range of alternatives. The Interstate Bridge Replacement (IBR) Program, in collaboration with Program partners, have identified a set of “Commitments” that describe further actions to be accomplished as part of refining alternatives identified in the Program Modified Locally Preferred Alternative (MLPA) and in preparation for a Supplemental Environmental Impact Statement (SEIS). The City of Vancouver has identified additional action items, “Conditions of Approval” (COAs), that are not captured in the Program Commitments in a manner that specifically or thoroughly enough addresses desired outcomes as defined by the City.

The following are proposed IBR Program Commitments and City of Vancouver COAs:

**A. Process**

IBR Program Commitment:

1. The IBR program will develop a workplan to address partner requests and conditions of approval. The workplan will address any conflicts that arise between partner agencies independent conditions of approval and will provide a timeline for responding to partner agency requests.

**B. Community and Stakeholder Engagement**

IBR Program Commitments:

2. Authentically engage with the program’s advisory groups in all major program decisions, timelines, and milestones.
3. Commit to partner engagement to help shape a communications strategy and execution, environmental process, and the development of the program design.
4. Commit to a robust community engagement program to solicit and obtain public input for all stages of the program including establishing public priorities for design and evaluation of impacts to the built and natural environment, and input on design options.
5. Develop a Community Benefits Program.

City of Vancouver Condition of Approval:

6. Engagement must be accessible and open to a wide variety of stakeholders and all community members.

**C. Climate**

IBR Program Commitments:

7. Provide a high level of sustainable design and construction practices including a stormwater strategy and minimal impact on fish, wildlife, and watershed health.
8. Prepare an in-depth Greenhouse Gas (GHG) analysis including climate change, air quality, carbon emissions and Vehicle Miles Traveled (VMT).

City of Vancouver Conditions of Approval:

9. In collaboration with Program partners define a GHG reduction goal that is Program-specific and supports state, regional, and local GHG emission reduction goals, including the City’s goal of carbon neutrality by 2040.
10. The GHG analysis committed to by the IBR Program shall include data related to changes in travel behavior (modal splits and induced demand), modeled vehicle miles traveled at years 2030, 2040, and 2050, and assumptions regarding tolling consistent with Oregon and Washington State Departments of Transportation toll programs.
11. Collaborate with Partners to define mitigation strategies for urban heat island effects and air pollutants associated with the infrastructure and vehicular traffic of the Program.



12. Prepare and present a plan that shows how Program-related GHG will be monitored and reported during and after construction, and how it will be mitigated plus funding options for mitigations. There shall be regular updates on progress, including annual reporting on the status of the GHG target and mitigation efforts to offset emissions.

**D. Equity**

IBR Program Commitments:

13. Prepare an Equity Report that assesses the impact of tolls on low-income people, including toll avoidance and limited access to technology for payment of tolls; the impact of the project on low-income and minority populations in regard to affordable housing and employment; and the impact of the project on populations at or below the poverty level. It entails an examination of access to jobs and services, physical accessibility, potential negative impacts related to construction and/or property acquisition, and other elements in alignment with our equity objectives.
14. Implement an accountability tracking tool that will include regular staff reports to the program and the Equity Advisory Group regarding how the Equity Framework (and equity more broadly) has shaped decisions and activities.
15. Prioritize access, influence, and decision-making power for marginalized and underserved communities throughout the program in establishing objectives, design, implementation and evaluation of success.

City of Vancouver Conditions of Approval:

16. The IBR Program shall assess the impacts of the Program on Black, Indigenous and People of Color (BIPOC) communities, low- and moderate-income residents, renters, people with disabilities and mobility challenges, and other equity-priority populations in the region using partner agreed-upon methodologies and data. This analysis should include an assessment of the distribution of program impacts and benefits (as defined by the Program Equity and Mobility Advisory Committee- #18 below), potential outcomes, and mitigations for equity priority communities at 2030, 2040 and 2050.
17. Evaluate equitable outcomes using performance measures developed by the IBRP Equity Advisory Group to measure benefits and impacts to equity priority communities (including BIPOC).
18. Prioritize historically marginalized and underserved communities within the Program area to establish objectives, design, implement and evaluation of success of the project.

**E. Bridge Replacement**

IBR Program Commitments (“Design”):

19. Employ high quality architectural design for the North Portland Harbor Bridge and Columbia River main span.
20. Design a bridge that is aesthetically pleasing, cost efficient, and sustainable.
21. Design and construct the program following principles of sustainability, cost efficiency, context sensitivity, and avoidance and minimization of impacts.

City of Vancouver Conditions of Approval:

22. Further analysis is needed to determine the “appropriately sized” bridge and all multimodal components.
23. Confirm the constraints on bridge design related to navigation and airspace.
24. The bridge shall have the highest quality architecture for the project allowable by engineering limitations and within reasonable cost to produce a signature design.
25. The bridge cannot negatively impact City of Vancouver’s ability to convert Washington Street to a two-way street or any other future changes to the local road network and related facilities as defined by the City through the design phase of the IBR Program.

## **F. Transit**

### IBR Program Commitments:

26. Develop the high-capacity transit terminus, station placement, alignment and design to allow for future extensions and connections.
27. Develop options and define impacts and costs for the high-capacity transit alignment accounting for development opportunities, safety and efficiency, traffic movement, construction costs and impacts.
28. Conduct further analysis on the size and design of park and rides accounting for ridership and cost-effectiveness, impacts on the street network and integration with the surrounding land uses; document in the Supplemental Final Environmental Impact Statement (SFEIS).
29. Develop stations, furnishings, roadwork and sidewalk elements in character appropriate to Vancouver and Hayden Island.
30. Refine station locations accounting for safety, compatibility with surrounding uses, cost-effectiveness and efficiency of operations.
31. Develop a plan for Transit Operations & Maintenance funding sources.
32. Optimize the HCT option selected to maximize ridership potential and improve the transit network to meet the region's needs today and into the future; and that fits within the operating plans of the two partner transit agencies: C-TRAN and TriMet.

### City of Vancouver Conditions of Approval:

33. Safety and Security is a primary objective of the transit system and specific improvements, strategies and measures should be deployed to ensure maximum security and safety for transit patrons and the adjacent community.

## **G. Active Transportation**

### IBR Program Commitments:

34. Undertake additional design to include robust active transportation facilities on the bridge, approaches and throughout the program area; meet or exceed standards; meet the active transportation demand considering tolls and other transportation demand measures.
35. Provide good active transportation connections to HCT stations including infill of missing sections.
36. Retain and enhance multimodal transportation especially in the vicinity of highway overcrossings.

### City of Vancouver Conditions of Approval:

37. Active transportation facilities shall be designed to facilitate a comfortable, low stress experience and prioritize safety of vulnerable users, and ensure safe and easy access from the local network to new facilities.
38. Active transportation facilities shall be designed to minimize users' exposure to roadway pollutants such as particulate matter and hazardous chemical compounds.

## **H. Interchanges and Roadway Design**

### City of Vancouver Conditions of Approval:

39. More detailed design of interchanges in Vancouver is required to fully evaluate potential community impact, urban development potential, and enhanced access for all users.
40. Interchanges and roadways must be designed with a goal to not impact any properties outside of WSDOT ROW.

## **I. Freight**

### IBR Program Commitments:

41. Confirm the configurations of the Marine Drive/Hayden Island and Mill Plain interchanges allow for unimpeded, safe and efficient movement of freight and workforce traffic and complement current and future operations at the region's Port's Marine Terminals and key industrial districts.
42. Ensure the auxiliary lane design and configuration on the bridge allows for safe and efficient movement of freight and general purpose traffic. Develop the design of the bridge to consider adequate shoulder width and grade to allow for high, wide and heavy and general industrial

freight and containers.

City of Vancouver Conditions of Approval:

43. Preserve freight access in a manner that is safe, efficient, and does not negatively impact community design or character.

**J. Transportation Demand Management (TDM) and Tolling**

IBR Program Commitments:

44. Develop a comprehensive TDM program that includes variable-rate tolling.
45. Use TDM to help manage peak period auto demand.
46. Implement tolling on I-5 as soon as legally and practically permissible.
47. Develop a plan to educate the public about tolls.
48. Evaluate and seek authorization for pre-completion tolling of the existing bridge under Title 23 Section 129 while the replacement bridge is under construction.

City of Vancouver Conditions of Approval:

49. The Program shall further refine scenarios with variable rate tolls on the existing I-5 Bridge.
50. Demand management strategies shall be developed with the goals to manage auto demand and congestion during peak traffic periods, support downtown Vancouver's circulation goals, reduce greenhouse gas emissions, and must include the use of variable rate tolling.
51. Freeway access streets should receive additional traffic management as warranted and agreed to by the City.

**K. Urban Design**

City of Vancouver Conditions of Approval:

52. The bridge river crossing shall be an iconic design, connect the historical and interpretive artifacts and landscape elements, and not harm the landscape or existing archeological or cultural resources.
53. Recreational and open space design shall be determined in collaboration with Program partners and the community.
54. The bridge design shall not significantly deteriorate or impact the existing user experience in downtown Vancouver, or degrade the health, safety and welfare of the general public. In circumstances where nuisances are reasonably expected from the project design, impacts will be mitigated to the maximum extent practicable.
55. Community connections shall be designed to connect the historical and cultural landscape elements. These include but are not limited to a lid over I-5 connecting Downtown to the Historic Reserve, extension of Main Street, and redevelopment or re-use of land unencumbered by physical structure for the bridge itself or supporting water treatment facilities (5<sup>th</sup> Street to north bank of the Columbia River).

**L. Community Enhancement, Impact Avoidance, and Mitigation**

IBR Program Commitments:

56. (General) Right size and develop a transportation program that is responsive to community needs, environmentally responsible, resilient to future climate and social changes, and satisfies the Purpose and Need.
57. (HIA) Work with Multnomah County and other interested agencies to develop a Health Impact Assessment to evaluate the potential impacts and benefits to human health from the program.
58. (NEPA) Prepare a Supplemental Environmental Impact Statement (SEIS) pursuant to the National Environmental Policy Act (NEPA) that assesses potential impacts to the built and natural environments including as assessment of climate change and greenhouse gas emissions; the SEIS will include mitigation measures to avoid or reduce potential impacts as feasible. The SDEIS will include opportunity for public input and comment during a public review period and at public hearing(s).
59. Prepare a sustainability plan.

City of Vancouver Conditions of Approval:

60. The IBR Program shall provide the highest model of environmentally and socially friendly design and construction for a bridge of its proposed size and scale.
61. The Program must respect properties outside of WSDOT ROW and have a goal to avoid impacts to those properties during and after construction. If impacts are unavoidable they must be mitigated to the full extent practicable and as required by prevailing federal, state or local laws and ordinances.
62. The Program must identify proposed mitigation for any potential adverse human or natural health impacts.
63. The City of Vancouver must be included in any Health Impact Assessment (HIA) work included as part of the Program.

**M. Construction and Contracting**

IBR Program Commitments:

64. Develop a construction management approach that includes appropriate requirements to reduce GHGs and carbon footprint during construction.
65. Set targets to achieve DBE utilization and employ innovative strategies to achieving workforce diversity goals.

**N. Financing Plan**

IBR Program Commitments:

66. Develop a financial plan including capital sources and uses of funds for presentation to the program partners and the public that indicates federal, state, and local funding.
67. Prepare a Level 2 toll traffic and revenue study.
68. Prepare an investment grade (Level 3) toll traffic and revenue study.

City of Vancouver Conditions of Approval:

69. IBR Program construction, operation and maintenance costs should be divided between Washington and Oregon according to the proportion of the Program elements within each state.

Attachment B: City of Vancouver IBRP Desired Outcomes Resolution

July 26, 2021

RESOLUTION NO. M-4140

A RESOLUTION supporting the replacement of the Interstate Bridge between the State of Washington and State of Oregon, guided by the principles herein.

WHEREAS, Interstate 5 is a corridor of national significance that serves the entire west coast of the United States, as well as international commerce with Canada, Mexico, and all of the countries of the Pacific Rim that access US west coast seaports; and

WHEREAS, the Interstate Bridge is a key economic connector to two major ports and much of the industrial land in the Vancouver-Portland Metropolitan Region; and

WHEREAS, Interstate 5 between Vancouver, Washington and Portland, Oregon experiences some of the most severe congestion along the entire length of the Interstate 5 corridor, especially during the daily commuting periods, affecting travel time reliability and hindering the efficient movement of people, freight, goods, and services; and

WHEREAS, the existing Interstate Bridge spans are functionally obsolete and do not meet current seismic standards, and in their current condition will hinder regional emergency response and recovery from a major seismic event; and

WHEREAS, frequent crashes on the corridor and on the Bridge affect public safety; and

WHEREAS, bicycle and pedestrian facilities on the Bridge are unsafe and do not meet Americans with Disabilities Act standards; and

WHEREAS, existing bi-state public transit service is inadequate to meet demand, and existing service operates in mixed-traffic, which has significant negative impacts on performance and operational outcomes; and

WHEREAS, high capacity transit in a dedicated guideway does not currently connect Vancouver and Portland, and high capacity transit with a dedicated guideway would provide greatly improved transit service with much better schedule reliability and service than mixed-traffic operation and support existing and planned land uses; and

WHEREAS, replacement of the Interstate Bridge is needed to support critical trade routes, address congestion, improve safety, and provide transportation choices; and

WHEREAS, the City of Vancouver adopted Resolution M-3975 on August 6, 2018, in support of planning, design, and construction of an Interstate replacement bridge, high capacity transit with a dedicated guideway, and a multimodal approach to enhance regional travel needs;

WHEREAS, a Memorandum of Intent was signed by Oregon and Washington Governors Brown and Inslee on November 18, 2018 to formally kick off joint efforts between the two states to replace the Interstate Bridge;

WHEREAS, a program called the Interstate Bridge Replacements Program (IBRP) to plan, design, and construct the replacement Interstate Bridge across the Columbia River including associated multimodal and urban design enhancements was begun in 2018 by an Oregon-Washington Bi-State Legislative Committee; and

WHEREAS, the IBRP is now in the planning and environmental phase with development of a Locally Preferred Alternative anticipated for consideration in Spring of 2022; and

WHEREAS, the City of Vancouver has identified livability, equity and inclusion, safety, innovation, sustainability and resiliency, connectivity, aesthetics, and community trust and relationships as guiding principles for the IBRP program; and

WHEREAS, the City of Vancouver, as an IBRP partner agency, shall guide and influence development of design options in a timely manner and within the framework of identified principle values;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY OF VANCOUVER:

The City of Vancouver City Council supports IBRP design options with outcomes that:

- a. Meet or exceed climate and equity goals as defined by the city, region, and IBRP advisory groups during all phases of the program; and

Section 1 - The Built Environment.

- b. Construct the bridge and all related structures to be resilient in the event of a Cascadia Seismic event
- c. Support efforts to make current and future Downtown Vancouver a thriving and attractive place to live, work, and visit within the greater Portland-Vancouver region
- d. Improve connectivity for all users among key downtown and Historic Reserve destinations to support economic vitality and placemaking opportunities
- e. Extend Main Street to the Vancouver waterfront and identify additional opportunities to reconnect other local roadways within the bridge influence area
- f. Improve access to transit for all users
- g. Improve access and connectivity throughout local bikeway, roadway, and sidewalk systems

- h. Improve multimodal access and connectivity to, from, and across the Interstate 5 regional highway system to Downtown Vancouver and the Historic Reserve area
- i. Include a dedicated guideway for transit that accommodates multiple high capacity transit modes and is designed to serve both current and future transit needs as the region grows
- j. Replace and/or upgrade subsurface City assets where appropriate to support new infrastructure, and

Section 2 - Urban Design.

- k. Prioritize the movement of people, freight, and goods
- l. Emphasize and center human and natural systems
- m. Integrate and recognize the IBRP area's history, especially that of Indigenous Peoples
- n. Better connect the west side of Interstate 5, the City's core downtown area, with the east side of Interstate 5, the City's Historic Reserve area, via a lid or some other public open space over Interstate 5 south of Evergreen Street connecting Library Square to the Historic Reserve
- o. Create new public open spaces under the bridge that serve the region's diverse and growing community, connect Vancouver's waterfront, and integrate with existing and forthcoming open space investments
- p. Establish continuity and integration of design associated with transit improvements that complement existing and future downtown transit investments
- q. Integrate new aesthetic features to amplify Vancouver and associated bridge improvement elements as landmark destinations, and



### Section 3 - Mobility.

- r. Focus on efficient, connected, and safe movement of people, freight, and goods
- s. Provide more reliable travel for all modes and all users
- t. Reduce overall Interstate Bridge congestion and length of peak congestion periods including no lift span on the bridge
- u. Reduce peak period impacts on the local road system
- v. Reduce collisions on local roads leading to and within downtown
- w. Incorporate tolling to fund construction of the Bridge and associated elements
- x. Retain three through travel lanes on Interstate 5 in the Bridge Influence Area and, based on updated analyses, accompanying auxiliary lanes to support the Program's Purpose and Need; and

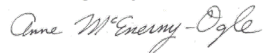
### Section 4 - Construction and Ongoing Operations and Maintenance.

- y. Meet or exceed requirements to employ Minority, Women, and Disadvantaged Business Enterprise (WMDBE) firms
- z. Create opportunities for inter-generational wealth through workforce investment programs during planning, design, and construction phases of the program
- aa. Implement tolling in an equitable manner that includes mitigation programs
- bb. Proactively mitigate construction impacts to Downtown Vancouver businesses, residents, and visitors
- cc. Efficiently manage post-construction operating and maintenance costs, and
- dd. Use climate smart construction materials built for existing and future types of transportation.

ADOPTED at a Regular Meeting of the Vancouver City Council this 26th day of July,  
2021.

Attest:

DocuSigned by:  
  
BCF6734E40E94AE...  
Natasha Ramras, City Clerk

DocuSigned by:  
  
58CB15C0632F403...  
Anne McEnery-Ogle, Mayor

Approved as to form:

DocuSigned by:  
  
9A7DC2E31F694A2...  
Jonathan Young, City Attorney

## DRAFT LPA PROCESS AND SCHEDULE

The following is a draft of how the Modified LPA rollout is planned to occur:

- **May 5 and 6: Program Modified LPA Recommendation to ESG and Bi-state Legislative Committee**

ESG and BSLC meetings included the announcement and explanation of the program's recommended Modified LPA (via PPT). The presentation included: the program's recommendation on the main components of the Modified LPA, additional language to be included in the formal Modified LPA verbiage, and next steps. A general show of support for this recommended Modified LPA to go in front of the program partners' boards and councils was requested at ESG (no formal vote). A "briefing packet" documenting program work in support of the program's recommendation, as well as the draft Modified LPA memorandum with the program's recommendation, were part of meeting materials.

- **May 10 - June 14: Program Modified LPA Briefing and Discussion at Partner Boards/Councils**

The same Modified LPA presentation used at ESG and BSLC, as well as the recommended Modified LPA document and the Briefing Packet will be the primary sources of information and data supporting the Modified LPA recommendation. The program will support development of additional slides and material, as requested, for each body. The program team will also offer program leadership to help present the material. Agency staff may spend time at these meetings presenting and discussing conditions they will include in their own resolutions for program commitments.

- May 10, Portland City Council
- May 12, Metro Council
- May 16, Vancouver City Council
- *May 19, JPACT*
- *May 20, RTAC*
- May 25, TriMet Board of Directors
- *June 3, TPAC*
- June 6, Vancouver City Council
- June 7, RTC Board of Directors
- June 8, Port of Portland Board of Commissioners
- June 14, Port of Vancouver Board of Commissioners
- June 14, C-TRAN Board of Directors

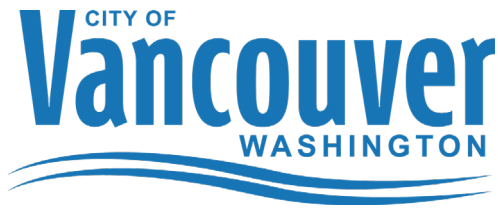
- **June 15 and 17: Modified LPA Discussion Update at ESG and Bi-state Legislative Committee meetings**

ESG and BSLC meetings will hear feedback on what was communicated by the boards/councils on both the recommended Modified LPA and potential partner conditions. The ESG will be asked to confirm the Modified LPA language that will be used at upcoming partner board/council meetings. This information will be communicated through PPT at the meeting; the Modified LPA document will be part of the meeting material.

- **June 16 - July 13: Program Partner Boards/Councils Endorse Modified LPA**

Program partner agencies will meet at their various board/council meetings to endorse the same Modified LPA language. The agencies will accomplish this by voting to support resolutions placed on their agencies' letterheads (which may include "conditions of approval" specific to each agency).

- *June 16, JPACT*
  - June 22, TriMet Board of Directors
  - June 27, Vancouver City Council -*consider and discuss*
  - *July 5, RTC Board of Directors - consider and discuss*
  - July 11, Vancouver City Council
  - July 12, Port of Vancouver Board of Commissioners
  - July 12, CTRAN Board of Directors
  - July 13, Port of Portland Board of Commissioners
  - July 13, Portland City Council
  - July 14, RTC Board of Directors
  - July 14, Metro Council
- **July 21: ESG meeting to adopt the Modified LPA.**
- **July 21: BSLC meeting for members to respond to the recommendation to move the Modified LPA into the SDEIS process for further evaluation.**



## MEMORANDUM

**DATE:** June 27, 2022

**TO:** Eric Holmes, City Manager

**CC:** Chad Eiken, CDD Director

**FROM:** Jason Nortz, Development Review Manager, CDD

**RE:** **June 27 City Council workshop review of Short-Term Rentals**

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This memo is to serve as an update to City Council on the current short-term rental market in the City of Vancouver. Staff previously provided a briefing memo on short-term rentals (STRs) to City Council on June 13, 2022 and also as part of the Housing Code Workshop on September 9, 2021.

Please refer to the briefing memo (Attachment A) for a comprehensive summary on the current STR market in the City of Vancouver.

While the number of STRs in Vancouver represent a very small percentage of total households (roughly 0.4%), operating STRs in single-family homes and multi-family units is increasingly popular. STRs are addressed in a variety of ways across the United States, and the industry is changing rapidly, so there is no "one size fits all" ordinance for regulating STRs. Approaches to regulation vary based on a community's location, economic base (e.g., reliance on tourism), and social and economic concerns. Local regulation should be adapted to fit the local circumstances and policy objectives.

**Policy issues for Council consideration include:**

- Maximize the availability of affordable housing options. Allowing whole-house STRs may impact the supply of housing, such as small houses and accessory dwelling units that could otherwise provide rental housing.
- Ensure that STRs are taxed in the same way as traditional lodging providers to ensure a level playing field and maintain local service jobs.
- Ensure that the city does not lose out on lodging tax revenue.
- Minimize public safety risks and the noise, trash and parking problems often associated with STRs.
- Give property owners the option to utilize their properties as STRs to help them make ends meet.

## Short-Term Rentals

June 27, 2022

Page 2 of 3

- Give citizens the option to utilize their properties to generate extra income from STRs.
- Encourage additional tourism to drive more business to downtown stores and restaurants.
- Improve community safety by ensuring STRs meet all minimum building and fire code requirements.

### Regulatory Options

Government regulations overall are still evolving. The Washington Municipal Research Service Center lists the cities of Seattle, Tacoma, Kirkland, Spokane, Bellingham, Leavenworth, Ilwaco, Poulsbo, Clyde Hill, Walla Walla, and Westport as having or developing STR regulations as of 2017 (Attachment A). Cities have cited collection of taxes, mitigation of traffic, parking and noise, and compliance with safety standards faced by other lodging as reasons for implementing STR regulations. Larger cities have also cited the need to retain more housing stock for long-term rental opportunities to address affordability concerns.

Locally, City of Vancouver staff believes that STRs do not meet existing Vancouver Municipal Code definitions of residential uses and are considered commercial uses. STRs are not allowed in residential zones, however they are allowed in a majority of our commercial zones as a Commercial and Transient Lodging use (e.g., hotel/motel).

As with other activities, enforcement of existing STRs in Vancouver is complaint-driven. Staff estimates that the City has received fewer than six inquiries about STRs. The City has received feedback about noise, trash, and parties in regard to specific properties. At least two community members mentioned calling VPD, most likely regarding parties or noise. Most of the concerns from the public have focused less on impacts from existing STRs than on their impact on supply of housing and the potential for future problems in the face of continued growth and investment.

### Recommendation

Staff requests Council consider the following options as next steps.

1. **Develop an immediate regulatory response/amend the code to allow STRs.** Given the minimal amount of STRs (currently 0.4% of total households) our preferred approach would be to allow STRs to operate in residential zones but develop a permit process so the City has more control, can track revenues (business license, lodging tax) and conduct basic life safety inspections (smoke/carbon monoxide detectors, egress, etc...). This could be run as a pilot program for a year at which point staff could review if changes to the current rules are required. Amendments to the land use and development code would be required for this option. Any amendment to the land use and development code would go to the Planning Commission for a recommendation to Council.
2. **Maintain the status quo/begin proactive code enforcement.** This requires continued investment of staff time, and resources for technical (software) support to review and verify online listings, and enforcement of the municipal code. Updates to the land use and development code would also be required to explicitly prohibit STRs in all residential

zones. Additional resources would likely be needed to effectively engage in proactive enforcement.

**Attachment(s):**

A. June 13, 2022 Briefing Memo

# MEMORANDUM

**DATE:** June 13, 2022

**TO:** Eric Holmes, City Manager

**CC:** Chad Eiken, CDD Director

**FROM:** Jason Nortz, Development Review Manager, CDD

**RE:** Update on Short-Term Rentals

---

This memo is to serve as an update to the City Council on the current short-term rental market in the City of Vancouver. Staff previously provided an update to City Council on this subject as part of the Housing Code Workshop on September 9, 2021.

## **Background on Status as an Allowed Use**

A short-term rental (STR) is defined as a residential property or portion of a residential property (room, guesthouse, ADU, etc.) that is available to rent for stays of less than 30 days. This includes rentals available on sites such as Airbnb and VRBO. Within the last decade, the popularity of STRs has increased dramatically as a substitute for (or even a preferred option to) traditional lodging like hotel rooms.

Currently, the City's Land Use and Development Code, [VMC Chapter 20](#), does not allow STRs in residential zones except as expressly authorized under the bed-and-breakfast provisions of [VMC 20.830](#). A bed-and-breakfast provides an alternative form of lodging for visitors who prefer a residential setting. The City's Land Use and Development Code considers bed-and-breakfast establishments as Commercial and Transient Lodging, which includes uses such as hotels, motels and homeless shelters where stays are typically less than 30 days. The individual or family operating the bed and breakfast must live at the house and it must be their primary residence. The house must also have been used as a residence for at least a total of five years prior to filing the application for approved use as a bed-and-breakfast establishment. A 1-2 bedroom bed-and-breakfast establishment is allowed under current City code as a limited use in the lower density residential districts. A 3-6 bedroom bed-and-breakfast establishment is allowed with a conditional use permit in lower density residential districts. According to City permit records, there is only one permitted bed-and-breakfast currently operating in the City.

This definition of a bed-and-breakfast establishment, which envisions a host in residence with guests and the provision of food in conjunction with lodging, doesn't capture the typical Airbnb-type STR arrangement that has emerged in recent years. Given that Airbnb-style short-term lodging arrangements are allowed in many cities, most people are under the assumption that they are allowed in Vancouver, but the City's Land Use and Development Code hasn't been updated to provide specific authorization for short-term rentals except under the bed-and-breakfast provisions in VMC 20.830. Additionally, Washington State law distinguishes bed-and-breakfast operations



from STRs in [Chapter 64.37 RCW](#) and regulation of transient accommodations under [Chapter 246-360 WAC](#), specifically in the definitions provided by [WAC 246-360-010](#).

As with other activities, enforcement of existing STRs in Vancouver is complaint-driven. Staff estimates that the City has received fewer than six inquiries about STR's. The City has received feedback about noise, trash, and parties in regard to specific properties. At least two community members mentioned calling VPD, most likely regarding parties or noise. Most of the concerns from the public have focused less on impacts from existing STR's than on their impact on supply of housing and the potential for future problems in the face of continued growth and investment.

As previously mentioned, staff provided the City Council with an overview of the current STR market as part of the September 9, 2021 Housing Code Workshop. The overview included the following data:

- There are approximately 250-300 existing STR units in the City of Vancouver out of approximately 72,500 households
- The number of Vancouver STR units has increased 165% from 2016
- 80% of STRs are in single family homes, 18% in multi-family homes, with the remainder undetermined
- 71% of STRs rent out an entire home, rather than a room or portion of an occupied home
- The median nightly rental rate is \$118
- Geographically, STRs are spread throughout the City with a modest concentration in downtown and west side neighborhoods
- Approximately 75% of STRs are advertised through Airbnb with the remaining quarter listed through Expedia/VRBO and other platforms

While these types of businesses are not illegal under state or federal law, they are not currently allowed to operate in the City of Vancouver, except as an approved Bed and Breakfast establishment. The City is aware that there are roughly 300 STRs operating in Vancouver, and it is possible that many of these property owners do not realize they are operating out of compliance with current code requirements.

At the September workshop, staff presented four options for the City Council to consider:

- **Increase enforcement.** All existing listings would be contacted and advised that they are not in compliance with current standards unless located in a commercial zone.
- **Maintain the status quo.** STRs would continue to be considered commercial and transient lodging uses and prohibited in residential zoning districts, but enforced only on a complaint-driven basis.
- **Monitor and report back.** Staff would more closely track local STRs and any related complaints and report back in six months to a year. If needed, regulatory options consistent with the scale of local activities could also be provided.
- **Develop an immediate regulatory response.** Staff would develop recommendations in the short term for Council consideration.

City Council advised staff to continue to monitor the situation and provide an update within a year.

In October of 2021 the City enlisted the services of Host Compliance, a platform of Granicus. Host Compliance is an industry leader in STR monitoring and compliance and was able to provide the City a comprehensive list of all current STRs in the City of Vancouver, including parcel and owner information. In addition, Host Compliance now provides the City with ongoing monthly updates on the current number of rentals in the City, including: location, property type, room type, average duration of stay and rental platform(s) used. Please refer to Attachment A for more information.

In February 2022, the City began reaching out to owners of known STRs to advise them of the existing restrictions and to invite their participation in a broader community engagement process around STRs. The intent of the City's communication was to alert operators that there is an issue of noncompliance, and to bring awareness to the City's efforts to determine the extent to which STRs should be regulated and invite existing STR operators into that process. An example of Owner/Operator letters is provided as Attachment B.

### **Outreach Efforts**

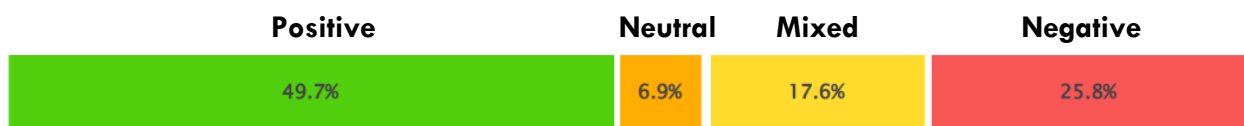
City staff have conducted two surveys and several small-group conversations to learn more about community experiences, attitudes, concerns and ideas related to STRs in Vancouver. Staff plan to conduct additional community engagement in the coming months, based on City Council feedback.

### **Community Survey**

The City conducted an online community survey from February 3 to March 6, 2022 using the City's Be Heard Vancouver website. A total of 783 community members took the survey.

### **Participants and Overall Sentiment**

- 81.5% of respondents were homeowners and 9.6% were renters. While renters were significantly underrepresented in the survey, they were more likely than the average respondent to support allowing STRs in Vancouver. Additional engagement with renters is needed to better understand the views of this group.
- A plurality of respondents (49.7%) expressed positive sentiments toward STRs, while 6.9% were neutral, 17.6% expressed mixed feelings and 25.8% were negative.



### **Key Survey Themes**

- The majority of respondents (55.8%) said that they would like to see the City allow STRs with regulations. 23.6% said that they would like to see the City allow STRs with no regulations. 19.4% said that they would like to see STRs banned in all circumstances.
- Community support was significantly higher for allowing STRs in single-family homes (70%) and Accessory Dwelling Units (ADUs) (69.5%) than apartments (36.30%) and mobile or manufactured homes (40.70%). Majorities of respondents voiced support for allowing STRs in townhouses (56.72%) and condominiums (53.75%). 18.48% of respondents said that STRs should not be allowed anywhere.
- 66% of respondents said that they have not had negative experiences with STRs. Among those expressing negative experiences, the most common concerns were:

- Parking shortages or other parking problems
  - Excessive noise
  - Increased traffic
- Respondents were also asked their thoughts about potential regulations. More detailed feedback on these questions is available through the community survey [response report](#).

Among those who expressed **positive sentiments**, participants mentioned:

- The view that STRs can provide an important source of income for homeowners, in particular homeowners who are retired, low-income, have lost a job during the pandemic or are financially supporting family members (in college or dealing with an illness).
- Belief that STRs help to support tourism in Vancouver and contribute to the City's service economy.
- Many spoke about positive personal experiences using STRs in other cities
  - Respondents expressed appreciation for the flexibility that STRs provide, when compared to hotels, including specific amenities, such as a kitchen, larger living space, multiple bedrooms for families, etc.
  - When visiting another city, respondents said that they appreciate the chance to get to know a neighborhood or the community from a more residential setting.
- Multiple respondents also spoke to the role that STRs play in providing accommodations for a range of uses, including:
  - Business travelers, including travelling nurses, people who are looking for a home, visiting for a job interview, attending a funeral, taking care of family, etc.
- Some respondents wrote about a belief that homeowners should have a right to use their home how they want.

Among those who expressed **neutral sentiments**, participants mentioned:

- No opinion or indifference on STRs
- Factual statements about the nature of STRs

Among those who expressed **mixed feelings**, participants mentioned:

- Many respondents spoke about the potential benefits of STRs, such as tourism or extra income for rental hosts, while expressing concern about potential downsides, such as noise, parking or trash.
- Several respondents also spoke about their personal positive experiences with STRs, but expressed mixed feelings about having an STR near their home. This mixed sentiment is consistent with [past research](#).
- Some community members offered conditional responses, noting that they would support STRs if certain regulations were in place, such as registration, taxation or residency requirements.

Among those who expressed **negative sentiments**, participants mentioned:

- Belief that STRs reduce the amount of housing available to rent or own, thereby reducing supply and increasing housing costs.
- Concern that STRs encourage speculative real estate investing and purchases from outside the community.
- Multiple respondents spoke to negative experiences living near an STR, including:
  - Negative parking impacts, noise, trash or litter, concern about people "coming and going" and disruptive parties.

- Belief that businesses of any type should not be allowed in residential areas.
- Multiple respondents expressed concern about an incident in June 2020, when someone shot at a property being rented through VRBO in the First Place neighborhood.

### **STR Host Survey**

The City also conducted an online survey of STR hosts from February 3 to March 6, 2022. City staff shared a link to the survey with 300 STR hosts using direct mail. A total of 85 STR hosts completed the survey.

### **Key Findings**

- Most respondents operate a single STR property:
  - 79.73 percent of respondents operate one STR
  - 10.81 percent operate two STRs
  - A small number of respondents (5.41%) operate 5 or more STRs
- If they were no longer allowed to operate an STR, respondents indicated that they would:
  - Rent to a long-term tenant (45.95%)
  - Sell the property (45.95%)
  - Keep it vacant – maintain ownership as an investment property (27.03%)
  - Invite a friend or family member to move in (16.22%)
  - Make the property their primary residence (14.86%)
- Additional feedback is available through the rental host survey [response report](#).

### **Themes from Open-Ended Responses**

Feedback from the rental host survey was consistent with comments made by those voicing support for STRs as part of the larger community survey. Respondents spoke about:

- Positive experiences operating an STR.
- Personal benefits to themselves or their family, including the role that rental income plays in helping hosts to afford monthly mortgage payments or other expenses.
- Belief that STRs positively contribute to Vancouver's economy, through tourism, taxation and support for local businesses.

### **Online Comment Box**

Since March 2022, 51 community members have also shared their thoughts about STRs through an online comment box on the City's [Be Heard Vancouver](#) website.

- 37.3% of respondents have voiced opposition to STRs. Their concerns include housing affordability, negative impacts on the city's housing stock, noise, parking availability, parties, people "coming and going," and issues generated by specific properties in their neighborhoods.
- 35.3% of respondents have voiced support for STRs. They suggest that STRs generate valuable income for homeowners, offer accommodations for those whose needs might not be met by a hotel, while contributing to the local economy through tourism. Responding rental hosts also mentioned the effort they put into enforcing "house rules," as a way to reduce negative experiences with STR guests.
- 23.5% of respondents have offered mixed feedback. These respondents, including some STR hosts, have voiced support for allowing STRs with certain regulations, such as licensing of taxation.
- 3.9% have offered neutral comments, such as questions or requests for more information.

## **Small-Group Conversations**

Over the past several months staff have also conducted several small-group conversations with a variety of stakeholders. These groups include hotel and tourism professionals, STR hosts, realtors, neighborhood associations and housing advocates. This information supplements information gathered through online surveys and comment box.

## **Housing Advocates**

The housing advocates interviewed were community focused organizations including Fourth Plain Forward, Council for the Homeless, and Evergreen Habitat for Humanity. From their view, STRs pose a real threat by removing housing stock from the market. While the City may not have thousands of units, any unit being taken of the market for vacation home instead of a permanent residence is exacerbating the affordable housing crisis. As STRs grow in popularity, there is an incentive to build units specifically for STRs versus long-term rentals. This disincentivizes building long-term rental units. In response to arguments for STRs helping build wealth is often not true for low-middle income families. There is a large barrier to entry to buying an additional property or renting out a spare room. Allowing STRs can pose a gentrification risk and displace people from the area. If not an outright ban, the group would like to see vulnerable populations living in the city protected by not allowing STRs in those neighborhoods. It's important to put in place safeguards so our low-income communities don't get left behind. One housing advocate had a more positive view, that STRs can be a benefit to the community. One example being STRs have been used to house refugees, specifically from Afghanistan. They agreed any policy created should consider outcomes to vulnerable populations.

## **STR Hosts**

City staff held four virtual one-hour conversations with a total of 28 STR owners and operators. Most hosts owned one to two STRs and have lived in Vancouver for at least five years. Each conversation group was asked a series of questions. When asked what their reason was to own or operate an STR include having a supplemental income, often to pay for mortgage payments, retirement, medical bills, other monthly expenses, and in general increases disposable income. Running their unit as an STR vs long-term rental was less hassle. Some hosts felt owning an STR was a way to meet people and to give back to the community. Some make operating STRs their primary income. As far as the type of guests that would typically stay at the rental were people in the area for work such as traveling nurses, people scoping out the area before the move, families who need a different setup than a traditional hotel room, people undergoing medical procedures, people having work done on their house, and people that need a place to stay in between housing situations. To address issues that can come up from STRs, hosts are requiring additional screening, requiring guests to disclose the reason for their stay—if the reason is a party, the host will decline—limiting the number of guests, making sure surrounding neighbors know they are operating an STR, implementing quiet hours, installing noise-monitoring technology, and using security cameras.

STR hosts were asked to share any additional thoughts and to identify any misconceptions that they believe community members may have about STRs. Host shared that they feel STRs bring a value, asset, and benefit to the City & local economy. In Vancouver a lot of the owners and hosts are long-time community members, who live in the neighborhood and care about these neighborhoods. A reason people are STR hosts is because they are making more money than long-term rentals. When people buy properties to convert into an STR, they are investing in properties and raising property values. To address the point that STRs are taking housing units off the market, this is a misconception because STRs are second homes or vacation homes that would not be getting used otherwise. STRs

were a benefit during Covid which helped other small businesses like restaurants. One host had someone book STRs for a domestic abuse victim and a homeless individual. Overall STRs promote tourism and generates revenue for the City and provides jobs to those who work in the communities that support this use (e.g., housekeepers, landscapers, etc.).

### **Hotel and Tourism Professionals**

Staff spoke with several hotel industry professionals during a small group conversation. The group felt strongly that STRs should be required to have the same inspections and regulations as hotels, including requirements related to OSHA, fire and safety inspections, electrical, plumbing, ADA, and the state tourism office. Participants expressed concern that allowing too many STRs in any given neighborhood could have a lasting impact on the community, citing the change from fully residential to having business operating in the area. This same principle could lower home values. The group informed that smaller hotels are listing on STR sites. Strong HOAs could have the authority to push out STRs. Hotels are offering monthly rates that are competitive to STR rates. There is precedence in other Cities to require parking and annual operation fees to cover inspection costs. A majority of hotel operators believe STRs should be beholden to the same regulations as hotels.

### **Ongoing Outreach**

Staff will continue to engage in small-group conversations in the coming months. Stakeholders include: local employers (Peace Health, Vancouver Clinic), neighborhood associations, STR platforms (VRBO, Airbnb), the Tenants Union of Washington State, and affordable housing advocates.

### **SUMMARY OF LOCAL GOVERNMENT ISSUES/CONCERNS**

Generally, local government concerns about STRs fall into at least one of the following categories:

- Collection of lodging and sales tax on STR stays
- Mitigation of traffic, parking, noise and other impacts on the surrounding neighborhood
- Compliance with life/safety standards that are commonly applied to other types of lodging establishments (such as hotels, motels and bed-and-breakfasts)

Another issue of increasing concern is the impact of STRs on a community's affordable housing supply. In this case, the concern isn't necessarily about a homeowner renting out a room or backyard cottage to help with monthly mortgage payments. Instead, local governments fear that property owners will purchase residential units and rent them out on a short-term basis to out-of-town visitors, thereby taking them out of the year-round rental housing supply.

### **Regulatory Environment**

Government regulations overall are still evolving. The Washington Municipal Research Service Center lists the cities of Seattle, Tacoma, Kirkland, Spokane, Bellingham, Leavenworth, Ilwaco, Poulsbo, Clyde Hill, Walla Walla, and Westport as having or developing STR regulations as of 2017. Please refer to Attachment C for additional information. Cities have cited collection of taxes, mitigation of traffic, parking and noise, and compliance with safety standards faced by other lodging as reasons for implementing STR regulations. Larger cities have also cited the need to retain more housing stock for long-term rental opportunities to address affordability concerns.

Locally, City of Vancouver staff believes that STR's do not meet existing Vancouver Municipal Code definitions of residential uses and are considered commercial uses. As previously mentioned, STRs are not allowed in residential zones, however they are allowed in a majority of our commercial zones as a Commercial and Transient Lodging use (e.g., hotel/motel). Any owner of an STR in Washington State is required to obtain a state business license and to register with the Washington

Department of Revenue. Per [RCW 64.37.020](#), STR operators must remit all applicable local, state, and federal taxes unless the platform does this on the operator's behalf. This includes occupancy, sales, lodging, and other taxes, fees, and assessments to which an owner or operator of a hotel or bed and breakfast is subject in the jurisdiction in which the STR is located. If the STR platform collects and remits an occupancy, sales, lodging, and other tax, fee, or assessment to which an STR operator is subject on behalf of such operator, the platform must collect and remit such tax to the appropriate authorities. Locally, the City of Vancouver requires businesses generating more than \$12,000 annually to obtain a business license. Data provided by our Department of Financial and Management Services indicates that approximately 40 business license holders operating STRs paid lodging tax in 2021.

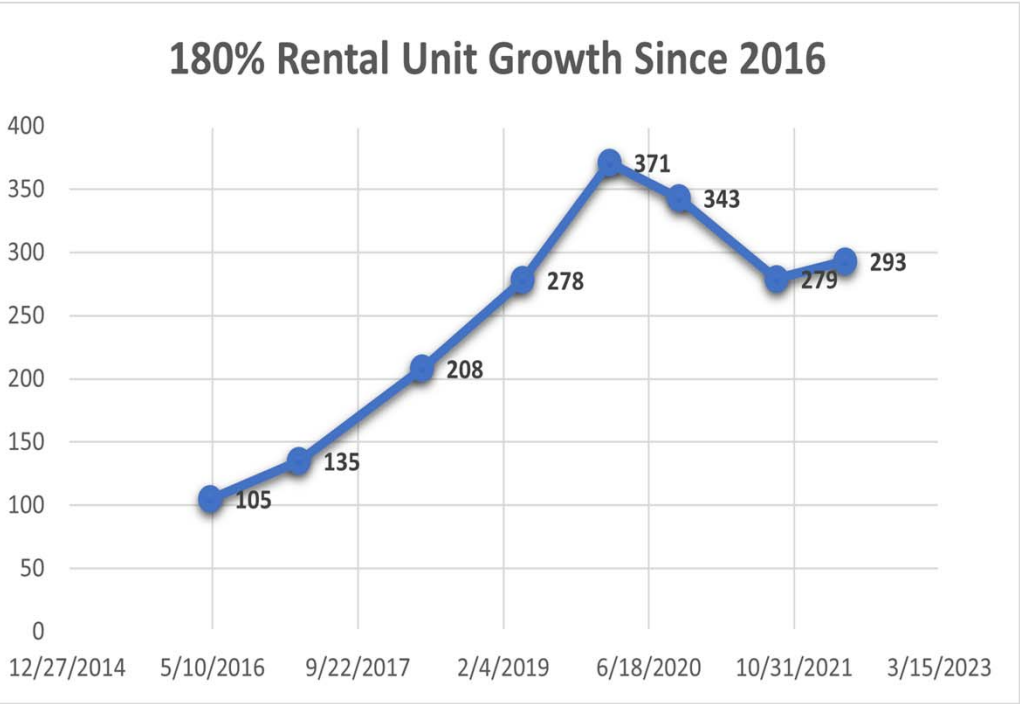
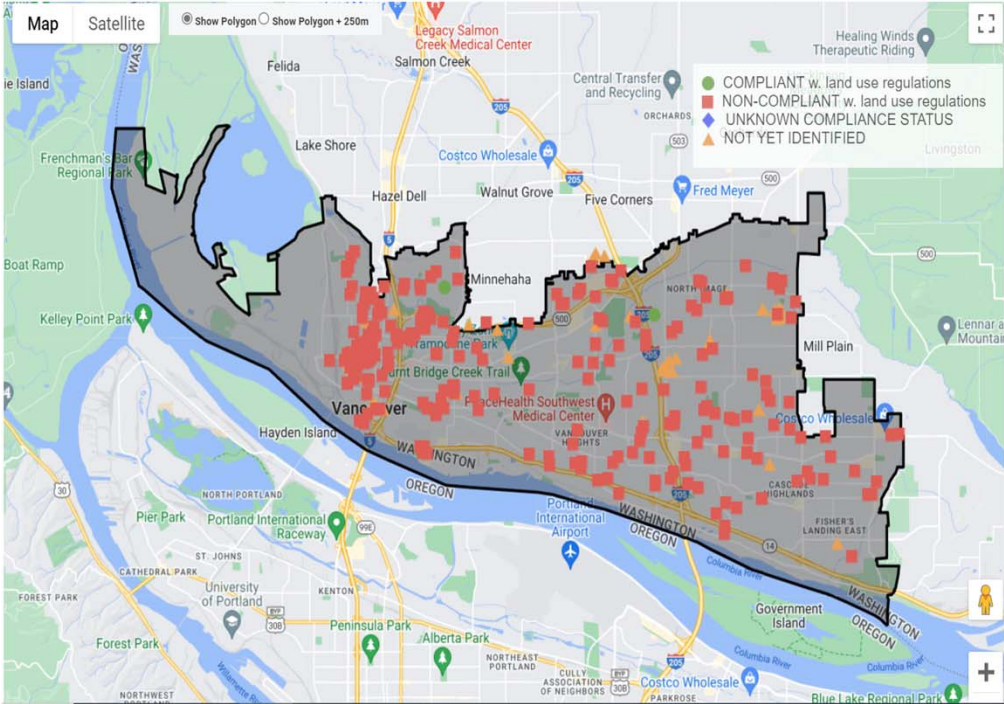
### **Next Steps**

While the number of STRs in Vancouver represent a very small percentage of total households (roughly 0.4%), operating STRs in single-family homes and multi-family units is increasingly popular. Staff is recommending returning to Council in the Fall, as part of a workshop to discuss regulatory options for Council to consider.

### **Attachment(s):**

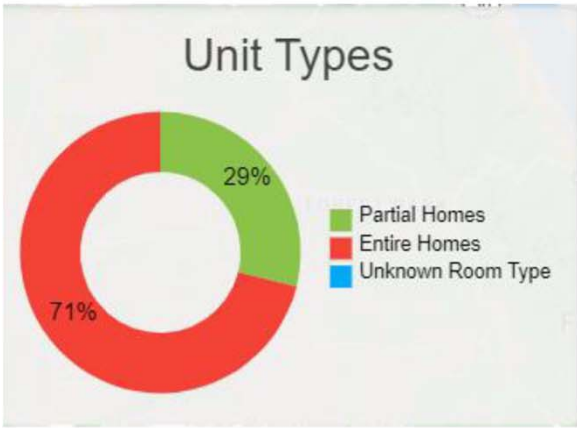
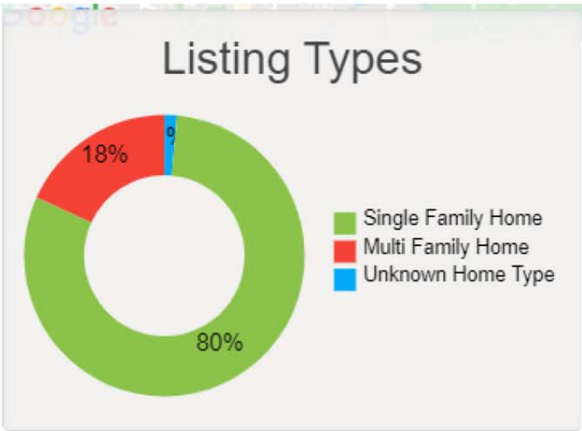
- A. Host Compliance Data/Charts
- B. Owner Compliance Letters
- C. WA Cities STR Table

Vancouver STR Market Details



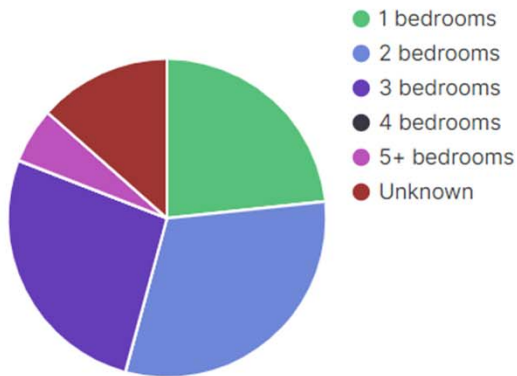


# Vancouver STR Market Details

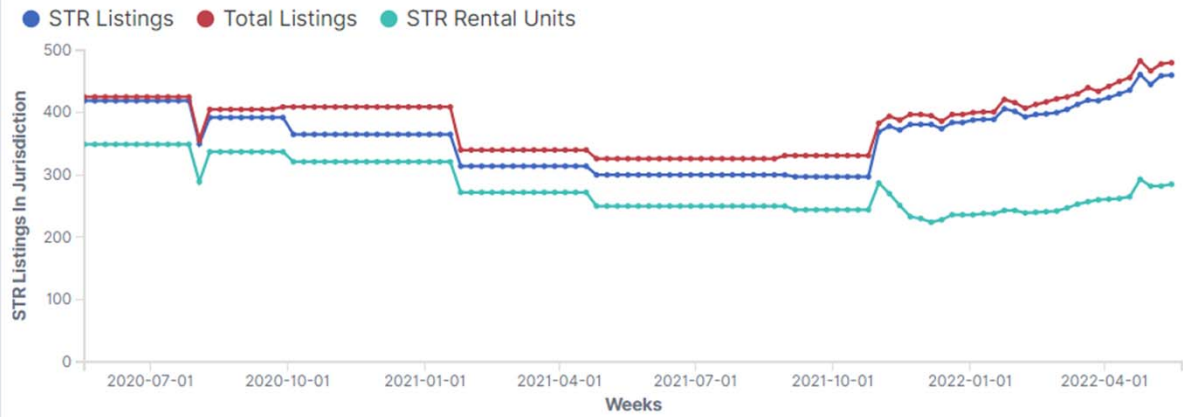


Attachment A

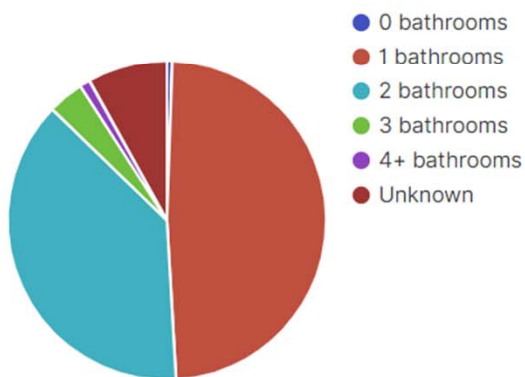
Bedrooms ⓘ



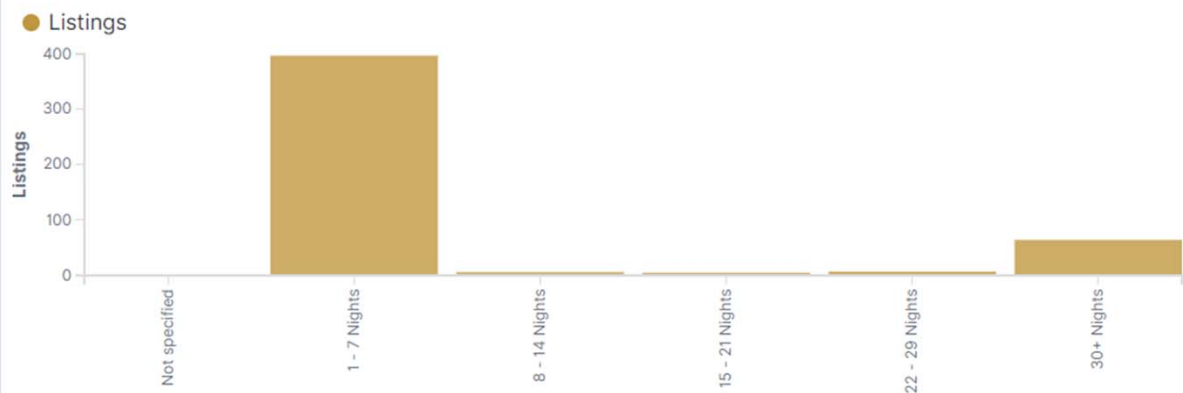
Rental Units and Listings Over Time ⓘ



Bathrooms ⓘ



Minimum Nights Stay ⓘ



REVISED  
2.4.22



Dear City of Vancouver Property Owner,

*An earlier draft of this letter was sent in error. At this time, the City of Vancouver is NOT asking short-term rentals to cease operations. We would like to apologize for the confusion and assure all hosts that any changes to short-term rental policy will occur through a public engagement process, with ample opportunity for input and concerns to be shared.*

*We encourage you to share your thoughts by taking the city's short-term rental host survey and to sign up for email updates using the links below. We also invite you to contact the project team to share your perspective. Below is the letter that was intended to go out to hosts. We again apologize for the confusion that the previous letter may have caused.*

---

It has come to our attention that a short-term rental is being operated at one or more of your properties located in Vancouver, Washington. Currently, City code does not allow short-term rentals in a residential zone per the City's Land Use and Development Code, VMC Chapter 20.

We realize that you may not have known until just now that short-term rentals are not currently allowed in Vancouver, or you may not be directly involved in this commercial activity at your property, which is why we're reaching out to you with this information. If a tenant is operating the short-term rental at your property without your knowledge, you are still accountable as the property owner.

The Vancouver City Council will be considering changes to the City's Land Use and Development Code to possibly allow short-term rentals. Before the City Council takes action, the City wants to hear from you. Please share your thoughts, ideas, and experiences by taking our online short-term rental host survey at: [cityofvancouver.us/hostsurvey](http://cityofvancouver.us/hostsurvey).

This survey will be available through February 28, 2022 and is designed specifically to gather feedback from short-term rental hosts. If you would like to participate in an upcoming conversation with the City and other short-term rental hosts, please share your email as part of the survey or contact Jason Nortz using the contact information below.

If you have any questions about this letter or the possible code changes, please email me at [jason.nortz@cityofvancouver.us](mailto:jason.nortz@cityofvancouver.us). You may also visit [beheardvancouver.org/short-term-rentals](http://beheardvancouver.org/short-term-rentals) for more information or to contact the project team.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Nortz", with a stylized flourish at the end.

Jason Nortz  
Development Review Manager  
City of Vancouver  
(360) 487-7844

C: Chad Eiken, Director, Community Development Department

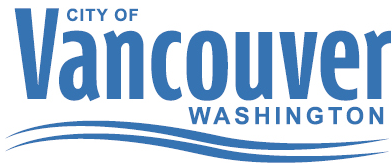
### Summary of large/mid-size Washington cities

|                                                                                                                                                                                                                                                                                                      | <b>Fees if applicable</b>                                                                                | <b>Frequency of use</b>            | <b>Parking or noise provisions</b>                                                                         | <b>Other requirements</b>                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Seattle</b>                                                                                                                                                                                                                                                                                       |                                                                                                          |                                    |                                                                                                            |                                                                                                                                                                  |
| Allowed in structures established as dwelling units, but NOT RVs, tents, garages, boats, floating residences, live-work unites, and caretaker's quarters. Allow "legacy units"- those that were rented prior to Sept 30 2017 to operate in Downtown Urban Core, First Hill/Capitol Hill Urban Center | Seattle business license tax certificate and a Short-term rental operator's license (\$75 per unit)      | Not mentioned                      | Not mentioned                                                                                              | As a general rule, Short term operators can only operate two units- one being the primary residence and the other can be in any dwelling unit owned by operator. |
| <b>Spokane</b>                                                                                                                                                                                                                                                                                       |                                                                                                          |                                    |                                                                                                            |                                                                                                                                                                  |
| Permitted in all residential zones                                                                                                                                                                                                                                                                   | Application fee \$150 and Renewal fee of \$100 every year; Liability insurance; Spokane Business License | May only be rented up to 30 days   | Follows Spokane municipal code 17c.230- Minimum ratio is 1 stall per 1,000 gross square feet of floor area | Total number of guests per bedroom is 2; Must maintain a guest log                                                                                               |
| <b>Tacoma</b>                                                                                                                                                                                                                                                                                        |                                                                                                          |                                    |                                                                                                            |                                                                                                                                                                  |
| Renting 1-2 rooms allowed within all single family districts; Renting 3-9 rooms requires CUP in R-3, R-4L, R-4, R-5, RCX, and NRX Districts (these are generally residential districts that allow duplex, triplex, and multifamily dwellings).                                                       | Business license                                                                                         | Guests may only stay up to 30 days | Not mentioned                                                                                              | Must live in home if renting rooms or separate unit such as ADU. If renting the entire home, operator not required to live on site.                              |
| <b>Bellevue</b>                                                                                                                                                                                                                                                                                      |                                                                                                          |                                    |                                                                                                            |                                                                                                                                                                  |
| Single family districts allowed but MUST be owner-occupied- this is considered a boarding housing. Non owner occupied is considered a rooming house which is not allowed in single family zones.                                                                                                     | Business license; Home occupation permit                                                                 | Not mentioned                      | Not mentioned                                                                                              | Term used is "transient lodging or room rental". Max of two rooms for rental and maximum of two lodgers/renters.                                                 |

|                                    |                                                                 |                                            |                                                                                                                      |                                                                                                                                                                            |
|------------------------------------|-----------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Kent</b>                        |                                                                 |                                            |                                                                                                                      |                                                                                                                                                                            |
| Permitted in all residential zones | Business license, \$51; state lodging tax, 1% on overnight stay | Stay is limited to 30 consecutive nights   | Not mentioned.                                                                                                       | Owner must live at the home being rented at least six months per year.                                                                                                     |
| <b>Renton</b>                      |                                                                 |                                            |                                                                                                                      |                                                                                                                                                                            |
| Doesn't specify                    | Business license \$125                                          | Stay must be less than 30 continuous days. | Additional parking for guests, pursuant to Title IV RMC, one additional space is required if unit is owner-occupied. | Applies only to those who advertise through an online market place, uses a property manager, engages in renting unit more than three times a year. Must be owner occupied. |



# Short-Term Rentals City Council Workshop June 27, 2022



**Jason Nortz**

Development Review Manager

**William Cooley**

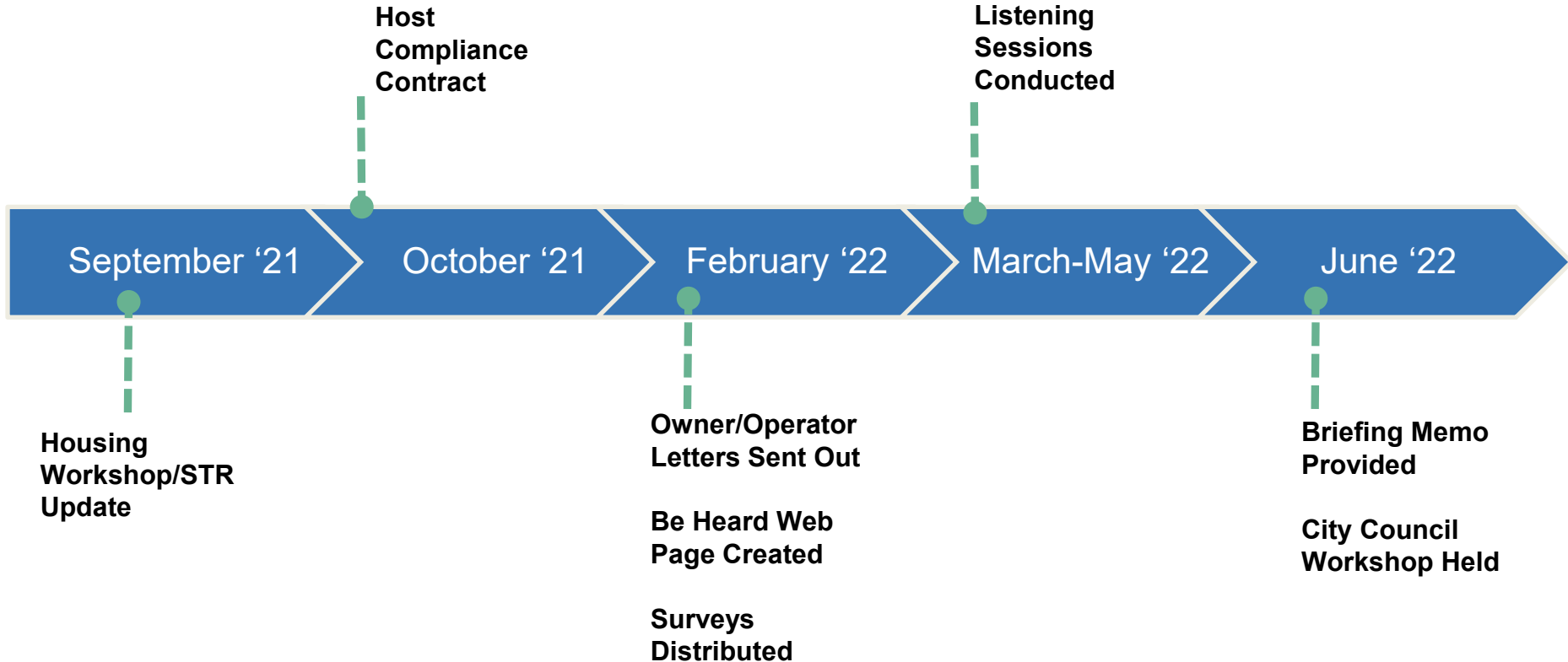
Community Engagement Manager



# Agenda

- **Timeline of Events**
- **Current Rules**
- **Existing Conditions**
- **Outreach Efforts**
- **Regulatory Options**
- **Next Steps**

# Short-Term Rental Timeline





# Short-Term Rentals: Where We are Now?

- Short-term rentals: stays of less than 30 days
- We do not currently have a short-term rental ordinance
- Not permitted in any residential zone
- Bed and Breakfast use is allowed but requirements different than traditional short-term rental

## Major Short-Term Rental Platforms Include:



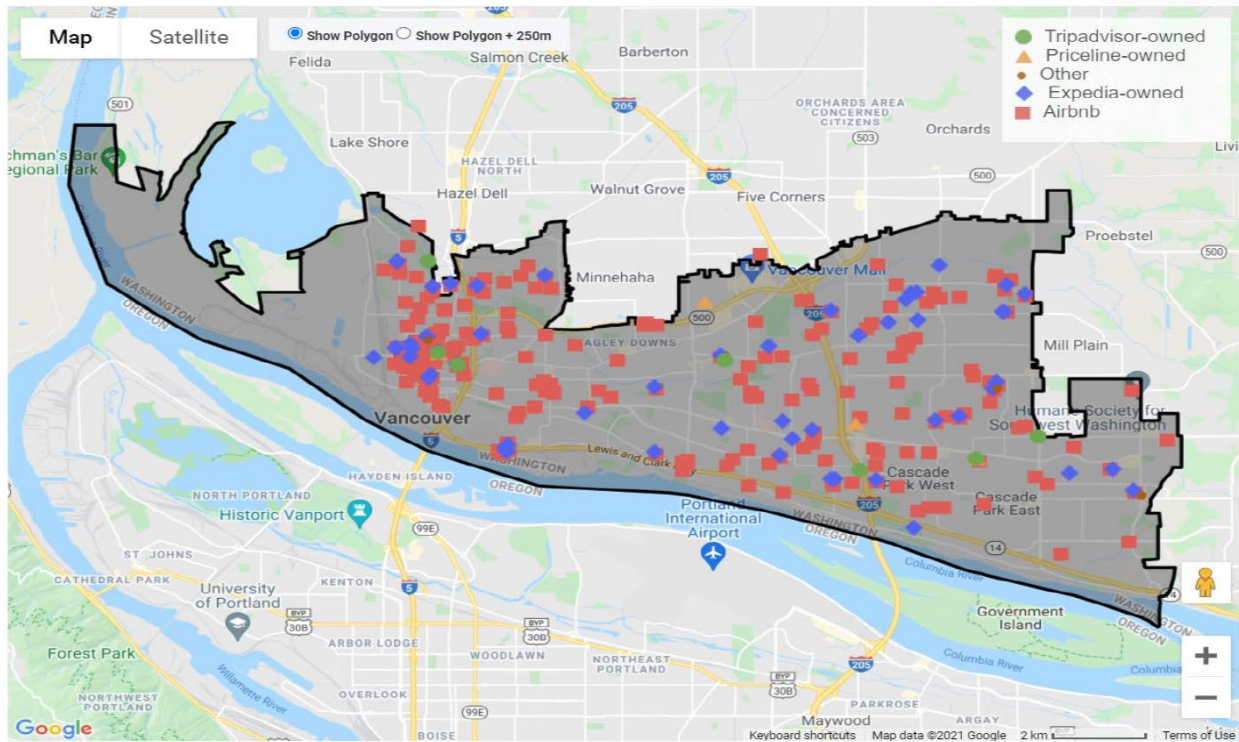
# Short-Term Rentals: Where We are Now?

- 250 to 350 short-term rentals are operating in the City of Vancouver
- Short-term rentals represent 0.4% of Vancouver's 83,868 estimated housing units
- Short-term rentals are increasing steadily in Vancouver, but still low relative to larger cities.
- Complaints remain low

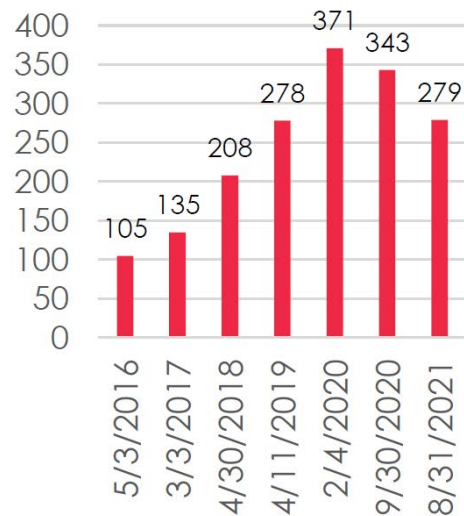


# Short-Term Rentals: Where We are Now?

Short-term rentals in Vancouver as of August 31, 2021



**166%** Rental Unit Growth since 2016



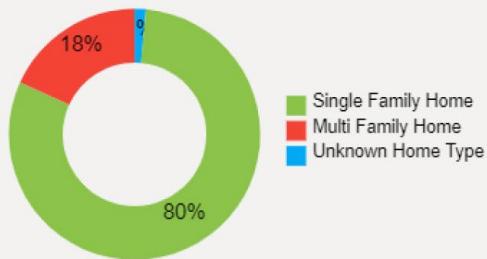
# Short-Term Rentals: Where We are Now?

## Vancouver STR Market Details

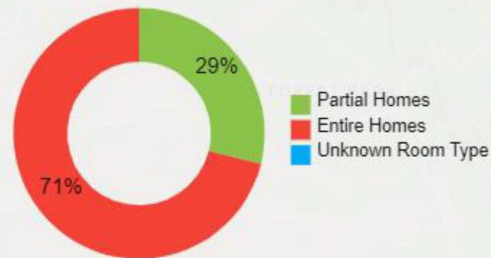
Median Nightly Rate  
(USD)

**\$118**

Listing Types

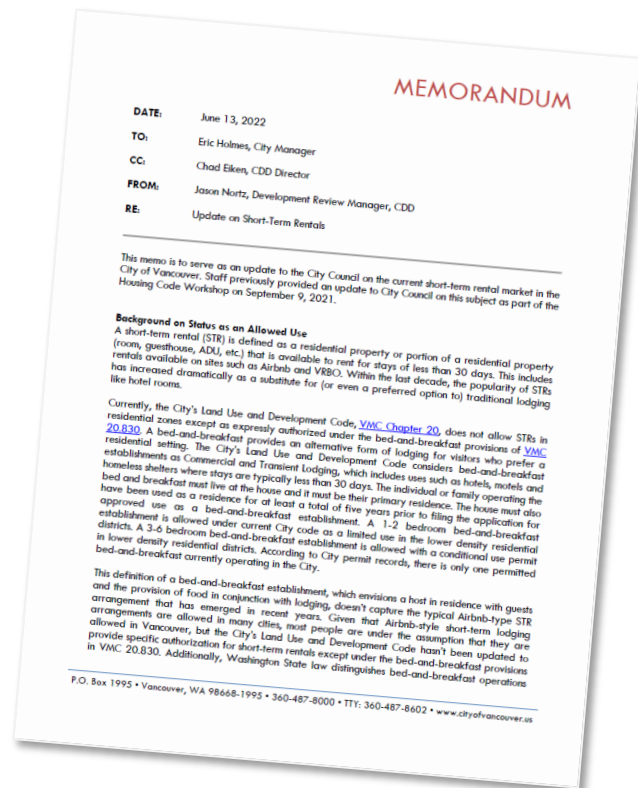


Unit Types



# Short-Term Rentals: Where We are Now?

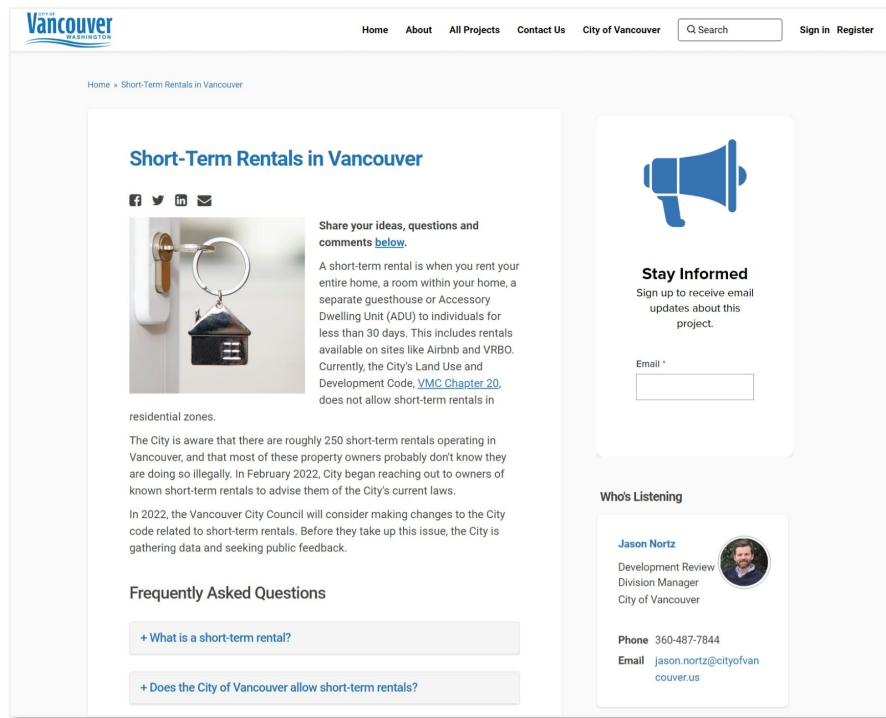
- February 2022: Letters sent out to all owner/operators
- February to March 2022: Surveys reach approximately 800 community members
- Currently engaging in listening sessions with the community
- Provided update to Council via briefing memo at June 13 City Council Meeting



# Community Engagement

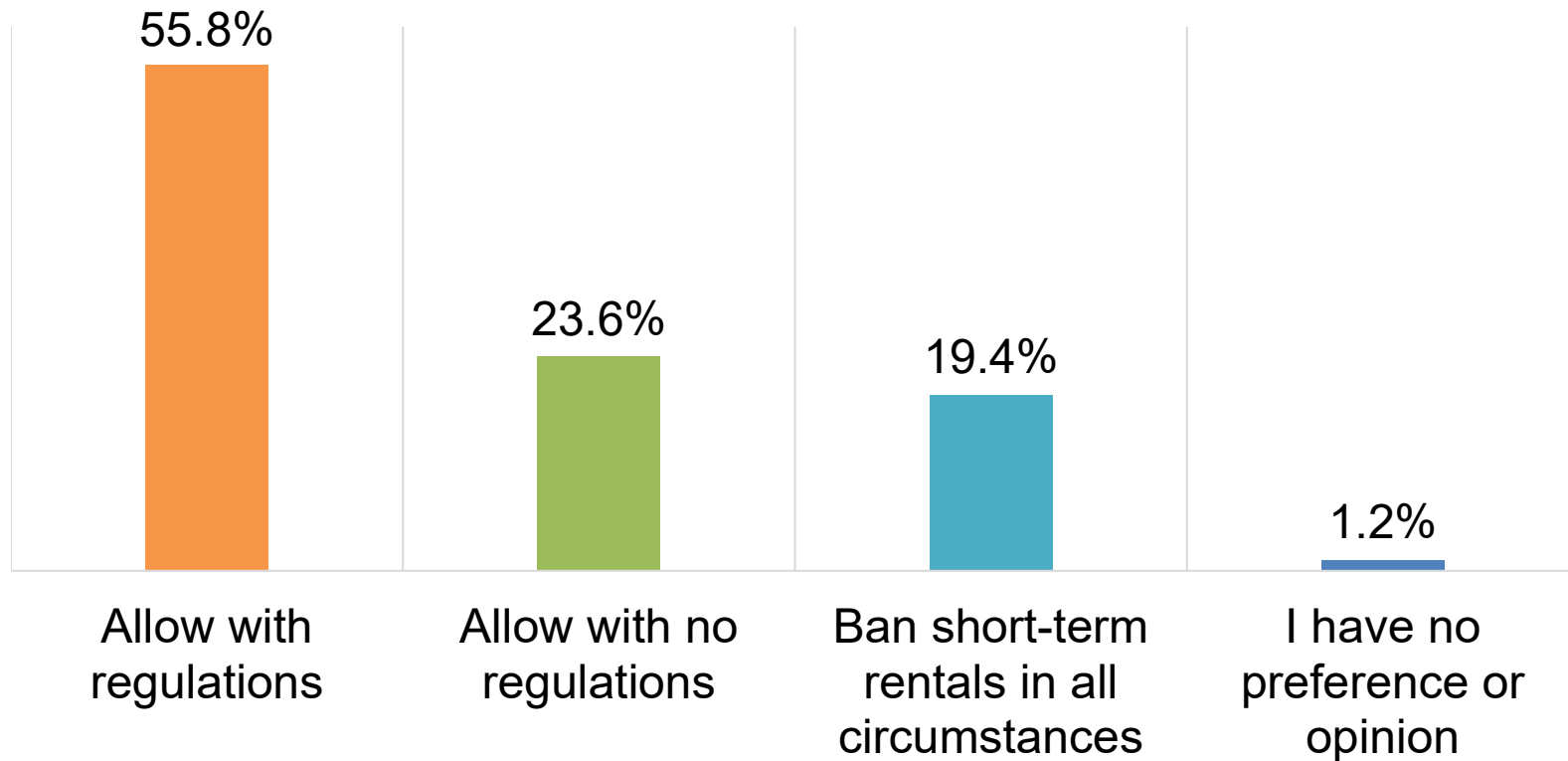
# Short-Term Rental Community Survey

- **783 community members** took the survey between Feb. 3 and March 6, 2022 using the City's Be Heard Vancouver website
- **81.5%** of respondents were homeowners and **9.6%** were renters





# How should the City handle short-term rentals?





# In which housing types should STRs be allowed?

70%



Single  
Family  
Homes

69.5%



Accessory  
Dwelling  
Units (ADUs)

56.7%



Townhomes

53.7%



Condos

# In which housing types should STRs be allowed?

70%



Mobile or  
Manufactured  
Homes

69.5%



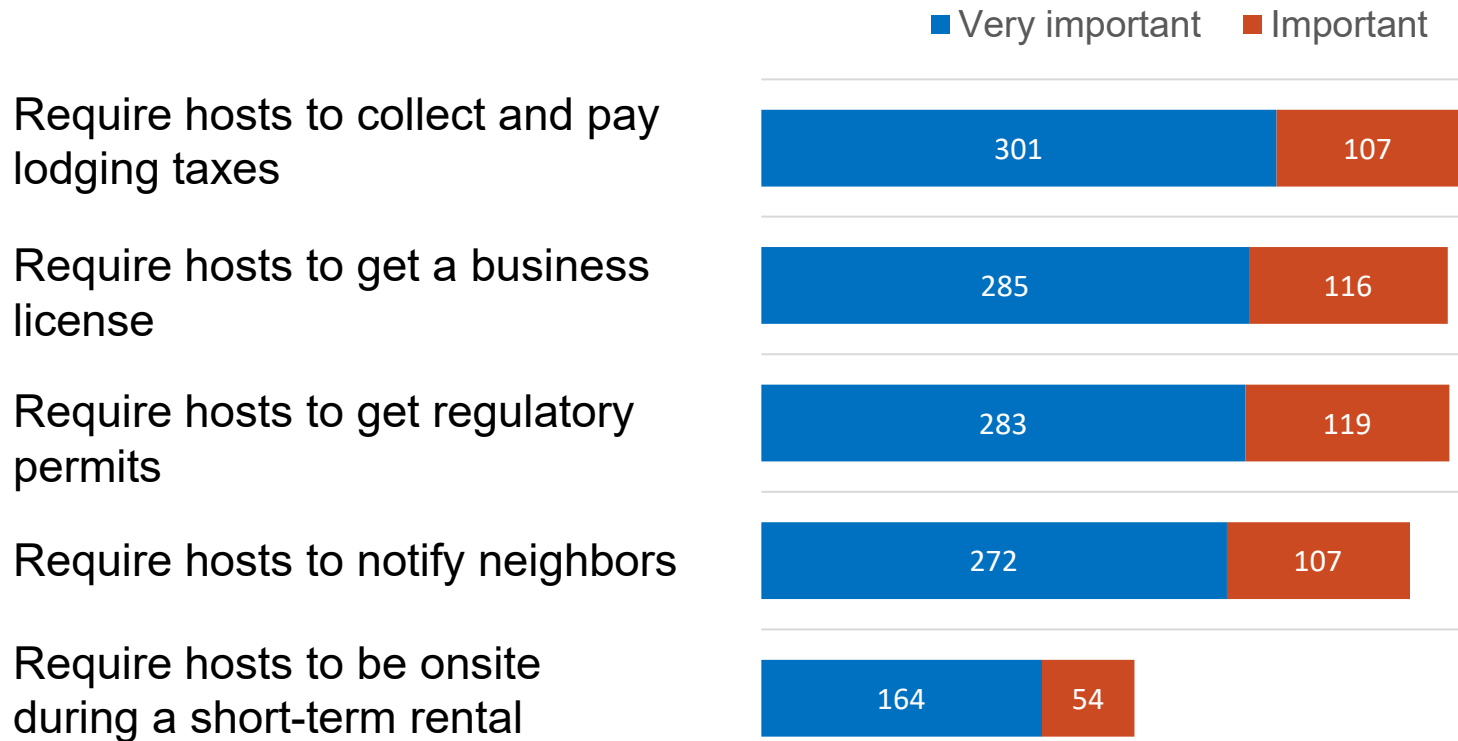
Apartments

56.7%

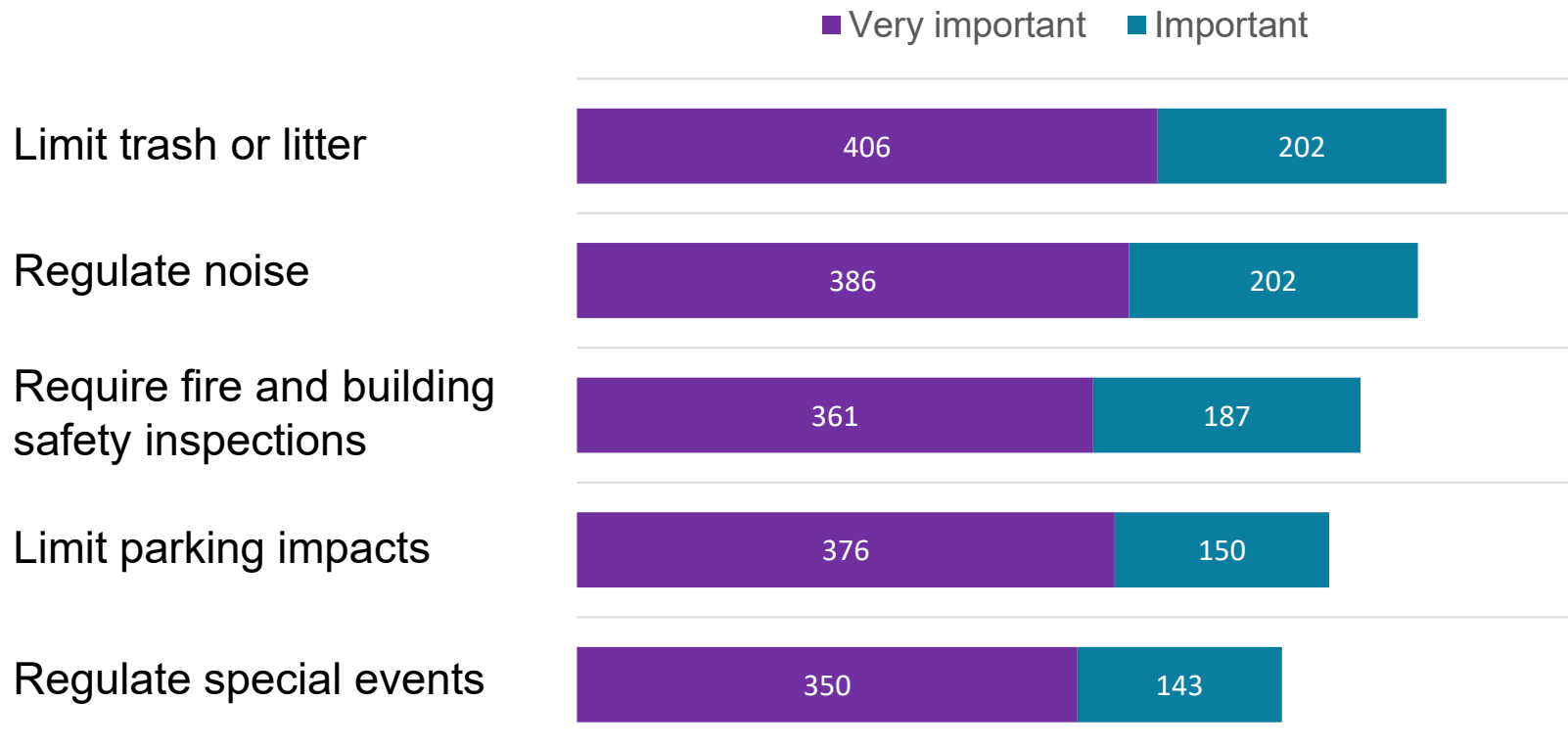


STRs should not  
be allowed  
anywhere

# How important are possible requirements?

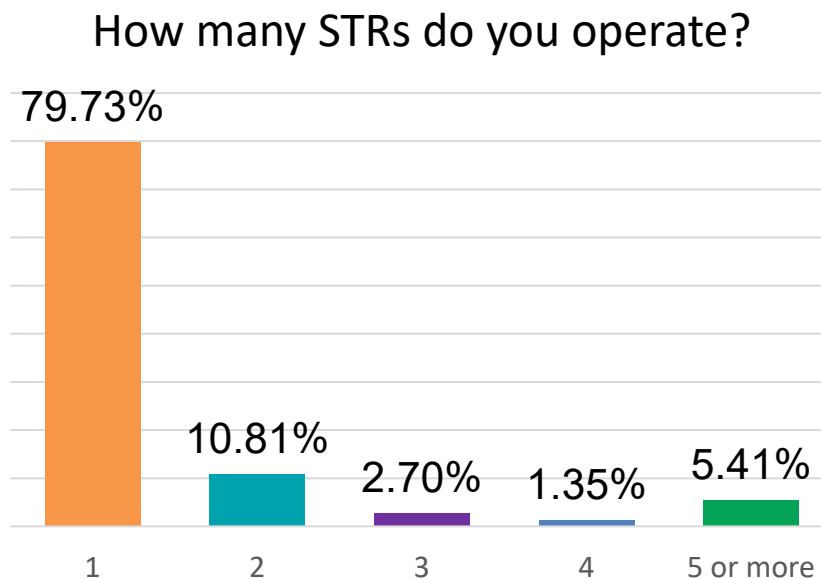


# How important are possible requirements?

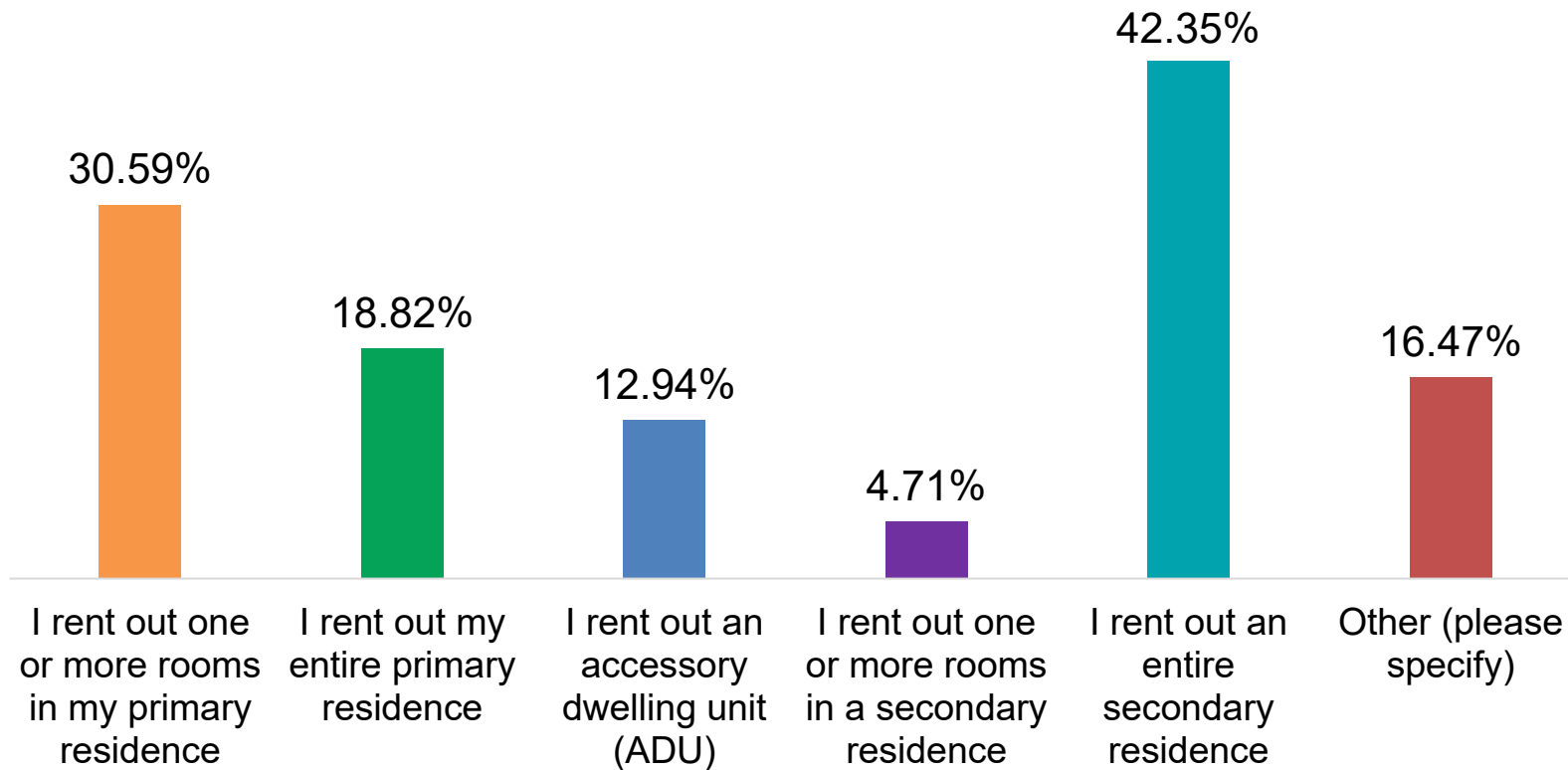


# Short-Term Rental Host Survey

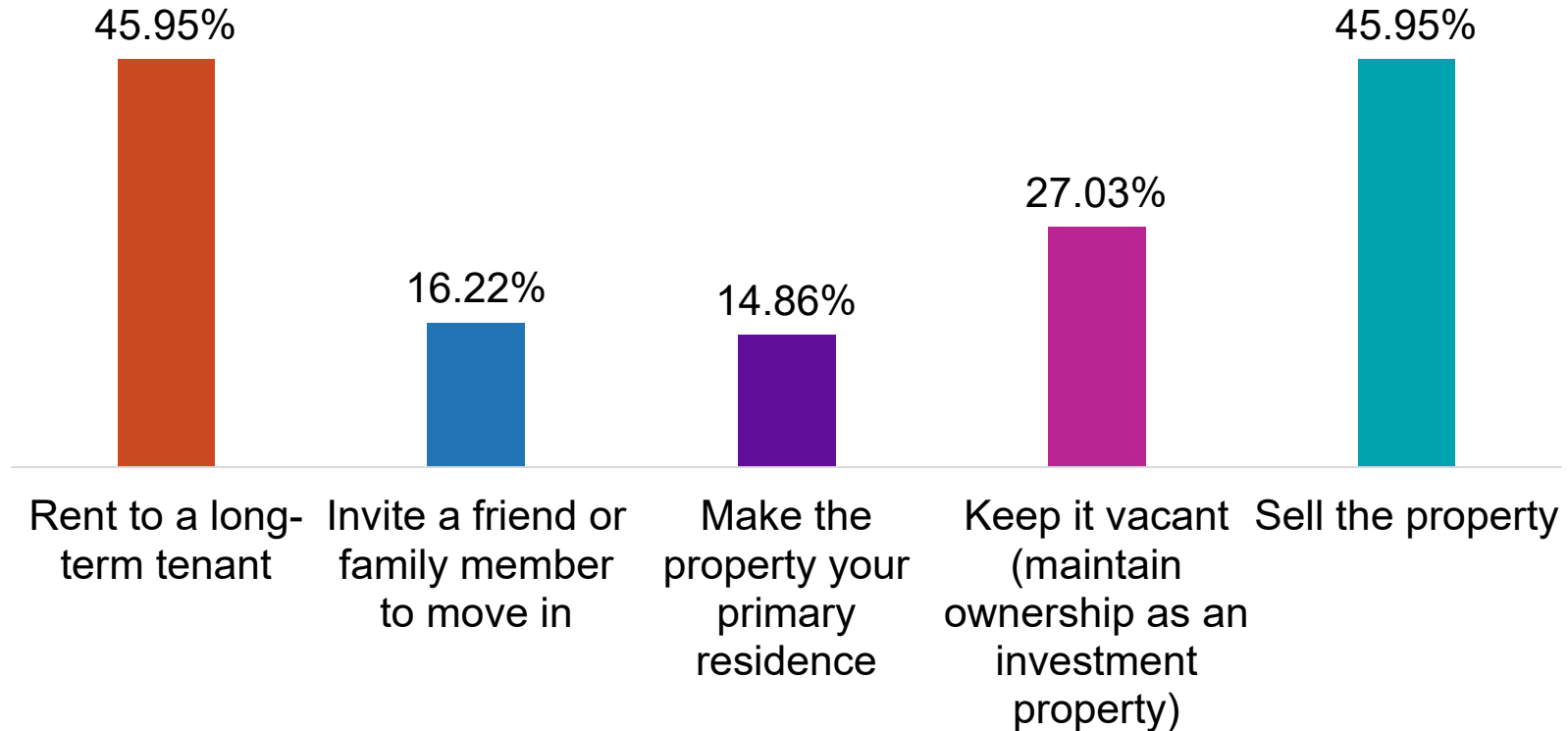
- City staff shared a link to a separate survey with roughly **300 short-term rental hosts** via direct mail
- **85 short-term rental hosts** completed the survey between Feb. 3 and March 6, 2022
- **79.73%** of respondents operate one STR



# Respondents' experiences with STRs

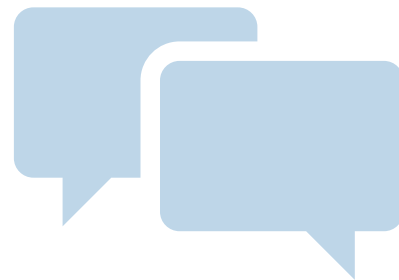


# If you couldn't operate an STR, what would you do?



# Conversation Summary: STR Hosts

- Held four virtual one-hour conversations with roughly 30 short-term rental hosts
- Most hosts lived in Vancouver for at least five years and owned 1-2 short-term rentals
- Hosts appreciate supplemental income for mortgage payments, retirement, and medical expenses
- Guests staying at STRs include families looking for different accommodations, local people getting work done on their home, visiting family, traveling for work





# Conversation Summary: Housing Advocates

- Staff interviewed community focused organizations including Fourth Plain Forward, Council for the Homeless, and Evergreen Habitat for Humanity
- Converting existing housing stock into short-term rentals removes long-term housing options from the market
- Overall, allowing short-term rentals will exacerbate the affordable housing crisis
- It's important to put in place safeguards so our low-income communities don't get left behind.



# Conversation Summary: Hotels and Tourism

- Staff held an online small group conversation with hotel industry and tourism professionals
- Overall believe short-term rentals should be beholden to the same regulations as hotels
- Short-term rentals should be required to have same inspections and regulations as hotels, including those related to: occupational safety (OSHA), fire and safety inspections, electrical, plumbing, ADA compliance, and the state tourism office



# Next Steps/Options

- Develop an immediate regulatory response. Amend the code to allow short-term rentals in residential zones including implementing a permit process.
- Maintain the status quo/begin proactive code enforcement. Additional resources likely needed.





**Staff Report: 078-22**

**TO:** Mayor and City Council

**FROM:** Eric Holmes, City Manager

**DATE:** 6/27/2022

**SUBJECT** Increase to the spending limit on existing King County contract #6166037 to support the purchase of calcium nitrate for the city sewer system

**Key Points**

- The City purchases calcium nitrate from Evoqua Water Technologies LLC through King County contract #6166037.
- The current authorized contract amount of \$300,000 is not sufficient to accommodate future purchases. The total not to exceed amount needs to be increased.
- The original contract was competitively bid and conforms to the bidding requirements set forth by the State of Washington.
- The current contract runs through May 2025.
- Staff is requesting a contract spending authorization increase for an additional \$450,000 for Evoqua (\$750,000 total) for the remainder of the contract ending May 10, 2025.

**Strategic Plan Alignment**

**Goal 1, Objective 1.2:** Ensure our infrastructure, specifically city sewer system, is safe, environmentally responsible and well maintained

**Present Situation**

To maintain, operate, and decrease degradation of the City sewer pipes, calcium nitrate is added to the system to decrease the production of hydrogen sulfate gas (H<sub>2</sub>S). H<sub>2</sub>S is a by-product of waste and causes pipe corrosion and obnoxious odors. The City purchases calcium nitrate through a piggyback contract with King County. The contract has reached the City's allowed purchasing limits and require Council approval and authorization for additional purchases over \$300,000 for the expected costs that will be incurred over the remaining life of the contract, which runs through May 10, 2025. Purchasing via the piggyback contract allows for significant unit price savings due to the competitive bidding of the original King Country contract.

Failure to purchase calcium nitrate will result in H<sub>2</sub>S build up with the result of significant odor complaints and eventual corrosion of concrete pipes, leading to costly replacement or pipe

collapse and sewer overflows.

**Advantage(s)**

1. Will allow the City to purchase materials to maintain the City's sewer system for the next three years.
2. Will prevent noxious sewer odors and prevent early replacement of pipes and/or pipe collapse.

**Disadvantage(s)**

None

**Budget Impact**

Purchases from these two contracts will be made using existing funds that have been approved as part of the 2021-2022 Biennial Budget. Purchases will also be made using approved funds through the 2023-2024 Biennial Budget process. No additional budgetary action is required or requested.

**Prior Council Review**

None

**Action Requested**

Authorize and approve an increase of \$450,000 (\$750,000 total contract) to the piggyback King County contract #6166037 for purchase of Calcium Nitrate from Evoqua Water Technologies.

*Eric Schadler, Sewer Engineering Program Manager, 360-487-7777*

**ATTACHMENTS:**

- ▣ Contract



KingCounty

**Finance and Business Operations Division**  
**Procurement and Contracts Services Section**  
**Department of Executive Services**

CNK-ES-0340  
3<sup>rd</sup> Floor  
401 5<sup>th</sup> Avenue  
SEATTLE, WA 98104

206-263-9400 Ph  
206-296-7676 Fax  
TTY Relay: 771  
[www.kingcounty.gov](http://www.kingcounty.gov)

**CONTRACTOR:**  
**EVOQUA WATER TECHNOLOGIES LLC**  
**2650 TALLEVAST RD**

**SARASOTA, FL 34243 United States**  
**Fax: (1951) 2966033**

**BILL TO:**  
**KC DES FBOD ACCOUNTS PAYABLE**  
**401 5TH AVE, CNK-ES-0320**  
**SEATTLE, WA 98104**

**SHIP TO:**  
**KC DNRP WTD RENTON OPERATIONS**  
**1200 MONSTER RD SW, RTP-NR-0100**  
**RENTON, WA 98057**

**CONTRACT**

|                              |                        |                |
|------------------------------|------------------------|----------------|
| CONTRACT NO.<br>6166037      | REVISION<br>0          | PAGE<br>1 of 1 |
| CREATION DATE<br>07-MAY-2020 | BUYER<br>LINDA MCKINLY |                |
| DATE OF REVISION             | BUYER                  |                |

| CONTRACTOR NO | PAYMENT TERMS | FREIGHT TERMS | FOB                          | SHIP VIA       | CONFIRM TO                |
|---------------|---------------|---------------|------------------------------|----------------|---------------------------|
| 532189        | NET20DAYS     | PAID          | DESTINATION,<br>FREIGHT PAID | Seller Chooses | Telephone: (800) 566-1568 |

**DESCRIPTION**

**Term Purchase Agreement**

Furnish supply and delivery of Calcium Nitrate Double Salt and Odor Control Service as requested by authorized King County personnel. Services to be conducted in accordance with King County Invitation to Bid (ITB) #1007-20-LSM, and the responding offer of Evoqua Water Technologies, LLC., both incorporated by reference as if fully set forth herein.

Contract Term: May 11, 2020 - May 10, 2025

Ammonium Calcium Nitrate, Double Salt - Bioxide Plus - \$2.25/gal

Estimated Contract Value - \$5,500,000.00

  
Authorized Signature

# Invitation to Bid (ITB)

## Addendum 1



King County

Department of Executive Services  
Finance and Business Operations Division  
**Procurement and Payables Section**

206-263-9400

TTY Relay: 711

**ADDENDUM DATE: MARCH 5, 2020**

ITB Title: Supply and Delivery of Calcium Nitrate Double Salt & Odor Control Service

ITB Number: 1007-20-LSM

Due Date: March 19, 2020 - 2:00 p.m. PT

Buyer: Linda McKinly, linda.mckinly@kingcounty.gov, 206-263-9701

Alternate Buyer: Victoria Nakamichi, vicki.nakamichi@kingcounty.gov 206-263-9299

This addendum is issued to respond to questions received regarding ITB 1007-20-LSM, advertised February 27, 2020, as follows:

**The following answers are in response to questions received:**

- 1. Question:** I have heard that some of the delivery site locations for this product are difficult to access. Would it be possible to schedule a site visit?

**Answer:** No, due to Coronavirus concerns, a formal site visit will not be scheduled. Bidders are welcome to drive to these locations, view the pump station, and follow-up via email to Buyer with any questions as soon as possible, but no later than **March 12, 2020**.

Some of the pump stations that house the chemical tanks are a bit difficult to access. To unload at these stations, a smaller, straight tanker truck is required. Three of these stations are listed below:

| Station Name | Address                                   | Contract       | Phone        |
|--------------|-------------------------------------------|----------------|--------------|
| North Mercer | 7631 NE 22nd St., Mercer Island, WA 98040 | Steve Yee      | 206-263-1832 |
| Hollywood    | 14815 NE 124th St., Redmond, WA 98052     | Steve Yee      | 206-263-1832 |
| West Seattle | 30581 Harbor Ave. SE, Seattle, WA 98126   | Showell Osborn | 206-477-9771 |

In all other respects, the ITB remains unchanged

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Upon request, this Invitation to Bid Addendum will be provided in alternative formats such as Braille, large print, audiocassette or computer disk for individuals with disabilities.

# Invitation to Bid (ITB)

## Addendum # 2



Department of Executive Services  
Finance and Business Operations Division  
**Procurement and Payables Section**  
206-263-9400 TTY Relay: 711

**ADDENDUM DATE: MARCH 16, 2020**

ITB Title: Supply and Delivery of Calcium Nitrate Double Salt & Odor  
Control Service

ITB Number: [1007-20-LSM](#)

**REVISED DUE DATE: March 26, 2020 - 2:00 p.m. PT**

Buyer: Linda McKinly, [linda.mckinly@kingcounty.gov](mailto:linda.mckinly@kingcounty.gov), 206- 263-9701

Alternate Buyer: Victoria Nakamichi [vicki.nakamichi@kingcounty.gov](mailto:vicki.nakamichi@kingcounty.gov), 206- 263-9299

This addendum is issued to revise ITB 1007-20-LSM advertised February 27, 2020, as follows:

1. Change the Due Date to **March 26, 2020** – 2:00 p.m. PT.

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Upon request, this Invitation to Bid Addendum will be provided in alternative formats such as Braille, large print, audiocassette or computer disk for individuals with disabilities.



# Invitation to Bid (ITB)

## Addendum #3



Department of Executive Services  
Finance and Business Operations Division  
**Procurement and Payables Section**  
206-263-9400 TTY Relay: 711

**ADDENDUM DATE: MARCH 17, 2020**

|                  |                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------------------------------------------|
| ITB Title:       | Supply and Delivery of Calcium Nitrate Double Salt & Odor Control Service                                             |
| ITB Number:      | <a href="#">1007-20-LSM</a>                                                                                           |
| Due Date:        | March 26, 2020 - 2:00 p.m. PT                                                                                         |
| Buyer:           | Linda McKinly, <a href="mailto:linda.mckinly@kingcounty.gov">linda.mckinly@kingcounty.gov</a> , 206- 263-9701         |
| Alternate Buyer: | Victoria Nakamichi <a href="mailto:vicki.nakamichi@kingcounty.gov">vicki.nakamichi@kingcounty.gov</a> , 206- 263-9299 |

This addendum is issued to revise ITB 1007-20-LSM, advertised February 27, 2020, as follows:

1. The Due Date will remain the same.
2. Cover page, **DELETE**: Sealed Bids are hereby solicited and will only be received by: King County Procurement & Payables Section Chinook Building, 3rd Floor 401 Fifth Avenue Seattle, WA 98104 Office Hours: 8:00 a.m. – 5:00 p.m. PT Monday – Friday

**REPLACE** with: In response to Novel Coronavirus (Covid-19), Sealed bids will only be received in one (1) pdf. document via email to [procurement.submittals@kingcounty.gov](mailto:procurement.submittals@kingcounty.gov) containing the ITB# and Description on the subject line no later than the date and time listed on the cover page unless amended by King County.

**Public Bid Opening will be conducted only via Skype or telephone.** To attend the Skype Bid Opening meeting, follow this link: [Join Skype Meeting](#) or by telephone at 1-206-263-8114. The Conference ID is: 811349.

3. Section 1, Instruction to Bidders, Item 1.2 , Third paragraph: **DELETE**: Sealed bids shall contain all required attachments and information and be submitted to King County (hereinafter "County") no later than the date, time and place stated on the front of this ITB or as amended. The Bidder shall show the title and number, the due date specified, and the name and address of the Bidder on the face of the envelope. Bidders are cautioned that failure to comply may result in non-acceptance of the bid. The Bidder accepts all risks of late delivery of mailed bids or of mis-delivery regardless of fault. Bids properly and timely submitted will be publicly opened.

**REPLACE** with: Electronic bids shall contain all required attachments and information and be submitted to King County (hereinafter "County") no later than the date, time as amended above. The Bidder shall have the title and solicitation number on the subject line of the email submittal to [procurement.submittal@kingcounty.gov](mailto:procurement.submittal@kingcounty.gov) , Bidders are cautioned that failure to comply may result in non-acceptance of the bid. The Bidder accepts all risks of late delivery of

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Upon request, this Invitation to Bid Addendum will be provided in alternative formats such as Braille, large print, audiocassette or computer disk for individuals with disabilities.

electronic bids. Electronic bids received in a timely manner will be publicly opened as amended in item 1 of this Addendum.

# Invitation to Bid (ITB)



Department of Executive Services  
Finance and Business Operations Division  
**Procurement and Payables Section**  
206-263-9400 TTY Relay: 711

**ADVERTISED DATE: FEBRUARY 27, 2020**

ITB Title: Supply and Delivery of Calcium Nitrate Double Salt & Odor Control Service

ITB Number: 1007-20-LSM

Due Date: March 19, 2020 - 2:00 p.m. PT

Buyer: Linda McKinly, linda.mckinly@kingcounty.gov, 206- 263-9701

Alternate Buyer: Victoria Nakamichi vicki.nakamichi@kingcounty.gov, 206- 263-9299

Furnish Calcium Nitrate Double Salt and Odor Control Serve as requested by King County personnel in accordance with the attached instructions, requirements and specifications.

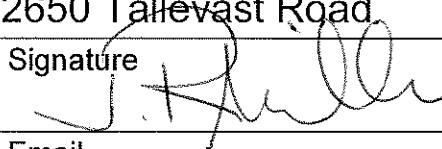
**TOTAL BID PRICE: \$ \$1,350,000.00**

## NO PRE-BID CONFERENCE

Sealed Bids are hereby solicited and will only be received by:  
King County Procurement & Payables Section  
Chinook Building, 3rd Floor  
401 Fifth Avenue  
Seattle, WA 98104  
Office Hours: 8:00 a.m. – 5:00 p.m. PT  
Monday - Friday

## BIDDERS SHALL COMPLETE AND SIGN THE FORM BELOW.

We acknowledge that all Addenda have been examined as part of the Contract documents. The submittal is signed by an authorized representative of the Bidder accepting all terms and conditions contained in the bid and any addenda. We acknowledge that attaching our terms and conditions or modifying the ITB terms and conditions may result in our bid being rejected.

|                                                                                     |                                                                                                                         |                         |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------|
| Company Name                                                                        |                                                                                                                         |                         |
| Evoqua Water Technologies LLC                                                       |                                                                                                                         |                         |
| Address                                                                             |                                                                                                                         | City/State /Postal Code |
| 2650 Tallevast Road                                                                 |                                                                                                                         | Sarasota, FL 34243      |
| Signature                                                                           | Print name and title                                                                                                    |                         |
|  | Jennifer R. Miller, V.P. & G.M.                                                                                         |                         |
| Email                                                                               | Phone                                                                                                                   | Fax                     |
| municipalservices@evoqua.com                                                        | 941-359-7930                                                                                                            | 941-358-7985            |
| Company Headquarters Located in State/Province of                                   |                                                                                                                         |                         |
| Pittsburgh, PA                                                                      |                                                                                                                         |                         |
| SCS/DBE Certification Number                                                        | <input type="checkbox"/> This bid submittal contains information that is confidential, proprietary or a business secret |                         |
| N/A                                                                                 |                                                                                                                         |                         |

Upon request, this Invitation to Bid will be provided in alternative formats such as Braille, large print, audiocassette or computer disk for individuals with disabilities.

electronic bids. Electronic bids received in a timely manner will be publicly opened as amended in item 1 of this Addendum.

## **SECTION 1      Instruction to Bidders**

### **1.1      Introduction**

The purpose of this Invitation to Bid is to establish a contract to provide goods or services on an as-needed basis. Any quantities listed herein are for bidding purposes only and represent King County's estimated annual requirements. The County will be neither obligated nor restricted to the quantities or locations indicated.

### **1.2      Bid Submittal Procedure**

The original and one (1) copy of this entire solicitation document shall be completed, signed and submitted along with an electronic copy in native format, submitted on two (2) flash drive(s). Failure to return this solicitation document may result in disqualification of the Bidder. The original shall be noted or stamped "original". Bids and modifications thereof shall be enclosed in a sealed envelope, with the "Bid Opening Label" or facsimile completed and affixed.

Bidders are encouraged to use recycled paper in the preparation of additional documents submitted with this solicitation and shall use both sides of paper sheets where practicable.

Sealed bids shall contain all required attachments and information and be submitted to King County (hereinafter "County") no later than the date, time and place stated on the front of this ITB or as amended. The Bidder shall show the title and number, the due date specified, and the name and address of the Bidder on the face of the envelope. Bidders are cautioned that failure to comply may result in non-acceptance of the bid. The Bidder accepts all risks of late delivery of mailed bids or of mis-delivery regardless of fault. Bids properly and timely submitted will be publicly opened.

Bids will only be accepted from Contractors able to complete the delivery of goods or services described in the specifications. Joint ventures shall submit one bid for the team, with accompanying proof of the joint venture agreement.

To improve our service, if a firm chooses not to submit a bid, the County requests the firm advise the Buyer by email and state reason they did not submit a bid.

### **1.3      Electronic Commerce, and Correspondence and Submittals**

King County is committed to reducing costs and facilitating quicker communication to the community by using electronic means to convey information. As such, most Invitations to Bid, Requests for Proposal, and Requests for Qualifications as well as related exhibits, appendices, and issued addenda can be found on the King County Internet Web Site, located at [www.kingcounty.gov/procurement](http://www.kingcounty.gov/procurement). Current bidding opportunities and information are available by accessing Solicitations & Bids.

King County Procurement & Payables Section features an Online Vendor Registration (OVR) program that permits vendors, consultants and contractors to register their business with the County. This OVR system allows interested parties to either directly register their firm by creating a unique User ID, or to visit the website as a Guest. Information regarding bid documents will be available to all users; however, site visitors accessing the site as a Guest will not be able to document their interest in a project or add their name to the document holder's list. They will receive no automatic notification of issued addenda.

As such, the County encourages full registration in order to directly communicate with document holders regarding any issued addenda or other important information concerning the solicitation.

Full information on vendor registration is available at the website.

After submittals have been opened in public, the County will post electronic versions of all bids submitted in response to this ITB along with a listing of the bidders within 24 hours and, later, any final award determination. The documents posted may not fully represent complete submittals received by the county. Their posting is for informational purposes only and does not constitute any evaluation, clarification, correction of minor irregularities or any decision made by the County.

Bidders shall indicate if the bid submitted contains information deemed confidential, proprietary or a business secret by checking the checkbox on the ITB cover page. Failure to do so may result in their submittal being posted online as described above.

#### **1.4 Alterations to Document**

Any addition, limitation or provision made or attached to the bid may render it non-responsive and/or irregular and be cause for its rejection.

Bidders may be required to submit additional documents as part of the bid package. Any alteration of such documents by erasure or interlineations shall be explained or noted and initialed by the Bidder.

#### **1.5 Late Bids**

Bids, modifications of bids, and withdrawal of bids received at the office designated in the solicitation after the exact hour and date specified for receipt will not be considered.

#### **1.6 Cancellation of ITB or Postponement of Bid Opening**

The County reserves the right to cancel the ITB at any time.

The County may change the date and time for submitting bids prior to the date and time established for submittal.

#### **1.7 Addenda**

If at any time, the County changes, revises, deletes, clarifies, increases, or otherwise modifies the ITB, the County will issue a written Addendum to the ITB.

#### **1.8 Questions and Interpretation of the ITB**

No oral interpretations of the ITB will be made to any Bidder. All questions and any explanations must be submitted in writing and directed to the Buyer no later than seven (7) days prior to the due date specified in the solicitation. Oral explanations or instructions are not binding. Any information modifying a solicitation will be furnished to all Bidders by an addendum.

Days, as referenced in this document, are calendar days unless otherwise specified.

Communications concerning this bid, with other than the listed Buyer may cause the Bidder to be disqualified.

## **1.9 Examination of Bid Documents**

The submission of a bid shall constitute an acknowledgement upon which the County may rely that the Bidder has thoroughly examined and is familiar with the ITB, including any work site identified in the ITB, and has reviewed and inspected all applicable statutes, regulations, ordinances and resolutions addressing or relating to the goods or services to be provided hereunder.

The failure of a Bidder to comply with above requirement shall in no way relieve the Bidder from any obligations with respect to its bid or to any Contract awarded pursuant to this ITB. No claim for additional compensation shall be allowed which is based upon a lack of knowledge or misunderstanding of this ITB.

## **1.10 Modifications of Bid or Withdrawal of Bid Prior to Bid Due Date**

Modifications or withdrawal of bids already received will be considered only if the requested modification or withdrawal is made prior to the scheduled closing time for the receipt of the bids. All modifications or withdrawals must be made in person or in writing by the Bidder or authorized representative.

## **1.11 Bid Withdrawal After Public Opening**

Except for claims of error granted by the County, no Bidder may withdraw a bid after the date and time established for submitting bids, or before the award and execution of a Contract pursuant to this ITB, unless the award is delayed for a period exceeding the period for bid effectiveness.

Requests to withdraw a bid due to error must be submitted in writing along with supporting evidence for such claim for review by the county. Evidence must be delivered to the County within two (2) business days after request to withdraw. The County reserves the right to require additional records or information to evaluate the request. Any review by the County of a bid and/or any review of such a claim of error, including supporting evidence, creates no duty or liability on the County to discover any other bid error or mistake, and the sole liability for any bid error or mistake rests with the Bidder.

## **1.12 Cost of Bid and Samples**

The County is not liable for any costs incurred by Bidder in the preparation and evaluation of bids submitted. Samples of items required must be submitted to the location and by the time specified. Unless otherwise specified, samples shall be submitted with no expense to the County.

## **1.13 Collusion**

By signing this bid, the Bidder certifies that they have not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding. If the County determines that collusion has occurred among Bidders, none of the bids from the participants of such collusion will be considered. The County's determination will be final.

#### **1.14 Bid Effective Date**

All bids submitted shall be a firm bid for a minimum period of ninety (90) days after the bid opening date, unless otherwise stated in writing in the bid. The County may request a Bidder grant an extension of the bid effective period.

#### **1.15 Bid Price and Tax**

The bid price shall include everything necessary for the prosecution and completion of the Contract, except as may be provided otherwise in this ITB.

Bid Prices shall include all freight charges, Freight on Board (FOB) to the designated delivery point(s).

Taxes: Sales/Use taxes and Federal Excise taxes shall not be included in the bid price. The County shall pay any Washington State Sales/Use taxes applicable to the Contract price or tender an appropriate amount to the Contractor for payment to Washington State. The Bidder is cautioned that taxes may be a factor in evaluating the total cost of bid.

The County is exempt from Federal Excise and Transportation taxes. All other government taxes, duties, fees, licenses, permits, royalties, assessments and charges shall be included in the bid price. Said exemption is made pursuant to Chapter 32 of the Internal Revenue Code and Registry No. A-1 02374. When requested, an exemption certificate will be furnished.

#### **1.16 Protest Procedures**

King County has a process in place for receiving protests based upon invitation to bid or contract awards. The protest procedures are available at <http://www.kingcounty.gov/depts/finance-business-operations/procurement/for-business/do-business/protest.aspx>



## **SECTION 2      Bid Evaluation and Contract Award**

### **2.1      Evaluation of Bids**

Bids will be evaluated by the County to determine which bid, if any, may be deemed to be the low responsive bid from a responsible bidder, and should be accepted in the best interest of the County.

The King County Contracting Opportunities Program is incorporated in this ITB. The determination of lowest responsive, responsible bidder will include the application of a five percent (5%) incentive factor for Small Contractors and Suppliers (SCS).

King County may use prompt payment discount terms in evaluation of this ITB; however, discounts terms of less the twenty (20) days will not be considered. Minimum acceptable payment terms by the County without benefit of a twenty (20) day discount will be Net 30 days.

In the event of a discrepancy between the unit price and the extended amount for a bid item, the unit price will govern.

### **2.2      Responsive and Responsible**

#### **Responsive**

The County will consider all the material submitted by the Bidder, and other evidence it may obtain otherwise, to determine whether the Bidder is in compliance with the terms and conditions set forth in this ITB.

#### **Responsible**

In determining the responsibility of the Bidder, the County may consider the ability, capacity and skill to perform the Contract or provide the service required (inspection of the Bidder's facility may be required prior to award); the character, integrity, reputation, judgment and efficiency; financial resources to perform the Contract properly and within the times specified; the quality and timeliness of performance on previous contracts with the County and other agencies, including, but not limited to, the effort necessarily expended by the County and other agencies in securing satisfactory performance and resolving claims; compliance with federal, state and local laws and ordinances relating to public contracts; other information having a bearing on the decision to award the Contract.

Failure of a Bidder to be deemed responsible or responsive may result in the rejection of their bid.

### **2.3      Responsible Contracting**

#### **A.      Contractor Responsibility – Compliance with Federal, State and Local Law**

For all contracts with a value of \$100,000 or more, the selected Bidder must meet the requirements set forth in King County Code 2.93.120 regarding historic compliance with environmental, worker safety, and labor and human trafficking laws. Historic compliance is defined as a minimum of three (3) years preceding the submittal date for the solicitation.

The County shall conduct a review in order to determine the selected Bidder's responsibility related to these areas. Failure to fully answer any responsibility question, or

otherwise be out of compliance with the requirements of the code as determined by the County, shall eliminate the Bidder from consideration of award.

- B. Note that the County will issue the "King County Responsibility Detail & Attestation Form" to the low, Responsive, Responsible Bidder, who will then complete the form and return it to the County within a time period to be specified in the transmittal.

## **2.4 Financial Resources and Auditing**

If requested by the County, prior to the award of a contract, the Bidder shall submit proof of adequate financial resources available to carry out the execution and completion of Work required by the contract.

King County reserves the right to audit the Contractor throughout the term of the contract to assure the Contractor's financial fitness to perform and comply with all terms and conditions contained within the contract. King County will be the sole judge in determining the Contractor's financial fitness in carrying out the terms of the contract.

## **2.5 King County Contracting Opportunities Program**

The purpose of the King County Contracting Opportunities Program is to maximize the participation of Small Contractors and Suppliers (SCS) through the use of an incentive factor in the award of King County contracts for the purchase of goods or services. The Program is open to all SCS firms certified by King County's Business Development and Contract Compliance Office. To learn more about this program, or becoming a Certified Firm, as well as a list of Certified Firms, visit the King County Contracting Opportunities Program Web-site at [www.kingcounty.gov/BDCC](http://www.kingcounty.gov/BDCC) or contact the Program office at [SCSCertification@kingcounty.gov](mailto:SCSCertification@kingcounty.gov)

## **2.6 Sustainable Purchasing Policy**

Bidders able to supply sustainable goods and services that meet design and performance requirements are encouraged to offer them in bids when not otherwise prohibited. Sustainable goods and services provide environmental, social, and economic benefits while protecting human health and the environment over the entire life cycle of the good or service, from the extraction of raw materials through final disposal.

To ensure that products and services meet sustainability criteria, the Sustainable Purchasing Policy authorizes King County purchasers to prioritize the use of ecolabels, and environmental standards and certifications recommended by the U.S. Environmental Protection Agency (EPA) and those accredited by third-party organizations. (Reference: KCC 18.20).

## **2.7 Forms Required Before Contract Award**

The Bidder shall submit, within five (5) Days of notification from the County, the applicable documents, insurance, bonds, sworn statements, and other requirements prior to award. Failure by the Bidder to submit required documents may result in rejection of the bid.

- **Equal Benefit Declaration Form** – If requesting alternative compliance.
- **Internal Revenue Service Form KC W-9** – If not provided to King County within the past two (2) years.

- **Certificate of Insurance and Endorsement** – Have Insurance Agent e-mail to Buyer evidence of insurance from insurer(s) satisfactory to the county certifying to the coverage of insurance set forth in this ITB.
- **Responsibility Attestation and Detail Form** – If determined to be the low, Responsive, Responsible Bidder.

## **2.8 Rejection of Bids**

The County reserves the right to reject any bid for any reason or to waive informalities and irregularities in bids.

In consideration for the County's review and evaluation of its bid, the Bidder waives and releases any claims against the County arising from any rejection of any or all bids, including any claim for costs incurred by Bidders in the preparation and presentation of bids submitted in response to this ITB. In addition, Bidders waive the costs of providing additional information requested.

## **2.9 Single Bid Receipt**

If the County receives a single responsive, responsible bid, the County may request an extension of the bid acceptance period and/or conduct a price or cost analysis on such bid. The Bidder shall promptly provide all cost or pricing data, documentation and explanation requested by the County to assist in such analysis. By conducting such analysis, the County shall not be obligated to accept the single bid; the County reserves the right to reject such bid or any portion thereof.

## **2.10 Public Disclosure of Bids**

Bid submittals and Contracts shall be considered public documents and will be available for inspection and copying by the public in accordance with the Public Records Act, Chapter 42.56 RCW (the "Act").

Bidders and Contractors considering any portion of any record provided to the County under the Solicitation/Contract, whether in electronic or hard copy form, to be protected under law, the Contractor shall clearly identify each such portion with words such as "CONFIDENTIAL," "PROPRIETARY" or "BUSINESS SECRET." If a request is made for disclosure of such portion, the County will determine whether the material should be made available under the Act. If the County determines that the material is subject to disclosure, the County will notify the Bidder/Contractor of the request and allow the Bidder/Contractor ten (10) business days to take whatever action it deems necessary to protect its interests. If the Bidder/Contractor fails or neglects to take such action within said period, the County will release the portions of record(s) deemed by the County to be subject to disclosure. The County shall not be liable to the Bidder/Contractor for inadvertently releasing records pursuant to a disclosure request not clearly identified by the Bidder/Contractor as "CONFIDENTIAL," "PROPRIETARY" or "BUSINESS SECRET."

## **2.11 Contract Award**

Contract award, if any, will be made by the County to the low, Responsive, Responsible Bidder. The County will have no obligations until an award is made and an order placed with the Contractor.

The County reserves the right to award one (1) or more contracts as determined to be in the County's best interest. The County may accept any individual item, or group of items, or schedules of any bid, unless otherwise stated herein.

A written award emailed or otherwise furnished to a Contractor within the time for acceptance shall be a binding contract.

## **SECTION 3      Standard Contractual Terms and Conditions**

### **3.1      Administration**

The Contract is between the County and the Contractor who shall be responsible for providing the goods or services described herein. The County is not party to defining the division of work between the Contractor and its subcontractors. The Contractor represents that it has or shall obtain all duly licensed or qualified personnel, materials and equipment required to perform Work hereunder.

The Contractor's performance under the Contract may be monitored and reviewed by a Project Manager appointed by the County. Reports and data required to be provided by the Contractor shall be delivered to the Project Manager or Buyer. Questions by the Contractor regarding interpretation of the terms, provisions and requirements of the Contract shall be addressed to the Buyer or Project Manager for response.

### **3.2      Contract Amendments**

No oral order or conduct by the County shall constitute a Contract Amendment. Contract Amendments shall only be effective upon written notification by the County. The County reserves the right to amend the Contract to increase or decrease the minimum/maximum quantities, increase the not to exceed contract value, and/or add or delete goods or services within the intended scope of the contract. Adding goods and services may include, but is not limited to, approval of replacements for discontinued items, adjustment of estimated quantities, additional of items of like function or similar in nature or purpose to the originally listed products; the provision of ancillary services in response to minor changes in County needs; extension of the Contract to include optional terms.

Cost or Price Analysis may be required by the County for the evaluation of contract modifications, terminations, revision to contract requirements or other circumstances as determined by the County.

### **3.3      Contractor Name or Tax Structure Change**

If at any time during the Contract term the Contractor experiences a change in its name or federal tax status either through acquisition, novation, assignment, re-organization or some other change that affects its Taxpayer Identification Number (TIN) or Tax Reporting Name, it shall notify King County immediately upon the information becoming publicly available. This notification shall be sent by the Contractor to the current King County buyer via email along with:

- A. Any official announcements from the firm's representative(s) regarding the changes;
- B. A new King County W-9, located at:  
<https://www.kingcounty.gov/~media/depts/finance/procurement/forms/KC-W9.ashx?la=en>. Instructions for completing the document can be found at:  
[https://www.kingcounty.gov/~media/depts/finance/procurement/forms/KC-W9\\_Instructions\\_for\\_Business.ashx?la=en](https://www.kingcounty.gov/~media/depts/finance/procurement/forms/KC-W9_Instructions_for_Business.ashx?la=en)
- C. A current statement, listing of unfilled orders and electronic versions of all outstanding invoices and credit memos at the time of the change shall be provided to the buyer as soon as possible.

Any delay on the part of the Contractor to provide these items to the buyer may result in the delay of payment and orders. The County may create a new contract number to replace the existing one. All future orders and Contract Amendments or Change Orders will reference the new contract number.

### **3.4 Invoices and Payment**

The Contractor shall submit properly certified invoices to King County. The invoice(s) shall contain the following information:

- A. Invoice number;
- B. Invoice date;
- C. Purchase order number;
- D. Ship to address/location;
- E. Remit address;
- F. Item number(s);
- G. Description of supplies or services;
- H. Quantities;
- I. Unit prices;
- J. Subtotal and totals amount;
- K. Discount terms or amount, if applicable;
- L. Applicable sales tax with correct tax rate based on destination.

For services, identify specific deliverables, and/or hourly rates, hours worked, total hours or related fees.

The Contractor shall send the original invoice to the Bill-To address on the purchase order. The County will take advantage of any prompt payment discount terms bid. Discount periods shall be extended if the invoice is returned for credit or correction.

When a purchase order is issued against the Contract that has the potential for multiple or partial deliveries, a separate invoice shall be generated for each completed delivery accepted by the County.

Failure to comply with these requirements or to provide an invoice in conformance with the Contract may delay payment.

Upon acceptance of payment, the Contractor waives any claims for the goods or services covered by the Invoice. No advance payment shall be made for the goods or services furnished by Contractor pursuant to the Contract.

King County will not be bound by prices contained in an invoice that are higher than those in the currently approved price list. If a price increase has not been accepted in writing by King County, the invoice may be rejected and returned to the Contractor for a correction.

### **3.5 Rejection of Goods or Services**

After award, the Buyer or authorized County representative shall have the option of rejecting or refusing delivery of any and all goods or services which are not in strict conformity with the requirements of the specification and the bid. All rejected goods or services shall be promptly replaced or re-performed and be subject to approval by the County. All replacement goods and services shall be provided at the Contractor's own expense.

### **3.6 Re-procurement Costs**

When a Contractor fails to furnish goods or services in accordance with the terms of the Contract, and the County must purchase at a price greater than the contract price, the difference may be charged to the Contractor. The County may exercise this charge as a credit against invoices due the Contractor.

### **3.7 Termination for Convenience/Default/Non-Appropriation**

#### **A. Termination for Convenience**

The County for its convenience may terminate the Contract, in whole or in part, at any time by written notice sent certified mail, return receipt requested, to the Contractor. After receipt of a Notice of Termination ("Notice"), and except as directed by the County, the Contractor shall immediately stop work as directed in the Notice and comply with all other requirements in the Notice. The Contractor will be paid its costs, including necessary and reasonable Contract close-out costs and profit on that portion of the Work satisfactorily performed up to the date of termination as specified in the notice. The Contractor shall promptly submit its request for the termination payment, together with detailed supporting documentation. If the Contractor has any property in its possession belonging to the County, the Contractor shall account for the same and dispose of it in the manner the County directs. All termination payment requests may be subject to Cost or Price Analysis to determine reasonableness and compliance with the Contract and applicable laws and regulations.

#### **B. Termination for Default**

If the Contractor does not deliver Work in accordance with the Contract, or the Contractor fails to perform in the manner called for in the Contract, or the Contractor fails to comply with any material provisions of the Contract, the County may terminate the Contract, in whole or in part, for default as follows:

A Notice to Cure will be served on the Contractor by certified mail (return receipt requested) or a delivery service capable of providing a receipt. The Contractor shall have ten (10) Days from the date the Notice to Cure was served to cure the default or provide the County with a detailed written plan, which indicates the time and methods needed to bring the Work into compliance and cure the default.

If the Contractor has not cured the default or the plan to cure the default is not acceptable to the County, the County may terminate the Contract. Termination shall occur by serving a Notice of Termination by certified mail (return receipt requested) or delivery service capable of providing a receipt on the Contractor setting forth the manner in which the Contractor is in default and the effective date of termination.

The Contractor will only be paid for Work delivered and Accepted, or Work performed in accordance with the manner of performance set forth in the Contract less any damages to the County caused by or arising from such default. All termination payment requests are subject to Cost or Price Analysis to verify compliance with the Contract and applicable laws and regulations.

The termination of the Contract shall in no way relieve the Contractor from any of its obligations under the Contract nor limit the rights and remedies of the County hereunder in any manner.

C. Termination for Non-Appropriation

1. If expected or actual funding is withdrawn, reduced or limited in any way prior to [Final Acceptance and/or Completion of the Project], the County may, upon written notice to the Contractor, terminate the Contract in whole or in part for lack of appropriation. Such termination shall be in addition to the County's rights to terminate for convenience or default. In the event of termination under this section the following shall apply:
  - a. Subject to subsection b., the County will be liable only for payment in accordance with the terms of the Contract for Work performed prior to the effective date of termination;
  - b. Payment, if any, associated with such termination shall not exceed the appropriation for the biennium in which termination occurs; and
  - c. The Contractor shall be released from any obligation to provide further Work under the Contract affected by the termination.
2. Notwithstanding subsection 1, funding of the Contract beyond the current biennium is conditional upon the appropriation by the County Council of sufficient funds to support the Work described in the Contract. Otherwise, the Contract shall terminate on December 31 of the current biennium.

### 3.8 Force Majeure

The term force majeure shall include, without limitation by the following enumeration: acts of nature, acts of civil or military authorities, fire, accidents shutdowns for purpose of emergency repairs, industrial, civil or public disturbances, causing the inability to perform the requirements of the Contract. If any party is rendered unable, wholly or in part, by a force majeure event or any event cause not within such party's control, to perform or comply with any obligation or condition of the Contract, upon giving notice and reasonably full particulars to the other party, such obligation or condition shall be suspended only for the time and to the extent commercially practicable to restore normal operations. In the event the Contractor ceases to be excused pursuant to this provision, then the County shall be entitled to exercise any remedies otherwise provided for in the Contract, including Termination for Default.

Whenever a force majeure event causes the Contractor to allocate limited resources between or among the Contractor's customers, the County shall receive no less priority in respect to such allocation than any of the Contractor's other customers.



### **3.9 Taxes, Licenses, and Certificate Requirements**

The Contract and any of the Work provided hereunder is contingent and expressly conditioned upon the ability of the Contractor to provide the specified goods or services consistent with applicable federal, state or local laws and regulations. If, for any reason, the Contractor's required compliances are terminated, suspended, revoked or in any manner modified from their status at the time the Contract becomes effective, the Contractor shall notify the County immediately of such condition in writing.

The Contractor and subcontractor(s) shall maintain and be liable for all taxes (except sales/use taxes), fees, licenses, permits and costs as may be required by applicable federal, state or local laws and regulations as applicable to the Work under the Contract.

### **3.10 Assignment**

Neither party shall assign any interest, obligation or benefit under or in the Contract or transfer any interest in the same, whether by assignment or novation, without prior written consent of the other party. If assignment is approved, the Contract shall be binding upon and inure to the benefit of the successors of the assigning party. This provision shall not prevent the Contractor from pledging any proceeds from the Contract as security to a lender so long as King County Policy Fin 10-1-1 (AP). If assignment is approved, it shall be accepted by either party upon the posting of all required bonds, securities and the like by the assignee and the written agreement by assignee to assume and be responsible for the obligations and liabilities of the Contract, known and unknown, and applicable law.

### **3.11 Indemnification and Hold Harmless**

To the maximum extent permitted by law and except to the extent caused by the sole negligence of the County, the Contractor shall indemnify and hold harmless the County, its officers, officials, agents and employees, from and against any and all suits, claims, actions, losses, costs, penalties and damages of whatsoever kind or nature arising out of, in connection with, or incident to the goods and/or services Provided by or on behalf of the Contractor. In addition, the Contractor shall assume the defense of the County and its officers and employees in all legal or claim proceedings arising out of, in connection with, or incidental to such goods and/or services: shall pay all defense expenses, including reasonable attorney's fees, expert fees and costs incurred by the County on account of such litigation or claims. This indemnification obligation shall include, but is not limited to, all claims against the County by an employee or former employee of the Contractor or its subcontractors, and the Contractor, by mutual negotiation, expressly waives all immunity and limitation on liability, as respects the County only, under any industrial insurance act, including Title 51 RCW, other Worker's Compensation act, disability benefit act, or other employee benefit act of any jurisdiction which would otherwise be applicable in the case of such claim. In the event that the County incurs any judgment, award and/or cost including attorney's fees arising from the provisions of this subsection, or to enforce the provisions of this subsection, any such judgment, award, fees, expenses and costs shall be recoverable from the Contractor. In the event of litigation between the parties to enforce the rights under this subsection, reasonable attorney fees shall be allowed to the substantially prevailing party.

In the event the County incurs attorney fees and/or costs in the defense of claims under this provision such attorney fees and costs shall be recoverable from the Contractor.

In addition King County shall be entitled to recover from the Contractor its attorney fees, and costs incurred to enforce the provisions of this section.

The indemnification, protection, defense and save harmless obligations contained herein shall survive the expiration, abandonment or termination of the Contract.

Nothing contained within this provision shall affect and/or alter the application of any other provision contained within the Contract.

### **3.12 Applicable Law and Forum**

Except as hereinafter specifically provided, the Contract shall be governed by and construed according to the laws of the State of Washington, including, but not limited to, the Uniform Commercial Code, Title 62A RCW. Any claim or suit concerning the Contract shall only be filed in either the King County Superior Court or U.S. District Court for the Western District of Washington, in Seattle.

### **3.13 Conflicts of Interest and Non-Competitive Practices**

By entering into the Contract to perform Work, the Contractor represents that it has no direct or indirect pecuniary or proprietary interest, and that it shall not require any interest that conflicts in any manner or degree with the Work required to be performed under the Contract. The Contractor shall not employ any Person or agent having any conflict of interest. In the event that the Contractor or its agents, employees or representative's hereafter acquires such a conflict of interest, it shall immediately disclose such conflict to the County. The County shall require that the Contractor take immediate action to eliminate the conflict up to and including termination for default.

By entering into the Contract to perform Work, the Contractor represents that no Persons except as designated by Contractor shall be employed or retained to solicit or secure the Contract with an agreement or understanding that a commission, percentage, brokerage, or contingent fee would be paid; and no gratuities, in the form of entertainment, gifts or otherwise, were bided or given by the Contractor or any of its agents; employees or representatives, to any official, member or employee of the County or other governmental agency with a view toward securing the Contract or securing favorable treatment with respect to the awarding or amending, or the making of any determination with respect to the performance of the Contract.

### **3.14 Disputes, Claims and Appeals**

The Contractor shall address questions or claims regarding the Contract in writing to the Buyer and Project Manager, within ten (10) Days of the date on which the Contractor knows or should know of the question or claim. No claim by the Contractor shall be allowed if asserted after final payment under the Contract. No claim shall be allowed for any costs incurred more than ten (10) Days before the Contractor gives written notice, as required in this section. The Buyer and Project Manager shall ordinarily respond to the Contractor in writing with a decision, but absent such written response, the question or claim shall be deemed denied upon the tenth (10th) Day following receipt by the Buyer and Project Manager.

In the event the Contractor disagrees with the determination of the Buyer and Project Manager, the Contractor shall within five (5) Days of the date of such determination, appeal the determination in writing to the Procurement and Payables Section Chief Procurement Officer.

Such written notice of appeal shall include all information necessary to substantiate the appeal.

The Procurement and Payables Section Chief Procurement Officer shall review the appeal and make a determination in writing, which shall be final. Appeal to the Procurement and Payables Section Chief Procurement Officer shall be a condition precedent to alternative dispute resolution or litigation.

Pending final decision of a dispute hereunder, the Contractor shall proceed diligently with the performance of the Contract and in accordance with the direction of the Buyer or Project Manager. Failure to comply precisely with the time deadlines under this subsection as to any claim, shall operate as a waiver and release of that claim and an acknowledgement of prejudice to the County.

### **3.15 Maintenance of Records/Audits**

The Contractor shall maintain, and shall require any subcontractor to maintain, accounts and records, including personnel, property, financial, and programmatic records and such other records as may be deemed necessary by the County to ensure proper accounting for all contract funds and compliance with the Contract. All such records shall sufficiently and properly reflect all direct and indirect costs of any nature expended and services provided in the performance of the Contract. The Contractor shall make such documents available to the County for inspection, copying, and auditing upon request.

All records referenced in this section shall be maintained for a period of six (6) years after completion of work or termination hereof unless permission to destroy them is granted by the Office of the Archivist in accordance with RCW Chapter 40.14, or unless a longer retention period is required by law.

The Contractor shall provide access to its facilities, including those of any subcontractor, to the County, the State and/or Federal agencies or officials at all reasonable times in order to monitor and evaluate the services provided under the Contract.

The Contractor agrees to cooperate with the County or its designee in the evaluation of the services provided under the Contract and to make available all information reasonably required by any such evaluation process. The results and records of said evaluation shall be maintained and disclosed in accordance with RCW Chapter 42.56.

If the Contractor expended a total of \$500,000.00 or more in federal awards during its fiscal year, and is a non-profit organization, and is, under the Contract, carrying out or administering a program or portion of a program, it shall have an independent audit conducted in accordance with OMB Circular A-133, which shall comply with the requirements of GAAS (generally accepted auditing standards), GAO's Government Audit Standards and OMB Circular A-133, as amended and as applicable. Contractors expending federal awards from more than one (1) source shall be responsible for determining if the combined financial awards are equal to or greater than \$500,000.00. The Contractor shall provide one (1) copy of the audit report to each County division providing federal awards to the Contractor no later than nine (9) months subsequent to the end of the Contractor's fiscal year.

### **3.16 Other Public Agency Orders**

Other federal, state, county and local entities may utilize the terms and conditions established by the Contract if agreeable to all parties. The County does not accept any responsibility or involvement in the purchase orders or contracts issued by other public agencies.

If the Contractor agrees to extend the Contract to other governmental agencies, the Contract is subject to an Administrative Fee (Fee) of 1% (.01). The Fee shall be based on total sales made to each governmental agency outside of King County's Departments, Divisions and Agencies, less sales tax, freight and any credits(s). The Fee shall be paid by the Contractor, payable and remitted to King County Procurement and Payables Section not less than twice per year, on July 31<sup>st</sup> and January 31<sup>st</sup> for the first and second half of the year sales respectively. Fees submitted shall be accompanied by a sales report, reference the contract number, and show the total sales to other governmental agencies, excluding King County. The Contractor shall not invoice the Fee to any contract user.

### **3.17 Industrial and Hazardous Waste**

The Contractor shall comply with all applicable local ordinances, state and federal statutes, and supporting rules and regulations governing the discharge of industrial waste to public sewer, private sewer, or side sewer tributary to the metropolitan sewer system.

Contractor shall handle and dispose of all hazardous wastes in compliance with all applicable local, state and federal laws and regulations, including the Resource Conservation and Recovery Act, the Washington Hazardous Waste Management Act, and applicable rules and regulations of the Environmental Protection Agency and the Department of Ecology governing the generation, storage, treatment, transportation or disposal of hazardous wastes.

### **3.18 Patents and Royalties**

The Contractor is responsible for paying all license fees, royalties or the costs of defending claims for the infringement of any intellectual property that may be used in performing the Contract.

### 3.19 Nondiscrimination and Equal Employment Opportunity

- A. Nondiscrimination in Employment - During performance of the Contract, the Contractor agrees that it will not discriminate against any employee or applicant for employment because of the employee or applicant's sex, race, color, marital status, national origin, religious affiliation, disability, sexual orientation, gender identity or expression or age except by minimum age and retirement provisions, unless based upon a bona fide occupational qualification.
- B. Equal Employment Opportunity Efforts - The Contractor will undertake equal employment opportunity efforts to ensure that applicants and employees are treated, without regard to their sex, race, color, marital status, national origin, religious affiliation, disability, sexual orientation, gender identity or expression or age. The Contractor's equal employment opportunity efforts shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeships. The Contractor agrees to post in conspicuous places available to employees and applicants for employment notices setting forth this nondiscrimination clause. In accordance with KCC 12.16.010.J, "equal employment opportunity efforts" shall mean active efforts to ensure equal opportunity in employment that is free from all forms of discrimination.
- C. Nondiscrimination in Subcontracting Practices - During the term of the Contract, the Contractor shall not create barriers to open and fair opportunities to participate in County contracts or to obtain or compete for contracts and subcontracts as sources of supplies, equipment, construction and services. In considering offers from and doing business with subcontractor and suppliers, the Contractor shall not discriminate against any person because of their sex, race, color, marital status, national origin, religious affiliation, disability, sexual orientation, gender identity or expression or age except by minimum age and retirement provisions, unless based upon a bona fide occupational qualification.
- D. Compliance with Laws and Regulations - The Contractor shall comply fully with all applicable federal, state and local laws, ordinances, executive orders and regulations that prohibit discrimination. These laws include, but are not limited to, RCW Chapter 49.60, Titles VI and VII of the Civil Rights Act of 1964, the American with Disabilities Act, and the Restoration Act of 1987. In addition, King County Code chapters 12.16, 12.17 and 12.18 are incorporated herein by reference and the requirements in these code sections shall specifically apply to the Contract. The Contractor shall further comply fully with any equal opportunity requirements set forth in any federal regulations, statutes or rules included or referenced in the contract documents.
- E. Small Contractors and Suppliers and Minority and Women Business Enterprises Opportunities - King County encourages the Contractor to utilize small businesses, including Small Contractors and Suppliers (SCS) and minority-owned and women-owned business enterprises certified by the Washington state Office of Minority and Women's Business Enterprises (OMWBE) in County contracts.

The County encourages the Contractor to promote open competitive opportunities for small businesses, including SCS firms and minority-owned and women-owned business enterprises. Program information is available at [www.kingcounty.gov/bdcc](http://www.kingcounty.gov/bdcc).

- F. Sanctions for Violations - Any violation of the mandatory requirements of the provisions of this subsection shall be a material breach of Contract, for which the Contractor may be subject to damages, withholding payment and any other sanctions provided for by the Contract and by applicable law.

### **3.20 Requirements of King County Equal Benefits Ordinance**

In accordance with King County Ordinance 14823, as a condition of award of a contract valued at \$25,000 or more, the Contractor agrees that it shall not discriminate in the provision of employee benefits between employees with spouses and employees with domestic partners during the performance of the Contract. Absent authorization for delayed or alternative compliance as referenced below, failure to comply with this provision shall be considered a material breach of the Contract, and may subject the Contractor to administrative sanctions and remedies for breach.

When the Contract is valued at \$25,000 or more, by signing the Bid Submittal the Bidder is indicating compliance with this requirement or with the terms of an authorization for delayed or alternate compliance.

Delayed Compliance - If the successful Bidder is seeking authorization from King County Procurement and Payables Section to delay implementation of equal benefits due to a Collective Bargaining Agreement, Open Enrollment or internal Administrative steps, an Equal Benefits Substantial Compliance Authorization Form must be completed submitted to the Buyer for review and approval.

Alternative Compliance - If the successful Bidder is seeking authorization from King County Procurement and Payables Section for alternative compliance with the requirements of the equal benefits ordinance, the successful Bidder must complete and return to the Buyer, an Equal Benefits Substantial Compliance Authorization Form for review and approval.

The Substantial Compliance Authorization Form can be found at:

<http://www.kingcounty.gov/depts/finance-business-operations/procurement/for-business/forms.aspx>

### **3.21 Requirements of King County Living Wage Ordinance**

In accordance with King County Ordinance 17909, as a condition of award for contracts for services with an initial or amended value of \$100,000 or more, the Contractor agrees that it shall pay and require all subcontractors to pay a living wage as described in the ordinance, to employees for each hour the employee performs a Measurable Amount of Work on the Contract. "Measurable Amount of Work" means a definitive allocation of an employee's time that can be attributed to Work performed on a specific matter, but that is not less than a total of one (1) hour in any one (1) week period.

The requirements of the ordinance, including payment schedules, are detailed at <http://www.kingcounty.gov/depts/finance-business-operations/procurement/about-us/Living-Wage.aspx>

Violations of this requirement may result in disqualification of the Contractor from bidding on or being awarded a County contract for up to two (2) years; contractual remedies including, but not limited to, liquidated damages and/or termination of the Contract; remedial action as set forth in public rule; and other civil remedies and sanctions allowed by law.

### **3.22 Non-Waiver of Breach**

No action or failure to act by the County shall constitute a waiver of any right or duty afforded to the County under the Contract; nor shall any such action or failure to act by the County constitute an approval of, or acquiescence in, any breach hereunder, except as may be specifically stated by the County in writing.

### **3.23 Severability**

Whenever possible, each provision of the Contract shall be interpreted to be effective and valid under applicable law. If any provision is found to be invalid, illegal, or unenforceable, then such provision or portion thereof shall be modified to the extent necessary to render it legal, valid, and enforceable and have the intent and economic effect as close as possible to the invalid, illegal, and unenforceable provision. If it is not possible to modify the provision to render it legal, valid and enforceable, then the provision shall be severed from the rest of the Contract. The invalidity, illegality or unenforceability of any provision shall not affect the validity, legality or enforceability of any other provision of the Contract, which shall remain valid and binding.

### **3.24 Certification Regarding Debarment, Suspension and Other Responsibility Matters**

Under King County Code 2.93.170, the King County Executive may debar a Contractor from consideration for award of contracts with the County for up to two (2) years, and may suspend a Contractor from consideration for award of contracts with the County if there is probable cause for debarment for up to six (6) months; for the following:

- A. A Conviction within the five (5) years preceding commencement of the debarment or suspension for commission of a criminal offense as an incident to obtaining or attempting to obtain a public or private contract or subcontract, or in the performance of the Contract or Subcontract;
- B. Conviction within the five (5) years preceding commencement of the debarment or suspension under state or federal statutes of embezzlement, theft, forgery, bribery, falsification or destruction of records, receiving stolen property or any other offense indicating a lack of business integrity or business honesty that currently, seriously and directly affects responsibility as a consultant to the County;
- C. Conviction within the five (5) years preceding commencement of the debarment or suspension under state or federal antitrust statutes arising out of the submission of bids or proposals;
- D. Violation of state wage payment laws;
- E. Violation of ethical standards set forth in contracts with the County;
- F. Violation of contract provisions, such as the following, of a character that is regarded by the Executive to be so serious as to justify debarment action:
  - 1. Deliberate failure without good cause to perform in accordance with the specifications or within the time limit provided in the Contract;

2. Substantial failure to comply with commitments to and contractual requirement for participation by minority and women's business enterprises and equal employment opportunity; or
  3. A recent record of failure to perform or of unsatisfactory performance in accordance with the terms of one (1) or more contracts, though failure to perform or unsatisfactory performance caused by acts beyond the control of the Consultant shall not be considered to be a basis for debarment; or
- G. Any other cause that the Executive determines to be so serious and compelling as to affect responsibility as a Consultant to the county, including debarment by another governmental entity for any cause similar to those in this subsection;

The King County Executive may issue an Order of Suspension/Debarment under King County Code 2.93.170 and Executive Policies and Procedures CON 7-20(PR). Rights and remedies of the County under these provisions are beside other rights and remedies provided by law or under the Agreement.

### **3.25 Incorporation of Documents**

The Contract between the successful Bidder and King County shall include all documents mutually entered into at the time of contract award, specifically including the Contract document, the solicitation, and the response to the solicitation. The Contract must include, and be consistent with, the specifications and provisions stated in this solicitation. King County shall not be bound nor obligated to enter into or sign additional agreements and or documents other than those required by law.



## **SECTION 4      Specific Contractual Terms & Conditions**

### **4.1      Contract Value**

The value of the Contract is approximately \$5,500,000. King County will not be limited, restricted or bound by this dollar value, nor shall the County be obligated to purchase any items contained in this ITB.

### **4.2      Contract Term**

The term of the Contract will be five (5) years, subject to the termination clauses contained herein. King County reserves the right to extend the Contract term if determined to be in the best interest of the County.

Contracts or purchase orders will be issued by the County. Contract amendments or change orders issued by the County may reflect modification(s) of contract terms, funding or other matters.

King County reserves the right to purchase the goods or services described herein from other sources. The Contractor does not have the exclusive right to fill all of the County's requirements for the goods or services awarded nor will the County be obligated to purchase the estimated annual quantity, or any quantity contained in the Contract.

### **4.3      Price Revisions**

Unless otherwise authorized by the County, prices shall remain firm for the duration of the Contract period.

The Contractor may request price changes and shall supply documentation satisfactory to King County such as changes to the Producers Price Index for the commodity, the Consumer Price Index for the Seattle-Tacoma-Bremerton area, or a manufacturer's published notification of price change(s). Reasonable price changes based on market conditions and price/cost analysis may be approved by King County.

King County will evaluate this information to determine if revising the pricing is considered fair and reasonable to the satisfaction of King County. Requests for any such change shall be made in writing to the Buyer in the Procurement & Payables Section office. A written change order issued by the County will institute the price adjustment, provide the new prices and establish the effective date for the new prices.

The Contractor shall endeavor to give the King County Procurement & Payables Section thirty (30) days but not less than fourteen (14) days written notice prior to the effective date of the price increase. The County may cancel the Contract if the price increase request is not approved.

All price reductions at the manufacturer's or distributor's level shall be reflected in a reduction of the contract price(s) to King County retroactive to the effective date of the price reductions.

### **4.4      Shipping Charges, Packaging Charges and Fees**

All prices shall include freight, FOB to the designated delivery point. The County will reject requests for additional compensation for freight and/or packaging charges, fuel surcharges and fees of any type that are not specified within the Contract.

#### **4.5 Packing Slips**

Each delivery to the County shall have a packing slip enclosed that identifies the requester, purchase order number, part number, unit price and quantity of each part shipped. If the delivery is a partial shipment, indicate on the packing slip that it is not a complete shipment of that order and identify the items not shipped and provide a projected completion date of the order.

If the delivery combines items from more than one (1) purchase order, separate packing slips shall be included in the shipment for each.

#### **4.6 Use Report**

The Contractor shall, if requested, submit to the Buyer a report of sales made to King County under the Contract. The report, in a format acceptable to King County, shall identify the detail required by the Buyer, which may include but is not limited to, delivery location, the item description, whether it's a Contract or non-Contract item, quantity, price and discount.

#### **4.7 Warranty**

The Contractor warrants that the Work performed under the Contract shall be free from defects in material and workmanship, and shall conform to all requirements of the Contract, for a period of at least twelve (12) months from date of acceptance of such Work by the County. Any Work corrected shall be subject to this subsection to the same extent as the Work initially provided.

The Bidder shall provide, upon request by the County, their standard warranty. The warranty shall be specific for all components of the equipment regardless of whether these components were built by the original equipment manufacturer or outside suppliers. King County may avail itself of the Bidder or manufacturer's standard warranty if more beneficial to the County.

Conducting of tests or inspections, acceptance, or the processing of payment(s) by the County shall not constitute a waiver of any rights under the Contract or in law. The termination of the Contract shall in no way relieve the Contractor from its warranty responsibility.

The Contractor shall ensure that the warranty requirements of the Contract are enforceable through and against the Contractor's suppliers, vendors, distributors and subcontractors. The Contractor shall cooperate with the County in facilitating warranty related work by such suppliers, vendors, distributors and subcontractors.

Contractor warrants that the Services shall in all material respects conform to the requirements of the Contract. Contractor warrants that qualified professional personnel with in-depth knowledge shall perform the Services in a timely and professional manner; and that the Services shall conform to the standards generally observed in the industry for similar Services. Contractor warrants that the Services shall be in compliance with all applicable laws, rules and regulations.

#### **4.8 Warranty Remedies**

Whenever possible, the Contractor shall provide "on the spot" settlement of warranty claims or disputes, and authorize local representatives to act on the equipment manufacturer's behalf.

If at any time during the twelve (12) month period immediately following acceptance of any Work covered by the Contract, Contractor or the County discovers one (1) or more material defects or errors in the Work or any other aspect in which the Work materially fails to meet the provisions of the warranty requirements herein, the Contractor shall, at its own expense and within thirty (30) days of notification of the defect by the County, correct the defect, error or nonconformity.

The County shall give written notice of any defect to the Contractor. If the Contractor has not corrected defect within thirty (30) days after receiving the written notice, the County, in its sole discretion, may correct the defect itself. In the case of an emergency where the County believes delay could cause serious injury, loss or damage, the County may waive the written notice and correct the defect. In either case the County shall charge-back the cost for such warranty repair to the Contractor.

The Contractor is responsible for all costs of repair or replacement in order to restore the Work to the applicable Contract requirements, including shipping charges, for Work found defective within the warranty period, regardless of who actually corrects the defect.

#### **4.9 Pricing of Spare Parts**

The County shall have the right to conduct a cost or Price Analysis on specific spare parts if pricing appears to be in excess of standard industry pricing for similar parts. Any difference shall be subject to negotiations to the satisfaction of the County. The County is not required to purchase spare parts under the contract if it can purchase the same item(s) from another source under terms that are more advantageous to the County.

#### **4.10 Product Return**

The County reserves the right to return standard products to the Contractor for full refund or credit when the Contractor is notified of the return within thirty (30) days of the County's receipt of products.

The County further reserves the right to return products, parts and supplies determined to be surplus and no longer required by the County. Parts and supplies eligible for return to the Contractor shall have been purchased for inventory or as spares, be unused, and in the same general condition as when received. The County will advise the Contractor of its intention to return any parts and supplies. The Contractor has no obligation to accept such goods more than two (2) years after the County's receipt of said goods.

The Contractor shall, at the County's option, issue a credit for the dollar value of the merchandise returned or refund that dollar amount (less any applicable restocking fee) to King County. This subsection does not apply to any merchandise made to order for the County.

#### **4.11 Hazardous Chemical Communication**

In order to comply with WAC 296-62-054, Hazard Communication, the Contractor shall prepare a Safety Data Sheet (SDS) for all products containing any toxic products that may be harmful to the end user. The SDS Sheet shall accompany the toxic product(s) to the specified delivery sites and include the Chemical Abstract Service (CAS) numbers for every chemical that is listed in the SDS. If the product is actually used diluted, the rate shall be so stated in the SDS and the hazards and corresponding personal protection, etc. also be listed.

SARA Title 3 chemicals shall be listed with the percentage by weight of the total product. The SDS shall include a statement as to the intended use of the product.

#### **4.12 Prohibition on Asbestos-Containing Products**

Asbestos-containing products shall not be provided to the County under the Contract, unless no practicable alternative for the asbestos-containing product exists and the Contractor obtains the written consent of the County. The Contractor shall notify the County in writing at least sixty (60) days before it plans to supply the County with an asbestos-containing product. The County will respond to such notification within thirty (30) days of receipt. The Contractor shall comply with applicable state, federal and local labeling and other laws, regulations and ordinances pertaining to asbestos-containing products, including, but not limited to, the State of Washington Industrial Safety and Health Act and the federal Occupational Safety and Health Act.

#### **4.13 Contractor Impairment**

King County is committed to a safe, healthy, drug-free, and alcohol-free work environment on all County property and worksites. Contractor's employees are prohibited from reporting to or performing work on County property or worksites with the odor of alcohol present on their person, or are observed by a County employee to be consuming alcohol or controlled substances, and/or appear to be under the influence or impaired by alcohol or controlled substances. The County employee will use specific, contemporaneous and articulable observations about the Contractor's employee's appearance, speech, behavior, and odor when making this determination. King County will notify the Contractor of the County employee's observations. The Contractor shall instruct their employee that they are prohibited from continuing to perform work and will safely remove the employee from the County property or worksite.

#### **4.14 Insurance Requirements**

Prior to the award of a contract, the Contractor shall obtain and maintain the minimum insurance set forth herein for the duration of the Contract for itself and any subcontractor performing Work. By requiring such minimum insurance, the County shall not be deemed or construed to have assessed the risks that may be applicable to the Contractor under the Contract. The Contractor shall assess its own risks and if it deems appropriate and/or prudent, maintain greater limits and/or broader coverage. The Contractor shall maintain limits and scope of insurance no less than:

General Liability: \$2,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage, and for those policies with aggregate limits, a \$4,000,000 aggregate limit; CG 00 01 current edition, including Products and Completed Operations;

Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage;

Workers' Compensation: Statutory requirements of the state of residency;

Employers Liability Stop Gap: \$1,000,000.

Except for Workers Compensation, the County, its officers, officials, employees and agents are to be covered as additional insureds as respects liability arising out of activities performed by or on behalf of the Contractor in connection with the Contract.

Use the above exact language on the Endorsement Form. **The County requires this Endorsement to complete the Contract.**

## **SECTION 5 Technical Specifications/Scope of Work**

### **5.1 Scope**

- A.** Calcium Nitrate Double Salt required under this specification shall be used to remove hydrogen sulfide, thereby preventing odor and corrosion within King County Wastewater and Collection treatment systems. The material shall utilize and enhance naturally occurring biochemical processes to accomplish hydrogen sulfide removal.
- B.** The material shall be a liquid phase product. It shall be delivered, stored, and fed into the wastewater via standard liquid-phase chemical handling procedures.
- C.** The material shall be fully compatible with storage and feed equipment constructed of any of the following:
  - 1. High Density Cross-linked Polyethylene
  - 2. PVC
  - 3. Polypropylene
  - 4. FRP
  - 5. Stainless Steel

### **5.2 Process Description**

The material supplied shall utilize the inherent ability of the facultative bacteria normally present in wastewater to metabolize hydrogen sulfide and other odor-causing, reduced sulfur containing compounds. The material shall provide nitrate-oxygen to the wastewater to support this biochemical mechanism. This nitrate-oxygen shall be applied via a calcium nitrate double salt solution. The material shall be chemically stable, allowing continuous removal of sulfide contributed by side streams downstream of the application point. As a result of the biochemical process, the material shall provide the additional benefit of biochemical oxygen demand (BOD) reduction in the wastewater.

### **5.3 Supplier**

- A.** The supplier of the Calcium Nitrate Double Salt shall be established in the field of wastewater odor control.
- B.** The supplier shall have at least three distribution centers from which the material can be shipped. The addresses and storage capacities of these facilities must be provided with the bid. One of the distribution centers must be within 200 miles of King County's storage tanks.
- C.** In addition to supplying the material and as part of the odor control service, the supplier shall provide chemical feed rate optimization services and feed system troubleshooting services upon request by King County. The supplier shall have the capability of providing and programming PLC based dosing feed systems. The supplier shall be able to provide a Web site for monitoring and control of the feed sites. There shall be no additional charges for these services.

- D. The supplier shall be capable of providing complete storage and feed systems for the material, in the event King County needs to add more dosing sites. These systems shall include storage tanks, feed pumps and control panels. Any additional feed systems required shall be provided at no additional cost to the County under this contract.

#### **5.4 Submittals**

The supplier must include the following information with their bid:

- A. Safety Data Sheet for Calcium Nitrate Double Salt, showing the CAS number.
- B. List of material distribution points as described in Section 5.3-B.
- C. Technical documentation detailing the process by which the material controls hydrogen sulfide. The documentation must clearly show the stoichiometry of the biochemical reaction described by a minimum of three case studies, and clearly demonstrate compliance with paragraph 1.02.
- D. Product data sheet that shows compliance with all requirements listed in Section 5.5.
- E. All other information required within this specification.

#### **5.5 Technical Specifications**

- A. The material supplied shall be an aqueous solution of calcium nitrate double salt containing a minimum of 3.5 pounds of nitrate-oxygen per gallon and having a minimum specific gravity of 1.42.
- B. The material shall be capable of reducing the dissolved sulfide hydrogen sulfide concentration in wastewater to less than 0.1 mg/l.
- C. The material shall be free of any objectionable odor-producing compounds.
- D. The pH of the material shall not be less than 4.0 nor greater than 9.0.
- E. Since some of the storage tanks are located outside, the freezing / crystallization point of the material shall not be less than – 20 degrees F. A crystallization chart shall be provided with the bid.
- F. The product shall be manufactured in a facility that complies with the following:

ISO 9001 – Quality Management System

ISO 14001 – Environmental Management System

ISO 18001 – Health and Safety Management System

**Proof of compliance with the above standards shall be provided with the bid.**

#### **5.6 Safety Specifications**

- A. The material shall contain no hazardous substances as defined by both the Federal EPA's and State CERCLA lists.
- B. The material shall be exempt from Federal DOT placard requirements.

- C. When entering King County facilities, chemical unloading procedures require the use of the following safety gear: protective gloves, safety glasses, hard hat and a reflective safety vest.

## **5.7 Delivery Requirements**

- A. The material shall be delivered by tanker trucks. Since some of the delivery points are located where access is somewhat difficult the supplier must also be able to make deliveries in smaller straight trucks.
- B. The supplier shall provide an e-mail address and a phone number for King County to place orders. Once an order is placed, the material shall be delivered within five (5) business days.
- C. Deliveries shall be scheduled for Tuesdays, Wednesday, or Thursdays only. Only in emergency circumstances shall deliveries be made on Monday and Friday and must be agreed upon by the supplier and King County. The delivery hours are between 0730 – 1400 hours; the driver must call the respective plant(s) at least one hour in advance to inform the operator that a delivery will be made.
- D. Deliveries shall be made to the following pump stations:
  - 1. Black Diamond (32923 Railroad Ave, Black Diamond)
  - 2. Hollywood (14815 NE 124<sup>th</sup> St, Redmond)
  - 3. North Mercer (7631 NE 22<sup>nd</sup> St, Mercer Island)
  - 4. Sammamish Plateau (21985 SE 43<sup>rd</sup> Way, Issaquah)
  - 5. Juanita Bay (9290 NE Juanita Dr, Kirkland)
  - 6. Kenmore (6719 NE 175<sup>th</sup> St, Kenmore)
  - 7. Hidden Lake (16700 10<sup>th</sup> Ave NW, Shoreline)
  - 8. West Seattle (3051 Harbor Ave SW, Seattle)
- E. The supplier shall be responsible for the safe, clean delivery of the material into King County's storage tanks. The supplier shall be responsible for any damage to King County's storage tank and feed system that is directly attributable to product quality or improper delivery practices. The supplier shall provide prompt clean-up of any spills made during delivery.
- F. The supplier shall be responsible for the proper labeling of storage tanks in compliance with local, state and federal requirements. The supplier shall not deliver the material into any tank which is not properly labeled.

## **5.8 Odor Control Service Requirements**

In addition to supply and delivery of the material, the supplier must have knowledge in odor control in order to provide services to monitor, maintain and make process adjustments to optimize the chemical feed system. The service would include, but not limited to the following tasks:

- 1. Order chemical to maintain proper inventory so tanks never go empty.
- 2. Perform ongoing analytical testing as specified below.



## 5.9 Equipment Requirements/Specifications

- A. Inventory Monitoring - In order for the supplier to maintain sufficient inventory in King County's tanks, a level indicating program (tank link or equivalent) for remote monitoring must be installed to track volume in tanks, at the supplier's expense.
- B. There are three delivery sites that will need new chemical feed systems and controllers to be installed. This will include pumps, piping, tubing, fittings, PLC controllers and other ancillary equipment as needed to properly inject the material into the conveyance system. These locations are part of the West Point Treatment Plant off-site locations (Kenmore, Hidden Lake and West Seattle Pump Stations). This is to replace the existing ones rented from the previous supplier. Replacement of this equipment will require an initial capital expenditure, estimated at over \$15,000, at the supplier's expense. These will need to be installed and operating by the last week of April 2020, as that is usually the time where King County starts the injection of the chemical for odor and corrosion control.
- C. Sulfide Monitoring – Both atmospheric and liquid sulfide monitoring will be performed by the vendor during chemical injection. The vendor must own or have access to an ample supply of continuous atmospheric online hydrogen sulfide meters (OdaLog or equivalent), and liquid sulfide test kits (LaMotte-Pomeroy or equivalent). The test results will be provided to King County on a weekly basis, via e-mail.
- D. Nitrate Monitoring – A nitrate residual of at least 0.1 mg/l is the goal downstream of the chemical injection site. A Nitrate test kit (Hach or equivalent) or nitrate test strips provided by the supplier will be needed. The results will be provided to King County on a weekly basis, via e-mail.
- E. Additional testing as agreed upon by the supplier and King County.
- F. The Supplier must have knowledge of wastewater laboratory analyses, testing and practices.

## 5.10 Pricing

- A. The supplier shall provide pricing in terms of price per gallon of solution delivered. The minimum nitrate-oxygen content and specific gravity of the solution must be provided and must be expressed as pounds nitrate-oxygen per gallon of solution. All charges, including freight, maintenance, monitoring and optimization services, service contract shall be included in the per gallon bid price.
- B. The price shall be valid for delivery quantities of 1,000 gallons or more per shipment.
- C. In some cases, it will be necessary to split deliveries between two or more locations. The vendor will provide this service at no additional cost to King County. Any charge for multiple stops shall be included in the per-gallon bid price.

## SECTION 6 Bid Response

### 6.1 Rules of Price Evaluation

Bids meeting all requirements of this ITB will be evaluated on price. Bids stating price in effect at the time of shipment will not be accepted.

### 6.2 Delivery

Delivery is required as soon as possible and not later than **two (2)** days after placement of an order. Bid prices shall include delivery, FOB destination, to various locations within King County. There shall be no additional surcharges.

### 6.3 Bidder's Contact Information

#### Primary Location:

A. Physical Address: 2650 Tallevast Road, Sarasota, FL 34243

Mailing Address: Same As Above

Name of Contact Person: Jennifer R. Miller

Email: municipalservices@evoqua.com

Telephone No. (Local/Toll Free): 800-345-3982

Fax No. (Local/Toll Free): 941-359-7985

UBI No.: 603298716

Washington State Contractor's License (if applicable): N/A

State hours and days of operation:

Hours: 8:00 a.m. to 5:00 p.m. Days: M to F

B. State your firm's preference for receiving purchase orders. (Check only one and enter the information if different from "A" above).

☒ E-mail: \*\* ☐ Fax:

6.4 Remit Address (where payment will be mailed): \*\*municipalservices@evoqua.com

Evoqua Water Technologies LLC

28563 Network Place

Chicago, IL 60673-1285

### 6.5 Retail and Stocking/Warehouse Facility Locations (if applicable)

The Contractor shall attach a separate list of the location(s) for all facilities, including the address, contact name(s), email(s), telephone number(s), and fax number(s), for each facility.

## 6.6 Prompt Pay Discount

Prompt payment discounts offered by Contractors shall be used to calculate the low bid provided the discount offered allows a minimum of twenty (20) days for payment. The number of days is calculated from the date of acceptance of goods or services or from the date a complete invoice is date stamped as received by King County, whichever event occurs last, and the check/warrant date. The County will take advantage of any prompt payment discount terms bid. Discount periods shall be extended if:

- The date printed on the invoice is more than three (3) days earlier than the invoice receipt date;
- The delay is caused awaiting a credit memo, invoice correction, adjustment or reissue;
- An invoice is received prior to receiving goods ordered.

Prompt pay discount offered    --    % - --    Days, Net 30 Days

## 6.7 Purchasing Card (P-Card) Acceptance

Contractors are requested to have the capability of accepting King County's authorized VISA P-Card as a method of payment. Price change(s) or additional fee(s) may not be assessed when accepting the P-Card as a form of payment. The Contractor may receive payment from King County by a P-Card in the same manner as other VISA purchases. **Prompt pay discounts shall apply to payments made by P-Cards.**

**VISA acceptance is preferred, but is not the exclusive method of payment.**

Accept VISA cards: Yes X No \_\_\_\_\_

Additional purchasing (charge) cards accepted:

- ☐ American Express
- ☐ Discover
- ☐ MasterCard
- ☐ Other: \_\_\_\_\_
- ( ) \_\_\_\_\_
- ( ) \_\_\_\_\_
- ( ) \_\_\_\_\_

## 6.8 Pricing

In the event of a discrepancy between the unit price and the extended price, the unit price will prevail.

| Item No. | Est. Annual Qty. | UOM    | Description                 | Unit Price   | Extended Price |
|----------|------------------|--------|-----------------------------|--------------|----------------|
| 1        | 600,000          | Gallon | Calcium Nitrate Double Salt | \$2.25       | \$1,350,000    |
|          |                  |        |                             | <b>Total</b> | \$1,350,000.00 |

ITB # 1007-20-LSM  
Supply and Delivery of Calcium Nitrate Double  
Salt & Odor Control Service

## 6.9 References

List the names and addresses of five (5) customers, for whom the Bidder has performed or provided similar goods and/or services, preferably in Washington State, for a period not less than one (1) year. Include dates, contact persons and telephone numbers. Should any reference submitted by a Bidder be found unsatisfactory, King County, at its sole option, may reject that Bidder's bid. King County will be the sole judge in determining a satisfactory/unsatisfactory reference response. **Bidders shall submit references with bid.**

Company Name: City of Phoenix  
Company Address: 2303 West Durango, Phoenix, AZ 85009  
Company Phone: 602-262-1864  
Contact Person: Vernon Vasquez  
Dates: On-Going

Company Name: Manatee County, Florida  
Company Address: 5101 65th Street, Bradenton, FL 34210  
Company Phone: 941- 792-8811 X5377  
Contact Person: Nickolas A. Wagner  
Dates: On-Going

Company Name: METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN  
Company Address: 222 Third Avenue North, Nashville, TN 37201  
Company Phone: 615-533-9323  
Contact Person: Walter (PJ) Ashford  
Dates: On-Going

Company Name: Lee County, FL  
Company Address: 5180 Tice St., Fort Myers, FL 33905  
Company Phone: 239-481-1953  
Contact Person: Darryl Parker  
Dates: On-Going

|                  |                                     |
|------------------|-------------------------------------|
| Company Name:    | Chesterfield County, VA             |
| Company Address: | P.O. Box 40, Chesterfield, VA 23832 |
| Company Phone:   | 804-751-4342                        |
| Contact Person:  | Mitchell Reed                       |
| Dates:           | On-Going                            |



**eVOQUA**

WATER TECHNOLOGIES

## Bioxide® Product Specifications

|                                     | SPECIFICATIONS                                                                                                 |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Description                         | Aqueous solution of stable, inorganic salts for biological enhancement, calcium ammonium nitrate double salt   |
| H <sub>2</sub> S Dosage Requirement | 0.7 gallon/lb. dissolved H <sub>2</sub> S                                                                      |
| Weight/Gallon                       | 12.1 - 12.2 lbs./gallon                                                                                        |
| Pounds of Nitrate Oxygen            | 3.5 pounds of nitrate-oxygen (NO <sub>3</sub> -O) per gallon                                                   |
| pH                                  | 5 – 8                                                                                                          |
| Crystallization Point               | <-20° F                                                                                                        |
| Color                               | Clear to slightly turbid tan                                                                                   |
| CERCLA Listing                      | Contains no CERCLA listed hazardous substances. BIOXIDE® is exempt from Federal DOT placard requirements.      |
| Certifications                      | ISO 9001 & 14001 and OSHAS 18001                                                                               |
| Equipment Requirements              | Compatible with storage tanks, piping and pumping equipment made of polyethylene, PVC, FRP or stainless steel. |

### BIOXIDE® ....THE NATURAL SOLUTION

BIOXIDE® is a biochemical process solution which controls odors and corrosion caused by hydrogen sulfide and other compounds in wastewater systems. It is safe to handle, and effective dosage will prevent atmospheric hydrogen sulfide from reaching toxic levels. Proper dosage of BIOXIDE treatment solution to a sludge or a wastewater stream, as determined by Evoqua Water Technologies LLC, provides for a population of beneficial bacteria which oxidize dissolved hydrogen sulfide and other reduced sulfur compounds as part of their

metabolism.

By treating the hydrogen sulfide in the wastewater stream, the process prevents release of hydrogen sulfide into the air, reducing odors and corrosion.

The BIOXIDE process has proven effective in many types of wastewater facilities, in widely varying flows, and in any kind of weather. Treatment is typically dosed into a collection system upstream from the problem facility. From a few selected points, the benefits will spread throughout the collection system. The process has been documented to reduce dissolved hydrogen sulfide from over 50 ppm to < 0.1 ppm in numerous

wastewater collection force mains, wet wells and gravity interceptors. Similar results have been achieved with BIOXIDE treatment in sludge lagoons and storage tanks. Due to the biochemical nature of this process, complete sulfide removal is extremely cost effective in applications where extended detention times produce septic conditions. Regional distribution and service locations are in Temecula, CA; Wilmington, DE; Sarasota, FL; Canton, GA; Granite City, IL and Cedar Park, TX.

BIOXIDE® as used throughout this document is a registered name owned by Evoqua Water Technologies LLC. When used in an AE process U.S. Patents #7,087,172 and 7,186,341 may apply.

2650 Tallevast Road  
Sarasota, FL 34243 USA

Tel: +1 (800) 345-3982  
Fax: +1 (941) 359-7985

[www.evoqua.com](http://www.evoqua.com)

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## SAFETY DATA SHEET

| SECTION 1: IDENTIFICATION |                                                                                    |           |              |
|---------------------------|------------------------------------------------------------------------------------|-----------|--------------|
| PRODUCT TYPE:             | Odor Control Solution                                                              |           |              |
| PRODUCT NAME:             | Bioxide®                                                                           |           |              |
| COMPANY ID:               | Evoqua Water Technologies LLC<br>210 Sixth Avenue Suite 3300, Pittsburgh, PA 15222 |           |              |
| TELEPHONE NUMBER:         | INFORMATION:                                                                       | CORPORATE | 866.926.8420 |
|                           | MEDICAL EMERGENCY:                                                                 | CHEMTREC  | 800.424.9300 |
|                           | TRANSPORTATION EMERGENCY:                                                          | CHEMTREC  | 800.424.9300 |
| DATE PREPARED:            | 19 June 2019                                                                       | REVISION: | 6            |

| SECTION 2: HAZARD(S) IDENTIFICATION                                                                                               |                                                                                                                                                                                                                                                                                                                    |                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| PICTOGRAM                                                                                                                         | SIGNAL WORD                                                                                                                                                                                                                                                                                                        | HAZARD STATEMENT                                                                   |
|                                                  | DANGER                                                                                                                                                                                                                                                                                                             | H302: Harmful if swallowed<br>H318: Causes serious eye damage                      |
| <b>Classification:</b><br><br>This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). |                                                                                                                                                                                                                                                                                                                    | Acute Toxicity—Oral Category 4<br><br>Serious eye damage/eye irritation Category 1 |
| PRECAUTIONARY STATEMENT(S)                                                                                                        |                                                                                                                                                                                                                                                                                                                    |                                                                                    |
| PREVENTION                                                                                                                        | P280: Wear protective gloves and eye protection.<br>P270: Do not eat, drink or smoke when using this product.<br>P264-a: Wash hands thoroughly after handling.                                                                                                                                                     |                                                                                    |
| RESPONSE                                                                                                                          | P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor/...if you feel unwell.<br>P312: Call a POISON CENTER/doctor/.../if you feel unwell.<br>P330: Rinse Mouth. |                                                                                    |
| STORAGE                                                                                                                           | P402: Store in a dry place.<br>P403+P233: Store in a well-ventilated place. Keep container tightly closed.<br>P404: Store in a closed container.<br>P405: Store locked up.                                                                                                                                         |                                                                                    |
| OTHER HAZARDS                                                                                                                     |                                                                                                                                                                                                                                                                                                                    |                                                                                    |
| None.                                                                                                                             |                                                                                                                                                                                                                                                                                                                    |                                                                                    |

| SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS |                                         |            |            |
|---------------------------------------------------|-----------------------------------------|------------|------------|
| PERCENT BY WEIGHT                                 | COMMON NAME<br>(Ingredient / Component) | CAS NO.    | IMPURITIES |
| 50-60                                             | Ammonium Calcium Nitrate<br>Double Salt | 15245-12-2 | none       |



## SAFETY DATA SHEET

|         |       |           |      |
|---------|-------|-----------|------|
| Balance | Water | 7732-18-5 | none |
|---------|-------|-----------|------|

### SECTION 4: FIRST-AID MEASURES

#### NECESSARY FIRST AID INSTRUCTIONS

|                               |                                                                                                                                                                                                                                                    |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>INHALATION FIRST AID</b>   | Avoid inhalation of vapor, spray, or mist. If inhaled, remove to fresh air. Get medical attention immediately. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. |
| <b>SKIN CONTACT FIRST AID</b> | Wash with soap and water. Get medical attention if irritation develops.                                                                                                                                                                            |
| <b>EYE CONTACT FIRST AID</b>  | Immediately flush eyes with plenty of water for at least 15 minutes, keeping eyelids open. Check for and remove any contact lenses. Get medical attention immediately.                                                                             |
| <b>INGESTION FIRST AID:</b>   | Washout mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Get medical attention if you feel unwell.                                                                   |

#### DESCRIPTION OF MOST IMPORTANT SYMPTOMS

No Additional Information Available

#### RECOMMENDATIONS FOR IMMEDIATE MEDICAL CARE

Treat Symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours

### SECTION 5: FIRE-FIGHTING MEASURES

|                                       |                                                                                                                                                                     |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SUITABLE EXTINGUISHING MEDIA</b>   | Use an extinguishing agent suitable for the surrounding fire.                                                                                                       |
| <b>UNSUITABLE EXTINGUISHING MEDIA</b> | None                                                                                                                                                                |
| <b>SPECIFIC HAZARDS</b>               | May support combustion at high temperature.                                                                                                                         |
| <b>PERSONAL PROTECTIVE EQUIPMENT</b>  | In the event of fire, wear full protective clothing and NIOSH approved self-contained breathing apparatus with full face piece, operated in positive pressure mode. |

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

|                                  |                                                                                                                                                                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PERSONAL PRECAUTIONS</b>      | Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of material from eyes, skin, and clothing.                                                                                           |
| <b>ENVIRONMENTAL PRECAUTIONS</b> | DO NOT DUMP ON THE GROUND OR INTO ANY BODY OF WATER.                                                                                                                                                                                                                           |
| <b>CONTAINMENT AND CLEAN-UP</b>  | Mop up and containerize for subsequent recycling or disposal. Triple rinse empty containers with water prior to reconditioning.                                                                                                                                                |
| <b>OTHER INFORMATION</b>         | All disposal methods must be in compliance with all Federal, State, Local and Provincial laws, and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. |

### SECTION 7: HANDLING AND STORAGE

|                                      |                                                                                                                                                                                       |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRECAUTIONS FOR SAFE HANDLING</b> | Wash thoroughly after handling, immediately remove and dispose of any spillage. Immediately rinse contaminated clothing thoroughly with water. Rinse containers with water only.      |
| <b>CONDITIONS FOR SAFE STORAGE</b>   | Store in dry place at ambient temperatures apart from combustible and other readily oxidizable materials, food, beverage, and excessive heat. Rinse empty containers with water only. |

## SAFETY DATA SHEET

| SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION |                                                                                                                          |                                |                                     |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------|
| ENGINEERING CONTROLS                             | Adequate general and mechanical exhaust ventilation.                                                                     |                                |                                     |
| RESPIRATORY PROTECTION                           | None required under normal use conditions. If use conditions generate mists, wear a respirator with acid gas cartridges. |                                |                                     |
| SKIN PROTECTION                                  | Wear protective gloves and other protective clothing as appropriate to prevent skin contact.                             |                                |                                     |
| EYE/FACE PROTECTION                              | Wear safety glasses with side shields. Wear chemical goggles if splashing is likely.                                     |                                |                                     |
| EXPOSURE LIMITS/GUIDELINES                       | No occupational exposure limits have been established for this material.                                                 |                                |                                     |
|                                                  | RESULT                                                                                                                   | OSHA 8 HR<br>mg/m <sup>3</sup> | ACGIH TLV 8 HR<br>mg/m <sup>3</sup> |
| PARTICULATES NOT OTHERWISE REGULATED (PNOR)      |                                                                                                                          |                                |                                     |
| PARTICULATES NOT OTHERWISE CLASSIFIED (PNOC)     |                                                                                                                          |                                |                                     |

| SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES |                                         |                       |                    |
|---------------------------------------------|-----------------------------------------|-----------------------|--------------------|
| COLOR                                       | Clear, colorless to slightly turbid tan | MOLECULAR WEIGHT      | NA                 |
| ODOR                                        | None                                    | ODOR THRESHOLD        | None               |
| pH VALUE                                    | 5-8                                     | VAPOR PRESSURE        | NA                 |
| MELTING POINT                               | NA                                      | VAPOR DENSITY         | Liquid             |
| FREEZING POINT                              | ≤ -10°F (-23°C)                         | RELATIVE DENSITY      | 1.39 – 1.48 @ 20°C |
| INITIAL BOILING POINT                       | 218°F – 221°F                           | SOLUBILITY            | Complete           |
| FLASHPOINT                                  | NA                                      | PARTITION COEFFICIENT | NA                 |
| EVAPORATION RATE                            | NA                                      | AUTO IGNITION TEMP.   | None               |
| FLAMMABILITY                                | NA                                      | DECOMP. TEMP.         | NA                 |
| UEL                                         | NA                                      | VISCOSITY             | NA                 |
| LEL                                         | NA                                      |                       |                    |

| SECTION 10: STABILITY AND REACTIVITY |                                                                                                                                                                                                                                 |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REACTIVITY                           | NA                                                                                                                                                                                                                              |
| CHEMICAL STABILITY                   | Stable                                                                                                                                                                                                                          |
| POSSIBILITY OF HAZARDOUS REACTIONS   | This product is incompatible with organic materials, reducing agents, chlorine or hypochlorite products, and caustic products.                                                                                                  |
| CONDITIONS TO AVOID                  | Avoid evaporation to dryness. If allowed to dry, product residue is incompatible with flammable organic materials, reducing agents, and chlorine or hypochlorite products. This product is incompatible with caustic materials. |
| HAZARDOUS DECOMPOSITION PRODUCTS     | Under normal conditions of storage and use, hazardous decomposition products should not be produced.                                                                                                                            |

| SECTION 11: TOXICOLOGICAL INFORMATION |                         |                                                               |
|---------------------------------------|-------------------------|---------------------------------------------------------------|
| INHALATION                            | ACUTE                   | Spray or mist may irritate respiratory tract.                 |
|                                       | CHRONIC                 | There are no known chronic inhalation effects.                |
| SKIN                                  | ACUTE                   | May irritate the skin.                                        |
|                                       | CHRONIC                 | There are no known chronic dermal effects.                    |
| EYE                                   | ACUTE                   | Causes serious eye damage.                                    |
| INGESTION                             | ACUTE                   | Ingestion of large amounts may cause violent gastroenteritis. |
|                                       | CHRONIC                 | There are no known chronic ingestion effects.                 |
| LD50                                  | >2000 mg/kg, oral (rat) |                                                               |
| LC50                                  | Not applicable          |                                                               |
| ACUTE TOXICITY ESTIMATE               | >3900 mg/kg             |                                                               |

## SAFETY DATA SHEET

|                                     |                                                         |
|-------------------------------------|---------------------------------------------------------|
| <b>CARCINOGENICITY/MUTAGENICITY</b> | There are no known carcinogenic or mutagenic properties |
| <b>REPRODUCTIVE EFFECTS</b>         | There are no known reproductive effects                 |
| <b>NEUROTOXICITY</b>                | There are no known neurotoxic effects                   |
| <b>OTHER EFFECTS</b>                | No other effects are known                              |
| <b>TARGET ORGANS</b>                | Target organs include skin and eyes                     |

### SECTION 12: ECOLOGICAL INFORMATION

California Title 22 Acute Toxicity Screening Protocol:

Fish bioassay (96 hr.):

| Test concentration, ppm | Survival, % |
|-------------------------|-------------|
| 0                       | 100         |
| 250                     | 95          |
| 750                     | 100         |

The products of biodegradation are non-toxic. This product does not show any bioaccumulation phenomena.

### SECTION 13: DISPOSAL CONSIDERATIONS

|                                |                                                                                                                                                                                                                                      |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SPILL/LEAK PROCEDURES</b>   | Only properly protected personnel should remain in the spill area; dike and contain spill; absorb or scrape up excess into suitable container for disposal; wash area with water. Stop or reduce discharge if it can be done safely. |
| <b>CLEANUP</b>                 | Mop up and containerize for subsequent recycling or disposal. Triple rinse empty containers with water prior to reconditioning.                                                                                                      |
| <b>REGULATORY REQUIREMENTS</b> | Generators of waste material are required to evaluate all waste for compliance with RCRA and any local disposal procedures and regulations.<br>NOTE: State and local regulations may be more stringent than federal regulations.     |
| <b>DISPOSAL</b>                | Material that cannot be used, or reprocessed for use, and empty containers should be disposed of in accordance with all applicable regulations. Product containers should be thoroughly emptied before disposal.                     |

### SECTION 14: TRANSPORT INFORMATION

|                                                                              |                                     |                                           |
|------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------|
| <b>LAND – DOT</b>                                                            | <b>UN/NA IDENTIFICATION NUMBER:</b> | Not Applicable to unused finished product |
|                                                                              | <b>UN-PROPER SHIPPING NAME:</b>     | Not Applicable to unused finished product |
|                                                                              | <b>TRANSPORT HAZARD CLASS:</b>      | Not Applicable to unused finished product |
|                                                                              | <b>PACKING GROUP:</b>               | Not Applicable to unused finished product |
|                                                                              | <b>MARINE POLLUTANT:</b>            | Not Applicable to unused finished product |
|                                                                              | <b>HAZARD CLASS:</b>                | Not Applicable to unused finished product |
| <b>WATER – IMO/IMDG</b>                                                      | <b>UN/NA IDENTIFICATION NUMBER:</b> | Not Applicable to unused finished product |
|                                                                              | <b>UN-PROPER SHIPPING NAME:</b>     | Not Applicable to unused finished product |
|                                                                              | <b>TRANSPORT HAZARD CLASS:</b>      | Not Applicable to unused finished product |
|                                                                              | <b>PACKING GROUP:</b>               | Not Applicable to unused finished product |
|                                                                              | <b>MARINE POLLUTANT:</b>            | Not Applicable to unused finished product |
|                                                                              |                                     |                                           |
| <b>AIR – ICAO/IATA</b><br><br><i>For product quantities less than 0.5 Kg</i> | <b>UN/NA IDENTIFICATION NUMBER:</b> | Not Applicable to unused finished product |
|                                                                              | <b>UN-PROPER SHIPPING NAME:</b>     | Not Applicable to unused finished product |
|                                                                              | <b>TRANSPORT HAZARD CLASS:</b>      | Not Applicable to unused finished product |
|                                                                              | <b>PACKING GROUP:</b>               | Not Applicable to unused finished product |
|                                                                              | <b>MARINE POLLUTANT:</b>            | Not Applicable to unused finished product |
|                                                                              |                                     |                                           |

### SECTION 15: REGULATORY INFORMATION

|             |                                                                                                                |
|-------------|----------------------------------------------------------------------------------------------------------------|
| <b>OSHA</b> | Hazard Communication Standard: This product is considered a hazardous chemical as defined by 29 CFR 1910.1200. |
| <b>OSHA</b> | Process Safety Standard: No                                                                                    |

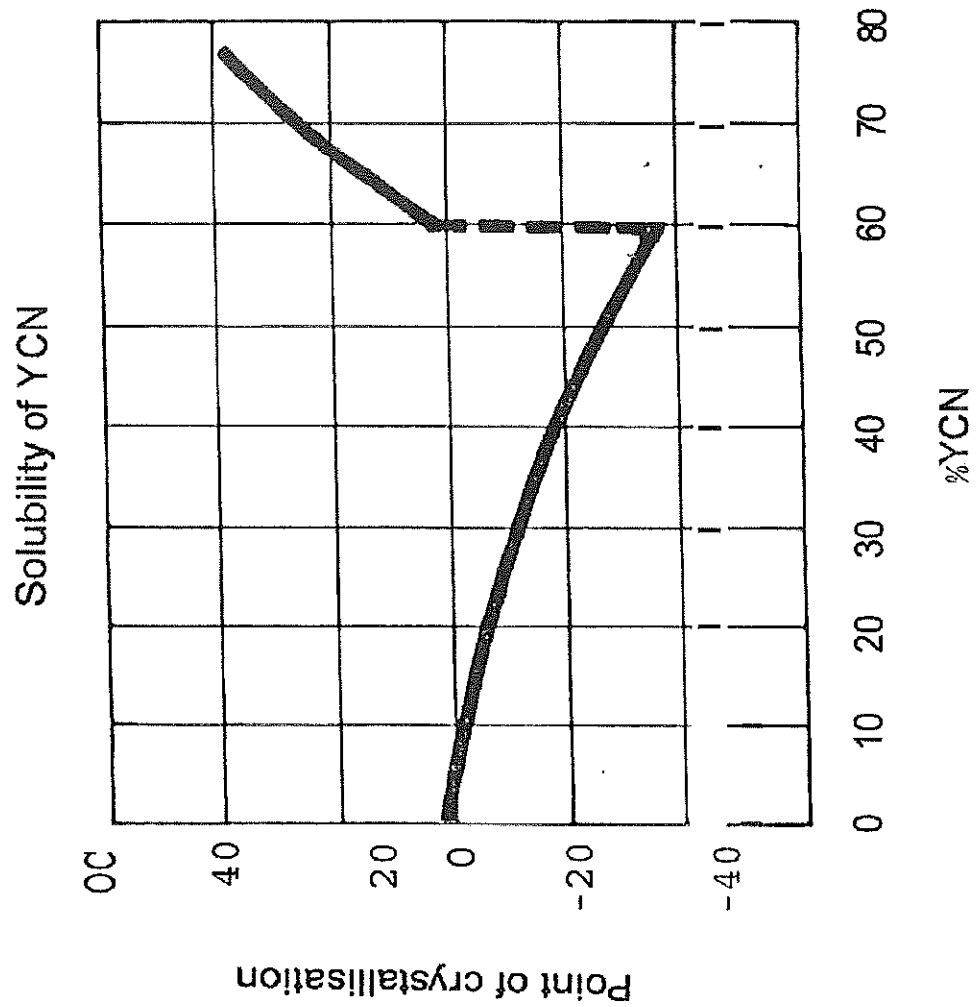
## SAFETY DATA SHEET

|                                |                                                                                                                                                |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| CAA                            | Section 112r: No                                                                                                                               |
| CERCLA                         | Section 103: No RQ: None                                                                                                                       |
| SARA                           | Section 302: No; SARA Section 304: No; SARA Section 313: Yes                                                                                   |
| SARA HAZARD CATEGORIES 311/312 | Immediate (acute) health hazard.                                                                                                               |
| TSCA                           | The ingredients of this product are on the TSCA Inventory List.                                                                                |
| CALIFORNIA PROP. 65            | This product contains a chemical (or chemicals) known to the State of California to cause cancer and birth defects or other reproductive harm. |

### SECTION 16: OTHER INFORMATION

|                     |                                                                                                                                                                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DISCLAIMER:         | The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the user thereof. It is the buyer's responsibility to ensure that its activities comply with federal, state, provincial and local laws. |
| REVISION INDICATOR: | Revision 6: updated 19 June 2019                                                                                                                                                                                                                                                                                                    |

**Solutions:**  
The following data are valid for aqueous solutions of  
Calcium-Ammonium Nitrate double salt (YCN).





## **DISTRIBUTION POINTS**

### **PORTLAND, OR**

IRM Don Gleave Terminal  
Terminal 4  
11040 N. Lombard Street  
Portland, OR 97203

### **STOCKTON, CA**

Yara North America, Inc.  
Stockton Liquid Terminal  
3019 Navy Dr.  
Stockton, CA 95206

### **PORT HUENEME, CA**

Yara North America, Inc.  
Oxnard Harbor District, NCEL Property  
Port Hueneme, CA 93044



February 19, 2020

Ms. Jennifer R. Miller  
Vice President & General Manager  
Evoqua Water Technologies LLC  
2650 Tallevast Road  
Sarasota, FL 34243

Dear Jennifer:

Yara North America, Inc. manufactures Bioxide products to the specifications required of Evoqua Water Technologies LLC. These products are produced at facilities that comply with the ISO 9001, ISO 14001, and OHSAS 18001 guidelines.

Regards,

Nelson A. Vargas  
Industrial Sales Manager  
Yara North America, Inc.

---

**Yara North America, Inc.**

100 N Tampa Street, Suite 3200  
Tampa, FL 33602

Telephone: 813-222-5700  
Telefax: 813-875-5735

# MANAGEMENT SYSTEM CERTIFICATE

Certificate No:  
QSC-6037

Initial certification date:  
16 June 1993

Valid:  
07 June 2017 - 07 June 2020

This is to certify that the management system of

## **Yara International ASA, Segment unit Production**

Drammensveien 131, 0277 Oslo, Norway  
and the sites as mentioned in the appendix accompanying this certificate

have been found to conform to the Quality Management System standard:  
**ISO 9001:2015**

This certificate is valid for the following scope:

**Production, Storage, Loading and Distribution of fertilizer, and chemicals for industrial use.**

Place and date:  
Høvik, 02 June 2017



For the issuing office:  
DNV GL – Business Assurance  
Veritasveien 1, 1363 Høvik, Norway

Jøran Laukholm  
Management Representative



Certificate No: QSC-6037  
Place and date: Høvik, 02 June 2017

## Appendix to Certificate

### Yara International ASA, Segment unit Production

Sites included in the certification are as follows:

| Site Name                                                                      | Site Address                                                               | Site Scope                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Yara International ASA,<br>Operation segment Production /<br>Yara Belgium S.A. | Corporate Village,<br>Aramis Da Vincilaan 1 B-1935<br>Zaventem,<br>Belgium | Production, Storage, Loading and<br>Distribution of fertilizer, and chemicals for<br>industrial use.                                                                                                                                                                                                                                                                                                 |
| Yara Suomi Oy,<br>Uusikaupunki                                                 | Hangonsaari,<br>23500 Uusikaupunki,<br>Finland                             | Production of plant nutrients and technical<br>chemicals, logistics of raw materials and<br>products, as well as customer deliveries.                                                                                                                                                                                                                                                                |
| Yara Suomi Oy,<br>Sillinjärvi                                                  | Nilsiantie 501,<br>71800 Sillinjärvi,<br>Finland                           | Production of plant nutrients and technical<br>chemicals, logistics of raw materials and<br>products, as well as customer deliveries.                                                                                                                                                                                                                                                                |
| Yara Suomi Oy,<br>Kokkola                                                      | Kemirantie 1,<br>67900 Kokkola,<br>Finland                                 | Manufacturing of potassium sulphate and<br>feed phosphates and terminal operations.                                                                                                                                                                                                                                                                                                                  |
| Yara Norge AS,<br>Yara Glomfjord                                               | Ørnesveien 3,<br>8160 Glomfjord,<br>Norway                                 | Production of fertilizers and derived<br>chemical products.                                                                                                                                                                                                                                                                                                                                          |
| Yara Norge AS,<br>Yara Porsgrunn                                               | Hydrovegen 55,<br>3936 Porsgrunn,<br>Norway                                | Production of fertilizers and derived<br>chemical products.                                                                                                                                                                                                                                                                                                                                          |
| Yara AB                                                                        | Östra Varvsgatan 4,<br>211 75 Malmö,<br>Sweden                             | Production and loading of industrial<br>chemicals. Production, bagging, storage<br>and distribution of technical nitrates and of<br>inorganic feed phosphates and feed acids.<br>Marketing and sales of industrial chemicals,<br>technical nitrates and inorganic feed<br>phosphates and feed acids. Development of<br>inorganic feed phosphates and feed acids.<br>Distribution of phosphoric acid. |
| Yara AB,<br>Landskrona                                                         | Andra Tvärgatan,<br>261 24 Landskrona,<br>Sweden                           | Bagging, storage and distribution of<br>fertilizers. Production and loading of<br>industrial chemicals.                                                                                                                                                                                                                                                                                              |
| Yara AB,<br>Köping                                                             | Nya Hamnvägen 14,<br>731 36 Köping,<br>Sweden                              | Production and loading of industrial<br>chemicals. Production, bagging, storage<br>and distribution of technical nitrates.                                                                                                                                                                                                                                                                           |
| Yara AB,<br>Norrköping                                                         | Kommendantvägen,<br>601 38 Norrköping,<br>Sweden                           | Bagging, storage and distribution of<br>fertilizer.                                                                                                                                                                                                                                                                                                                                                  |

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DNV GL Business Assurance Norway AS, Veritasveien 1, 1322 Høvik, Norway. TEL: +47 67 57 99 00, <http://assurance.dnvgl.com>

Page 2 of 4

Certificate No: QSC-6037  
Place and date: Høvik, 02 June 2017

|                                                          |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Yara AB,<br>Åhus                                         | Steffen Sohstsgatan,<br>296 32 Åhus,<br>Sweden                                        | Bagging, storage and distribution of<br>fertilizer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Yara AB,<br>Helsingborg                                  | Industrigatan 70,<br>252 32 Helsingborg,<br>Sweden                                    | Production, bagging, storage and<br>distribution of Inorganic feed phosphates<br>and feed acids. Development of inorganic<br>feed phosphates and feed acids.<br>Distribution of phosphoric acid.                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Yara Tertre S.A. / N.V.                                  | Rue de la Carbo 10,<br>7333 Tertre,<br>Belgium                                        | Production, storage and forwarding of<br>Ammonia, Anhydrous Ammonia, Technical<br>Nitric Acid with a grade over 65% (a grade<br>of 99% for overseas), Ammonium Nitrate<br>solution and Fertilizers.<br>On behalf of Third Party: production,<br>storage and forwarding of Technical Nitric<br>Acid with a grade lower than or equal to<br>65%, Technical Nitric Acid with a grade of<br>99%, Aqua Ammonia, Technical<br>Ammonium Nitrate solution, 2-Ethyl Hexyl<br>Nitrate, Ilquefied Carbon Dioxide,<br>production and storage of Manganese<br>Nitrate.<br>Maintenance of all the equipments of the<br>site included. |
| Yara Brunsbüttel GmbH                                    | Holstendamm 2,<br>25572 Büttel,<br>Germany                                            | Manufacture of ammonia, urea, argon,<br>nitrogen, sulphur, ammonia solutions, urea<br>solutions and vanadium oxides.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Yara Rostock Zweigniederlassung<br>der YARA GmbH & Co KG | Werkstr. 1,<br>18184 Poppendorf,<br>Germany                                           | Production of nitric acid, nitrate fertilizer<br>and technical grades ammonium nitrates.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Yara Sluiskil B.V.                                       | Industrieweg 10,<br>4541 HJ Sluiskil,<br>The Netherlands                              | Production, storage and loading of<br>Ammonia, Ammonium Nitrate, Aqua<br>Ammonia, Nitric Acid, Liquid Carbon<br>Dioxide (CO2) and Urea.<br>Inspection and testing of mechanical<br>equipment.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Yara France,<br>Ambes                                    | Chemin de Piétru,<br>33810 Ambes,<br>France                                           | Production, internal transfer and<br>preparation for shipment of Nitric Acid,<br>Ammonium Nitrate Hot Solution and<br>Ammonium Nitrate 33,5 %. Reception and<br>preparation for shipment of Ammonia.                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Yara France,<br>Le Havre                                 | Route de la Brèque,<br>Port du Havre n°4260,<br>76700 Gonfreville l'Orcher,<br>France | Manufacturing, Internal Transfer and<br>Provision of Product for fertilizer or<br>industrial use: Anhydrous Ammonia,<br>included Ammonia High Purity Solid Urea,<br>included Animal Feed Grade Urea Aqueous<br>Ammonia Urea solution, included AdBlue.                                                                                                                                                                                                                                                                                                                                                                  |

Certificate No: QSC-6037  
Place and date: Høvik, 02 June 2017

|                                     |                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Yara France,<br>Montoir de Bretagne | Zone Industrielle et Portuaire,<br>44550 Montoir de Bretagne,<br>France                                                   | Design activities, production, internal transfer and dispatching of ammonium nitrate, complex fertilizers, nitric acid and alkali.                                                                                                                                                                                                                                                            |
| Yara France,<br>Pardies             | Usine de Pardies,<br>Pôle 5, Route des Usines<br>64150 Pardies,<br>France                                                 | Sales of Ammonia, Production, Internal transfer and associated services for Nitrogen by-products : Aqueous ammonia solutions, standard Nitric acids, Concentrated Nitric acid, Nitrogen tetroxyde, ammonium nitrate solutions, granulated Ammonium Nitrate, Nitrates specialities solutions.                                                                                                  |
| Yara Italia S.p.A.                  | Piazzale G. Donegani,<br>12 - 44100 Ferrara (FE),<br>Italy<br><br>Via Benigno Crespi,<br>57 - 20159 Milano (MI),<br>Italy | Management plant production of liquid Carbon Dioxide, technical and food grade. Production and industry marketing of Ammonia, Urea, ureic and ammonia solutions, Argon. Marketing of Nitric acid, Calcium nitrate, Ammonium nitrate and Oxygen. Provision of the service of analytical controls on emissions to water and finished products.                                                  |
| Yara Italia S.p.A.                  | Stabilimento / Plant:<br>Via Baiona,<br>107 - 48123 Ravenna (RA),<br>Italy                                                | Industrialization and production of solid and liquid fertilizers and technical products: Nitric Acid, UAN (Urea-Ammonium Nitrate), Ammonium Nitrate and complex fertilizers (sector EA:12).<br><br>Industrializzazione e produzione di fertilizzanti solidi-liquidi e di prodotti tecnici: acido nitrico, UAN (urea-nitrato ammonico), nitrato ammonico e concimi complessi. (settore EA:12). |
| Yara Brasil Fertilizantes S/A       | Av. Almirante Maximiano Fonseca,<br>2001, 96204-040 Rio Grande,<br>RS, Brazil                                             | Solid and liquid storage, loading and unloading in bulk of fertilizer raw materials and production of mineral fertilizers (super phosphate and blend).                                                                                                                                                                                                                                        |
| Yara Trinidad Ltd.                  | Light Pole No. 887 Southern Main Road,<br>Savonetta,<br>Trinidad and Tobago                                               | Manufacture and sale of Anhydrous Ammonia, sale of Carbon Dioxide, procurement, storage, and sale of Sulphuric Acid, and the provision of Harbour Services.                                                                                                                                                                                                                                   |

# MANAGEMENT SYSTEM CERTIFICATE

Certificate No:  
2002-OSL-SYMI 8154

Initial certification date:  
10 June 2002

Valid:  
07 June 2017 - 07 June 2020

This is to certify that the management system of

## **Yara International ASA, Segment unit Production**

Drammensveien 131, 0277 Oslo, Norway  
and the sites as mentioned in the appendix accompanying this certificate

have been found to conform to the Environmental Management System standard:  
**ISO 14001:2015**

This certificate is valid for the following scope:

**Production, Storage, Loading and Distribution of fertilizer, and chemicals for industrial use.**

Place and date:  
Høvik, 02 June 2017



For the issuing office:  
DNV GL – Business Assurance  
Veritasveien 1, 1363 Høvik, Norway

A handwritten signature in black ink, appearing to read 'Jøran Laukholm'.

Jøran Laukholm  
Management Representative

Certificate No: 2002-OSL-SYMI 8154  
Place and date: Høvik, 02 June 2017

## Appendix to Certificate

### Yara International ASA, Segment unit Production

Sites included in the certification are as follows:

|                                                                                |                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Yara International ASA,<br>Operation segment Production /<br>Yara Belgium S.A. | Corporate Village,<br>Aramis Da Vincilaan 1 B-1935<br>Zaventem,<br>Belgium | Production, Storage, Loading and<br>Distribution of fertilizer, and chemicals for<br>Industrial use.                                                                                                                                                                                                                                                                                                 |
| Yara Suomi Oy,<br>Uusikaupunki                                                 | Hangonsaari,<br>23500 Uusikaupunki,<br>Finland                             | Production of plant nutrients and technical<br>chemicals, logistics of raw materials and<br>products, as well as customer deliveries.                                                                                                                                                                                                                                                                |
| Yara Suomi Oy,<br>Sillinjärvi                                                  | Nilsilantie 501,<br>71800 Sillinjärvi,<br>Finland                          | Production of plant nutrients and technical<br>chemicals, logistics of raw materials and<br>products, as well as customer deliveries.                                                                                                                                                                                                                                                                |
| Yara Suomi Oy,<br>Kokkola                                                      | Kemirantie 1,<br>67900 Kokkola,<br>Finland                                 | Manufacturing of potassium sulphate and<br>feed phosphates and terminal operations.                                                                                                                                                                                                                                                                                                                  |
| Yara Norge AS,<br>Yara Glomfjord                                               | Ørnesveien 3,<br>8160 Glomfjord,<br>Norway                                 | Production of fertilizers and derived<br>chemical products.                                                                                                                                                                                                                                                                                                                                          |
| Yara Norge AS,<br>Yara Porsgrunn                                               | Hydrovegen 55,<br>3936 Porsgrunn,<br>Norway                                | Production of fertilizers and derived<br>chemical products.                                                                                                                                                                                                                                                                                                                                          |
| Yara AB                                                                        | Östra Varvgatan 4,<br>211 75 Malmö,<br>Sweden                              | Production and loading of industrial<br>chemicals. Production, bagging, storage<br>and distribution of technical nitrates and of<br>inorganic feed phosphates and feed acids.<br>Marketing and sales of industrial chemicals,<br>technical nitrates and inorganic feed<br>phosphates and feed acids. Development of<br>inorganic feed phosphates and feed acids.<br>Distribution of phosphoric acid. |
| Yara AB,<br>Köping                                                             | Nya Hamnvägen 14,<br>731 36 Köping,<br>Sweden                              | Production and loading of industrial<br>chemicals. Production, bagging, storage<br>and distribution of technical nitrates.                                                                                                                                                                                                                                                                           |
| Yara AB,<br>Helsingborg                                                        | Industrigatan 70,<br>252 32 Helsingborg,<br>Sweden                         | Production, bagging, storage and<br>distribution of inorganic feed phosphates<br>and feed acids. Development of inorganic<br>feed phosphates and feed acids.<br>Distribution of phosphoric acid.                                                                                                                                                                                                     |

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate Invalid.

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Certificate No: 2002-OSI-SYMI 8154  
Place and date: Høvik, 02 June 2017

|                                                       |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Yara Tertre S.A. / N.V.                               | Rue de la Carbo 10,<br>7333 Tertre,<br>Belgium                                        | Production, storage and forwarding of Ammonia, Anhydrous Ammonia, Technical Nitric Acid with a grade over 65% (a grade of 99% for overseas), Ammonium Nitrate solution and Fertilizers.<br>On behalf of Third Party: production, storage and forwarding of Technical Nitric Acid with a grade lower than or equal to 65%, Technical Nitric Acid with a grade of 99%, Aqua Ammonia, Technical Ammonium Nitrate solution, 2-Ethyl Hexyl Nitrate, liquefied Carbon Dioxide, production and storage of Manganese Nitrate.<br>Maintenance of all the equipments of the site included. |
| Yara Brunsbüttel GmbH                                 | Holstendamm 2,<br>25572 Büttel,<br>Germany                                            | Manufacture of ammonia, urea, argon, nitrogen, sulphur, ammonia solutions, urea solutions and vanadium oxides.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Yara Rostock Zweigniederlassung der YARA GmbH & Co KG | Werkstr. 1,<br>18184 Poppendorf,<br>Germany                                           | Production of nitric acid, nitrate fertilizer and technical grades ammonium nitrates.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Yara Sluiskil B.V.                                    | Industrieweg 10,<br>4541 HJ Sluiskil,<br>The Netherlands                              | Production, storage and loading of Ammonia, Ammonium Nitrate, Aqua Ammonia, Nitric Acid, Liquid Carbon Dioxide (CO2) and Urea.<br>Inspection and testing of mechanical equipment.                                                                                                                                                                                                                                                                                                                                                                                                |
| Yara France, Ambes                                    | Chemin de Piétru,<br>33810 Ambes,<br>France                                           | Production, internal transfer and preparation for shipment of Nitric Acid, Ammonium Nitrate Hot Solution and Ammonium Nitrate 33,5 %. Reception and preparation for shipment of Ammonia.                                                                                                                                                                                                                                                                                                                                                                                         |
| Yara France, Le Havre                                 | Route de la Brèque,<br>Port du Havre n°4260,<br>76700 Gonfreville l'Orcher,<br>France | Manufacturing, Internal Transfer and Provision of Product for fertilizer or industrial use: Anhydrous Ammonia, included Ammonia High Purity Solid Urea, included Animal Feed Grade Urea Aqueous Ammonia Urea solution, included AdBlue.                                                                                                                                                                                                                                                                                                                                          |
| Yara France, Montoir de Bretagne                      | Zone Industrielle et Portuaire,<br>44550 Montoir de Bretagne,<br>France               | Design activities, production, internal transfer and dispatching of ammonium nitrate, complex fertilizers, nitric acid and alkali.                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Yara France, Pardies                                  | Usine de Pardies,<br>Pôle 5, Route des Usines<br>64150 Pardies,<br>France             | Sales of Ammonia, Production, internal transfer and associated services for Nitrogen by-products : Aqueous ammonia solutions, standard Nitric acids, Concentrated Nitric acid, Nitrogen tetroxyde, ammonium nitrate solutions, granulated Ammonium Nitrate, Nitrates specialities solutions.                                                                                                                                                                                                                                                                                     |

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Certificate No: 2002-OSL-SYMI 8154  
Place and date: Høvik, 02 June 2017

|                               |                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Yara Italia S.p.A.            | Piazzale G. Donegani,<br>12 - 44100 Ferrara (FE),<br>Italy                      | Production of Ammonia; through the phases of: desulphurisation, reforming, conversion, decarbonation, methanation, synthesis and storage; urea; through the phases of: synthesis, distillation, vacuum concentration, granulation and storage; ammonia sulphate solution; liquid carbon dioxide and argon; ammonia and urea solution.                                                         |
| Yara Italia S.p.A.            | Stabilimento / Plant:<br>Via Baiona,<br>107 - 48123 Ravenna (RA),<br>Italy      | Industrialization and production of solid and liquid fertilizers and technical products: Nitric Acid, UAN (Urea-Ammonium Nitrate), Ammonium Nitrate and complex fertilizers (sector EA:12).<br><br>Industrializzazione e produzione di fertilizzanti solidi-liquidi e di prodotti tecnici: acido nitrico, UAN (urea-nitrato ammonico), nitrato ammonico e concimi complessi. (settore EA:12). |
| Yara Brasil Fertilizantes S/A | Av. Almirante Maximiliano Fonseca,<br>2001, 96204-040 Rio Grande,<br>RS, Brazil | Solid and liquid storage, loading and unloading in bulk of fertilizer raw materials and production of mineral fertilizers (superphosphate and blend).                                                                                                                                                                                                                                         |
| Yara Trinidad Ltd.            | Light Pole No. 887 Southern Main Road,<br>Savonetta,<br>Trinidad and Tobago     | Manufacture and sale of Anhydrous Ammonia, sale of Carbon Dioxide, procurement, storage, and sale of Sulphuric Acid, and the provision of Harbour Services.                                                                                                                                                                                                                                   |

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# MANAGEMENT SYSTEM CERTIFICATE

Certificate No:  
60481-2009-AHSO-NOR-NA

Initial certification date:  
12 September 2009

Valid:  
07 June 2017 - 07 June 2020

This is to certify that the management system of

## **Yara International ASA, Segment unit Production**

Drammensveien 131, 0277 Oslo, Norway

and the sites as mentioned in the appendix accompanying this certificate

have been found to conform to the Occupational Health and Safety Management  
System standard:

**OHSAS 18001:2007**

This certificate is valid for the following scope:

**Production, Storage, Loading and Distribution of fertilizer, and chemicals for  
industrial use.**

Place and date:  
Høvik, 02 June 2017



For the Issuing office:  
DNV GL – Business Assurance  
Veritasveien 1, 1363 Høvik, Norway

**Jøran Laukholm**  
Management Representative



Certificate No: 60481-2009-AHSO-NOR-NA  
Place and date: Høvik, 02 June 2017

## Appendix to Certificate

### Yara International ASA, Segment unit Production

Sites included in the certification are as follows:

| Site Name                                                                      | Site Address                                                               | Site Scope                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Yara International ASA,<br>Operation segment Production /<br>Yara Belgium S.A. | Corporate Village,<br>Aramis Da Vincilaan 1 B-1935<br>Zaventem,<br>Belgium | Production, Storage, Loading and<br>Distribution of fertilizer, and chemicals for<br>Industrial use.                                                                                                                                                                                                                                                                                                 |
| Yara Suomi Oy,<br>Uusikaupunki                                                 | Hangonsaari,<br>23500 Uusikaupunki,<br>Finland                             | Production of plant nutrients and technical<br>chemicals, logistics of raw materials and<br>products, as well as customer deliveries.                                                                                                                                                                                                                                                                |
| Yara Suomi Oy,<br>Siilinjärvi                                                  | Nilsiläntie 501,<br>71800 Siilinjärvi,<br>Finland                          | Production of plant nutrients and technical<br>chemicals, logistics of raw materials and<br>products, as well as customer deliveries.                                                                                                                                                                                                                                                                |
| Yara Suomi Oy,<br>Kokkola                                                      | Kemirantie 1,<br>67900 Kokkola,<br>Finland                                 | Manufacturing of potassium sulphate and<br>feed phosphates and terminal operations.                                                                                                                                                                                                                                                                                                                  |
| Yara Norge AS,<br>Yara Glomfjord                                               | Ørnesvelen 3,<br>8160 Glomfjord,<br>Norway                                 | Production of fertilizers and derived<br>chemical products.                                                                                                                                                                                                                                                                                                                                          |
| Yara Norge AS,<br>Yara Porsgrunn                                               | Hydrovegen 55,<br>3936 Porsgrunn,<br>Norway                                | Production of fertilizers and derived<br>chemical products.                                                                                                                                                                                                                                                                                                                                          |
| Yara AB                                                                        | Östra Varvsgatan 4,<br>211 75 Malmö,<br>Sweden                             | Production and loading of industrial<br>chemicals. Production, bagging, storage<br>and distribution of technical nitrates and of<br>inorganic feed phosphates and feed acids.<br>Marketing and sales of industrial chemicals,<br>technical nitrates and inorganic feed<br>phosphates and feed acids. Development of<br>inorganic feed phosphates and feed acids.<br>Distribution of phosphoric acid. |
| Yara AB,<br>Köping                                                             | Nya Hamnvägen 14,<br>731 36 Köping,<br>Sweden                              | Production and loading of industrial<br>chemicals. Production, bagging, storage<br>and distribution of technical nitrates.                                                                                                                                                                                                                                                                           |

Certificate No: 60481-2009-AHSO-NOR-NA  
Place and date: Høvik, 02 June 2017

|                                                       |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| Yara AB,<br>Helsingborg                               | Industrigatan 70,<br>252 32 Helsingborg,<br>Sweden                                    | Production, bagging, storage and distribution of inorganic feed phosphates and feed acids. Development of inorganic feed phosphates and feed acids. Distribution of phosphoric acid.                                                                                                                                                                                                                                                                                                                                                                                             |
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| Yara France,<br>Ambes                                 | Chemin de Piétru,<br>33810 Ambes,<br>France                                           | Production, internal transfer and preparation for shipment of Nitric Acid, Ammonium Nitrate Hot Solution and Ammonium Nitrate 33,5 %. Reception and preparation for shipment of Ammonia.                                                                                                                                                                                                                                                                                                                                                                                         |
| Yara France,<br>Le Havre                              | Route de la Brèque,<br>Port du Havre n°4260,<br>76700 Gonfreville l'Orcher,<br>France | Manufacturing, Internal Transfer and Provision of Product for fertilizer or industrial use: Anhydrous Ammonia, included Ammonia High Purity Solid Urea, included Animal Feed Grade Urea Aqueous Ammonia Urea solution, included AdBlue.                                                                                                                                                                                                                                                                                                                                          |
| Yara France,<br>Montoir de Bretagne                   | Zone Industrielle et Portuaire,<br>44550 Montoir de Bretagne,<br>France               | Design activities, production, internal transfer and dispatching of ammonium nitrate, complex fertilizers, nitric acid and alkali.                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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Certificate No: 60481-2009-AHSO-NOR-NA  
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|                               |                                                                               |                                                                                                                                                                                                                                                                                             |
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| Yara Brasil Fertilizantes S/A | Av. Almirante Maximiano Fonseca,<br>2001, 96204-040 Rio Grande,<br>RS, Brazil | Solid and liquid storage, loading and unloading in bulk of fertilizer raw materials and production of mineral fertilizers (super phosphate and blend).                                                                                                                                      |
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## Technical Paper

"CONTROL OF ODORS & HYDROGEN SULFIDE  
RELATED CORROSION IN MUNICIPAL  
SEWAGE COLLECTION SYSTEMS USING A  
BIOCHEMICAL PROCESS: BIOXIDE®"

Presented at the 63rd Annual WPCF Conference  
October 9, 1990

By  
David J. Hunniford, P.E.  
Director Technical Services  
Davis Water & Waste Ind.,  
Process Division



CONTROL OF ODORS &  
HYDROGEN SULFIDE  
RELATED CORROSION  
IN MUNICIPAL SEWAGE  
COLLECTION SYSTEMS  
USING A BIOCHEMICAL  
PROCESS:  
**BIOXIDE®**

*continued*

## INTRODUCTION

A novel approach to cost effective treatment of severe odor and corrosion problems arising from anaerobic conditions in municipal wastewater collection systems has been developed and perfected by Davis Process. This recently patented treatment, called BIOXIDE®, utilizes the metabolic activity of naturally occurring bacterial organisms in wastewater to eliminate and prevent production of many odor causing compounds; including hydrogen sulfide, mercaptans, and related reduced sulfur containing products of septic sewage conditions.

When applied properly this biochemical treatment process can reduce dissolved hydrogen sulfide to  $< 0.1$  mg/L in sewage streams containing as much as 50 mg/L or more prior to treatment. Dissolved hydrogen sulfide reduction to this degree can in turn provide effective control of related odor and corrosion problems.

Numerous field evaluations have demonstrated that BIOXIDE® is a cost competitive alternative to other established treatments; including hydrogen peroxide, air injection, and metal salts.

This technical paper reviews the requirements for successful application of this process and results of numerous case histories which prove it a cost effective means for system wide odor/corrosion control.

## BACKGROUND

The BIOXIDE® process utilizes "liquid phase" treatment to effectively eliminate the presence of dissolved hydrogen sulfide and related odor causing compounds. By attacking the source of odor, corrosion, and safety problems caused by these compounds when released to the "gas phase" or atmosphere within the sewer BIOXIDE® efficiently treats these major collection system problems.

Figure I illustrates how under anaerobic conditions ( $DO < 1$ ) sulfate,  $SO_4^{2-}$ , is used as an oxygen source by sulfate reducing bacteria contained within the slime layer and converted to hydrogen sulfide.

Due to its low molecular weight hydrogen sulfide readily leaves the sewage as a gas. Figure II shows the vapor/liquid equilibrium favors gas evolution to an extreme degree; 1 ppm dissolved  $H_2S$  will not achieve equilibrium with the vapor phase until it reaches over 100 ppm. As Figure II shows severe toxic conditions can occur with relatively low sewage concentrations. BIOXIDE® reduces such safety problems by eliminating the cause, dissolved hydrogen sulfide.

Similarly, the severe corrosion of concrete and metal sewer structures caused by the biological formation of sulfuric acid from the gaseous hydrogen sulfide can be significantly inhibited by BIOXIDE® treatment of the sewage. It is not uncommon for major portions of wastewater collection systems to fail within 5% of their designed lifetime due to sulfide induced corrosion. Recently the EPA estimated that nationally over one billion dollars of sewer infrastructure repairs are needed. It is likely hydrogen sulfide has been a prime cause of such deterioration.\*

Therefore by treating the source of hydrogen sulfide and other "septic" wastewater odor compounds BIOXIDE® effectively minimizes related corrosion and safety problems while preventing odor problems.



\*1989 EPA Needs Survey, EPA Publication 430/9-84-011.

CONTROL OF ODORS &  
HYDROGEN SULFIDE  
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COLLECTION SYSTEMS  
USING A BIOCHEMICAL  
PROCESS:

BIOXIDE®

*continued*

## BIOXIDE® TREATMENT MECHANISM:

BIOXIDE® removes dissolved hydrogen sulfide from wastewater via a biochemical process which converts the sulfide to sulfate. The process utilizes the inherent ability of a type of facultative bacteria normally present in wastewater to "metabolize" hydrogen sulfide and other reduced sulfur containing compounds. Typically the proper sewage "conditions" required for this biological activity do not exist to any significant degree within a wastewater collection system.

This deficient sewage condition or more specifically a lack of required "nutrients", primarily a stable oxygen source via nitrate ion, can be altered by the proper addition of the BIOXIDE® treatment solution to the wastewater. The primary constituent of this aqueous solution is nitrate-oxygen,  $\text{NO}_3\text{-O}$ , which provides the normally lacking oxygen source necessary for the subject biochemical mechanism.

Figure III illustrates how this process can be applied to remove dissolved hydrogen sulfide and prevent its further production. As this is a biochemical rather than strictly a chemical process reaction time is not "instantaneous"; typically two hours is required for completion. Note the reaction mechanism shows that the bacteria, likely *Thiobacillus denitrificans*, utilize the nitrate oxygen and as part of their metabolism oxidize the hydrogen sulfide to sulfate and produce nitrogen gas. Based upon the stoichiometry of this reaction 2.4 lbs  $\text{NO}_3\text{-O}$  are required to oxidize 1 lb of hydrogen sulfide.

Figure IV summarizes a series of laboratory experiments conducted in the development of this process which established this as a predictable mechanism. Note the initial "incubation" period, typically 12-48 hours, is significantly greater than the minimum "ongoing" reaction time of two hours. These lab results have been confirmed in numerous full scale collection system applications.

Since the species added to the wastewater via BIOXIDE® are chemically stable, "altering the environment" of a large collection system to establish widespread treatment can be accomplished with minimal application points. The resulting anoxic conditions of the treated collection lines provide for continuous removal of dissolved sulfide contributed by untreated side streams and prevention of further downstream sulfide formation. Because this is a biological action the treated wastewater BOD is lowered, the magnitude or significance of which is dependent on the amount of sulfide treatment.

## APPLICATION OVERVIEW:

Based on the established mechanism and field experience the following collection system characteristics are necessary for successful odor control application of this process:

1. Normal Biological Activity: the vast majority of domestic wastewaters will meet this criteria. Potentially some industrial wastewaters with pH outside the 6-8 range or containing some biologically toxic substances could not be treated.
2. Detention Time over 2 hours: BIOXIDE® application must occur such that a reaction period of 2 hours or more is provided. This makes BIOXIDE® a particularly effective treatment technique for long detention time force mains/ interceptors since one application point can control days of detention time problems.

To provide cost effective odor control and avoid effecting the wastewater treatment plant in any adverse manner successful application of BIOXIDE® requires a detailed knowledge of the collection system to match application rates to sulfide demand.

Figure V shows a typical feed/storage system used by Davis. The BIOXIDE® solution is metered into the wastewater stream via variable stroke, positive displacement bellows pumps. Typically the run time of these pumps is controlled by a timer to match feed to



established flow rates, detention times, and sulfide concentrations of wastewater streams to be treated. BIOXIDE® is supplied in drum or bulk depending upon site and feed requirements.

In order to sufficiently alter the collection system "environment" with the minimum quantity of BIOXIDE® solution an extensive survey of the system must be conducted to establish the "demand" criteria. Once some basic system information (see Figure VI) has been expanded into a true characterization of the odor problem (see Figure VII) then a cost effective application design is established. Thereby a significant nitrate "residual" in the WWTP influent is avoided and odor control results per treatment dollar are maximized.

A secondary application criteria is that nitrogen gas release predominately occur prior to processing of treated sewage under quiescent conditions (grit removal/clarifiers). This will avoid solids rising to the water surface with the nitrogen gas bubbles.

By properly designing a BIOXIDE® odor control system the natural biological process is capable of treating and preventing the source of most problem sewage odors throughout a severely affected collection system without any adverse effects. The following case history information provides examples of such.

### BIOXIDE® VS OTHER TREATMENTS

Chemical treatment is the most prevalent form of sewage treatment for odor and sulfide corrosion problems because of its ability to effectively treat the liquid phase. But certain aspects of each chemical treatment give BIOXIDE® a basis for being considered as an alternative, especially when wide spread or severe collection system problems exist.

Oxidizers such as hydrogen peroxide, chlorine, or permanganate can rapidly convert hydrogen sulfide to sulfate, but their inherent strong reactivity is not sulfide specific which prevents cost effective treatment of sewage lines with hours of detention time. Additionally their reactive and/or toxic nature cause them to be hazardous to handle/store in residential areas.

Precipitants such as iron or zinc salts rapidly convert hydrogen sulfide to insoluble metal sulfides. While more stable in the sewage matrix than the oxidizers and less hazardous, feed rates may be limited by treatment plant constraints. Additionally, no odor control benefits beyond hydrogen sulfide are provided.

Caustic treatment to elevate pH is not a practical solution for large scale problems due to the hazards of harming the downstream biological process.

BIOXIDE®, due to its biochemical mechanism can treat sulfide problems at their source without being costly and prevent septic conditions which produce the odors. Because it enhances biological activity downstream problems are less likely. And the solution is relatively safe to handle and store; it is not classified as an oxidizer or corrosive (nor is it classified as a hazardous substance by the CERCLA List).

Effective biological treatment via oxygen injection or bacteria addition for any sizeable problem is normally not practical because of "instability" under septic sewage conditions and dosage problems. Since BIOXIDE® provides for a stable, easily dosed means of changing the biological environment of the sewer it can cost effectively treat septic conditions.

Air Treatment via scrubbing or spraying is attractive from an operating cost standpoint when comparing the cost of treating a few isolated points in a collection system, but when system wide odor control is needed or corrosion is a problem air treatment can not solve the problem. BIOXIDE® is a practical solution because it treats and prevents such problems at their source.



CONTROL OF ODORS &  
HYDROGEN SULFIDE  
RELATED CORROSION  
IN MUNICIPAL SEWAGE  
COLLECTION SYSTEMS  
USING A BIOCHEMICAL  
PROCESS:  
**BIOXIDE®**

*continued*

## CASE HISTORY REVIEW

The BIOXIDE® process has been proven capable of solving wastewater odor problems in a variety of systems around the country; from single force mains with only 0.02 MGD to entire collection systems with 7 MGD. In most cases the objective was to reduce and maintain dissolved hydrogen sulfide to <1.0 ppm, and in some instances <0.1 ppm. The following project reviews document that BIOXIDE® has achieved these treatment goals with pre-treatment concentrations in excess of 50 ppm and detention times exceeding 7 days.

### WEATHERBY LAKE, MO

This lake front community collects approximately 0.25 MGD of wastewater via a small diameter, low pressure collection system. The entire flow is eventually conveyed to one large pump station before being pumped into a larger regional wastewater system. To prevent odor complaints from the community concerning the U Cove Pump Station hydrogen peroxide was fed at four points upstream. During July 1990 a test of BIOXIDE® was initiated to determine if more cost effective treatment could be achieved.

Addition of BIOXIDE® at three upstream points (total feed = 21 gpd) reduced dissolved hydrogen sulfide from 15 ppm to < 0.1 ppm.

The feed rate required matched the predicted amount ( $0.25 \text{ MGD} \times 15 \text{ ppm} \times 8.34 \times 2.4 \times 1/3.5 = 21 \text{ gpd BIOXIDE®}$ ). The nearly "closed" system prevented significant loss of hydrogen sulfide prior to the pump station so predicted amount matched actual.

The cost of BIOXIDE® treatment relative to hydrogen peroxide was 60% less. Based upon this BIOXIDE® replaced peroxide as the permanent treatment.

### NASHVILLE, TN

A long force main, detention time = 20 hrs., which discharged at the Dry Creek WWTP was being treated with hydrogen peroxide eight hours upstream in order to maintain dissolved hydrogen sulfide < 1 ppm at its discharge. During July 1990 BIOXIDE® was tested as a possible alternative treatment.

Following a two week trial it was established that 245 gpd of BIOXIDE® treatment was required to maintain < 0.1 ppm dissolved hydrogen sulfide at the WWTP (based upon 2.5 MGD sewage flow and 18 ppm  $\text{H}_2\text{S}$  predicted feed was 257 gpd). The daily BIOXIDE® cost at this rate was 30% less than peroxide requirements to achieve equivalent treatment. Subsequently BIOXIDE® is being used on a regular basis.

### AUSTIN, TX

A force main with nearly a 7 day detention time discharged wastewater containing over 50 ppm dissolved hydrogen sulfide at times. Addition of 7.5 gpd of BIOXIDE® at the pump station reduced downstream  $\text{H}_2\text{S}$  to < 1 ppm. Additionally the BOD of the 0.017 MGD flow was reduced 60%.

Additional references and case history information is available upon request.

## SUMMARY

BIOXIDE® should be considered for treatment of severe/widespread municipal wastewater collection odor and/or corrosion problems because:

1. Problems are prevented by biological processes early on in the system.
2. Extensive field use has established it economically attractive.
3. Process characteristics are inherently safe relative to many alternatives.





CONTROL OF ODORS &  
HYDROGEN SULFIDE  
RELATED CORROSION  
IN MUNICIPAL SEWAGE  
COLLECTION SYSTEMS  
USING A BIOCHEMICAL  
PROCESS:

BIOXIDE®

continued

Figure I

Processes occurring in sewers under sulfide buildup conditions \*

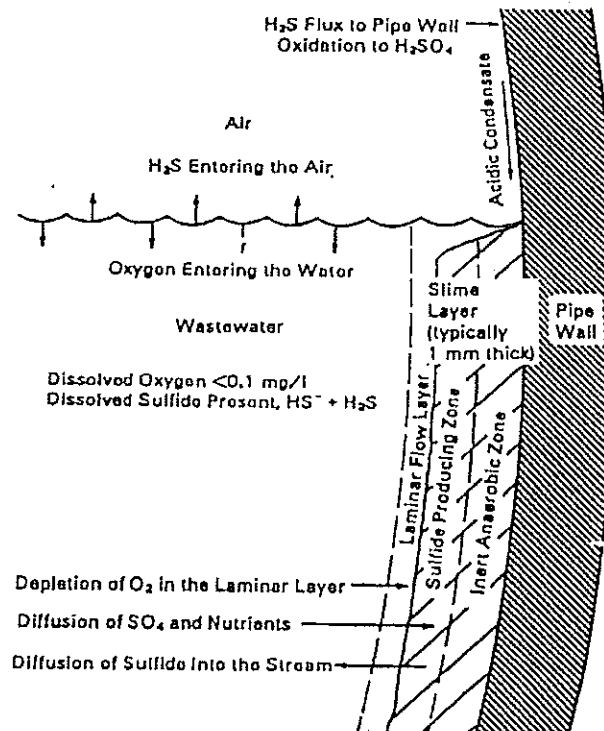


Figure II

Hydrogen sulfide toxicity spectrum\* H<sub>2</sub>S Equilibrium Conc. (PPM)

|                                               | Air   | Liquid |
|-----------------------------------------------|-------|--------|
|                                               | 0.1   |        |
|                                               | 0.2   |        |
|                                               | 3     |        |
| Rotten Egg Odor Alarm                         | 10    | <0.5   |
|                                               | 50    |        |
| Threshold of Serious Eye Injury               | 100   | 0.5    |
| Loss of Sense of Smell                        | 300   | 1.5    |
|                                               | 500   | 2.0    |
| Imminent Life Threat                          | 1,000 | 4.0    |
|                                               | 2,000 | 8.0    |
| Immediate Collapse with Respiratory Paralysis |       |        |



\*Reproduced in part from EPA Design Manual 625/1-85/018

CONTROL OF ODORS &  
HYDROGEN SULFIDE  
RELATED CORROSION  
IN MUNICIPAL SEWAGE  
COLLECTION SYSTEMS  
USING A BIOCHEMICAL  
PROCESS:  
**BIOXIDE®**

*continued*

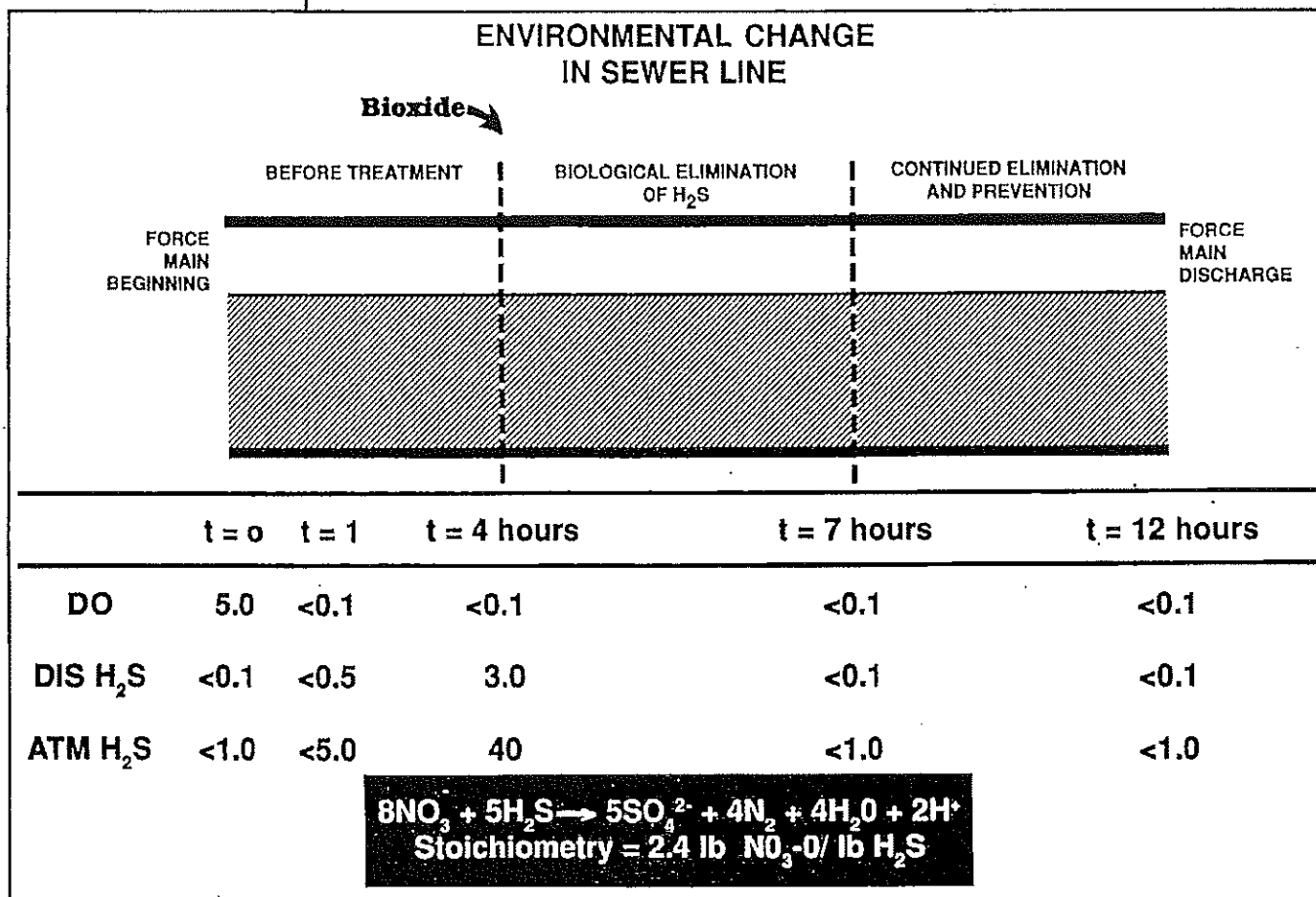


Figure III

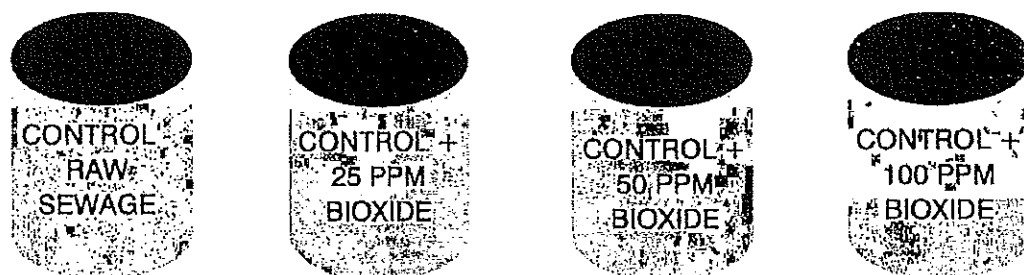


CONTROL OF ODORS &  
HYDROGEN SULFIDE  
RELATED CORROSION  
IN MUNICIPAL SEWAGE  
COLLECTION SYSTEMS  
USING A BIOCHEMICAL  
PROCESS:

BIOXIDE®

*continued*

## *Lab Experiment Results*



Dissolved  $H_2S$  (ppm)

t=0 - Add 20 ppm  $H_2S$  to each

|          |    |    |    |    |
|----------|----|----|----|----|
| t=4 hrs. | 20 | 20 | 20 | 20 |
|----------|----|----|----|----|

|           |    |   |   |   |
|-----------|----|---|---|---|
| t=20 hrs. | 18 | 9 | 0 | 0 |
|-----------|----|---|---|---|

t=24 hrs. - Add 20 ppm  $H_2S$  to each

|      |    |    |    |   |
|------|----|----|----|---|
| t=27 | 37 | 28 | 19 | 0 |
|------|----|----|----|---|

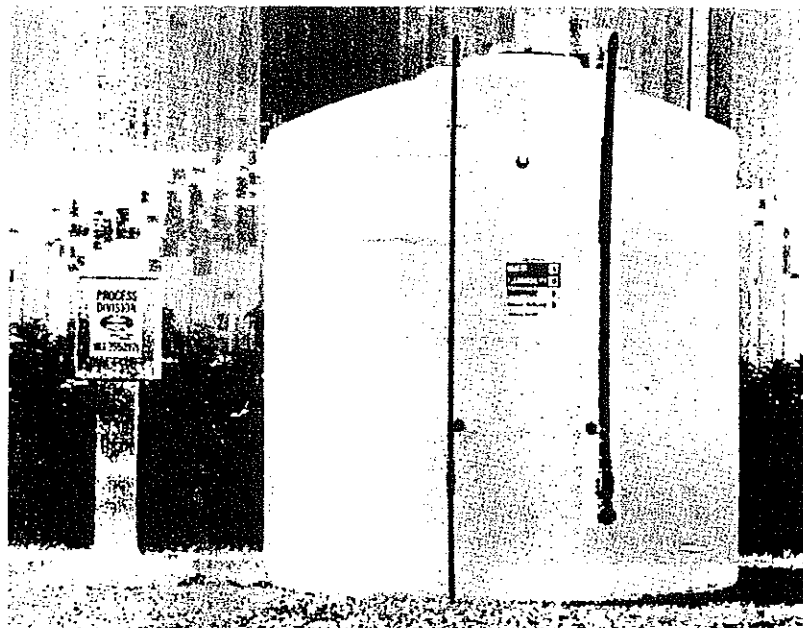
Figure IV



CONTROL OF ODORS &  
HYDROGEN SULFIDE  
RELATED CORROSION  
IN MUNICIPAL SEWAGE  
COLLECTION SYSTEMS  
USING A BIOCHEMICAL  
PROCESS:  
**BIOXIDE®**

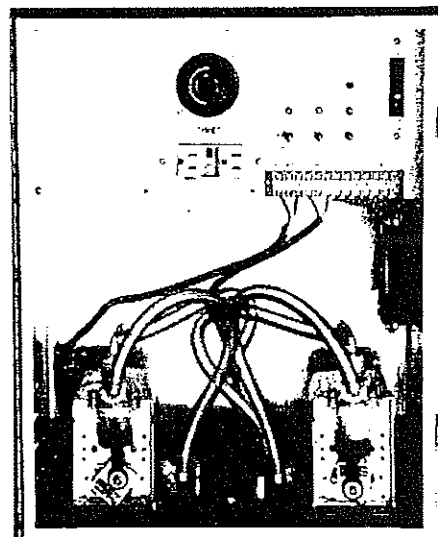
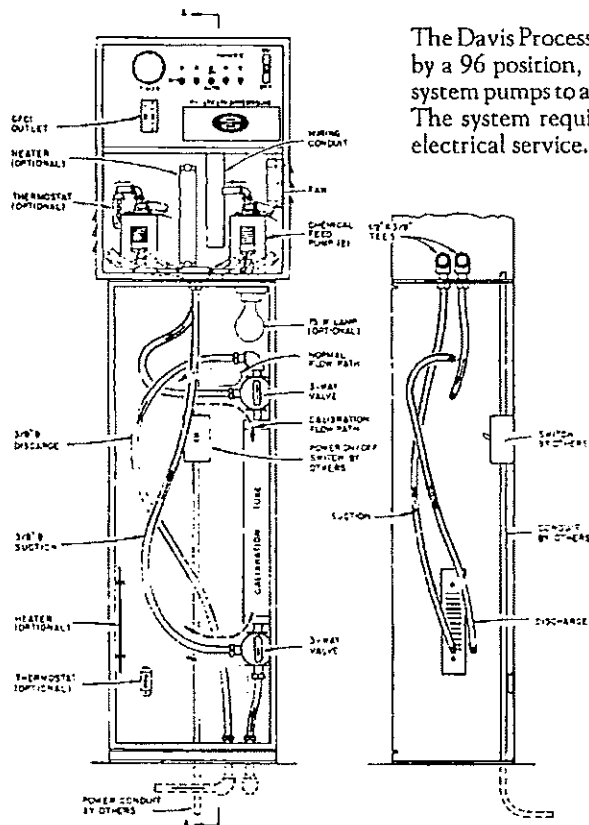
*continued*

Figure V  
**ABOVE GROUND BIOXIDE® STORAGE**



**CONTROL UNIT**

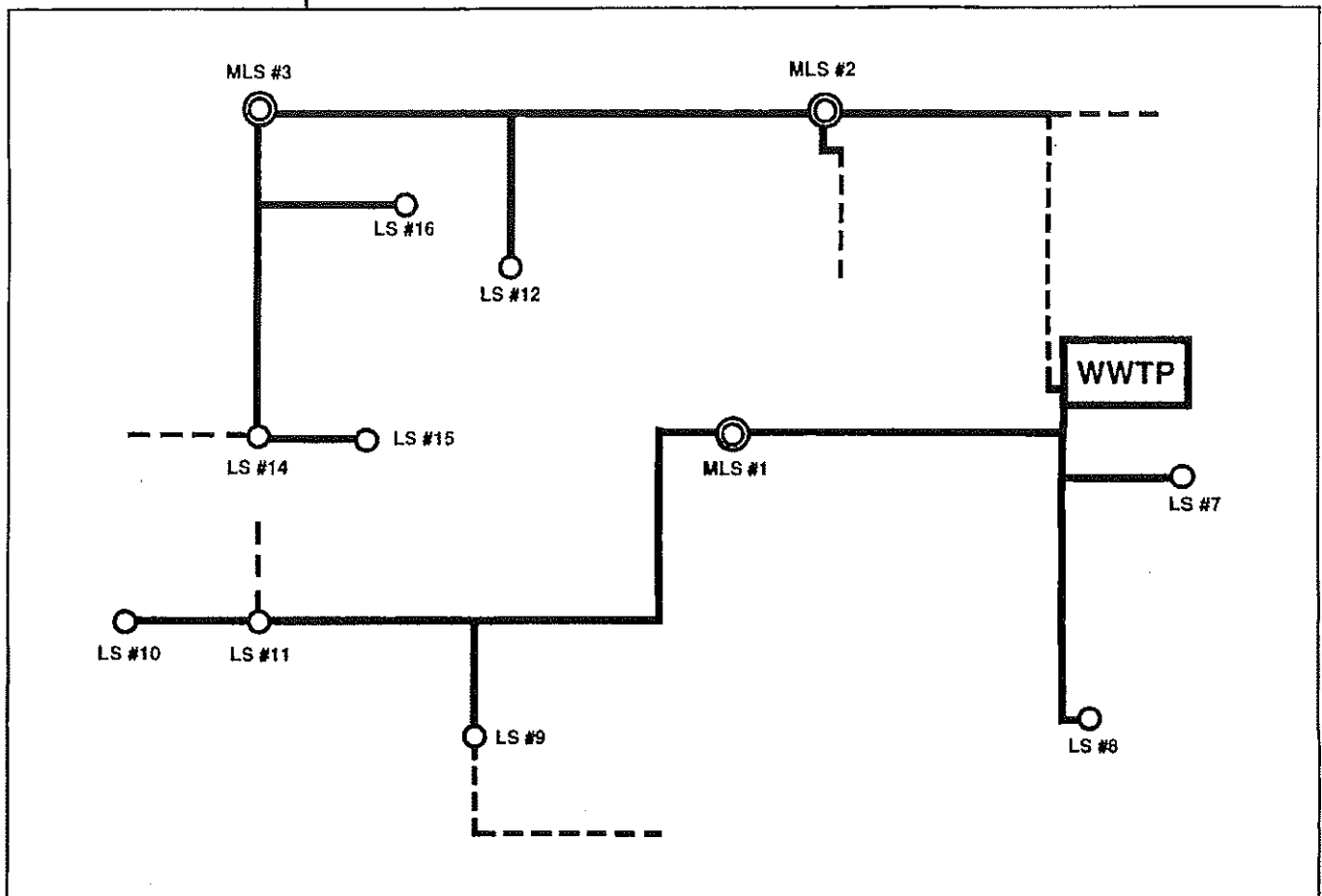
The Davis Process Control Unit is activated and programmed by a 96 position, 15 minute increment timer which enables system pumps to automatically turn on and off by timed cycle. The system requires 115 volt, 60 Hz, 15 amp, single phase electrical service.



CONTROL OF ODORS &  
HYDROGEN SULFIDE  
RELATED CORROSION  
IN MUNICIPAL SEWAGE  
COLLECTION SYSTEMS  
USING A BIOCHEMICAL  
PROCESS:  
BIOXIDE®

*continued*

Figure VI  
COLLECTION SYSTEMS FLOW DIAGRAM



## continued

[illegible]



# CERTIFICATE OF LIABILITY INSURANCE

Page 1 of 1

DATE (MM/DD/YYYY)  
05/05/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

|                                                                                                                                                                   |                                                              |                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------|
| <b>PRODUCER</b><br>Willis Towers Watson Northeast, Inc. fka Willis of Pennsylvania, Inc.<br>c/o 26 Century Blvd<br>P.O. Box 305191<br>Nashville, TN 372305191 USA | <b>CONTACT NAME:</b> Willis Towers Watson Certificate Center |                                      |
|                                                                                                                                                                   | <b>PHONE (A/C, No, Ext):</b> 1-877-945-7378                  | <b>FAX (A/C, No):</b> 1-888-467-2378 |
|                                                                                                                                                                   | <b>E-MAIL ADDRESS:</b> certificates@willis.com               |                                      |
| <b>INSURED</b><br>EWT Holdings III Corp.<br>Evoqua Water Technologies LLC<br>1451 E. Nine Mile Road<br>Hazel Park, MI 48030                                       | <b>INSURER(S) AFFORDING COVERAGE</b>                         |                                      |
|                                                                                                                                                                   | <b>INSURER A:</b> Great American E & S Insurance Company     | <b>NAIC #</b> 37532                  |
|                                                                                                                                                                   | <b>INSURER B:</b> Zurich American Insurance Company          | <b>16535</b>                         |
|                                                                                                                                                                   | <b>INSURER C:</b> Everest National Insurance Company         | <b>10120</b>                         |
|                                                                                                                                                                   | <b>INSURER D:</b> American Zurich Insurance Company          | <b>40142</b>                         |
|                                                                                                                                                                   | <b>INSURER E:</b>                                            |                                      |
|                                                                                                                                                                   | <b>INSURER F:</b>                                            |                                      |

**COVERAGES****CERTIFICATE NUMBER: W16420529****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

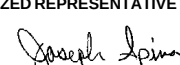
| INSR LTR | TYPE OF INSURANCE                                                                                         | ADDL INSD                       | SUBR WVD                                               | POLICY NUMBER  | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS                                                                          |
|----------|-----------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------|----------------|-------------------------|-------------------------|---------------------------------------------------------------------------------|
| A        | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY                                          |                                 |                                                        | PL 9953269-03  | 12/31/2019              | 12/31/2020              | EACH OCCURRENCE \$ 2,000,000                                                    |
|          | <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR                            |                                 | DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 |                |                         |                         |                                                                                 |
|          |                                                                                                           |                                 | MED EXP (Any one person) \$ 5,000                      |                |                         |                         |                                                                                 |
|          |                                                                                                           |                                 | PERSONAL & ADV INJURY \$ 2,000,000                     |                |                         |                         |                                                                                 |
|          | GEN'L AGGREGATE LIMIT APPLIES PER:                                                                        |                                 |                                                        |                |                         |                         | GENERAL AGGREGATE \$ 4,000,000                                                  |
|          | <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC |                                 |                                                        |                |                         |                         | PRODUCTS - COMP/OP AGG \$ 4,000,000                                             |
|          | OTHER:                                                                                                    |                                 |                                                        |                |                         |                         | \$                                                                              |
| B        | <b>AUTOMOBILE LIABILITY</b>                                                                               |                                 |                                                        | BAP 0378580 00 | 12/31/2019              | 12/31/2020              | COMBINED SINGLE LIMIT (Ea accident) \$ 5,000,000                                |
|          | <input checked="" type="checkbox"/> ANY AUTO                                                              |                                 | BODILY INJURY (Per person) \$                          |                |                         |                         |                                                                                 |
|          | <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY   |                                 | BODILY INJURY (Per accident) \$                        |                |                         |                         |                                                                                 |
|          | <input type="checkbox"/> HIRED AUTOS ONLY                                                                 |                                 | PROPERTY DAMAGE (Per accident) \$                      |                |                         |                         |                                                                                 |
|          |                                                                                                           |                                 |                                                        |                |                         |                         | \$                                                                              |
| C        | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR               |                                 |                                                        | XC8CU00035191  | 12/31/2019              | 12/31/2020              | EACH OCCURRENCE \$ 5,000,000                                                    |
|          | <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE                                 |                                 | AGGREGATE \$ 5,000,000                                 |                |                         |                         |                                                                                 |
|          | <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000                      |                                 | \$                                                     |                |                         |                         |                                                                                 |
| D        | <b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b>                                                      |                                 |                                                        | WC 0378581 00  | 12/31/2019              | 12/31/2020              | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER |
|          | ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)                               | Y/N <input type="checkbox"/> No | N/A                                                    |                |                         |                         | E.L. EACH ACCIDENT \$ 1,000,000                                                 |
|          | If yes, describe under DESCRIPTION OF OPERATIONS below                                                    |                                 |                                                        |                |                         |                         | E.L. DISEASE - EA EMPLOYEE \$ 1,000,000                                         |
|          |                                                                                                           |                                 |                                                        |                |                         |                         | E.L. DISEASE - POLICY LIMIT \$ 1,000,000                                        |
| B        | <b>Workers Compensation &amp; Employers Liability</b>                                                     |                                 |                                                        | WC 0378582 00  | 12/31/2019              | 12/31/2020              | Each Accident \$1,000,000                                                       |
|          | <b>Per Statute</b>                                                                                        |                                 | Disease-Policy Limit \$1,000,000                       |                |                         |                         |                                                                                 |
|          |                                                                                                           |                                 | Disease-Each Employee \$1,000,000                      |                |                         |                         |                                                                                 |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re: ITB # 1007-20-LSM  
Supply and Delivery of Calcium Nitrate Double  
Salt & Odor Control Service

The County, its officers, officials, employees and agents are included as Additional Insureds with respects to General Liability if required by written contract and Auto Liability.

**CERTIFICATE HOLDER****CANCELLATION**

|                                                                                                                                                         |                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>KING COUNTY PROCUREMENT &amp; CONTRACT SERVICES</b><br>ATTN: MARY E. SCHUMACHER, CPPB<br>401 - 5TH AVE, 3RD FL, M/S CNK-ES-0340<br>SEATTLE, WA 98104 | SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. |
|                                                                                                                                                         | AUTHORIZED REPRESENTATIVE<br>                                              |

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**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**AUTOMATIC ADDITIONAL INSURED - WHEN REQUIRED  
IN WRITING IN A CONTRACT OR AGREEMENT WITH YOU**

This endorsement modifies insurance provided under the following:

**COMMERCIAL GENERAL LIABILITY COVERAGE FORM**

**A. SECTION II – WHO IS AN INSURED** is amended to include as an additional insured any person(s) or organization(s) with whom you have agreed in writing in a contract or agreement to include as an additional insured on your policy, but only with respect to liability for "bodily injury", "property damage", or "personal and advertising injury" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:

1. In the performance of your ongoing operations; or
2. In connection with your premises owned by or rented to you.

However, the insurance afforded to such additional insured:

1. Only applies to the extent permitted by law; and
2. Will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

**B. With respect to the insurance afforded to these additional insureds, the following is added to SECTION III - LIMITS OF INSURANCE AND SELF-INSURED RETENTIONS:**

The most we will pay on behalf of the additional insured is:

1. The amount of insurance required by the contract or agreement, minus the amount of damages payable by you within the "self-insured retention"; or
2. The amount of insurance available in excess of the "self-insured retention" under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

**This endorsement does not change any other provision of the policy.**

Includes copyrighted material of Insurance Services Office, Inc., with its permission.



**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**  
**GENERAL ENDORSEMENT**

**NOTICE OF CANCELLATION TO DESIGNATED ENTITY**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE FORM  
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE FORM

**SCHEDULE**

**Name and Address of Designated Entity(ies):**

If you are obligated, pursuant to a written contract or agreement, to provide person(s) or organization(s) with notice of cancellation, then we will notify such person(s) or organization(s) provided that within 30 days of the date we send notice of cancellation to the first named insured, the first named insured or producer of record provides us with a spreadsheet containing the name, mailing address and, if available, e-mail address of the person(s) or organization(s).

All other terms and conditions remain unchanged.

1. If we cancel this policy for any reason other than nonpayment of premium, we will give written notice to the entity(ies) shown in the Schedule. Such notice may be delivered or sent by any means of our choosing and will be given as soon as practicable after notice has been sent to the first Named Insured. If the first Named Insured cancels this policy, no notice will be sent by us.
2. Such notice is solely for the purpose of informing the Designated Entity(ies) of the effective date of cancellation and does not grant, alter, or extend any rights or obligations under this policy.
3. Failure to give notice in accordance with Paragraph 1., above does not:
  - a. Alter the effective date of policy cancellation;
  - b. Render such cancellation ineffective; or
  - c. Extend the insurance beyond the effective date of cancellation.

# Notification to Others of Cancellation



| Policy No.     | Eff. Date of Pol. | Exp. Date of Pol. | Eff. Date of End. | Producer | Add'l Prem. | Return Prem. |
|----------------|-------------------|-------------------|-------------------|----------|-------------|--------------|
| BAP 0378580-00 | 12/31/2019        | 12/31/2020        |                   | 15066000 | \$ INCL     | \$           |

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

This endorsement modifies insurance provided under the:

## **Commercial Automobile Coverage Part**

- A.** If we cancel this Coverage Part by written notice to the first Named Insured for any reason other than nonpayment of premium, we will mail or deliver a copy of such written notice of cancellation:
1. To the name and address corresponding to each person or organization shown in the Schedule below; and
  2. At least 10 days prior to the effective date of the cancellation, as advised in our notice to the first Named Insured, or the longer number of days notice if indicated in the Schedule below.
- B.** If we cancel this Coverage Part by written notice to the first Named Insured for nonpayment of premium, we will mail or deliver a copy of such written notice of cancellation to the name and address corresponding to each person or organization shown in the Schedule below at least 10 days prior to the effective date of such cancellation.
- C.** If notice as described in Paragraphs **A.** or **B.** of this endorsement is mailed, proof of mailing will be sufficient proof of such notice.

### **SCHEDULE**

| <b>Name and Address of Other Person(s) / Organization(s):</b> | <b>Number of Days Notice:</b> |
|---------------------------------------------------------------|-------------------------------|
|                                                               |                               |
|                                                               |                               |
|                                                               |                               |
|                                                               |                               |
|                                                               |                               |
|                                                               |                               |
|                                                               |                               |
|                                                               |                               |
|                                                               |                               |
|                                                               |                               |

All other terms and conditions of this policy remain unchanged.

---

**BLANKET NOTIFICATION TO OTHERS OF CANCELLATION OR NONRENEWAL ENDORSEMENT**

This endorsement adds the following to Part Six of the policy.

**PART SIX  
CONDITIONS****Blanket Notification to Others of Cancellation or Nonrenewal**

1. If we cancel or non-renew this policy by written notice to you, we will mail or deliver notification that such policy has been cancelled or non-renewed to each person or organization shown in a list provided to us by you if you are required by written contract or written agreement to provide such notification. However, such notification will not be mailed or delivered if a conditional notice of renewal has been sent to you. Such list:
  - a. Must be provided to us prior to cancellation or non-renewal;
  - b. Must contain the names and addresses of only the persons or organizations requiring notification that such policy has been cancelled or non-renewed; and
  - c. Must be in an electronic format that is acceptable to us.
2. Our notification as described in Paragraph 1. above will be based on the most recent list in our records as of the date the notice of cancellation or non-renewal is mailed or delivered to you. We will mail or deliver such notification to each person or organization shown in the list:
  - a. Within seven days of the effective date of the notice of cancellation, if we cancel for non-payment of premium; or
  - b. At least 30 days prior to the effective date of:
    - (1) Cancellation, if cancelled for any reason other than nonpayment of premium; or
    - (2) Non-renewal, but not including conditional notice of renewal.
3. Our mailing or delivery of notification described in Paragraphs 1. and 2. above is intended as a courtesy only. Our failure to provide such mailing or delivery will not:
  - a. Extend the policy cancellation or non-renewal date;
  - b. Negate the cancellation or non-renewal; or
  - c. Provide any additional insurance that would not have been provided in the absence of this endorsement.
4. We are not responsible for the accuracy, integrity, timeliness and validity of information contained in the list provided to us as described in Paragraphs 1. and 2. above.

All other terms and conditions of this policy remain unchanged.

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

**(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)**

Endorsement Effective  
Insured

Policy No.

Endorsement No.  
Premium \$

Insurance Company



**Staff Report: 079-22**

**TO:** Mayor and City Council

**FROM:** Eric Holmes, City Manager

**DATE:** 6/27/2022

**SUBJECT** Professional Service Agreements for On-Call Surveying Services

**Key Points**

- On-Call task order contracts allow for the efficient procurement of scope-specific professional assistance during times of peak workload.
- A Request for Qualifications (RFQ) was issued by the City for On-Call Surveying Services, to which nine firms responded.
- Responses were evaluated and one firm was selected to provide On-Call Surveying Services in the following categories of work: Property Boundaries, Mapping and Construction staking.
- The contracts will be in place for a period of three years, utilizing specific task orders.

**Strategic Plan Alignment**

**Goal 1:** Ensure our built urban environment is one of the safest, most environmentally responsible and well maintained in the Pacific Northwest

**Present Situation**

The City Survey Department has not been able to keep up with current needs and has contracted out in excess of \$600,000 over the last five years. With the increase of Public Works and Transportation projects, On-Call Surveying Services will need to be utilized to avoid delays.

The City issued an RFQ 23-22 for On-Call Surveying Services in April 2022 and received nine responses. There were a total of four vendors selected, but three are on hold awaiting a WSDOT overhead rate approval letter. To expedite the process to allow staff to utilize services, staff is bringing forth one contract to Council for this agenda and the three other contracts will come at a later date. After a review of all responses, the evaluation committee selected one consultant for On-Call Professional Service Contracts. The City Survey Department proposes to execute the contract for three years in the amount shown below with a possible extension of 2 years.

| Surveying Firm       | Contract Amount | Work Categories              |
|----------------------|-----------------|------------------------------|
| Minister and Glaeser | \$600,000       | Property Boundaries, Mapping |

Utilizing On-Call contracts for projects allows the City flexibility in staffing projects during times of peak workload.

**Advantage(s)**

- Provides immediate surveying services needed to assist City staff for both planned and unexpected projects.
- Provides maximum flexibility to Survey staff to ensure all projects are adequately and professionally staffed.
- Establishing an On-Call contract now that utilizes subsequent task orders as needed and reduces staff time required to facilitate the consultant hiring process for each task.
- Allows for the hiring of consultants that are specialized in specific fields that meet project needs of the Survey department.

**Disadvantage(s)**

Using consultants can be more costly than using City staff; however, the short-term nature of On-Call task assignments creates an as-needed, short-term supplement to City staff during peak workloads at a reasonable cost.

**Budget Impact**

Expenditures for task orders executed from this On-Call contract will be funded from the applicable project's budget.

**Prior Council Review**

None

**Action Requested**

Authorize the City Manager or his designee to execute a Professional Service Agreement with Minister and Glaeser Surveying, Inc for professional survey services on an as-needed basis for three years with the not-to-exceed amount as indicated above; and authorize the City Manager to approve any legal action necessary to enforce the terms of the same.

*Glenn Donald, Professional Land Surveyor/Contract Manager, 360-487-7774*

**ATTACHMENTS:**

- ▢ Contract

# Local Agency A&E Professional Services Negotiated Hourly Rate Consultant Agreement

Agreement Number: C-100930

|                                                                                                                                                                                                                                                                                                                                                                  |                                                                                              |                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------|
| Firm/Organization Legal Name (do not use dba's):<br><b>Minister &amp; Glaeser Surveying, Inc</b>                                                                                                                                                                                                                                                                 |                                                                                              |                                          |
| Address<br>2200 E Evergreen Blvd, Vancouver, WA 98661                                                                                                                                                                                                                                                                                                            | Federal Aid Number<br><b>N/A</b>                                                             |                                          |
| UBI Number<br><b>600-478-496</b>                                                                                                                                                                                                                                                                                                                                 | Federal TIN<br><b>91-1201685</b>                                                             |                                          |
| Execution Date<br><b>June 1, 2022</b>                                                                                                                                                                                                                                                                                                                            | Completion Date<br><b>May 31, 2025</b>                                                       |                                          |
| 1099 Form Required<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                        | Federal Participation<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                                          |
| Project Title<br><b>On-Call Surveying Services</b>                                                                                                                                                                                                                                                                                                               |                                                                                              |                                          |
| Description of Work<br>On-call surveying and other related professional services.                                                                                                                                                                                                                                                                                |                                                                                              |                                          |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No DBE Participation<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No MBE Participation<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No WBE Participation<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No SBE Participation |                                                                                              | Maximum Amount Payable: <b>\$600,000</b> |

## Index of Exhibits

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| <a href="#">Exhibit A</a> | Scope of Work                                                     |
| <a href="#">Exhibit B</a> | DBE Participation                                                 |
| <a href="#">Exhibit C</a> | Preparation and Delivery of Electronic Engineering and Other Data |
| <a href="#">Exhibit D</a> | Prime Consultant Cost Computations                                |
| <a href="#">Exhibit E</a> | Sub-consultant Cost Computations                                  |
| <a href="#">Exhibit F</a> | Title VI Assurances                                               |
| <a href="#">Exhibit G</a> | Certification Documents                                           |
| <a href="#">Exhibit H</a> | Liability Insurance Increase                                      |
| <a href="#">Exhibit I</a> | Alleged Consultant Design Error Procedures                        |
| <a href="#">Exhibit J</a> | Consultant Claim Procedures                                       |

THIS AGREEMENT, made and entered into as shown in the “Execution Date” box on page one (1) of this AGREEMENT, between the City of Vancouver, hereinafter called the “AGENCY,” and the “Firm / Organization Name” referenced on page one (1) of this AGREEMENT, hereinafter called the “CONSULTANT.”

WHEREAS, the AGENCY desires to accomplish the work referenced in “Description of Work” on page one (1) of this AGREEMENT and hereafter called the “SERVICES;” and does not have sufficient staff to meet the required commitment and therefore deems it advisable and desirable to engage the assistance of a CONSULTANT to provide the necessary SERVICES; and

WHEREAS, the CONSULTANT represents that they comply with the Washington State Statutes relating to professional registration, if applicable, and has signified a willingness to furnish consulting services to the AGENCY.

NOW, THEREFORE, in consideration of the terms, conditions, covenants, and performance contained herein, or attached and incorporated and made a part hereof, the parties hereto agree as follows:

## **I. General Description of Work**

The work under this AGREEMENT shall consist of the above-described SERVICES as herein defined, and necessary to accomplish the completed work for this project. The CONSULTANT shall furnish all services, labor, and related equipment and, if applicable, sub-consultants and subcontractors necessary to conduct and complete the SERVICES as designated elsewhere in this AGREEMENT.

## **II. General Scope of Work**

The Scope of Work and projected level of effort required for these SERVICES is described in Exhibit “A” attached hereto and by this reference made a part of this AGREEMENT. The General Scope of Work was developed utilizing performance based contracting methodologies.

## **III. General Requirements**

All aspects of coordination of the work of this AGREEMENT with outside agencies, groups, or individuals shall receive advance approval by the AGENCY. Necessary contacts and meetings with agencies, groups, and/or individuals shall be coordinated through the AGENCY. The CONSULTANT shall attend coordination, progress, and presentation meetings with the AGENCY and/or such State, Federal, Community, City, or County officials, groups or individuals as may be requested by the AGENCY. The AGENCY will provide the CONSULTANT sufficient notice prior to meetings requiring CONSULTANT participation. The minimum required hours or days’ notice shall be agreed to between the AGENCY and the CONSULTANT and shown in Exhibit “A.”

The CONSULTANT shall prepare a monthly progress report, in a form approved by the AGENCY, which will outline in written and graphical form the various phases and the order of performance of the SERVICES in sufficient detail so that the progress of the SERVICES can easily be evaluated.

The CONSULTANT, any sub-consultants, and the AGENCY shall comply with all Federal, State, and local laws, rules, codes, regulations, and all AGENCY policies and directives, applicable to the work to be performed under this AGREEMENT. This AGREEMENT shall be interpreted and construed in accordance with the laws of the State of Washington.

Participation for Disadvantaged Business Enterprises (DBE) or Small Business Enterprises (SBE), if required, per 49 CFR Part 26, shall be shown on the heading of this AGREEMENT. If DBE firms are utilized at the commencement of this AGREEMENT, the amounts authorized to each firm and their certification number will be shown on Exhibit “B” attached hereto and by this reference made part of this AGREEMENT. If the Prime CONSULTANT is, a DBE certified firm they must comply with the Commercial Useful Function (CUF) regulation outlined in the AGENCY’s “DBE Program Participation Plan” and perform a minimum of 30% of the total amount of this AGREEMENT. It is recommended, but not required, that non-DBE Prime CONSULTANTS perform a minimum of 30% of the total amount of this AGREEMENT.

In the absents of a mandatory DBE goal, a voluntary SBE goal amount of ten percent of the Consultant Agreement is established. The Consultant shall develop a SBE Participation Plan prior to commencing work. Although the goal is voluntary, the outreach efforts to provide SBE maximum practicable opportunities are not.

The CONSULTANT, on a monthly basis, shall enter the amounts paid to all firms (including Prime) involved with this AGREEMENT into the [wsdot.diversitycompliance.com](http://wsdot.diversitycompliance.com) program. Payment information shall identify any DBE Participation.

All Reports, PS&E materials, and other data furnished to the CONSULTANT by the AGENCY shall be returned. All electronic files, prepared by the CONSULTANT, must meet the requirements as outlined in Exhibit “C – Preparation and Delivery of Electronic Engineering and other Data.”

All designs, drawings, specifications, documents, and other work products, including all electronic files, prepared by the CONSULTANT prior to completion or termination of this AGREEMENT are instruments of service for these SERVICES, and are the property of the AGENCY. Reuse by the AGENCY or by others, acting through or on behalf of the AGENCY of any such instruments of service, not occurring, as a part of this SERVICE, shall be without liability or legal exposure to the CONSULTANT.

Any and all notices or requests required under this AGREEMENT shall be made in writing and sent to the other party by (i) certified mail, return receipt requested, or (ii) by email or facsimile, to the address set forth below:

If to AGENCY:

Name: Anna L. Vogel  
Agency: City of Vancouver  
Address: PO Box 1995  
City: Vancouver State: WA Zip: 98668  
Email: [anna.vogel@cityofvancouver.us](mailto:anna.vogel@cityofvancouver.us)  
Phone: 360-487-8429  
Facsimile:

If to CONSULTANT:

Name: Dan Renton  
Agency: Minister and Glaeser Surveying Inc  
Address: 2200 E Evergreen Blvd  
City: Vancouver State: WA Zip: 98661  
Email: [dar@mgsurvey.com](mailto:dar@mgsurvey.com)  
Phone: 360-694-8410  
Facsimile:

#### IV. Time for Beginning and Completion

The CONSULTANT shall not begin any work under the terms of this AGREEMENT until authorized in writing by the AGENCY. All work under this AGREEMENT shall conform to the criteria agreed upon detailed in the AGREEMENT documents. These SERVICES must be completed by the date shown in the heading of this AGREEMENT titled “Completion Date.”

The established completion time shall not be extended because of any delays attributable to the CONSULTANT, but may be extended by the AGENCY in the event of a delay attributable to the AGENCY, or because of unavoidable delays caused by an act of GOD, governmental actions, or other conditions beyond the control of the CONSULTANT. A prior supplemental AGREEMENT issued by the AGENCY is required to extend the established completion time.



## V. Payment Provisions

The CONSULTANT shall be paid by the AGENCY for completed SERVICES rendered under this AGREEMENT as provided hereinafter. Such payment shall be full compensation for SERVICES performed or SERVICES rendered and for all labor, materials, supplies, equipment, and incidentals necessary to complete SERVICES. The CONSULTANT shall conform to all applicable portions of 48 CFR Part 31 ([www.ecfr.gov](http://www.ecfr.gov)).

- A. Hourly Rates: Hourly rates are comprised of the following elements - Direct (Raw) Labor, Indirect Cost Rate, and Fee (Profit). The CONSULTANT shall be paid by the AGENCY for work done, based upon the negotiated hourly rates shown in Exhibits “D” and “E” attached hereto and by reference made part of this AGREEMENT. These negotiated hourly rates will be accepted based on a review of the CONSULTANT’s direct labor rates and indirect cost rate computations and agreed upon fee. The accepted negotiated rates shall be memorialized in a final written acknowledgment between the parties. Such final written acknowledgment shall be incorporated into, and become a part of, this AGREEMENT. The initially accepted negotiated rates shall be applicable from the approval date, as memorialized in a final written acknowledgment, to 180 days following the CONSULTANT’s fiscal year end (FYE) date.

The direct (raw) labor rates and classifications, as shown on Exhibits “D” and “E” shall be subject to renegotiations for each subsequent twelve (12) month period (180 days following FYE date to 180 days following FYE date) upon written request of the CONSULTANT or the AGENCY. The written request must be made to the other party within ninety (90) days following the CONSULTANT’s FYE date. If no such written request is made, the current direct (raw) labor rates and classifications as shown on Exhibits “D” and “E” will remain in effect for the twelve (12) month period.

Conversely, if a timely request is made in the manner set forth above, the parties will commence negotiations to determine the new direct (raw) labor rates and classifications that will be applicable for the twelve (12) month period. Any agreed to renegotiated rates shall be memorialized in a final written acknowledgment between the parties. Such final written acknowledgment shall be incorporated into, and become a part of, this AGREEMENT. If requested, the CONSULTANT shall provide current payroll register and classifications to aid in negotiations. If the parties cannot reach an agreement on the direct (raw) labor rates and classifications, the AGENCY shall perform an audit of the CONSULTANT’s books and records to determine the CONSULTANT’s actual costs. The audit findings will establish the direct (raw) labor rates and classifications that will be applicable for the twelve (12) month period.

The fee as identified in Exhibits “D” and “E” shall represent a value to be applied throughout the life of the AGREEMENT.

The CONSULTANT shall submit annually to the AGENCY an updated indirect cost rate within 180 days of the close of its fiscal year. An approved updated indirect cost rate shall be included in the current fiscal year rate under this AGREEMENT, even if/when other components of the hourly rate are not renegotiated. These rates will be applicable for the twelve (12) month period. At the AGENCY’s option, a provisional and/or conditional indirect cost rate may be negotiated. This provisional or conditional indirect rate shall remain in effect until the updated indirect cost rate is completed and approved. Indirect cost rate costs incurred during the provisional or conditional period will not be adjusted. The CONSULTANT may request an extension of the last approved indirect cost rate for the twelve (12) month period. These requests for provisional indirect cost rate and/or extension will be considered on a case-by-case basis, and if granted, will be memorialized in a final written acknowledgment.

The CONSULTANT shall maintain and have accessible support data for verification of the components of the hourly rates, i.e., direct (raw) labor, indirect cost rate, and fee (profit) percentage. The CONSULTANT shall bill each employee’s actual classification, and actual salary plus indirect cost rate plus fee.

- A. **Direct Non-Salary Costs:** Direct Non-Salary Costs will be reimbursed at the actual cost to the CONSULTANT. These charges may include, but are not limited to, the following items: travel, printing, long distance telephone, supplies, computer charges, and fees of sub-consultants. Air or train travel will be reimbursed only to lowest price available, unless otherwise approved by the AGENCY. The CONSULTANT shall comply with the rules and regulations regarding travel costs (excluding air, train, and rental car costs) in accordance with the WSDOT's Accounting Manual M 13-82, Chapter 10 – Travel Rules and Procedures, and all revisions thereto. Air, train, and rental card costs shall be reimbursed in accordance with 48 Code of Federal Regulations (CFR) Part 31.205-46 "Travel Costs." The billing for Direct Non-salary Costs shall include an itemized listing of the charges directly identifiable with these SERVICES. The CONSULTANT shall maintain the original supporting documents in their office. Copies of the original supporting documents shall be supplied to the STATE upon request. All above charges must be necessary for the SERVICES provided under this AGREEMENT.
- B. **Maximum Amount Payable:** The Maximum Amount Payable by the AGENCY to the CONSULTANT under this AGREEMENT shall not exceed the amount shown in the heading of this AGREEMENT on page one (1.) The Maximum Amount Payable does not include payment for extra work as stipulated in section XIII, "Extra Work." No minimum amount payable is guaranteed under this AGREEMENT.
- C. **Monthly Progress Payments:** Progress payments may be claimed on a monthly basis for all costs authorized in A and B above. Detailed statements shall support the monthly billings for hours expended at the rates established in Exhibit "D," including names and classifications of all employees, and billings for all direct non-salary expenses. To provide a means of verifying the billed salary costs for the CONSULTANT's employees, the AGENCY may conduct employee interviews. These interviews may consist of recording the names, titles, salary rates, and present duties of those employees performing work on the SERVICES at the time of the interview.
- D. **Final Payment:** Final Payment of any balance due the CONSULTANT of the gross amount earned will be made promptly upon its verification by the AGENCY after the completion of the SERVICES under this AGREEMENT, contingent upon receipt of all PS&E, plans, maps, notes, reports, electronic data, and other related documents, which are required to be furnished under this AGREEMENT. Acceptance of such Final Payment by the CONSULTANT shall constitute a release of all claims for payment, which the CONSULTANT may have against the AGENCY unless such claims are specifically reserved in writing and transmitted to the AGENCY by the CONSULTANT prior to its acceptance. Said Final Payment shall not, however, be a bar to any claims that the AGENCY may have against the CONSULTANT or to any remedies the AGENCY may pursue with respect to such claims.

The payment of any billing will not constitute agreement as to the appropriateness of any item and at the time of final audit all required adjustments will be made and reflected in a final payment. In the event that such final audit reveals an overpayment to the CONSULTANT, the CONSULTANT will refund such overpayment to the AGENCY within thirty (30) calendar days of notice of the overpayment. Such refund shall not constitute a waiver by the CONSULTANT for any claims relating to the validity of a finding by the AGENCY of overpayment. Per WSDOT's "Audit Guide for Consultants," Chapter 23 "Resolution Procedures," the CONSULTANT has twenty (20) working days after receipt of the final Post Audit to begin the appeal process to the AGENCY for audit findings

E. **Inspection of Cost Records:** The CONSULTANT and their sub-consultants shall keep available for inspection by representatives of the AGENCY and the United States, for a period of six (6) years after receipt of final payment, the cost records and accounts pertaining to this AGREEMENT and all items related to or bearing upon these records with the following exception: if any litigation, claim or audit arising out of, in connection with, or related to this AGREEMENT is initiated before the expiration of the six (6) year period, the cost records and accounts shall be retained until such litigation, claim, or audit involving the records is completed. An interim or post audit may be performed on this AGREEMENT. The audit, if any, will be performed by the State Auditor, WSDOT's Internal Audit Office and /or at the request of the AGENCY's Project Manager.

## VI. Sub-Contracting

The AGENCY permits subcontracts for those items of SERVICES as shown in Exhibit "A" attached hereto and by this reference made part of this AGREEMENT.

The CONSULTANT shall not subcontract for the performance of any SERVICE under this AGREEMENT without prior written permission of the AGENCY. No permission for subcontracting shall create, between the AGENCY and sub-consultant, any contract or any other relationship.

Compensation for this sub-consultant SERVICES shall be based on the cost factors shown on Exhibit "E" attached hereto and by this reference made part of this AGREEMENT.

The SERVICES of the sub-consultant shall not exceed its maximum amount payable identified in each sub consultant cost estimate unless a prior written approval has been issued by the AGENCY.

All reimbursable direct labor, indirect cost rate, direct non-salary costs and fee costs for the sub-consultant shall be negotiated and substantiated in accordance with section V "Payment Provisions" herein and shall be memorialized in a final written acknowledgment between the parties

All subcontracts shall contain all applicable provisions of this AGREEMENT, and the CONSULTANT shall require each sub-consultant or subcontractor, of any tier, to abide by the terms and conditions of this AGREEMENT. With respect to sub-consultant payment, the CONSULTANT shall comply with all applicable sections of the STATE's Prompt Payment laws as set forth in RCW 39.04.250 and RCW 39.76.011.

The CONSULTANT, sub-recipient, or sub-consultant shall not discriminate on the basis of race, color, national origin, or sex in the performance of this AGREEMENT. The CONSULTANT shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the CONSULTANT to carry out these requirements is a material breach of this AGREEMENT, which may result in the termination of this AGREEMENT or such other remedy as the recipient deems appropriate.

## VII. Employment and Organizational Conflict of Interest

The CONSULTANT warrants that they have not employed or retained any company or person, other than a bona fide employee working solely for the CONSULTANT, to solicit or secure this contract, and that it has not paid or agreed to pay any company or person, other than a bona fide employee working solely for the CONSULTANT, any fee, commission, percentage, brokerage fee, gift, or any other consideration, contingent upon or resulting from the award or making of this contract. For breach or violation of this warrant, the AGENCY shall have the right to annul this AGREEMENT without liability or, in its discretion, to deduct from this AGREEMENT price or consideration or otherwise recover the full amount of such fee, commission, percentage, brokerage fee, gift, or contingent fee.

Any and all employees of the CONSULTANT or other persons while engaged in the performance of any work or services required of the CONSULTANT under this AGREEMENT, shall be considered employees of the CONSULTANT only and not of the AGENCY, and any and all claims that may arise under any Workmen's Compensation Act on behalf of said employees or other persons while so engaged, and any and all claims made by a third party as a consequence of any act or omission on the part of the CONSULTANT's employees or other persons while so engaged on any of the work or services provided to be rendered herein, shall be the sole obligation and responsibility of the CONSULTANT.

The CONSULTANT shall not engage, on a full- or part-time basis, or other basis, during the period of this AGREEMENT, any professional or technical personnel who are, or have been, at any time during the period of this AGREEMENT, in the employ of the United States Department of Transportation or the AGENCY, except regularly retired employees, without written consent of the public employer of such person if he/she will be working on this AGREEMENT for the CONSULTANT.

Agreement Number:

C-100930

## VIII. Nondiscrimination

During the performance of this AGREEMENT, the CONSULTANT, for itself, its assignees, sub-consultants, subcontractors and successors in interest, agrees to comply with the following laws and regulations:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. Chapter 21 Subchapter V § 2000d through 2000d-4a)
- Federal-aid Highway Act of 1973 (23 U.S.C. Chapter 3 § 324)
- Rehabilitation Act of 1973 (29 U.S.C. Chapter 16 Subchapter V § 794)
- Age Discrimination Act of 1975 (42 U.S.C. Chapter 76 § 6101 *et. seq.*)
- Civil Rights Restoration Act of 1987 (Public Law 100-259)
- American with Disabilities Act of 1990 (42 U.S.C. Chapter 126 § 12101 *et. seq.*)
- 23 CFR Part 200
- 49 CFR Part 21
- 49 CFR Part 26
- RCW 49.60.180

In relation to Title VI of the Civil Rights Act of 1964, the CONSULTANT is bound by the provisions of Exhibit “F” attached hereto and by this reference made part of this AGREEMENT, and shall include the attached Exhibit “F” in every sub-contract, including procurement of materials and leases of equipment, unless exempt by the Regulations or directives issued pursuant thereto.

## IX. Termination of Agreement

The right is reserved by the AGENCY to terminate this AGREEMENT at any time with or without cause upon ten (10) days written notice to the CONSULTANT.

In the event this AGREEMENT is terminated by the AGENCY, other than for default on the part of the CONSULTANT, a final payment shall be made to the CONSULTANT for actual hours charged at the time of termination of this AGREEMENT, plus any direct non-salary costs incurred up to the time of termination of this AGREEMENT.

No payment shall be made for any SERVICES completed after ten (10) days following receipt by the CONSULTANT of the notice to terminate. If the accumulated payment made to the CONSULTANT prior to Notice of Termination exceeds the total amount that would be due when computed as set forth in paragraph two (2) of this section, then no final payment shall be due and the CONSULTANT shall immediately reimburse the AGENCY for any excess paid.

If the services of the CONSULTANT are terminated by the AGENCY for default on the part of the CONSULTANT, the above formula for payment shall not apply.

In the event of a termination for default, the amount to be paid to the CONSULTANT shall be determined by the AGENCY with consideration given to the actual costs incurred by the CONSULTANT in performing SERVICES to the date of termination, the amount of SERVICES originally required which was satisfactorily completed to date of termination, whether that SERVICE is in a form or a type which is usable to the AGENCY at the time of termination, the cost to the AGENCY of employing another firm to complete the SERVICES required and the time which may be required to do so, and other factors which affect the value to the AGENCY of the SERVICES performed at the time of termination. Under no circumstances shall payment made under this subsection exceed the amount, which would have been made using the formula set forth in paragraph two (2) of this section.

If it is determined for any reason, that the CONSULTANT was not in default or that the CONSULTANT’s failure to perform is without the CONSULTANT’s or its employee’s fault or negligence, the termination shall be deemed to be a termination for the convenience of the AGENCY. In such an event, the CONSULTANT would be reimbursed for actual costs in accordance with the termination for other than default clauses listed previously.

The CONSULTANT shall, within 15 days, notify the AGENCY in writing, in the event of the death of any member, partner, or officer of the CONSULTANT or the death or change of any of the CONSULTANT's supervisory and/or other key personnel assigned to the project or disaffiliation of any principally involved CONSULTANT employee.

The CONSULTANT shall also notify the AGENCY, in writing, in the event of the sale or transfer of 50% or more of the beneficial ownership of the CONSULTANT within 15 days of such sale or transfer occurring. The CONSULTANT shall continue to be obligated to complete the SERVICES under the terms of this AGREEMENT unless the AGENCY chooses to terminate this AGREEMENT for convenience or chooses to renegotiate any term(s) of this AGREEMENT. If termination for convenience occurs, final payment will be made to the CONSULTANT as set forth in the second and third paragraphs of this section.

Payment for any part of the SERVICES by the AGENCY shall not constitute a waiver by the AGENCY of any remedies of any type it may have against the CONSULTANT for any breach of this AGREEMENT by the CONSULTANT, or for failure of the CONSULTANT to perform SERVICES required of it by the AGENCY.

Forbearance of any rights under the AGREEMENT will not constitute waiver of entitlement to exercise those rights with respect to any future act or omission by the CONSULTANT.

## **X. Changes of Work**

The CONSULTANT shall make such changes and revisions in the completed work of this AGREEMENT as necessary to correct errors appearing therein, without additional compensation thereof. Should the AGENCY find it desirable for its own purposes to have previously satisfactorily completed SERVICES or parts thereof changed or revised, the CONSULTANT shall make such revisions as directed by the AGENCY. This work shall be considered as Extra Work and will be paid for as herein provided under section XIII "Extra Work."

## **XI. Disputes**

Any disputed issue not resolved pursuant to the terms of this AGREEMENT shall be submitted in writing within 10 days to the Director of Public Works or AGENCY Engineer, whose decision in the matter shall be final and binding on the parties of this AGREEMENT; provided however, that if an action is brought challenging the Director of Public Works or AGENCY Engineer's decision, that decision shall be subject to judicial review. If the parties to this AGREEMENT mutually agree, disputes concerning alleged design errors will be conducted under the procedures found in Exhibit "J". In the event that either party deem it necessary to institute legal action or proceeding to enforce any right or obligation under this AGREEMENT, this action shall be initiated in the Superior Court of the State of Washington, situated in the county in which the AGENCY is located. The parties hereto agree that all questions shall be resolved by application of Washington law and that the parties have the right of appeal from such decisions of the Superior Court in accordance with the laws of the State of Washington. The CONSULTANT hereby consents to the personal jurisdiction of the Superior Court of the State of Washington, situated in the county in which the AGENCY is located.

## **XII. Legal Relations**

The CONSULTANT, any sub-consultants, and the AGENCY shall comply with all Federal, State, and local laws, rules, codes, regulations and all AGENCY policies and directives, applicable to the work to be performed under this AGREEMENT. This AGREEMENT shall be interpreted and construed in accordance with the laws of the State of Washington.

The CONSULTANT shall defend, indemnify, and hold the State of Washington (STATE) and the AGENCY and their officers and employees harmless from all claims, demands, or suits at law or equity arising in whole or in part from the negligence of, or the breach of any obligation under this AGREEMENT by, the CONSULTANT or the CONSULTANT's agents, employees, sub consultants, subcontractors or vendors, of any tier, or any other persons for whom the CONSULTANT may be legally liable; provided that nothing herein shall require a CONSULTANT

to defend or indemnify the STATE and the AGENCY and their officers and employees against and hold harmless the STATE and the AGENCY and their officers and employees from claims, demands or suits based solely upon the negligence of, or breach of any obligation under this AGREEMENT by the STATE and the AGENCY, their agents, officers, employees, sub-consultants, subcontractors or vendors, of any tier, or any other persons for whom the STATE and /or the AGENCY may be legally liable; and provided further that if the claims or suits are caused by or result from the concurrent negligence of (a) the CONSULTANT or the CONSULTANT's agents, employees, sub-consultants, subcontractors or vendors, of any tier, or any other persons for whom the CONSULTANT is legally liable, and (b) the STATE and/or AGENCY, their agents, officers, employees, sub-consultants, subcontractors and or vendors, of any tier, or any other persons for whom the STATE and/or AGENCY may be legally liable, the defense and indemnity obligation shall be valid and enforceable only to the extent of the CONSULTANT's negligence or the negligence of the CONSULTANT's agents, employees, sub-consultants, subcontractors or vendors, of any tier, or any other persons for whom the CONSULTANT may be legally liable. This provision shall be included in any AGREEMENT between CONSULTANT and any sub-consultant, subcontractor and vendor, of any tier.

The CONSULTANT shall also defend, indemnify, and hold the STATE and the AGENCY and their officers and employees harmless from all claims, demands, or suits at law or equity arising in whole or in part from the alleged patent or copyright infringement or other allegedly improper appropriation or use of trade secrets, patents, proprietary information, know-how, copyright rights or inventions by the CONSULTANT or the CONSULTANT's agents, employees, sub-consultants, subcontractors or vendors, of any tier, or any other persons for whom the CONSULTANT may be legally liable, in performance of the Work under this AGREEMENT or arising out of any use in connection with the AGREEMENT of methods, processes, designs, information or other items furnished or communicated to STATE and/or the AGENCY, their agents, officers and employees pursuant to the AGREEMENT; provided that this indemnity shall not apply to any alleged patent or copyright infringement or other allegedly improper appropriation or use of trade secrets, patents, proprietary information, know-how, copyright rights or inventions resulting from STATE and/or AGENCY's, their agents', officers and employees' failure to comply with specific written instructions regarding use provided to STATE and/or AGENCY, their agents, officers and employees by the CONSULTANT, its agents, employees, sub-consultants, subcontractors or vendors, of any tier, or any other persons for whom the CONSULTANT may be legally liable.

The CONSULTANT's relation to the AGENCY shall be at all times as an independent contractor.

Notwithstanding any determination by the Executive Ethics Board or other tribunal, the AGENCY may, in its sole discretion, by written notice to the CONSULTANT terminate this AGREEMENT if it is found after due notice and examination by the AGENCY that there is a violation of the Ethics in Public Service Act, Chapter 42.52 RCW; or any similar statute involving the CONSULTANT in the procurement of, or performance under, this AGREEMENT.

The CONSULTANT specifically assumes potential liability for actions brought by the CONSULTANT's own employees or its agents against the STATE and/or the AGENCY and, solely for the purpose of this indemnification and defense, the CONSULTANT specifically waives any immunity under the state industrial insurance law, Title 51 RCW. The Parties have mutually negotiated this waiver.

Unless otherwise specified in this AGREEMENT, the AGENCY shall be responsible for administration of construction contracts, if any, on the project. Subject to the processing of a new sole source, or an acceptable supplemental AGREEMENT, the CONSULTANT shall provide On-Call assistance to the AGENCY during contract administration. By providing such assistance, the CONSULTANT shall assume no responsibility for proper construction techniques, job site safety, or any construction contractor's failure to perform its work in accordance with the contract documents.

The CONSULTANT shall obtain and keep in force during the terms of this AGREEMENT, or as otherwise required, the following insurance with companies or through sources approved by the State Insurance Commissioner pursuant to Title 48 RCW.

## Insurance Coverage

- A. Worker's compensation and employer's liability insurance as required by the STATE.
- B. Commercial general liability insurance written under ISO Form CG 00 01 12 04 or its equivalent with minimum limits of one million dollars (\$1,000,000.00) per occurrence and two million dollars (\$2,000,000.00) in the aggregate for each policy period.
- C. Business auto liability insurance written under ISO Form CG 00 01 10 01 or equivalent providing coverage for any "Auto" (Symbol 1) used in an amount not less than a one million dollar (\$1,000,000.00) combined single limit for each occurrence.

Excepting the Worker's Compensation Insurance and any Professional Liability Insurance, the STATE and AGENCY, their officers, employees, and agents will be named on all policies of CONSULTANT and any sub-consultant and/or subcontractor as an additional insured (the "AIs"), with no restrictions or limitations concerning products and completed operations coverage. This coverage shall be primary coverage and non-contributory and any coverage maintained by the AIs shall be excess over, and shall not contribute with, the additional insured coverage required hereunder. The CONSULTANT's and the sub-consultant's and/or subcontractor's insurer shall waive any and all rights of subrogation against the AIs. The CONSULTANT shall furnish the AGENCY with verification of insurance and endorsements required by this AGREEMENT. The AGENCY reserves the right to require complete, certified copies of all required insurance policies at any time.

All insurance shall be obtained from an insurance company authorized to do business in the State of Washington. The CONSULTANT shall submit a verification of insurance as outlined above within fourteen (14) days of the execution of this AGREEMENT to:

Name: Anna Vogel  
Agency: City of Vancouver  
Address: PO Box 1995  
City: Vancouver State: WA Zip: 98668  
Email: anna.vogel@cityofvancouver.us  
Phone: 360-487-8429  
Facsimile:

No cancellation of the foregoing policies shall be effective without thirty (30) days prior notice to the AGENCY.

The CONSULTANT's professional liability to the AGENCY, including that which may arise in reference to section IX "Termination of Agreement" of this AGREEMENT, shall be limited to the accumulative amount of the authorized AGREEMENT or one million dollars (\$1,000,000.00), whichever is greater, unless the limit of liability is increased by the AGENCY pursuant to Exhibit H. In no case shall the CONSULTANT's professional liability to third parties be limited in any way.

The parties enter into this AGREEMENT for the sole benefit of the parties, and to the exclusion of any third part, and no third party beneficiary is intended or created by the execution of this AGREEMENT.

The AGENCY will pay no progress payments under section V "Payment Provisions" until the CONSULTANT has fully complied with this section. This remedy is not exclusive; and the AGENCY may take such other action as is available to it under other provisions of this AGREEMENT, or otherwise in law.

### **XIII. Extra Work**

- A. The AGENCY may at any time, by written order, make changes within the general scope of this AGREEMENT in the SERVICES to be performed.
- B. If any such change causes an increase or decrease in the estimated cost of, or the time required for, performance of any part of the SERVICES under this AGREEMENT, whether or not changed by the order, or otherwise affects any other terms and conditions of this AGREEMENT, the AGENCY shall make an equitable adjustment in the: (1) maximum amount payable; (2) delivery or completion schedule, or both; and (3) other affected terms and shall modify this AGREEMENT accordingly.
- C. The CONSULTANT must submit any “request for equitable adjustment,” hereafter referred to as “CLAIM,” under this clause within thirty (30) days from the date of receipt of the written order. However, if the AGENCY decides that the facts justify it, the AGENCY may receive and act upon a CLAIM submitted before final payment of this AGREEMENT.
- D. Failure to agree to any adjustment shall be a dispute under the section XI “Disputes” clause. However, nothing in this clause shall excuse the CONSULTANT from proceeding with the AGREEMENT as changed.
- E. Notwithstanding the terms and conditions of paragraphs (A.) and (B.) above, the maximum amount payable for this AGREEMENT, shall not be increased or considered to be increased except by specific written supplement to this AGREEMENT.

### **XIV. Endorsement of Plans**

If applicable, the CONSULTANT shall place their endorsement on all plans, estimates, or any other engineering data furnished by them.

### **XV. Federal Review**

The Federal Highway Administration shall have the right to participate in the review or examination of the SERVICES in progress.

### **XVI. Certification of the Consultant and the Agency**

Attached hereto as Exhibit “G-1(a and b)” are the Certifications of the CONSULTANT and the AGENCY, Exhibit “G-2” Certification Regarding Debarment, Suspension and Other Responsibility Matters - Primary Covered Transactions, Exhibit “G-3” Certification Regarding the Restrictions of the Use of Federal Funds for Lobbying and Exhibit “G-4” Certificate of Current Cost or Pricing Data. Exhibit “G-3” is required only in AGREEMENT’s over one hundred thousand dollars (\$100,000.00) and Exhibit “G-4” is required only in AGREEMENT’s over five hundred thousand dollars (\$500,000.00.) These Exhibits must be executed by the CONSULTANT, and submitted with the master AGREEMENT, and returned to the AGENCY at the address listed in section III “General Requirements” prior to its performance of any SERVICES under this AGREEMENT.

### **XVII. Complete Agreement**

This document and referenced attachments contain all covenants, stipulations, and provisions agreed upon by the parties. No agent, or representative of either party has authority to make, and the parties shall not be bound by or be liable for, any statement, representation, promise or agreement not set forth herein. No changes, amendments, or modifications of the terms hereof shall be valid unless reduced to writing and signed by the parties as a supplement to this AGREEMENT.

### **XVIII. Execution and Acceptance**

This AGREEMENT may be simultaneously executed in several counterparts, each of which shall be deemed to be an original having identical legal effect. The CONSULTANT does hereby ratify and adopt all statements, representations, warranties, covenants, and AGREEMENT’s contained in the proposal, and the supporting material submitted by the CONSULTANT, and does hereby accept this AGREEMENT and agrees to all of the terms and conditions thereof.



## **XIX. Protection of Confidential Information**

The CONSULTANT acknowledges that some of the material and information that may come into its possession or knowledge in connection with this AGREEMENT or its performance may consist of information that is exempt from disclosure to the public or other unauthorized persons under either chapter 42.56 RCW or other local, state, or federal statutes ("State's Confidential Information"). The "State's Confidential Information" includes, but is not limited to, names, addresses, Social Security numbers, e-mail addresses, telephone numbers, financial profiles credit card information, driver's license numbers, medical data, law enforcement records (or any other information identifiable to an individual), STATE and AGENCY source code or object code, STATE and AGENCY security data, non-public Specifications, STATE and AGENCY non-publicly available data, proprietary software, STATE and AGENCY security data, or information which may jeopardize any part of the project that relates to any of these types of information. The CONSULTANT agrees to hold the State's Confidential Information in strictest confidence and not to make use of the State's Confidential Information for any purpose other than the performance of this AGREEMENT, to release it only to authorized employees, sub-consultants or subcontractors requiring such information for the purposes of carrying out this AGREEMENT, and not to release, divulge, publish, transfer, sell, disclose, or otherwise make it known to any other party without the AGENCY's express written consent or as provided by law. The CONSULTANT agrees to release such information or material only to employees, sub-consultants or subcontractors who have signed a nondisclosure AGREEMENT, the terms of which have been previously approved by the AGENCY. The CONSULTANT agrees to implement physical, electronic, and managerial safeguards to prevent unauthorized access to the State's Confidential Information.

Immediately upon expiration or termination of this AGREEMENT, the CONSULTANT shall, at the AGENCY's option: (i) certify to the AGENCY that the CONSULTANT has destroyed all of the State's Confidential Information; or (ii) returned all of the State's Confidential Information to the AGENCY; or (iii) take whatever other steps the AGENCY requires of the CONSULTANT to protect the State's Confidential Information.

As required under Executive Order 00-03, the CONSULTANT shall maintain a log documenting the following: the State's Confidential Information received in the performance of this AGREEMENT; the purpose(s) for which the State's Confidential Information was received; who received, maintained, and used the State's Confidential Information; and the final disposition of the State's Confidential Information. The CONSULTANT's records shall be subject to inspection, review, or audit upon reasonable notice from the AGENCY.

The AGENCY reserves the right to monitor, audit, or investigate the use of the State's Confidential Information collected, used, or acquired by the CONSULTANT through this AGREEMENT. The monitoring, auditing, or investigating may include, but is not limited to, salting databases.

Violation of this section by the CONSULTANT or its sub-consultants or subcontractors may result in termination of this AGREEMENT and demand for return of all State's Confidential Information, monetary damages, or penalties

It is understood and acknowledged that the CONSULTANT may provide the AGENCY with information, which is proprietary and/or confidential during the term of this AGREEMENT. The parties agree to maintain the confidentiality of such information during the term of this AGREEMENT and afterwards. All materials containing such proprietary and/or confidential information shall be clearly identified and marked as "Confidential" and shall be returned to the disclosing party at the conclusion of the SERVICES under this AGREEMENT.

The CONSULTANT shall provide the AGENCY with a list of all information and materials it considers confidential and/or proprietary in nature: (a) at the commencement of the term of this AGREEMENT, or (b) as soon as such confidential or proprietary material is developed. "Proprietary and/or confidential information" is not meant to include any information which, at the time of its disclosure: (i) is already known to the other party; (ii) is rightfully disclosed to one of the parties by a third party that is not acting as an agent or representative for the other party; (iii) is independently developed by or for the other party; (iv) is publicly known; or (v) is generally utilized by unaffiliated third parties engaged in the same business or businesses as the CONSULTANT.

The parties also acknowledge that the AGENCY is subject to Washington State and federal public disclosure laws. As such, the AGENCY shall maintain the confidentiality of all such information marked proprietary and or confidential or otherwise exempt, unless such disclosure is required under applicable state or federal law. If a public disclosure request is made to view materials identified as "Proprietary and/or confidential information" or otherwise exempt information, the AGENCY will notify the CONSULTANT of the request and of the date that such records will be released to the requester unless the CONSULTANT obtains a court order from a court of competent jurisdiction enjoining that disclosure. If the CONSULTANT fails to obtain the court order enjoining disclosure, the AGENCY will release the requested information on the date specified.

The CONSULTANT agrees to notify the sub-consultant of any AGENCY communication regarding disclosure that may include a sub-consultant's proprietary and/or confidential information. The CONSULTANT notification to the sub-consultant will include the date that such records will be released by the AGENCY to the requester and state that unless the sub-consultant obtains a court order from a court of competent jurisdiction enjoining that disclosure the AGENCY will release the requested information. If the CONSULTANT and/or sub-consultant fail to obtain a court order or other judicial relief enjoining the AGENCY by the release date, the CONSULTANT shall waive and release and shall hold harmless and indemnify the AGENCY from all claims of actual or alleged damages, liabilities, or costs associated with the AGENCY's said disclosure of sub-consultants' information.

## **XX. Records Maintenance**

During the progress of the Work and SERVICES provided hereunder and for a period of not less than six (6) years from the date of final payment to the CONSULTANT, the CONSULTANT shall keep, retain, and maintain all "documents" pertaining to the SERVICES provided pursuant to this AGREEMENT. Copies of all "documents" pertaining to the SERVICES provided hereunder shall be made available for review at the CONSULTANT's place of business during normal working hours. If any litigation, claim, or audit is commenced, the CONSULTANT shall cooperate with AGENCY and assist in the production of all such documents. "Documents" shall be retained until all litigation, claims or audit findings have been resolved even though such litigation, claim, or audit continues past the six (6) year retention period.

For purposes of this AGREEMENT, "documents" means every writing or record of every type and description, including electronically stored information ("ESI"), that is in the possession, control, or custody of the CONSULTANT, including, without limitation, any and all correspondences, contracts, AGREEMENTs, appraisals, plans, designs, data, surveys, maps, spreadsheets, memoranda, stenographic or handwritten notes, reports, records, telegrams, schedules, diaries, notebooks, logbooks, invoices, accounting records, work sheets, charts, notes, drafts, scribbles, recordings, visual displays, photographs, minutes of meetings, tabulations, computations, summaries, inventories, and writings regarding conferences, conversations or telephone conversations, and any and all other taped, recorded, written, printed or typed matters of any kind or description; every copy of the foregoing whether or not the original is in the possession, custody, or control of the CONSULTANT, and every copy of any of the foregoing, whether or not such copy is a copy identical to an original, or whether or not such copy contains any commentary or notation whatsoever that does not appear on the original.

For purposes of this AGREEMENT, “ESI” means any and all computer data or electronic recorded media of any kind, including “Native Files”, that are stored in any medium from which it can be retrieved and examined, either directly or after translation into a reasonably useable form. ESI may include information and/or documentation stored in various software programs such as Email, Outlook, Word, Excel, Access, Publisher, PowerPoint, Adobe Acrobat, SQL databases, or any other software or electronic communication programs or databases that the CONSULTANT may use in the performance of its operations. ESI may be located on network servers, backup tapes, smart phones, thumb drives, CDs, DVDs, floppy disks, work computers, cell phones, laptops, or any other electronic device that CONSULTANT uses in the performance of its Work or SERVICES hereunder, including any personal devices used by the CONSULTANT or any sub-consultant at home.

“Native files” are a subset of ESI and refer to the electronic format of the application in which such ESI is normally created, viewed, and /or modified

The CONSULTANT shall include this section XX “Records Maintenance” in every subcontract it enters into in relation to this AGREEMENT and bind the sub-consultant to its terms, unless expressly agreed to otherwise in writing by the AGENCY prior to the execution of such subcontract.

In witness whereof, the parties hereto have executed this AGREEMENT as of the day and year shown in the “Execution Date” box on page one (1) of this AGREEMENT.

**CITY OF VANCOUVER**  
A municipal corporation

**CONTRACTOR:**  
Minister and Glaeser Surveying Inc

---

Eric Holmes, City Manager

---

Signature

---

Date

---

Printed Name /Title

Attest:

---

Date

---

Natasha Ramras, City Clerk

Approved as to form:

---

Jonathan Young, City Attorney

# ***Exhibit A Scope of Work***

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Project No. N/A

The Consultant is to provide on-call surveying services per Request for Qualifications #23-22 (RFQ) and respondent's response to said RFQ on file in the City of Vancouver Procurement Services and by reference hereto made a part of this agreement.

## ***Exhibit B***

### ***DBE Participation Plan***

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In the absents of a mandatory DBE goal, a voluntary SBE goal amount of ten percent of the Consultant Agreement is established. The Consultant shall develop a SBE Participation Plan prior to commencing work. Although the goal is voluntary, the outreach efforts to provide SBE maximum practicable opportunities are not.

N/A

# ***Exhibit C***

## ***Preparation and Delivery of Electronic Engineering and Other Data***

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In this Exhibit the agency, as applicable, is to provide a description of the format and standards the consultant is to use in preparing electronic files for transmission to the agency. The format and standards to be provided may include, but are not limited to, the following:

### **I. Surveying, Roadway Design & Plans Preparation Section**

#### **A. Survey Data**

TBD

#### **B. Roadway Design Files**

TBD

#### **C. Computer Aided Drafting Files**

TBD

D. Specify the Agency's Right to Review Product with the Consultant

TBD

E. Specify the Electronic Deliverables to Be Provided to the Agency

TBD

F. Specify What Agency Furnished Services and Information Is to Be Provided

TBD



II. Any Other Electronic Files to Be Provided

TBD

III. Methods to Electronically Exchange Data

TBD

A. Agency Software Suite

TBD

B. Electronic Messaging System

TBD

C. File Transfers Format

TBD

***Exhibit D***  
***Prime Consultant Cost Computations***

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See attached



**Washington State  
Department of Transportation**

**Development Division**  
Contract Services Office  
PO Box 47408  
Olympia, WA 98504-7408  
7345 Linderson Way SW  
Tumwater, WA 98501-6504

TTY: 1-800-833-6388  
[www.wsdot.wa.gov](http://www.wsdot.wa.gov)

April 19, 2022

Minister Glaeser Surveying, Inc.  
2200 E Evergreen Blvd  
Vancouver, WA 98661

Subject: Acceptance FYE 2021 ICR – Risk Assessment Review

Dear Dan Renton:

Based on Washington State Department of Transportation's (WSDOT) Risk Assessment review of your Indirect Cost Rate (ICR), we have accepted your proposed FYE 2021 ICR of 142.30%. This rate will be applicable to Local Agency Contracts in Washington only. This rate may be subject to additional review if considered necessary by WSDOT. Your ICR must be updated on an annual basis.

Costs billed to agreements/contracts will still be subject to audit of actual costs, based on the terms and conditions of the respective agreement/contract.

This was not a cognizant review. Any other entity contracting with your firm is responsible for determining the acceptability of the ICR.

If you have any questions, feel free to contact our office at **(360) 705-7019** or via email [consultantrates@wsdot.wa.gov](mailto:consultantrates@wsdot.wa.gov).

Regards;

A handwritten signature in blue ink that reads "Erik K. Jonson".

ERIK K. JONSON  
Contract Services Manager

EKJ:ah

CITY OF VANCOUVER 2022 BILLING RATES  
 FOR MINISTER AND GLAESER SURVEYING, INC  
 03/01/22

| <u>JOB CLASSIFICATION</u>       | <u>DIRECT LABOR RATES</u> | <u>OVER HEAD 142.30%</u> | <u>FIXED FEE 23.75%</u> | <u>BILLING RATE</u> |
|---------------------------------|---------------------------|--------------------------|-------------------------|---------------------|
| PRINCIPAL SURVEYOR              | \$45.00                   | \$64.04                  | \$10.69                 | \$119.72            |
| PROFESSIONAL LICENSED SURVEYORS | \$40.00                   | \$56.92                  | \$9.50                  | \$106.42            |
| SURVEY TECHNICIAN               | \$35.00                   | \$49.81                  | \$8.31                  | \$93.12             |
| CADD TECHNICIAN                 | \$30.00                   | \$42.69                  | \$7.13                  | \$79.82             |
| ONE PERSON FIELD CREW           | \$35.00                   | \$49.81                  | \$8.31                  | \$93.12             |
| TWO PERSON FIELD CREW           | \$65.00                   | \$92.50                  | \$15.44                 | \$172.93            |
| THREE PERSON FIELD CREW         | \$90.00                   | \$128.07                 | \$21.38                 | \$239.45            |
| ADMINISTRATION                  | \$25.00                   | \$35.58                  | \$5.94                  | \$66.51             |

## ***Exhibit E***

### ***Sub-consultant Cost Computations***

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If no sub-consultant participation listed at this time. The CONSULTANT shall not sub-contract for the performance of any work under this AGREEMENT without prior written permission of the AGENCY. Refer to section VI "Sub-Contracting" of this AGREEMENT.

N/A

# **Exhibit F - Title VI Assurances Appendix A & E**

## **APPENDIX A**

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

1. **Compliance with Regulations:** The contractor (hereinafter includes consultants) will comply with the Acts and the Regulations relative to Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, *(Title of Modal Operating Administration)*, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
2. **Non-discrimination:** The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.  
*[Include Modal Operating Administration specific program requirements.]*
3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor's obligations under this contract and the Acts and the Regulations relative to Non-discrimination on the grounds of race, color, or national origin. *[Include Modal Operating Administration specific program requirements.]*
4. **Information and Reports:** The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the *(Title of Modal Operating Administration)* to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the Recipient or the *(Title of Modal Operating Administration)*, as appropriate, and will set forth what efforts it has made to obtain the information.
5. **Sanctions for Noncompliance:** In the event of a contractor's noncompliance with the Non- discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the *(Title of Modal Operating Administration)* may determine to be appropriate, including, but not limited to:
  - a. withholding payments to the contractor under the contract until the contractor complies; and/or
  - b. cancelling, terminating, or suspending a contract, in whole or in part.
6. **Incorporation of Provisions:** The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement as the Recipient or the *(Title of Modal Operating Administration)* may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

# ***Exhibit F - Title VI Assurances Appendix A & E***

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## **APPENDIX E**

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

### **Pertinent Non-Discrimination Authorities:**

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).



## ***Exhibit G***

### ***Certification Document***

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- Exhibit G-1(a) Certification of Consultant
- Exhibit G-1(b) Certification of \_\_\_\_\_
- Exhibit G-2 Certification Regarding Debarment, Suspension and Other Responsibility Matters - Primary Covered Transactions
- Exhibit G-3 Certification Regarding the Restrictions of the Use of Federal Funds for Lobbying
- Exhibit G-4 Certificate of Current Cost or Pricing Data

## Exhibit G-1(a) Certification of Consultant

I hereby certify that I am the and duly authorized representative of the firm of  
**Minister & Glaeser Surveying, Inc**

---

whose address is

**2200 E Evergreen Blvd, Vancouver, WA 98661**

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and that neither the above firm nor I have

- a) Employed or retained for a commission, percentage, brokerage, contingent fee, or other consideration, any firm or person (other than a bona fide employee working solely for me or the above CONSULTANT) to solicit or secure this AGREEMENT;
- b) Agreed, as an express or implied condition for obtaining this contract, to employ or retain the services of any firm or person in connection with carrying out this AGREEMENT; or
- c) Paid, or agreed to pay, to any firm, organization or person (other than a bona fide employee working solely for me or the above CONSULTANT) any fee, contribution, donation, or consideration of any kind for, or in connection with, procuring or carrying out this AGREEMENT; except as hereby expressly stated (if any);

I acknowledge that this certificate is to be furnished to the **City of Vancouver**

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and the Federal Highway Administration, U.S. Department of Transportation in connection with this AGREEMENT involving participation of Federal-aid highway funds, and is subject to applicable State and Federal laws, both criminal and civil.

**Minister & Glaeser Surveying, Inc**

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Consultant (Firm Name)

\_\_\_\_\_  
Signature (Authorized Official of Consultant)

\_\_\_\_\_  
Date

**Exhibit G-1(b) Certification of** Agency Official

I hereby certify that I am the:

☒ Agency Official of the Local Agency

☐ Other

of the City of Vancouver, and Minister & Glaeser Surveying, Inc

or its representative has not been required, directly or indirectly as an express or implied condition in connection with obtaining or carrying out this AGREEMENT to:

- a) Employ or retain, or agree to employ to retain, any firm or person; o
- b) Pay, or agree to pay, to any firm, person, or organization, any fee, contribution, donation, or consideration of any kind; except as hereby expressly stated (if any):

I acknowledge that this certificate is to be furnished to the \_\_\_\_\_  
and the Federal Highway Administration, U.S. Department of Transportation, in connection with this AGREEMENT involving participation of Federal-aid highway funds, and is subject to applicable State and Federal laws, both criminal and civil.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

## Exhibit G-2 Certification Regarding Debarment Suspension and Other Responsibility Matters - Primary Covered Transactions

- I. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
  - A. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
  - B. Have not within a three (3) year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State anti-trust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - C. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
  - D. Have not within a three (3) year period preceding this application / proposal had one or more public transactions (Federal, State and local) terminated for cause or default.
- II. Where the prospective primary participant is unable to certify to any of the statements in this certification such prospective participant shall attach an explanation to this proposal.

### Minister & Glaeser Surveying Inc

Consultant (Firm Name)

Signature (Authorized Official of Consultant)

Date

**Exhibit G-3 Certification Regarding the Restrictions of the Use of Federal Funds for Lobbying**

The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

- 1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or any employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative AGREEMENT, and the extension, continuation, renewal, amendment, or modification of Federal contract, grant, loan or cooperative AGREEMENT.
- 2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan or cooperative AGREEMENT, the undersigned shall complete and submit Standard Form - LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the require certification shall be subject to a civil penalty of not less than \$10,000.00, and not more than \$100,000.00 for each such failure.

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier sub-contracts, which exceed \$100,000 and that all such sub-recipients shall certify and disclose accordingly.

**Minister & Glaeser Surveying, Inc**

Consultant (Firm Name)

Signature (Authorized Official of Consultant)

Date

Exhibit G-4 Certification of Current Cost or Pricing Data

This is to certify that, to the best of my knowledge and belief, the cost or pricing data (as defined in section of the Federal Acquisition Regulation (FAR) and required under FAR subsection 15.403-4) submitted, either actually or by specific identification in writing, to the Contracting Officer or to the Contracting Officer’s representative in support of on-call surveying services \* are accurate, complete, and current as of June 1, 2022 \*\*.

This certification includes the cost or pricing data supporting any advance AGREEMENT’s and forward pricing rate AGREEMENT’s between the offer or and the Government that are part of the proposal.

Firm: Minister & Glaeser Surveying, Inc

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

Date of Execution \_\_\_\_\_\*\*\*.

\_\_\_\_\_  
\*Identify the proposal, quotation, request for pricing adjustment, or other submission involved, giving the appropriate identifying number (e.g. project title.)  
\*\*Insert the day, month, and year, when price negotiations were concluded and price AGREEMENT was reached.  
\*\*\*Insert the day, month, and year, of signing, which should be as close as practicable to the date when the price negotiations were concluded and the contract price was agreed to.

# **Exhibit H**

## **Liability Insurance Increase**

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### **To Be Used Only If Insurance Requirements Are Increased**

The professional liability limit of the CONSULTANT to the AGENCY identified in Section XII, Legal Relations and Insurance of this Agreement is amended to \$ 1,000,000 .

The CONSULTANT shall provide Professional Liability insurance with minimum per occurrence limits in the amount of \$ 1,000,000 .

Such insurance coverage shall be evidenced by one of the following methods:

- Certificate of Insurance
- Self-insurance through an irrevocable Letter of Credit from a qualified financial institution

Self-insurance through documentation of a separate fund established exclusively for the payment of professional liability claims, including claim amounts already reserved against the fund, safeguards established for payment from the fund, a copy of the latest annual financial statements, and disclosure of the investment portfolio for those funds.

Should the minimum Professional Liability insurance limit required by the AGENCY as specified above exceed \$1 million per occurrence or the value of the contract, whichever is greater, then justification shall be submitted to the Federal Highway Administration (FHWA) for approval to increase the minimum insurance limit.

If FHWA approval is obtained, the AGENCY may, at its own cost, reimburse the CONSULTANT for the additional professional liability insurance required.

Notes: Cost of added insurance requirements: \$ \_\_\_\_\_.

- Include all costs, fee increase, premiums.
  - This cost shall not be billed against an FHWA funded project.
  - For final contracts, include this exhibit
-

# **Exhibit I**

## ***Alleged Consultant Design Error Procedures***

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The purpose of this exhibit is to establish a procedure to determine if a consultant has alleged design error is of a nature that exceeds the accepted standard of care. In addition, it will establish a uniform method for the resolution and/or cost recovery procedures in those instances where the agency believes it has suffered some material damage due to the alleged error by the consultant.

### **Step 1 Potential Consultant Design Error(s) is Identified by Agency's Project Manager**

At the first indication of potential consultant design error(s), the first step in the process is for the Agency's project manager to notify the Director of Public Works or Agency Engineer regarding the potential design error(s). For federally funded projects, the Region Local Programs Engineer should be informed and involved in these procedures. (Note: The Director of Public Works or Agency Engineer may appoint an agency staff person other than the project manager, who has not been as directly involved in the project, to be responsible for the remaining steps in these procedures.)

### **Step 2 Project Manager Documents the Alleged Consultant Design Error(s)**

After discussion of the alleged design error(s) and the magnitude of the alleged error(s), and with the Director of Public Works or Agency Engineer's concurrence, the project manager obtains more detailed documentation than is normally required on the project. Examples include all decisions and descriptions of work, photographs, records of labor, materials, and equipment.

### **Step 3 Contact the Consultant Regarding the Alleged Design Error(s)**

If it is determined that there is a need to proceed further, the next step in the process is for the project manager to contact the consultant regarding the alleged design error(s) and the magnitude of the alleged error(s). The project manager and other appropriate agency staff should represent the agency and the consultant should be represented by their project manager and any personnel (including sub-consultants) deemed appropriate for the alleged design error(s) issue.

### **Step 4 Attempt to Resolve Alleged Design Error with Consultant**

After the meeting(s) with the consultant have been completed regarding the consultant's alleged design error(s), there are three possible scenarios:

- It is determined via mutual agreement that there is not a consultant design error(s). If this is the case, then the process will not proceed beyond this point.
- It is determined via mutual agreement that a consultant design error(s) occurred. If this is the case, then the Director of Public Works or Agency Engineer, or their representatives, negotiate a settlement with the consultant. The settlement would be paid to the agency or the amount would be reduced from the consultant's agreement with the agency for the services on the project in which the design error took place. The agency is to provide LP, through the Region Local Programs Engineer, a summary of the settlement for review and to make adjustments, if any, as to how the settlement affects federal reimbursements. No further action is required.
- There is not a mutual agreement regarding the alleged consultant design error(s). The consultant may request that the alleged design error(s) issue be forwarded to the Director of Public Works or Agency Engineer for review. If the Director of Public Works or Agency Engineer, after review with their legal counsel, is not able to reach mutual agreement with the consultant, proceed to Step 5.



## **Step 5 Forward Documents to Local Programs**

For federally funded projects, all available information, including costs, should be forwarded through the Region Local Programs Engineer to LP for their review and consultation with the FHWA. LP will meet with representatives of the agency and the consultant to review the alleged design error(s), and attempt to find a resolution to the issue. If necessary, LP will request assistance from the Attorney General's Office for legal interpretation. LP will also identify how the alleged error(s) affects eligibility of project costs for federal reimbursement.

- If mutual agreement is reached, the agency and consultant adjust the scope of work and costs to reflect the agreed upon resolution. LP, in consultation with FHWA, will identify the amount of federal participation in the agreed upon resolution of the issue.
- If mutual agreement is not reached, the agency and consultant may seek settlement by arbitration or by litigation.

# **Exhibit J**

## **Consultant Claim Procedures**

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The purpose of this exhibit is to describe a procedure regarding claim(s) on a consultant agreement. The following procedures should only be utilized on consultant claims greater than \$1,000. If the consultant's claim(s) total a \$1,000 or less, it would not be cost effective to proceed through the outlined steps. It is suggested that the Director of Public Works or Agency Engineer negotiate a fair and reasonable price for the consultant's claim(s) that total \$1,000 or less.

This exhibit will outline the procedures to be followed by the consultant and the agency to consider a potential claim by the consultant.

### **Step 1 Consultant Files a Claim with the Agency Project Manager**

If the consultant determines that they were requested to perform additional services that were outside of the agreement's scope of work, they may be entitled to a claim. The first step that must be completed is the request for consideration of the claim to the Agency's project manager.

The consultant's claim must outline the following:

- Summation of hours by classification for each firm that is included in the claim
- Any correspondence that directed the consultant to perform the additional work;
- Timeframe of the additional work that was outside of the project scope;
- Summary of direct labor dollars, overhead costs, profit and reimbursable costs associated with the additional work; and
- Explanation as to why the consultant believes the additional work was outside of the agreement scope of work.

### **Step 2 Review by Agency Personnel Regarding the Consultant's Claim for Additional Compensation**

After the consultant has completed step 1, the next step in the process is to forward the request to the Agency's project manager. The project manager will review the consultant's claim and will meet with the Director of Public Works or Agency Engineer to determine if the Agency agrees with the claim. If the FHWA is participating in the project's funding, forward a copy of the consultant's claim and the Agency's recommendation for federal participation in the claim to the WSDOT Local Programs through the Region Local Programs Engineer. If the claim is not eligible for federal participation, payment will need to be from agency funds.

If the Agency project manager, Director of Public Works or Agency Engineer, WSDOT Local Programs (if applicable), and FHWA (if applicable) agree with the consultant's claim, send a request memo, including backup documentation to the consultant to either supplement the agreement, or create a new agreement for the claim. After the request has been approved, the Agency shall write the supplement and/or new agreement and pay the consultant the amount of the claim. Inform the consultant that the final payment for the agreement is subject to audit. No further action is needed regarding the claim procedures.

If the Agency does not agree with the consultant's claim, proceed to step 3 of the procedures.

### **Step 3 Preparation of Support Documentation Regarding Consultant's Claim(s)**

If the Agency does not agree with the consultant's claim, the project manager shall prepare a summary for the Director of Public Works or Agency Engineer that included the following:

- Copy of information supplied by the consultant regarding the claim;
- Agency's summation of hours by classification for each firm that should be included in the claim
- Any correspondence that directed the consultant to perform the additional work;
- Agency's summary of direct labor dollars, overhead costs, profit and reimbursable costs associate with the additional work;
- Explanation regarding those areas in which the Agency does/does not agree with the consultant's claim(s);
- Explanation to describe what has been instituted to preclude future consultant claim(s); and
- Recommendations to resolve the claim.

### **Step 4 Director of Public Works or Agency Engineer Reviews Consultant Claim and Agency Documentation**

The Director of Public Works or Agency Engineer shall review and administratively approve or disapprove the claim, or portions thereof, which may include getting Agency Council or Commission approval (as appropriate to agency dispute resolution procedures). If the project involves federal participation, obtain concurrence from WSDOT Local Programs and FHWA regarding final settlement of the claim. If the claim is not eligible for federal participation, payment will need to be from agency funds.

### **Step 5 Informing Consultant of Decision Regarding the Claim**

The Director of Public Works or Agency Engineer shall notify (in writing) the consultant of their final decision regarding the consultant's claim(s). Include the final dollar amount of the accepted claim(s) and rationale utilized for the decision.

### **Step 6 Preparation of Supplement or New Agreement for the Consultant's Claim(s)**

The agency shall write the supplement and/or new agreement and pay the consultant the amount of the claim. Inform the consultant that the final payment for the agreement is subject to audit



**Staff Report: 080-22**

**TO:** Mayor and City Council

**FROM:** Eric Holmes, City Manager

**DATE:** 6/27/2022

**SUBJECT** Federal government relations contract with CFM Advocates

**Key Points**

- The City has completed the solicitation RFP 27-22 and have selected CFM Advocates as the most qualified firm for this service.
- The City has contracted with CFM Advocates (CFM) for federal government relations since 2008.
- CFM has provided excellent service, is familiar with the City's issues, and has been proactive in promoting the City's interests.
- The Council is being asked to approve a new five-year contract with CFM.

**Strategic Plan Alignment**

The City's success in achieving many of the goals and objectives of the Strategic Plan is aided through identifying and pursuing opportunities for federal funding or advocating for certain federal policies. This contract with CFM supports that work.

**Present Situation**

In 2008, the City determined that based on the increasing complexity of Vancouver's federal legislative agenda, professional government relations services in Washington, D.C. were required. Through a Request for Proposal process, the City selected Conkling, Fiskum & McCormick (now CFM Advocates), an Oregon-based firm with offices in Vancouver WA and Washington DC, to provide federal legislative services.

As the current contract is set to expire on June 30, 2022, Staff completed a solicitation for this service, RFP 27-22, and received two proposals. CFM Advocates once again proved to be the best firm for the service.

CFM has a very successful track record of assisting in advancing the City's legislative initiatives and securing federal funding. Based on the firm's familiarity with the City's issues and the quality of the services they have provided, it is recommended that the City Council approve a new five-year

agreement with CFM for federal government.

**Advantage(s)**

The contract continues a relationship with a firm that has a demonstrated track record of assisting the City in achieving its federal legislative goals including securing federal funding.

**Disadvantage(s)**

None

**Budget Impact**

The contract is for \$96,025 per year and funding is included in the 2021-2022 Biennial Budget. Recognizing there would be additional expenses for the drafting of grant narratives, the total for the five-year contract is not to exceed \$600,000 to allow for potential assistance in drafting grant narratives. Funding for the federal government relations contract will be included in future biennial budgets.

**Prior Council Review**

Council workshop – December 6, 2021 – with CFM to provide a review of 2021 federal actions and preview the City's 2022 federal legislative agenda.

**Action Requested**

On June 27, 2022, authorize the City Manager or designee to sign a professional services agreement with CFM Advocates for federal government relations services from July 1, 2022 through June 30, 2027.

*Aaron Lande, Program and Policy Development Manager, 360-487-8612*

**ATTACHMENTS:**

- ▢ Professional Service Agreement



**CITY OF VANCOUVER  
FEDERAL LOBBYING SERVICES  
No. C-100940**

This Services Agreement (hereinafter referred to as the “Agreement”) is entered into by and between the City of Vancouver, Washington, a municipal corporation organized under the laws of the State of Washington, (hereinafter referred to as the "City") and CFM Advocates (hereinafter referred to as the "Contractor"). The City and Contractor may be collectively referred to herein as the “parties” or individually as a “party”.

WHEREAS, the City desires to engage the Contractor to perform services as described in this Agreement; and

WHEREAS, the City advertised and issued a Request for Proposal, numbered 27-22 (hereinafter referred to as the “solicitation”) and after evaluation of the Contractor’s responsive proposal, found the Contractor be capable of performing the required services; and

WHEREAS, the Contractor represents by entering into this Agreement that it is fully qualified to perform the services described herein in a competent and professional manner, and to the full satisfaction of the City.

NOW, THEREFORE, in consideration of the terms, conditions, covenants, and performance contained herein, or attached and incorporated and made a part hereof, the parties hereto agree as follows:

- 1. SCOPE OF WORK:** The Contractor agrees to provide the City all services and materials set forth below and as further described in the City’s solicitation, and the Contractor’s responsive proposal to the City’s solicitation, (collectively referred to herein as the “work”) which are each incorporated herein by this reference, and made a part of this Agreement as if fully set forth herein.

Contractor to provide consulting services to assist the City with its federal legislative agenda. Contractor to work with the City to develop federal legislative agendas and work with legislators, agency and department staff to advance the City’s legislative interests in Washington, DC.

Anticipated work includes but is not limited to:

- General education and insight on the administration and congressional budgets and potential impacts on the City of Vancouver.
- Ongoing verbal and written communications regarding current and emerging federal issues.
- Assisting the City in securing federal funding for a variety of City priority projects.
- Regular meetings with City staff on specific issues to review, analyze and develop strategies.
- Assist the City with creating effective, consistent, and coordinated communications with the federal delegation.
- Research and provide information on federal grant opportunities
- Provide information on delegation members' priorities and committee assignments.
- Keeping the City current on delegation staff and issue areas.

All work must be authorized and approved by the City's Project Manager before any work can begin. The Contractor shall approach each project in a manner consistent with its usual customary business practices. The Contractor shall actively seek collaborative input from City staff.

2. **COMPENSATION:** Payment to the Contractor for the work described in this Agreement shall not exceed \$600,000.00 USD.

This payment shall be maximum compensation for the work and for all labor, materials, supplies, equipment and incidentals necessary to complete the work as set forth herein, and it shall not be exceeded without the City's prior written authorization in the form of a negotiated and executed amendment.

3. **PAYMENT FOR CONTRACTOR SERVICES:** The Contractor shall submit monthly invoices to City covering both professional fees and project expenses, if any, for fees and expenses from the previous month. Payments to Contractor shall be net thirty (30) days.

The City reserves the right to correct any invoices paid in error. The Contractor shall be paid according to the rates set forth below in Attachment "A", incorporated herein by this reference, and made a part of this Agreement as if fully set forth herein.

City and Contractor agree that any amount paid in error by City does not constitute a rate change in the amount of the contract. The City's contract/purchase order (PO) number given on the notice to proceed must be referenced on any invoice submitted for payment.

4. **TERM OF AGREEMENT:** The term of this Agreement shall commence on July 1, 2022 and continue until June 30, 2027. Unless directed otherwise by the City, Contractor shall perform the work in accordance with any schedules made a part of this Agreement.
5. **ORDER OF PRECEDENCE:** Where there is a conflict among or between any of these documents, the controlling documents shall be the first listed in the following sequence: Amendments to this Agreement; this Agreement; Contract Purchase Orders; the Contractor's responsive proposal to the City's solicitation, and the City's solicitation.
6. **RELATION OF PARTIES:** The Contractor, and its subcontractors, agents, employees, or other vendors contracted by the Contractor to provide services or other work for the purpose of meeting the Contractor's obligations under this agreement (collectively referred to as "subcontractors"), are independent contractors performing professional services for the City and are not employees of the City. The Contractor and its subcontractors shall not, as a result of this Agreement, accrue leave, retirement, insurance, bonding or any other rights, privileges, or benefits afforded to City employees. The Contractor and its subcontractors shall not have the authority to bind City in any way except as may be specifically provided herein.
7. **SUBCONTRACTING:** The City does not permit subcontractors for the work performed under this Agreement. The Contractor shall not subcontract for the performance of any work under this Agreement without prior written permission of the City.
8. **E-VERIFY:** The Contractor shall enter into and register a Memorandum of Understanding with the Department of Homeland Security E-Verify program within sixty (60) days after execution of this Agreement. The Contractor shall ensure all Contractor employees and any subcontractors assigned to perform work under this Agreement are eligible to work in the United States. The Contractor shall provide verification of compliance upon the request of the City. Failure by the Contractor to comply with this subsection shall be considered a material breach.
9. **DELAYS AND EXTENSIONS OF TIME:** If the Contractor is delayed at any time in the progress of the work covered by this Agreement, by any causes beyond Contractor's control, the time for performance may be extended by such time as shall be mutually agreed upon by the Contractor and the City and shall be incorporated in a written amendment to this Agreement. Any request for an extension of time shall be made in writing to the City.
10. **OWNERSHIP OF RECORDS AND DOCUMENTS:** Any and all work product prepared by the Contractor in the course of performing this Contract shall immediately become the property of the City. In consideration of the compensation provided for by this Agreement, the Contractor hereby further assigns all copyright interests in such work product to the City. A copy may be



retained by the Contractor. Previously owned intellectual property of Contractor, and any know-how, methodologies or processes used by the Contractor to provide the services or project deliverables under this Agreement shall remain property of the Contractor.

- 11. TERMINATION FOR PUBLIC CONVENIENCE:** The City, at its sole discretion, may terminate this contract for convenience at any time for any reason deemed appropriate. Termination is effective immediately upon notice of termination given by the City.

In the event this Agreement is terminated prior to the completion of work, the Contractor will only be paid for the portion of the work completed at the time of termination of the Agreement.

- 12. TERMINATION FOR DEFAULT:** If the Contractor defaults by failing to perform any of the obligations of the Agreement, including violating any law, regulation, rule or ordinance applicable to this Agreement, or becomes insolvent or is declared bankrupt or commits any act of bankruptcy or insolvency or makes an assignment for the benefit of creditors, the City may, by depositing written notice to the Contractor in the U.S. mail, postage prepaid, terminate the Agreement, and at the City's option, obtain performance of the work elsewhere.

If the Agreement is terminated for default, the Contractor shall not be entitled to receive any further payments under the Agreement until all work called for has been fully performed. Any extra cost or damage to the City resulting from such default(s) shall be deducted from any money due or coming due to the Contractor. The Contractor shall bear any extra expenses incurred by the City in completing the work, and all damage sustained, or which may be sustained by the City by reason of such default.

If a notice of termination for default has been issued and it is later determined for any reason that the Contractor was not in default, the rights and obligations of the parties shall be the same as if the notice of termination had been issued pursuant to the termination for public convenience paragraph herein.

- 13. OPPORTUNITY TO CURE:** The City at its sole discretion may in lieu of a termination allow the Contractor to cure the defect(s), by providing a "Notice to Cure" to Contractor setting forth the remedies sought by City and the deadline to accomplish the remedies. If the Contractor fails to remedy to the City's satisfaction the breach or default of any of the terms, covenants, or conditions of this Contract within the time stated time, the City shall have the right to terminate the Contract without any further obligation to the Contractor. Any such termination for default shall not in any way operate to preclude the City from also pursuing all available remedies against the Contractor and its sureties for said breach or default, including but not limited to termination of this Contract for convenience.

- 14. COMPLIANCE WITH THE LAW:** The Contractor agrees to comply with all relevant, Federal, State, and Municipal laws, rules, policies, regulations or ordinances in the performance of work under this Agreement.
- 15. CITY BUSINESS AND OCCUPATION LICENSE:** The Contractor will be required to obtain a business license when contracting with the City unless allowable exemptions apply. The Contractor shall contact the State of Washington Business License Service (BLS) at: <http://bls.dor.wa.gov/file.aspx>, or by phone at 800-451-7985, or go to [www.bls.dor.wa.gov/cities/vancouver.aspx](http://www.bls.dor.wa.gov/cities/vancouver.aspx) or [www.cityofvancouver.us/businesslicense](http://www.cityofvancouver.us/businesslicense), to determine whether a business license is required pursuant to the Vancouver Municipal Code (VMC) Chapter 5.04.
- 16. LIABILITY AND HOLD HARMLESS:** The Contractor agrees to indemnify, defend, save and hold harmless the City, its officials, employees and agents from any and all liability, demands, claims, causes of action, suits or judgments, including costs, attorney fees and expenses incurred in connection therewith, of whatsoever kind or nature (including patent infringement or copyright claims) to the extent arising out of, or in connection with, or incident to, the negligent performance or willful misconduct pursuant to this Agreement. This indemnity and hold harmless shall include any claim made against the City by an employee of Contractor or subcontractor or agent even if Contractor is thus otherwise immune from liability pursuant to the workers' compensation statute, Title 51 Revised Code of Washington (RCW), except to the extent that such liability arises from the concurrent negligence of both the City and the Contractor, such costs, fees and expenses shall be shared between the City and the Contractor in proportion to their relative degrees of negligence. The Contractor specifically acknowledges the provisions contained herein have been mutually negotiated by the parties and it is the intent of the parties that the Contractor provide the broadest scope of indemnity permitted by RCW 4.24.115. The Contractor is an independent contractor and responsible for the safety of its employees.
- 17. INSURANCE:** The Contractor shall obtain and keep in force during the entire term of this agreement, liability insurance against any and all claims for damages to person or property which may arise out of the performance of this Contract whether such work shall be by the Contractor, subcontractor or anyone directly or indirectly employed by either the Contractor or a subcontractor.

All liability insurance required herein shall be under a Comprehensive or Commercial General Liability and business policies.

| <b>COVERAGE</b>                                                                                                                                                                                 | <b>LIMITS OF LIABILITY</b> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| <b>I. Commercial General Liability:</b>                                                                                                                                                         |                            |
| Policy shall include Bodily Injury, Property Damage, Personal Injury and Broad Form Contractual Liability                                                                                       |                            |
| Each Occurrence                                                                                                                                                                                 | \$1,000,000                |
| General Aggregate Per Occurrence                                                                                                                                                                | \$2,000,000                |
| Products & Completed Operations Aggregate                                                                                                                                                       | \$2,000,000                |
| Personal and Advertising Injury                                                                                                                                                                 | \$1,000,000                |
| Blanket Contractual Liability                                                                                                                                                                   | \$1,000,000                |
| <b>II. Commercial Automobile Liability</b>                                                                                                                                                      |                            |
| Policy shall include Bodily Injury and Property Damage, for any owned, Hired, and/or Non-owned vehicles used in the operation, installation and maintenance of facilities under this agreement. |                            |
| Combined Single Limit                                                                                                                                                                           | \$1,000,000                |
| <b>III. Workers' Compensation (applicable to the State of Washington)</b>                                                                                                                       |                            |
| Per Occurrence                                                                                                                                                                                  |                            |
| Employer's Liability                                                                                                                                                                            | \$1,000,000                |
| Disease Each Employee                                                                                                                                                                           | \$1,000,000                |
| Disease Policy Limit                                                                                                                                                                            | \$1,000,000                |
| Each Claim                                                                                                                                                                                      | \$1,000,000                |
| Annual Aggregate                                                                                                                                                                                | \$1,000,000                |

In addition to the coverage and limits listed above the Contractor's insurance must all contain the following:

- a. City Listed as an Additional Insured. The City of Vancouver, its Agents, Representatives, Officers, Directors, Elected and Appointed Officials, and Employees must be named as an additional insured. The required Additional Insured endorsements shall be at least as broad as ISO CG 20 10 11 85, or its equivalent CG 20 10 07 04 and CG 20 37 07 04 must be included with the Certificate of Insurance.
- b. Either the Commercial General Liability or the Workers' Compensation policy must be endorsed to include "Washington Stop Gap" insurance. The limits and aggregates referenced must apply to the Stop Gap coverage as well and must be indicated on the certificate.
- c. Employment Security. The Contractor shall comply with all employment security laws of the State in which services are provided and shall timely make all required payments in connection therewith.
- d. The City of Vancouver shall be listed on the Certificate as the Certificate Holder.

- e. Coverage Trigger: The insurance must be written on an “occurrence” basis. This must be indicated on the Certificate.

Contractor shall provide evidence of all insurance required, at the City’s request, by submitting an insurance certificate to the City on a standard “ACORD” or comparable form.

All policies shall be issued by an insurance company licensed to do business in the State of Washington. The City of Vancouver may inspect all policies and copies shall be provided to the City upon request.

- 18. NOTICES:** All notices which are given or required to be given pursuant to this Agreement shall be hand delivered, mailed postage paid, or sent by electronic mail as follows:

For the City:  
Anna Vogel  
City of Vancouver  
415 W 6<sup>th</sup> Street  
P O Box 1995  
Vancouver WA 98668-1995  
Email: [anna.vogel@cityofvancouver.us](mailto:anna.vogel@cityofvancouver.us)

For the Contractor:  
David Hodges  
CFM Advocates  
802D Officers Row  
Vancouver, WA 98661  
Email: [davidh@cfmpdx.com](mailto:davidh@cfmpdx.com)

Either party may change the designated contact or any information listed above by giving advance notice in writing to the other party.

- 19. AMENDMENTS:** All changes to this Agreement, including changes to the scope of work and compensation sections, must be made by written amendment and signed by all parties to this Agreement.
- 20. SCOPE OF AGREEMENT:** This Agreement incorporates all the agreements, covenants and understanding between the parties hereto and are merged into this written Agreement. No prior agreement or prior understanding, verbal or otherwise, of the parties or their agents shall be valid or enforceable unless set forth in this Agreement.
- 21. RATIFICATION:** Acts taken pursuant to this Agreement but prior to its effective date are hereby ratified and confirmed.
- 22. GOVERNING LAW/VENUE:** This Agreement shall be deemed to have been executed and delivered within the State of Washington, and the rights and obligations of the parties hereunder shall be construed and enforced in accordance with, and governed by, the laws of the State of Washington without regard to the principles of conflict of laws. Any action or suit brought in

connection with this Agreement shall be brought in the Superior Court of Clark County, Washington.

- 23. COOPERATIVE PURCHASING:** The Washington State Inter-local Cooperation Act, Ch. 39.34 RCW, authorizes public agencies to cooperatively purchase goods and services if all parties agree. By having executed this Agreement, the Contractor agrees that other public agencies may purchase goods and services under this solicitation or contract at their own cost and without the City incurring any financial or legal liability for such purchases. The City agrees to allow other public agencies to purchase goods and services under this solicitation or contract, provided that the City is not held financially or legally liable for purchases and that any public agency purchasing under such solicitation or contract file a copy of this invitation and such contract in accordance with RCW 39.34.040.
- 24. PUBLIC DISCLOSURE COMPLIANCE:** The parties acknowledge that the City is an “agency” within the meaning of the Washington Public Records Act, Chapter 42.56 RCW, and that materials submitted by the Contractor to the City become public record. Such records may be subject to public disclosure, in whole or part and may be required to be released by the City in the event of a request for disclosure. In the event the City receives a public record request for any data or deliverable that is provided to the City and that is licensed from the Contractor, the City shall notify the Contractor of such request and withhold disclosure of such information for not less than five (5) business days, to permit the Contractor to seek judicial protection of such information, provided that the Contractor shall be responsible for attorney fees and costs in such action and shall save and hold harmless the City from any costs, attorney fees or penalty assessment under Chapter 42.17 RCW for withholding or delaying public disclosure of such information.
- 25. DEBARMENT:** The Contractor certifies that that it is not presently debarred, suspended, proposed for debarment, and declared ineligible or voluntarily excluded from covered transactions by any Federal, State or local department or agency.
- 26. NONDISCRIMINATION:** The City of Vancouver, WA is an equal opportunity employer. In the performance of this Agreement, the Contractor will not discriminate against any employee or applicant for employment on the grounds of race, creed, color, national origin, sex, sexual orientation, marital status, age or the presence of any sensory, mental or physical handicap.

The undersigned, as the authorized representatives of the City and Contractor respectively, agree to all of the terms and conditions contained in this Agreement, as of the dates set forth below.

**CITY OF VANCOUVER**

A municipal corporation

**CONTRACTOR:**

CFM Advocates

\_\_\_\_\_  
Eric Holmes, City Manager

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name /Title

Attest:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Natasha Ramras, City Clerk

Approved as to form:

\_\_\_\_\_  
Jonathan Young, City Attorney

## ATTACHMENT “A”:

### Payment Rates

#### Cost Proposal

**CFM proposes an annual retainer of \$96,000 (\$8,000/month), beginning with the award of the contract. The contract includes all out-of-pocket expenses incurred by CFM.** Covered expenses would include travel costs, meetings with key congressional officials, postage, and other regular business expenses. CFM also provides grant writing services as part of our federal lobbying contracts. Due to the time intensive nature of many of the new grant programs created under the Bipartisan Infrastructure Law, CFM proposes an additional fee of \$12,000 for drafting each grant narrative that is expected to exceed ten pages in length. Our team can work with the City’s contract manager to determine when this fee would be appropriate.

| CFM Team                                                      | Hourly Rate | Estimated Monthly Hours | Estimated Annual Hours | Estimated Annual Staffing Cost |
|---------------------------------------------------------------|-------------|-------------------------|------------------------|--------------------------------|
| Joel Rubin                                                    | \$ 350      | 10                      | 120                    | \$ 42,000                      |
| David Hodges                                                  | \$ 300      | 12                      | 144                    | \$ 43,200                      |
| Michael Skipper                                               | \$ 250      | 5                       | 60                     | \$ 15,000                      |
| Samantha Lostia                                               | \$ 200      | 7                       | 84                     | \$ 16,800                      |
|                                                               | Totals      | 34                      | 408                    | <b>\$ 117,000</b>              |
| <i>(20% discount applied to total annual staff cost)</i>      |             |                         |                        | <b>\$23,400</b>                |
|                                                               |             | Staffing subtotal       |                        | <b>\$ 93,600</b>               |
| <b>Estimated annual expenses</b>                              |             |                         |                        |                                |
| CFM staff travel & travel expenses                            |             |                         |                        | \$2,000                        |
| Telecommunications charges (i.e.; telephone, PDA's, internet) |             |                         |                        | \$150                          |
| Business expenses (i.e. insurance, materials)                 |             |                         |                        | \$250                          |
| Mail, overnight delivery & courier expenses                   |             |                         |                        | \$25                           |
|                                                               |             | Expense Subtotal        |                        | <b>\$2,425</b>                 |
| <b>Total annual staffing &amp; expenses</b>                   |             |                         |                        | <b>\$ 96,025</b>               |
| <b>Proposed Monthly Retainer</b>                              |             |                         |                        | <b>\$ 8,002</b>                |



**Staff Report: 082-22**

**TO:** Mayor and City Council

**FROM:** Eric Holmes, City Manager

**DATE:** 6/27/2022

**SUBJECT** Marshall Park Harper's Playground Plan Cooperative Agreement

**Key Points**

- Harper's Playground, Inc. is a 501(c)3 nonprofit organization dedicated to designing and building radically inclusive playgrounds for public parks that exceed minimum standards for accessibility through private funding.
- The City and Harper's Playground partnered on the vision and design for Esther Short Park improvements presented at the March 25, 2019 City Council Workshop and slated for construction in summer 2022.
- The Project Play Marshall Park concept formally launched with a public open house on June 26, 2019, following an initial \$500,000 pledge from an anonymous donor.
- Harper's Playground is the sole source able to provide the unique features and benefits that the City needs for the redesign of the playground at Marshall Park and is the single source able to provide the City the distinct combination of an inclusive community benefit and enhanced community involvement through Harper's Playground's unique professional design expertise and nonprofit approach. This unique capacity and vision for Marshall Park was demonstrated at the September 13, 2021 City Council Workshop.
- Under VMC 2.16.090(7), the Parks Director is charged with and authorized to approve all plans for the improvement of lands for public recreation, and for the erection, construction, or improvement of equipment, structures, and facilities for the purpose of recreation, and this Agreement provides such a plan.
- Under VMC 2.16.100, the City may appropriate moneys to conduct a park and recreational program, may receive from lawful sources by contribution, gift, or otherwise for park and recreation purposes, and may take and hold by purchase, gift, devise, or otherwise such real and personal property as may be used for recreation and park purposes.
- Under the Agreement, all private funds raised by Harper's Playground for the project will be contributed to the City in accordance with VMC 3.26.030 and the Parks Department's current policy for donations to recreation access and inclusion programs, and acknowledged as received by the City upon completion of the playground.
- In accordance with VMC 3.05.210 and the City's Sole Source Procurement Policy, City Council approval is required for the sole source procurement of engaging Harper's Playground to carry out the professional services necessary to complete and fund the



Marshall Park Playground Project because the total value of the project exceeds \$300,000 and the resulting work is a public park.

- The Playground groundbreaking is scheduled for June 14, 2022, and construction is anticipated to be substantially complete by November 2022.

### **Strategic Plan Alignment**

**Goal 3, Objective 3.1:** Strengthen community identity and sense of belonging;

**Goal 3, Objective 3.2:** Improve services available to underserved or vulnerable residents;

**Goal 4, Objective 4.1:** Increase maintenance levels and accessibility to parks;

**Goal 5, Objective 5.2:** Build a vibrant, regionally recognized arts and cultural community;

**Goal 6, Objective 6.2:** Improve amenities and services that allow residents to “age in place;”

### **Present Situation**

The existing playground at Marshall Park is inaccessible, dominated by wood chips and plastic stair-laden structures near the end of their life span, excludes thousands of children and their caregivers who experience mobility limiting disability from the physical and mental health benefits of outdoor play. In cooperation with the City’s Parks, Recreation, and Cultural Services Department, Harper’s Playground, a nonprofit organization, will build a fully accessible, radically inclusive playground to replace and improve the aging Chelsea Anderson Memorial at Marshall Park, and raise funds to cover the design, construction, and some equipment costs; the Parks Department will invest \$250,000 in equipment purchases. As of May 1, 2022, Harper’s Playground has raised a total of \$1,931,800 in cash or pledged donations toward the estimated \$3,000,000 in construction costs. Harper’s Playground continues to fundraise through private and philanthropic grant requests, organizational fundraising events, and grassroots development efforts with the goal of closing the funding gap in advance of the November 2022 project completion.

The Parks Department is implementing Project Play, a vision to strategically place fully accessible playgrounds at parks throughout Vancouver, where people of all ages and abilities can thrive together through play. As part of this initiative, the Parks Department held a public open house on Wednesday, June 26, 2019 at Marshall Park to review the plans for the Chelsea Anderson Memorial Playground designed by Harper’s Playground and to engage in the community feedback process. More than 150 people were in attendance, including City leadership, and provided feedback on playground design concepts and share new ideas. The cooperative engagement with Harper’s Playground was initiated because the organization is uniquely situated to comprehensively manage the funding, design, and construction of a natural and accessible park environment that is physically, socially, and emotionally inviting for people of all ages and abilities. The qualifications of Harper’s Playground and the vision for Marshall Park was presented to City Council on September 13, 2021.

### **Advantage(s)**

This site was selected for its central location, accessibility by public transit, and proximity to other

community assets including Legacy Health's Pediatric Rehabilitation Center, Luepke Senior Center, and the Marshall Community Center.

The newly designed Chelsea Anderson Memorial Playground at Marshall Park will be physically, socially, and aesthetically inviting for users of all ages and abilities. The new playground will feature fully accessible and explorable play areas (smooth paths, sloping hills, skate ramps for wheelchair users and skateboarders) and equipment that fosters collaboration and interaction among users of diverse abilities (oodle swing, musical instruments, weesaw).

The redesign will capitalize on existing amenities (picnic shelter, mature trees, community garden), use long lasting materials (logs, boulders), purpose built and existing landscaping (rolling hills, trees, sand/water areas), and facilitate the City's arts and cultural goals with bronze sculptures created by Pacific Northwest sculptor Pete Helzer of animals native to Vancouver.

The new playground will meet the social and physical needs of kids and seniors and foster inter-ability and intergenerational exchange.

The playground redevelopment will retain the Chelsea Anderson memorial recognition and the Fire Department theme through integration of commemorative inscriptions and, as a proposed improvement, installation of the bed of a fire truck as an interactive element.

The project was initiated by an anonymous \$500,000 donation pledge. Harper's Playground is responsible for fundraising additional contributions sufficient to pay for all project expenses except for \$250,000 of funds that the Parks Department will use to acquire playground equipment.

Harper's Playground is uniquely qualified to provide special design, construction management, and fundraising services to fulfill the City's needs for a uniquely accessible and radically inclusive playground plan at Marshall Park.

**Disadvantage(s)**

None

**Budget Impact**

The City will expend \$250,000 for equipment and receive donations raised by Harper's Playground pursuant to VMC 3.26.030.

**Prior Council Review**

September 13, 2021 Harper's Playground Workshop

**Action Requested**

Approve and ratify the sole source justification for Harper's Playground pursuant to VMC 3.05.210 and the City's Sole Source Procurements Policy and approve and ratify the Parks Director execution of the Playground Plan Agreement with Harper's Playground for design and construction of the Marshall Park playground pursuant to the authority granted by VMC 2.16.090(7).

*Julie Hannon, Parks, Recreation and Cultural Services Director, 360-487-8309*

**ATTACHMENTS:**

- ▯ Agreement

## **MARSHALL PARK PLAYGROUND PLAN COOPERATIVE AGREEMENT**

This Playground Plan Cooperative Agreement (“Agreement”) is entered into on June \_\_\_\_, 2022 (“Effective Date”) by and between the City of Vancouver, Washington, a municipal corporation organized under the laws of the State of Washington ( “City”), and Harper’s Playground, Inc., an Oregon nonprofit corporation (“HP”). The City and HP may be collectively referred to in the Agreement as the “parties” or individually as a “party.”

### **BACKGROUND**

A. Marshall Park is a 14-acre community park serving downtown and central Vancouver and connected to Marshall Community Center that hosts a variety of recreational activities coordinated by the Vancouver Parks, Recreation and Cultural Services Department.

B. The City seeks to implement its vision to strategically place fully accessible playgrounds at parks throughout the City where people of all ages and abilities can thrive together through play, and Marshall Park was chosen as an initial location for a replacement and upgrade of existing facilities because of its beautiful natural setting, accessibility to amenities such as restrooms, parking, and public transit, and because of an initial \$500,000 private pledge from an anonymous donor toward the design and construction of a fully inclusive playground at Marshall Park (the “Playground”).

C. The Playground will be created in accordance with the Type 1 Land Use Preliminary Application approval issued by the City on November 19, 2021 (Staff Report and Decision PRJ-167678/LUP-81804) (the “Land Use Approval”).

D. The City hosted an initial public open house about the Playground on Wednesday, June 26, 2019, with more than 150 people in attendance, providing feedback on playground design concepts and sharing new ideas; Community leaders were in attendance to review the plans and engage in the community feedback process. Marshall Park was built as a memorial to Chelsea Anderson, who was the daughter of Vancouver Fire Captain Curt Anderson. The Playground redevelopment will retain the Park’s Fire Department theme and the Chelsea Anderson memorial recognition with the installation of the bed of a fire truck as an interactive element and integration of memorial bricks and plaques.

E. HP is a nonprofit organization dedicated to designing and building radically inclusive playgrounds that exceed minimum standards for accessibility and incorporate physically inviting and adaptive conditions, socially inviting and communal spaces, and emotionally supportive natural surroundings into playground plans for public parks through private funding. HP provides a unique combination of professional and technical expertise originating in the Pacific Northwest and combining private fundraising, design, and construction management services for radically inclusive playgrounds offering a combination of services, expertise, and funding that is not available to the City from any other source.

F. Under Vancouver Municipal Code (VMC) 2.16.090(7), the City Parks Director is authorized to approve all plans for the improvement of lands for public recreation, and for the erection, construction, or improvement of equipment, structures, and facilities for the purpose of recreation and this Agreement provides such plan.

G. In accordance with VMC 2.16.100, the City may appropriate moneys to conduct a park and recreational program, may receive from lawful sources by contribution, gift, or otherwise for park and recreation purposes, and may take and hold by purchase, gift, devise, or otherwise such real and personal property as may be used for recreation and park purposes.

H. The City desires to engage HP to perform the Playground Plan Services as described in this Agreement because HP is the sole source able to provide the unique professional expertise and the sole provider of the unique combination of fundraising and inclusive playground design.

I. HP represents that it is fully qualified to perform the services described herein in a competent and professional manner, and to the full satisfaction of the City.

## **AGREEMENT**

NOW, THEREFORE, in consideration of the above background provisions, and the terms, conditions, covenants, and performance requirements contained herein, or attached and incorporated and made a part hereof, the parties hereto agree as follows:

**1. PLAYGROUND CONCEPT PLAN.** HP will design and manage the construction of the Playground generally in accordance with the conceptual master plan concept attached hereto as Exhibit A. At a minimum, the newly designed Playground at Marshall Park will be physically, socially, and aesthetically inviting for users of all ages and abilities. The new playground will feature fully accessible and explorable play areas (smooth paths, sloping hills, skate ramps for wheelchair users and skateboarders) and equipment that fosters collaboration and interaction among users of diverse abilities (oodle swing, musical instruments, weesaw). The redesign will capitalize on existing amenities (picnic shelter, mature trees, community garden), use long lasting materials (logs, boulders), purpose built and existing landscaping (rolling hills, trees, sand/water areas), and bronze sculptures of native animals to delight and inspire players of all ages. The new playground will meet the social and physical needs of kids and seniors and foster inter-ability and intergenerational exchange.

**2. SCOPE OF WORK.** HP agrees to provide the City all services and materials set forth in the Land Use Approval, in accordance with the project schedule and scope identified in Exhibit B ("Playground Plan Services"). Additionally, HP will prepare construction drawings, specifications, prepare permit documents and manage construction of the Playground. All work must be authorized and approved by the City's Parks Director, or designee, before any work can begin.

HP will approach the project in a manner consistent with its usual customary business practices and actively seek collaborative input from City staff.

**3. FUNDRAISING.** HP will solicit charitable contributions sufficient to carry out the Playground Plan Services through private donations and is responsible for paying all of its own expenses, including general administration of the HP organization, playground design, playground construction, marketing, promotion and fundraising (including development staff costs). Any donor or sponsorship recognition, including but not limited to naming rights, may be subject to review by the City's Parks, Recreation, and Culture Commission pursuant to VMC 2.16.070(9), must comply with current City policy, and must be approved by the City. Notwithstanding the foregoing, recognition bricks or pavers are an approved form of donor acknowledgement.

**4. DONATION.** All private funds raised by HP for the Playground shall be contributed to the City in accordance with VMC 3.26.030 and the Parks Department current policy for donations to recreation access and inclusion programs and acknowledged as received by the City upon Playground Completion.

**5. CITY CONTRIBUTION.** The City will contribute \$250,000.00 USD to the Playground Plan Services. The City will determine the form and timing of the payment with the City having the option, at the City's sole discretion, to directly purchase equipment or materials required under the Playground Plan Services through its procurement process, or provide payment to HP under this Agreement toward the Playground Plan Services with HP having discretion as to how such funds will be applied to the Playground, provided that, in this event, HP must provide all necessary documentation and financial information to certify that funds were expended in performance of the Playground Plan Services. Additionally, once the Playground is complete and has been accepted by the City, the City shall be responsible for the ongoing maintenance of the Playground.

**6. TERM OF AGREEMENT.** The term of this Agreement shall commence on the Effective Date and continue until Playground Certification. Unless directed otherwise by the City, HP shall perform the work in accordance with the Playground Plan Services and any other plans or schedules made pursuant to this Agreement.

**7. RELATION OF PARTIES.** HP, and its subcontractors, agents, employees, or other vendors contracted by HP to provide services or other work for the purpose of meeting HP's obligations under this agreement (collectively referred to as "subcontractors"), are independent contractors performing professional services for the City and are not employees of the City. HP and its subcontractors shall not, as a result of this Agreement, accrue leave, retirement, insurance, bonding or any other rights, privileges, or benefits afforded to City employees. HP and its subcontractors shall not have the authority to bind City in any way except as may be specifically provided herein.

**8. EMPLOYMENT ELIGIBILITY.** HP shall ensure and verify all HP employees, and require that its general contractor and any subcontractors assigned to perform work under this Agreement ensure that their employees, are eligible to work in the United States. HP shall provide verification of compliance upon the request of the City. Failure by HP to comply with this subsection shall be considered a material breach.

**9. DELAYS AND EXTENSIONS OF TIME.** If HP is delayed at any time in the progress of the work covered by this Agreement, by any causes beyond HP's control, the time for performance may be extended by such time as shall be mutually agreed upon by the HP and the City and shall be incorporated in a written amendment to this Agreement. Any request for an extension of time shall be made in writing to the City.

**10. OWNERSHIP OF RECORDS, DOCUMENTS AND WORK.** Any and all work product prepared by HP in the course of performing this Agreement shall immediately become the property of the City. In consideration of the compensation provided for by this Agreement, HP hereby further assigns all copyright interests in such work product to the City. A copy may be retained by HP. Previously owned intellectual property of HP, and any knowhow, methodologies or processes used by HP to provide the services or project deliverables under this Agreement shall remain property of HP. Once the Playground is substantially complete and accepted by the City, all improvements and work product shall be the property of the City ("Playground Completion"). Upon Playground Completion, HP shall transfer all warranties to the City and shall cooperate with the City in the enforcement of any warranties and provide documentation certifying the payment of any required sales or use tax on any of the Playground Plan Services provided ("Playground Certification").

**11. TERMINATION FOR DEFAULT.** If HP defaults by failing to perform any of the obligations of the Agreement, including violating any law, regulation, rule or ordinance applicable to this Agreement, or becomes insolvent or is declared bankrupt or commits any act of bankruptcy or insolvency or makes an assignment for the benefit of creditors, the City may, by depositing written notice to HP in the U.S. mail, postage prepaid, terminate the Agreement, and at the City's option, obtain performance of the work elsewhere. If the Agreement is terminated for default, HP shall not be entitled to receive any further payments under the Agreement until all work called for has been fully performed. Any extra cost or damage to the City resulting from such default(s) shall be deducted from any money due or coming due to HP. HP shall bear any extra expenses incurred by the City in completing the work, and all damage sustained, or which may be sustained by the City by reason of such default.

**12. OPPORTUNITY TO CURE.** The City at its sole discretion may in lieu of a termination allow HP to cure the defect(s), by providing a "Notice to Cure" to HP setting forth the remedies sought by City and the deadline to accomplish the remedies. If HP fails to remedy to the City's satisfaction the breach or default of any of the terms, covenants, or conditions of this Contract within the time stated time, the City shall have the right to terminate the Contract without any further obligation to HP. Any such termination for default shall not in any way operate to

preclude the City from also pursuing all available remedies against HP and its sureties for said breach or default.

**13. COMPLIANCE WITH THE LAW.** HP agrees to comply with, and require its general contractor to comply with, all relevant, Federal, State, and municipal laws, rules, policies, regulations or ordinances in the performance of work under this Agreement and to require the same of all its contractors. HP shall comply with all applicable requirements of federal and state civil rights and rehabilitation statutes, rules and regulations, including without limitation the Americans with Disabilities Act of 1990 (Pub. L. No.1 01-336), including Title II of that Act and Chapter 49.60 RCW, including Washington's Fair Play in Community Sports Act (RCW 49.60.500 and RCW 49.60.505). HP's general contractor must comply with Chapter 39.12 RCW, Prevailing Wages on Public Works.

**14. PREVAILING WAGE.** In accordance with Chapter 39.12 RCW, HP will require its general contractor to agree that all laborers, workers, or mechanics employed by it or by any subcontractor in the performance of the contract it enters into with HP ("HP Construction Contract") will be paid not less than the prevailing rate of wage for and hours work and that the general contractor will comply with and all rules and regulations promulgated pursuant thereto. The State of Washington prevailing wage rates applicable for this public works project, which is located in Clark County, may be found at the following website address of the Department of Labor and Industries: <https://fortress.wa.gov/lni/wagelookup/prvWagelookup.aspx>. The applicable effective date for prevailing wages shall be the effective date of the HP Construction Contract and the prevailing wage rates in effect at that time shall apply for the duration of thereof. HP shall require that the HP Construction Contract include a requirement for the general contractor and each subcontractor to have on file current project specific "Statement of Intent to Pay Prevailing Wages" with the Washington State Department of Labor and Industries before payment will be made for work performed and require an approved "Affidavit of Wages Paid" form to be filed upon completion of the work performed under the HP Construction Contract. In case any dispute arises as to what the prevailing rates of wages for work of a similar nature are and such dispute cannot be resolved by the parties involved, the matter shall be referred to the director of the Department of Labor and Industries of the State of Washington for arbitration, and the L&I Director's decision shall be final, conclusive, and binding on all parties involved in the dispute.

**15. CITY BUSINESS AND OCCUPATION LICENSE.** HP's general contractor and any of its subcontractors must hold or obtain a business license when performing work in the City unless allowable exemptions apply.

**16. LIABILITY AND HOLD HARMLESS.** HP agrees to indemnify, defend, save and hold harmless the City, its officials, employees and agents from any and all liability, demands, claims, causes of action, suits or judgments, including costs, attorney fees and expenses incurred in connection therewith, of whatsoever kind or nature (including patent infringement or copyright claims) to the extent arising out of, or in connection with, or incident to, the negligent performance or willful misconduct pursuant to this Agreement. This indemnity and hold harmless



shall include any claim made against the City by an employee of HP or subcontractor or agent even if HP is thus otherwise immune from liability pursuant to the workers' compensation statute, Title 51 Revised Code of Washington (RCW), except to the extent that such liability arises from the concurrent negligence of both the City and HP, such costs, fees and expenses shall be shared between the City and the HP in proportion to their relative degrees of negligence. HP specifically acknowledges the provisions contained herein have been mutually negotiated by the parties and it is the intent of the parties that HP provide the broadest scope of indemnity permitted by RCW 4.24.115. HP is an independent contractor and responsible for the safety of its employees.

**17. INSURANCE.** HP shall cause any contractors with whom HP engages to obtain and keep in force, during the entire term of this Agreement, liability insurance against any and all claims for damages to person or property which may arise out of the performance of this Contract whether such work shall be by HP, subcontractor or anyone directly or indirectly employed by either HP or a subcontractor and require that HP and the City be named insureds on all such policies. All liability insurance required herein shall be under a Comprehensive or Commercial General Liability and business policies.

| REQUIRED COVERAGE                                                                                                                                                                               | LIMITS OF LIABILITY |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>I. Commercial General Liability:</b>                                                                                                                                                         |                     |
| Policy shall include Bodily Injury, Property Damage, Personal Injury and Broad Form Contractual Liability                                                                                       |                     |
| Each Occurrence                                                                                                                                                                                 | \$1,000,000         |
| General Aggregate Per Occurrence                                                                                                                                                                | \$2,000,000         |
| Products & Completed Operations Aggregate                                                                                                                                                       | \$2,000,000         |
| Personal and Advertising Injury                                                                                                                                                                 | \$1,000,000         |
| Blanket Contractual Liability                                                                                                                                                                   | \$1,000,000         |
| <b>II. Commercial Automobile Liability</b>                                                                                                                                                      |                     |
| Policy shall include Bodily Injury and Property Damage, for any owned, Hired, and/or Non-owned vehicles used in the operation, installation and maintenance of facilities under this Agreement. |                     |
| Combined Single Limit                                                                                                                                                                           | \$1,000,000         |
| <b>III. Workers' Compensation (applicable to the State of Washington)</b>                                                                                                                       |                     |
| Per Occurrence:                                                                                                                                                                                 |                     |
| Employer's Liability                                                                                                                                                                            | \$1,000,000         |
| Disease Each Employee                                                                                                                                                                           | \$1,000,000         |
| Disease Policy Limit                                                                                                                                                                            | \$1,000,000         |
| Each Claim                                                                                                                                                                                      | \$1,000,000         |
| Annual Aggregate                                                                                                                                                                                | \$1,000,000         |
| <b>IV. Umbrella Liability</b>                                                                                                                                                                   |                     |
| Each Claim                                                                                                                                                                                      | \$1,000,000         |
| Annual Aggregate                                                                                                                                                                                | \$5,000,000         |

| <b>V. Professional Liability</b>                                                                                                                                                                                                                                             |             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Policy shall include coverage against any and all claims for damages to person or property which may arise out of the performance of this Contract whether such work shall be by HP, subcontractor or anyone directly or indirectly employed by either HP or a subcontractor | \$1,000,000 |

In addition to the coverage and limits listed above HP's insurance must all contain the following:

a. City Listed as an Additional Insured. The City of Vancouver, its agents, representatives, officers, directors, elected and appointed officials, and employees must be named as an additional insured. The required Additional Insured endorsements shall be at least as broad as ISO CG 20 10 11 85, or its equivalent CG 20 10 07 04 and CG 20 37 07 04 must be included with the Certificate of Insurance.

b. Stop Gap Insurance. Either the Commercial General Liability or the Workers' Compensation policy must be endorsed to include "Washington Stop Gap" insurance. The limits and aggregates referenced must apply to the Stop Gap coverage as well and must be indicated on the certificate.

c. Employment Security. HP shall comply with all employment security laws of the State in which services are provided and shall timely make all required payments in connection therewith.

d. Certificate Holder. The City of Vancouver shall be listed on the Certificate as the Certificate Holder.

e. Coverage Trigger. The insurance must be written on an "occurrence" basis. This must be indicated on the Certificate.

HP shall provide evidence of all insurance required, at the City's request, by submitting an insurance certificate to the City on a standard "ACORD" or comparable form. All policies shall be issued by an insurance company licensed to do business in the State of Washington. The City of Vancouver may inspect all policies and copies shall be provided to the City upon request.

**18. PERFORMANCE AND PAYMENT BONDS.** Any contractors engaged by HP for the Playground Plan Services will provide performance and payment bonds for the Playground in an amount equal to 100% of the contract sum and shall be executed by a corporate surety licensed to do business in the State of Washington.

**19. NOTICES.** All notices which are given or required to be given pursuant to this Agreement shall be hand delivered, mailed postage paid, or sent by electronic mail as follows:

**For the City:**

Julie Hannon, Parks Director  
415 W 6th Street/P O Box 1995  
Vancouver WA 98668-1995  
Email: [julie.hannon@cityofvancouver.us](mailto:julie.hannon@cityofvancouver.us)

**For HP:**

Alyson Schwieger, Deputy Director  
1477 NW Everett Street  
Portland, OR 97209  
Email: [aly@harpersplayground.org](mailto:aly@harpersplayground.org)

Either party may change the designated contact or any information listed above by giving advance notice in writing to the other party.

**20. AMENDMENTS.** All changes to this Agreement, including changes to the Playground Plan Services, must be made by written amendment and signed by all parties to this Agreement.

**21. SCOPE OF AGREEMENT.** This Agreement incorporates all the agreements, covenants and understanding between the parties hereto and are merged into this written Agreement. No prior agreement or prior understanding, verbal or otherwise, of the parties or their agents shall be valid or enforceable unless set forth in this Agreement.

**22. APPROVAL AND RATIFICATION.** Acts taken pursuant to this Agreement but prior to its effective date are hereby ratified and confirmed in accordance with City Council approval authorizing the City to enter into this Agreement.

**23. GOVERNING LAW/VENUE.** This Agreement shall be deemed to have been executed and delivered within the State of Washington, and the rights and obligations of the parties hereunder shall be construed and enforced in accordance with, and governed by, the laws of the State of Washington without regard to the principles of conflict of laws. Any action or suit brought in connection with this Agreement shall be brought in the Superior Court of Clark County, Washington.

**24. PUBLIC DISCLOSURE COMPLIANCE.** The parties acknowledge that the City is an “agency” within the meaning of the Washington Public Records Act, Chapter 42.56 RCW, and that materials submitted by HP to the City become public record. Such records may be subject to public disclosure, in whole or part and may be required to be released by the City in the event of a request for disclosure. In the event the City receives a public record request for any data or deliverable that is provided to the City and that is licensed from HP, the City shall notify HP of such request and withhold disclosure of such information for not less than five (5) business days, to permit HP to seek judicial protection of such information, provided that HP shall be responsible for attorney fees and costs in such action and shall save and hold harmless the City from any costs, attorney fees or penalty assessment under Chapter 42.17 RCW for withholding or delaying public disclosure of such information.

**25. DEBARMENT.** HP certifies that that it is not presently debarred, suspended, proposed for debarment, and declared ineligible or voluntarily excluded from covered transactions by any Federal, State or local department or agency. Furthermore, HP will only engage with service providers who certify the same in carrying out the Playground Plan Services of this Agreement.

**26. NONDISCRIMINATION.** The City is an equal opportunity employer. In the performance of this Agreement, HP will not discriminate against any employee or applicant for employment on the grounds of race, creed, color, national origin, sex, sexual orientation, marital status, age or the presence of any sensory, mental or physical handicap.

IN WITNESS WHEREOF, the undersigned, as the authorized representatives of the City and HP respectively, agree to all of the terms and conditions contained in this Agreement, as of the dates set forth below.

**CITY OF VANCOUVER,**  
a Washington municipal corporation

**HARPER'S PLAYGROUND, INC.,**  
an Oregon nonprofit corporation

By: \_\_\_\_\_  
Name: Julie Hannon  
Title: Parks Director  
Date: \_\_\_\_\_

By: \_\_\_\_\_  
Name: G Cody QJ Goldberg  
Title: Executive Director  
Date: \_\_\_\_\_

**Approved as to form:**

By: \_\_\_\_\_  
Jonathan Young, City Attorney

## EXHIBIT A PLAYGROUND CONCEPT PLAN

### KEY MAP

- A** Entry Plaza
- B** Ramp to Overlook
- C** Bridge Over Tunnel
- D** Integration Carousel
- E** Chelsea Anderson Memorial
- F** Sand and Water Play
- G** Large Turf Hill
- H** Overlook with Slides
- I** Music Zone
- J** New Entry Plaza
- K** Large Mobius
- L** 4-Bay Swing Area
- M** Log Fort Play
- N** Free Form Log Balance
- O** We-Saw Play Area
- P** Existing Pavilion
- Q** Shade Sail Over Slide



**MARSHALL PARK**

**Vancouver**  
FOUNDATION  
Parks & Recreation

**HARPER'S**  
PLAYGROUND

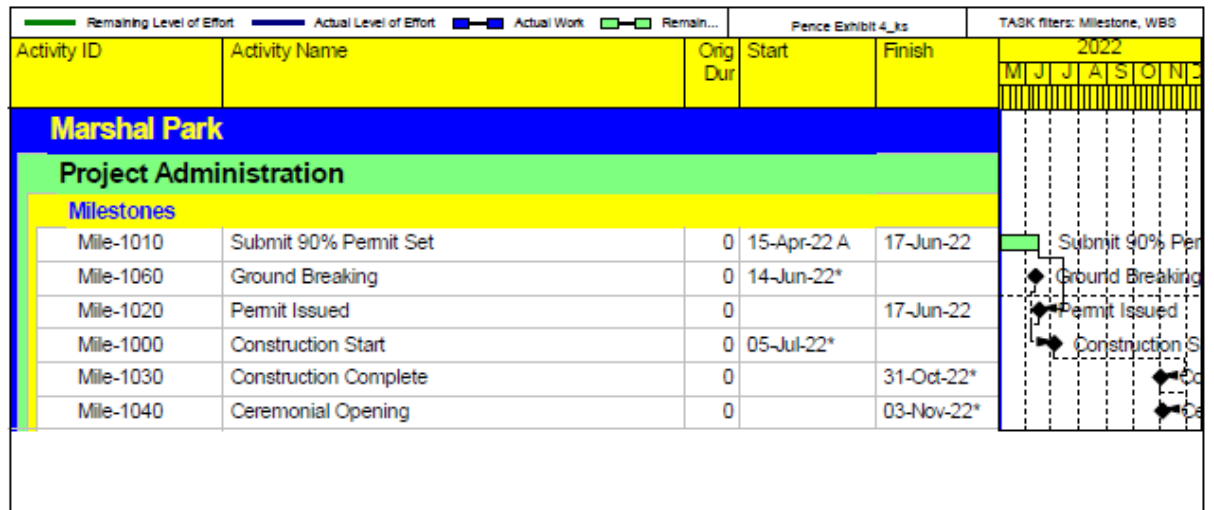
M I G

## EXHIBIT B PLAYGROUND PLAN SERVICES

### Project Scope:

Replacement of the existing playground in Marshall Park with an updated, fully inclusive playground, in accordance with the Playground Concept Plan and the Land Use Approval, with installation of over 20 inclusive interactive play and sensory elements. The Chelsea Anderson Memorial will be maintained and most large trees will remain, along with the existing group picnic shelter, parking area and access points.

### Project Schedule:





**Staff Report: 083-22**

**TO:** Mayor and City Council

**FROM:** Eric Holmes, City Manager

**DATE:** 6/27/2022

**SUBJECT** Adoption of an Interlocal Agreement between Clark County and the City of Vancouver for the 2022 Recycling Residue Study

**Key Points**

- The City's Solid Waste program and Clark County's Solid Waste and Environmental Outreach Division (SWEO) are mandated by the state to implement contamination reduction efforts to reduce contamination (i.e. residuals/trash) in the recycling stream.
- From 2016 to 2021, Clark County lead an annual study that involves the sorting of residual materials in recycling collected from residents in Clark County and Vancouver. Data from the study is then used to tailor regional and local outreach and education efforts.
- Due to time and resource constraints, Clark County SWEO partnered with City of Vancouver Solid Waste to contract for the recycling residual analysis study in 2022 and agreed to reimburse the City for the expense through an Interlocal Agreement.

**Strategic Plan Alignment**

**Objective 1.2:** Ensure our infrastructure, including buildings and utilities, is safe, environmentally responsible and well maintained

**Present Situation**

The City's Solid Waste program and Clark County's Solid Waste and Environmental Outreach Division (SWEO) are mandated by the state Department of Ecology to implement contamination reduction efforts to reduce contamination (i.e. residuals/trash) in the recycling stream. To meet these goals, Vancouver and regional partners are working to target appropriate outreach messages to households and multi-family residents within the City and broader region to improve recycling outcomes.

Recyclables collected within Vancouver and Clark County are delivered and processed under contract with Columbia Resource Company (CRC) at the West Van Materials Recovery Center (West Van) for the recovery of recyclable materials and commodities. In accordance with the processing contract, CRC conducts an annual allocation study in which materials from

geographically specific residential sources are processed separately from other sources to determine the breakdown of the type and amount of recyclables and contaminants collected from those sources.

Concurrent with the allocation study, the County conducts an annual residual study analysis of the recycling stream to identify key contaminants outlined in the Regional Solid Waste Management Plan, Appendix P: Contamination Reduction and Outreach Plan. The study involves the sorting of residual materials collected by Waste Connections of Washington from single family and multifamily residents in Vancouver and Clark County as part of the regional recycling program.

The primary objective of the recycling residue study is to provide reliable and statistically-sound data about the contamination/residue collected from three sources to help assist regional partners in evaluating the effectiveness of existing recycling programs, and to identify the types and amounts of contamination present in curbside and multifamily recycling streams. This in turn allows for better tailoring of campaigns and programs to most effectively reach division goals and assure high quality materials are sent to available markets.

An initial baseline residue study was conducted in 2016. Subsequent studies were conducted in 2017, 2018 and 2019. Partial studies were conducted in 2020 and 2021 due to the Covid-19 pandemic. Due to time and resource constraints, Clark County SWEO partnered with City of Vancouver Solid Waste to execute the recycling residual analysis study in 2022.

The fieldwork for this study was performed by Community Environmental Services (CES) under contract with the City of Vancouver. The contractor is required to complete a recycling residue study for 2022 that includes conducting an assessment of residual materials from the allocation study for the City of Vancouver Solid Waste and Clark County Public Health Solid Waste from three separated sources: multifamily (regionwide), single family (City of Vancouver) and single family (urban growth area/unincorporated Clark County).

To-date, the 2022 residual waste study consisted of three days of physical sampling at the West Van (scheduled on May 8, June 5 and 12). Random samples were taken from single-family recycling collected from within City of Vancouver limits, as well as, urban growth area/unincorporated Clark County routes, and regionwide multifamily routes were be analyzed and sorted into approximately 39 categories of waste. A final report with analysis will be provided in September.

As per the Interlocal Agreement the City will provide reports from the contractor along with their invoice(s) for services to Clark County. This Interlocal Agreement would remain in effect until December 31, 2022, unless amended or terminated sooner.

### **Advantage(s)**

1. Allows the City to be fully reimbursed for the professional services and expenses associated with the annual recycling residue study.
2. The City continues its role as a partner to the County and CRC in evaluation of recyclables processing performance and planning for and guiding programs and messaging based on study results.
3. The City can more accurately report on solid waste budget performance standards relating to the contamination rate for the City's single family and multifamily recycling programs.



**Disadvantage(s)**

None

**Budget Impact**

None. City funding for the 2022 Recycling Residue study was within available professional services budget appropriations for Solid Waste in 2022 and will be fully reimbursed by Clark County.

**Prior Council Review**

None

**Action Requested**

Authorize the City Manager or his designee to sign / adopt the Interlocal Agreement with Clark County for reimbursement of 2022 recycling residue study expenses.

*Julie Gilbertson, Solid Waste Supervisor, 360-487-7162*

**ATTACHMENTS:**

- ▢ Interlocal Agreement re: Recycling Residue Study

**INTERLOCAL  
HDC.1789**  
between  
**CLARK COUNTY**  
P.O. Box 9825, Vancouver, WA 98666  
and  
**CITY OF VANCOUVER**  
P.O. Box 1995, Vancouver, WA 98666

Project: 2022 SWEO Recycling Residue Study  
Service Description: City of Vancouver will coordinate the 2022 Residue Study  
Supplier Contract Number: SCN00002270  
Contract Name: CCPH City of Vancouver Interlocal Residue Study HDC.1789  
Contract Period: May 1, 2022-December 31, 2022  
Total Contract Amount: Up to \$35,000.00

| Clark Contacts                                                                                                          |                                                                                                          |                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Program                                                                                                                 | Fiscal                                                                                                   | Contract                                                                                                                          |
| Brian Schlottmann<br>564.397.8258<br><a href="mailto:Brian.Schlottmann@clark.wa.gov">Brian.Schlottmann@clark.wa.gov</a> | Kayla Mobley<br>564.397.8235<br><a href="mailto:Kayla.Mobley@clark.wa.gov">Kayla.Mobley@clark.wa.gov</a> | Joelle Loescher<br>564.397.8126<br><a href="mailto:CntyHealthGrantContract@clark.wa.gov">CntyHealthGrantContract@clark.wa.gov</a> |

| City Contacts                                                                                                                    |                                                                                                                      |                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Program                                                                                                                          | Fiscal                                                                                                               | Contract                                                                                                                |
| Julie Gilbertson<br>360.487.7162<br><a href="mailto:Julie.Gilbertson@cityofvancouver.us">Julie.Gilbertson@cityofvancouver.us</a> | Shannon Turk<br>360.487.7132<br><a href="mailto:Shannon.Turk@cityofvancouver.us">Shannon.Turk@cityofvancouver.us</a> | David Galazin<br>360.487.8517<br><a href="mailto:david.galazin@cityofvancouver.us">david.galazin@cityofvancouver.us</a> |

This Contract for governmental services, where both parties are public agencies, pursuant to RCW 39.34.080 is entered into between Clark County, hereinafter referred to as “Clark,” and City of Vancouver, hereinafter referred to as “City.” Clark and City agree to all terms and conditions, exhibits, and requirements of this contract.

**CITY OF VANCOUVER:**

**CLARK COUNTY:**

\_\_\_\_\_  
Eric Holmes, City Manager

\_\_\_\_\_  
Date

\_\_\_\_\_  
Kathleen Otto, County Manager

\_\_\_\_\_  
Date

APPROVED AS TO FORM ONLY:

\_\_\_\_\_  
Amanda Migchelbrink  
Deputy Prosecuting Attorney

\_\_\_\_\_  
Date

## TERMS AND CONDITIONS

1. Services. Shall perform services as set forth in Exhibit A.
2. Time. The contract shall be effective beginning May 1, 2022, to December 31, 2022. Clark reserves the right to extend the contract for a one (1) year period, with the same terms and conditions, by service of a written notice of its intention to do so prior to the contract termination date.
3. Compensation. Clark shall pay the City for performing said services upon receipt of a written invoice according to the schedule set forth in "Exhibit B", which is attached hereto and incorporated herein by this reference. The parties mutually agree that in no event may the amount billing exceed \$35,000.00 without prior written approval.
4. Termination. Either party may terminate this Contract immediately upon any breach by either party in the duties as set forth in Contract. The waiver by either party of one or more breaches shall not be construed as a waiver of any subsequent breach or breaches. Either party may terminate this Contract without cause with ninety (90) days prior written notice.
5. Independent Contractor. The Parties to this Agreement are independent contractors. Neither Party is an agent, representative, or partner of the other Party. Neither Party shall have any right, power, or authority to enter into any agreement for, or on behalf of, or incur any obligation or liability of, or to otherwise bind, the other Party. This Agreement shall not be interpreted or construed to create an association, agency, joint venture, or partnership between the Parties or to impose any liability attributable to such a relationship upon either Party.
6. Indemnification / Hold Harmless. City shall defend, indemnify and hold Clark, its officers, officials, employees and volunteers harmless from any and all claims, injuries, damages, losses or suits including attorney fees, arising out of or resulting from the negligent acts, errors or omissions of City in performance of this Contract, except for injuries and damages caused by the sole negligence of Clark. Should a court of competent jurisdiction determine that this Contract is subject to RCW 4.24.115, then, in the event of liability for damages arising out of bodily injury to persons or damages to property caused by or resulting from the concurrent negligence of City, its officers, officials, employees, and volunteers, City's liability, including the duty and cost to defend, hereunder shall be only to the extent of the City's negligence. It is further specifically

and expressly understood that the indemnification provided herein constitutes the City's waiver of immunity under Industrial Insurance, Title 51 RCW, solely for the purposes of this indemnification. This waiver has been mutually negotiated by the parties. The provisions of this section shall survive the expiration or termination of this Contract.

7. Wage and hour compliance. Both parties shall comply with all applicable provisions of the Fair Labor Standards Act and any other legislation affecting its employees and the rules and regulations issued thereunder insofar as applicable to its employees and shall always save City free, clear and harmless from all actions, claims, demands and expenses arising out of said act and the rules and regulations that are or may be promulgated in connection therewith. No party or its employees is entitled to participate in a pension plan, insurance, bonus, or similar benefits provided by any other party.
8. Social Security and Other Taxes. City assumes full responsibility for the payment of all payroll taxes, use, sales, income or other form of taxes, fees, licenses, excises, or payments required by any city, federal or state legislation that is now or may during the term of this contract be enacted as to all persons employed by the Clark in performance of the work pursuant to this Contract and shall assume exclusive liability therefore, and meet all requirement's thereunder pursuant to any rules and regulations that are now and may be promulgated in connection therewith.
9. Contract Documents: Other documents included in this contract include Exhibit A, Scope of Work and Exhibit B, Budget Summary. If there is a conflict between the provisions of these documents, the provisions of this Contract shall control.
10. Equal Employment Opportunity: City and Clark will not discriminate against any employee or applicant for employment because of race, color, religion, gender, gender identity, sexual orientation, age, disability, marital status or national origin.
11. Changes: Either party may, from time to time, require changes in the scope of the services to be performed hereunder. Such changes including any increase or decrease in the amount of the City's compensation which are mutually agreed upon by and between Clark and the City, shall be in writing, signed by both parties and incorporated in the written amendments to the Contract.

Public Records Act: Notwithstanding any provisions of this contract to the contrary, to the extent any record, including any electronic, audio, paper or other media, is required to be kept or indexed as a public record in accordance with the Washington Public Records Act, RCW Chapter 42.56, as may hereafter be amended, each party agrees to maintain all records constituting public records and to produce or assist both parties in producing such records, within the time frames and parameters set forth in state law.

12. Governing Law. This contract shall be governed by the laws of the State of Washington. Venue for any litigation shall be in Superior Court for the State of Washington in Clark County, Washington.
13. Confidentiality. With respect to all information relating to each party that is confidential and clearly so designated, each party agrees to keep such information confidential. Each party shall comply with all applicable provisions of RCW 70.24, 70.28, and any other state law applicable to confidentiality of information.
14. Conflict of Interest. Both parties' covenants that it has had no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance of services hereunder. Both parties' further covenants that no person having such interest shall be employed by or shall perform services as an independent contractor with it, in the performance of this contract.
15. Insurance. Each party shall each be responsible for providing worker's compensation insurance as required by law. Neither party shall be required to provide or show proof of any other insurance coverage.
16. Consent and Understanding. This contract contains a complete and integrated understanding of the Contract between the parties and supersedes any understandings, contract, or negotiations, whether oral or written, not set forth herein or in written amendments hereto duly executed by both parties.
17. Force Majeure. Neither party will be liable for failure or delay to perform obligations under this Contract, which have become practicably impossible because of circumstances beyond the reasonable control of the applicable party. Such circumstances include without limitation natural disasters or acts of God; acts of terrorism; labor disputes or stoppages; war; government acts or

orders; epidemics, pandemics or outbreak of communicable disease; quarantines; national or regional emergencies; or any other cause, whether similar in kind to the foregoing or otherwise, beyond the party's reasonable control. Written notice of a party's failure or delay in performance due to force majeure must be given to the other party no later than five (5) business days following the force majeure event commencing, which notice shall describe the force majeure event and the actions taken to minimize the impact thereof. All delivery dates under this Contract affected by force majeure shall be tolled for the duration of such force majeure. The parties hereby agree, when feasible, not to cancel but reschedule the pertinent obligations and deliverables for mutually agreed dates as soon as practicable after the force majeure condition ceases to exist.

18. Access to Records. Each party shall have reasonable access to the books, documents and other records of the other which are related to this agreement for the purpose of examination, copying and audit, unless otherwise limited by law.
19. Severability. If any provision of this contract is held invalid, the remainder would then continue to conform to the terms and requirements of applicable law.

**EXHIBIT A**  
**STATEMENT OF WORK**  
**CONTRACT HDC.1789**

**1. Background**

Recyclables generated within Clark County are processed at the West Van Materials Recovery Center (West Van) 6601 NW Old Lower River Road, Vancouver, WA, for the recovery of recyclable materials.

The County has an interest in conducting an annual recycling residual study to analyze the municipal recycling stream to identify key contaminants outlined in the Solid Waste Management Plan Appendix P: Contamination Reduction and Outreach Plan. An initial baseline study was conducted in 2016. Subsequent studies were conducted in 2017, 2018 and 2019. Partial residue studies were conducted in 2020 and 2021 due to the Covid-19 pandemic.

- 1.1. Clark County has an existing long-term contract with Columbia Resource Company (CRC) for recycling, transfer, transport and disposal of solid waste. In accordance with said contract, the County is responsible for conducting an analysis each year of the solid waste being generated and discarded by households in Clark County. Due to the pandemic, Solid Waste & Environmental Outreach is partnering with City of Vancouver Solid Waste for the analysis project in 2022.
- 1.2. The residual recycling waste analysis will consist of three days of physical sampling at the West Vancouver Transfer Station this spring (scheduled to begin in May and June). Random samples taken from single-family recycling collected from the City of Vancouver and urban growth area routes as well as from multifamily regionwide will be analyzed and sorted into approximately 39 categories.

**2. Clark, shall provide the following services and activities:**

- 2.1. Clark will reimburse City for the cost of the Recycling Residue Study
- 2.2. Clark will provide a sort screen table designed for this activity and brute tubs
- 2.3. Clark will assist in coordination by request from City staff, including communications and volunteer staffing.

**3. City, shall provide the following services and activities:**

- 3.1. The City will work with a hired contractor to complete a recycling residue study what includes conducting an assessment of residual materials from the allocation study for the City of Vancouver Solid Waste and Clark County Public Health Solid Waste from three separated sources: multifamily (regionwide), single family (City of Vancouver) and single family (urban growth area/unincorporated Clark County).
- 3.2. The City will provide reports from the contractor along with their invoice(s) for services to Clark.

**EXHIBIT B**  
**BUDGET SUMMARY**  
**CONTRACT HDC.1789**

| DESCRIPTION                     | AMOUNT                       |
|---------------------------------|------------------------------|
| Reimbursement for Residue Study | Not to exceed<br>\$35,000.00 |



[illegible]



**Staff Report: 085-22**

**TO:** Mayor and City Council

**FROM:** Eric Holmes, City Manager

**DATE:** 6/27/2022

**SUBJECT** Modification of 2022 Council Calendar

**Present Situation**

On June 13, City Council adopted amendments to its Policy 100-32 to, among other things, allow for alternate approaches to hosting community forums on the last consent meeting of the month. Due to holidays over the summer months, there is only one consent meeting/community forum night each in July, August and September. To assure consistency of the community forum night occurring on the last meeting of each month, as well as to optimize planning and promotion of community forums over these summer months, the Council calendar needs to be amended to set the consent and forum night for August to occur on August 15 instead of August 8. The August 8 meeting will be changed to a Regular City Council meeting. The resulting consent meeting/community forum schedule for summer will be July 25, August 15 and September 26. The normal schedule will resume in October.

**Action Requested**

Approve, as part of the consent agenda, an amendment to the 2022 Council Calendar for August to set the consent agenda/community forum date for August 15.

*Eric Holmes, City Manager, 360-487-8600*

## VOUCHER APPROVAL

We, the undersigned council members of the City of Vancouver, Clark County, Washington, do hereby certify that the merchandise or services hereinafter specified have been received and that the vouchers listed below are approved for payment in the amount of:

**\$ 12,070,995.15** this 27th day of June 2022.

DocuSigned by:



00000000EC3424...

MAYOR



AUDITING OFFICER

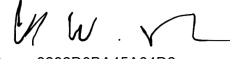
DocuSigned by:



3EEB713B471247

COUNCILMEMBER

DocuSigned by:



00000000EC3424...

COUNCILMEMBER

| DATE                          | INCLUSIVE CHECK NUMBERS                | CHECK TOTAL             |
|-------------------------------|----------------------------------------|-------------------------|
| June 06, 2022 - June 19, 2022 | Accounts Payable Checks (see attached) | \$ 8,656,914.82         |
| June 06, 2022 - June 19, 2022 | Hansen City Payments (see attached)    | \$ 19,569.54            |
| June 06, 2022 - June 19, 2022 | Visa Refunds (see attached)            | \$ 7,147.00             |
| June 06, 2022 - June 19, 2022 | Payroll Checks (see attached)          | \$ 3,387,363.79         |
| <b>TOTAL</b>                  |                                        | <b>\$ 12,070,995.15</b> |

**INVOICE PAYMENTS REPORT**

| <u>Payment Category</u> | <u>Payment Type</u> | <u>Check Number</u> | <u>Payment Date</u>      | <u>Payment Amount</u> | <u>Payment Payee</u>                                                        | <u>Payment Memo if applicable</u> |
|-------------------------|---------------------|---------------------|--------------------------|-----------------------|-----------------------------------------------------------------------------|-----------------------------------|
| Supplier Payment        | Manual Wire         | No Reference        | 6/2/2022                 | 97,296.43             | Bank Of America N.A. - Remit-To: Account Analysis                           |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/3/2022                 | 1,044.00              | State of Washington Department of Licensing - Remit-To: DOL - Seattle Remit |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/6/2022                 | 230,568.84            | Blue Cross Blue Shield of Oregon                                            |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/6/2022                 | 23,481.15             | JP Morgan Chase Bank, N.A.                                                  |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/6/2022                 | 68,194.41             | Liberty Mutual Group Inc.                                                   |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/6/2022                 | 446,475.59            | Vancouver Firefighters Union Health & Welfare Trust                         |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/6/2022                 | 10,073.34             | VSP Vision Care Inc                                                         |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/6/2022                 | 13,459.30             | Washington Dental Service                                                   |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/6/2022                 | 177,550.00            | Western States Health & Welfare Trust                                       |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/8/2022                 | 188.83                | Keybank National Association                                                |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/9/2022                 | 85,033.16             | Liberty Mutual Group Inc.                                                   |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/10/2022                | 6,292.58              | ICMA 401A                                                                   |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/10/2022                | 255,185.62            | ICMA Corp                                                                   |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/10/2022                | 683.00                | Oregon SDU                                                                  |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/10/2022                | 51,550.39             | State of Washington Department of Retirement System (PERS)                  |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/10/2022                | 1,085.93              | Vancouver Fire Command Officers                                             |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/10/2022                | 23,614.94             | Vancouver Firefighters Union Health & Welfare Trust                         |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/10/2022                | 6,040.90              | Washington SDU                                                              |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/10/2022                | 18,600.00             | Washington State Firefighters                                               |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/10/2022                | 18,256.63             | Western States Health & Welfare Trust                                       |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/13/2022                | 286.12                | Allegiance Benefit Plan Management Inc - Remit-To: COBRA                    |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/13/2022                | 154,111.21            | Blue Cross Blue Shield of Oregon                                            |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/13/2022                | 232,562.63            | Clark County - Remit-To: Clark County - Treasurer                           |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/13/2022                | 1,012,779.24          | Vancouver                                                                   |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/13/2022                | 755,488.17            | Internal Revenue Service                                                    |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/13/2022                | 18,218.50             | State of Washington Department of Retirement System (PERS)                  |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/13/2022                | 18,218.50             | Washington Dental Service                                                   |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/14/2022                | 33,891.53             | State of Oregon Department of Revenue                                       |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/15/2022                | 146.30                | Bank Of America N.A.                                                        |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/17/2022                | 325,671.96            | Blue Cross Blue Shield of Oregon                                            |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/17/2022                | 87,866.43             | Liberty Mutual Group Inc.                                                   |                                   |
| Supplier Payment        | Manual Wire         | No Reference        | 6/17/2022                | 16,848.20             | Washington Dental Service                                                   |                                   |
|                         |                     |                     | <b>Manual Wire Total</b> | <b>4,172,545.33</b>   |                                                                             |                                   |
| Supplier Payment        | EFT                 | EFT-00150392        | 6/9/2022                 | 199.64                | Harrys Key Service Inc                                                      |                                   |
| Supplier Payment        | EFT                 | EFT-00150393        | 6/9/2022                 | 5,625.57              | Fire Systems West                                                           |                                   |
| Supplier Payment        | EFT                 | EFT-00150394        | 6/9/2022                 | 2,979.67              | Sonic Boom Wellness LLC                                                     |                                   |
| Supplier Payment        | EFT                 | EFT-00150395        | 6/9/2022                 | 206,868.07            | Rotschy Inc                                                                 |                                   |
| Supplier Payment        | EFT                 | EFT-00150396        | 6/9/2022                 | 360,329.31            | Halme Excavating Inc                                                        |                                   |
| Supplier Payment        | EFT                 | EFT-00150397        | 6/9/2022                 | 90,380.50             | Fine Line Productions                                                       |                                   |
| Supplier Payment        | EFT                 | EFT-00150398        | 6/9/2022                 | 4,093.54              | New Life Friends Church                                                     |                                   |
| Supplier Payment        | EFT                 | EFT-00150399        | 6/9/2022                 | 6,292.58              | Fehr & Peers                                                                |                                   |
| Supplier Payment        | EFT                 | EFT-00150400        | 6/9/2022                 | 2,000.03              | Six Degrees Inc                                                             |                                   |
| Supplier Payment        | EFT                 | EFT-00150401        | 6/9/2022                 | 866.25                | Allegiance Benefit Plan Management Inc - Remit-To: Pensioners               |                                   |

**INVOICE PAYMENTS REPORT**

| <u>Payment Category</u> | <u>Payment Type</u> | <u>Check Number</u> | <u>Payment Date</u> | <u>Payment Amount</u> | <u>Payment Payee</u>                                 | <u>Payment Memo if applicable</u> |
|-------------------------|---------------------|---------------------|---------------------|-----------------------|------------------------------------------------------|-----------------------------------|
| Supplier Payment        | EFT                 | EFT-00150402        | 6/9/2022            | 69,668.11             | Living Hope Church                                   |                                   |
| Supplier Payment        | EFT                 | EFT-00150403        | 6/9/2022            | 1,483.24              | State of Washington Consolidated Technology Services |                                   |
| Supplier Payment        | EFT                 | EFT-00150404        | 6/9/2022            | 2,065.00              | Brad Piesch Aggressive Enterprises, Inc              |                                   |
| Supplier Payment        | EFT                 | EFT-00150405        | 6/9/2022            | 536.50                | Atlas Technical Consultants LLC                      |                                   |
| Supplier Payment        | EFT                 | EFT-00150406        | 6/9/2022            | 1,900.92              | MPGTandem                                            |                                   |
| Supplier Payment        | EFT                 | EFT-00150407        | 6/9/2022            | 1,570.25              | Net Transcripts Inc                                  |                                   |
| Supplier Payment        | EFT                 | EFT-00150408        | 6/9/2022            | 396,658.96            | Advanced Excavating Specialists LLC                  |                                   |
| Supplier Payment        | EFT                 | EFT-00150409        | 6/9/2022            | 13,819.11             | Tapani Inc                                           |                                   |
| Supplier Payment        | EFT                 | EFT-00150410        | 6/9/2022            | 1,346.25              | George Elevator Service LLC                          |                                   |
| Supplier Payment        | EFT                 | EFT-00150411        | 6/9/2022            | 191,297.95            | Operations Management International Inc              |                                   |
| Supplier Payment        | EFT                 | EFT-00150412        | 6/9/2022            | 16,196.50             | Otak Inc                                             |                                   |
| Supplier Payment        | EFT                 | EFT-00150413        | 6/9/2022            | 6,010.54              | Vancouvercenter Condominium Association              |                                   |
| Supplier Payment        | EFT                 | EFT-00150414        | 6/9/2022            | 569,538.98            | Kirby Nagelhout Construction Company                 |                                   |
| Supplier Payment        | EFT                 | EFT-00150415        | 6/9/2022            | 4,776.00              | Universal Field Services Inc                         |                                   |
| Supplier Payment        | EFT                 | EFT-00150416        | 6/9/2022            | 40.73                 | Ziply Fiber                                          |                                   |
| Supplier Payment        | EFT                 | EFT-00150417        | 6/9/2022            | 514.84                | Praxair Distribution Inc                             |                                   |
| Supplier Payment        | EFT                 | EFT-00150418        | 6/9/2022            | 27,504.75             | C & J Contracting                                    |                                   |
| Supplier Payment        | EFT                 | EFT-00150419        | 6/9/2022            | 2,675.76              | GeoDesign Inc                                        |                                   |
| Supplier Payment        | EFT                 | EFT-00150421        | 6/10/2022           | 14,479.53             | Allegiance Benefit Plan Management Inc               |                                   |
| Supplier Payment        | EFT                 | EFT-00150422        | 6/10/2022           | 133.22                | Legal Shield                                         |                                   |
| Supplier Payment        | EFT                 | EFT-00150423        | 6/10/2022           | 950.40                | Vancouver Command Guild                              |                                   |
| Supplier Payment        | EFT                 | EFT-00150424        | 6/10/2022           | 10,412.51             | Vancouver Police Officer Guild                       |                                   |
| Supplier Payment        | EFT                 | EFT-00150425        | 6/10/2022           | 23,397.81             | IAFF Local #452                                      |                                   |
| Supplier Payment        | EFT                 | EFT-00150480        | 6/16/2022           | 11,406.25             | Economic Consultants Oregon Ltd                      |                                   |
| Supplier Payment        | EFT                 | EFT-00150481        | 6/16/2022           | 1,460.00              | Rotschy Inc                                          |                                   |
| Supplier Payment        | EFT                 | EFT-00150482        | 6/16/2022           | 17,478.19             | Accurate Investigation Services                      |                                   |
| Supplier Payment        | EFT                 | EFT-00150483        | 6/16/2022           | 2,776.06              | Consolidated Supply Co                               |                                   |
| Supplier Payment        | EFT                 | EFT-00150484        | 6/16/2022           | 271.25                | George Elevator Service LLC                          |                                   |
| Supplier Payment        | EFT                 | EFT-00150485        | 6/16/2022           | 2,757.85              | ROP Consulting Inc                                   |                                   |
| Supplier Payment        | EFT                 | EFT-00150486        | 6/16/2022           | 2,410.87              | Jacobs Engineering Group Inc                         |                                   |
| Supplier Payment        | EFT                 | EFT-00150487        | 6/16/2022           | 642.50                | Atlas Technical Consultants LLC                      |                                   |
| Supplier Payment        | EFT                 | EFT-00150488        | 6/16/2022           | 40,857.63             | Opsis Architecture LLP                               |                                   |
| Supplier Payment        | EFT                 | EFT-00150489        | 6/16/2022           | 1,627.50              | Exo Contracting                                      |                                   |
| Supplier Payment        | EFT                 | EFT-00150490        | 6/16/2022           | 7,389.07              | Fire Systems West                                    |                                   |
| Supplier Payment        | EFT                 | EFT-00150491        | 6/16/2022           | 245.00                | Canopy Wellbeing                                     |                                   |
| Supplier Payment        | EFT                 | EFT-00150492        | 6/16/2022           | 3,334.34              | Restored and Revived                                 |                                   |
| Supplier Payment        | EFT                 | EFT-00150493        | 6/16/2022           | 11,570.86             | Sea Mar Community Health Center                      |                                   |
| Supplier Payment        | EFT                 | EFT-00150494        | 6/16/2022           | 250.00                | Rapid Response Bio Clean Inc.                        |                                   |
| Supplier Payment        | EFT                 | EFT-00150495        | 6/16/2022           | 3,479.75              | Emerald Services Inc                                 |                                   |
| Supplier Payment        | EFT                 | EFT-00150496        | 6/16/2022           | 3,244.75              | Second Step Housing                                  |                                   |
| Supplier Payment        | EFT                 | EFT-00150497        | 6/16/2022           | 16,495.32             | MacKay Sposito Inc                                   |                                   |
| Supplier Payment        | EFT                 | EFT-00150498        | 6/16/2022           | 600.00                | Pacific Talent Inc                                   |                                   |
| Supplier Payment        | EFT                 | EFT-00150499        | 6/16/2022           | 4,830.00              | The Gunter Group LLC                                 |                                   |
| Supplier Payment        | EFT                 | EFT-00150500        | 6/16/2022           | 18,716.25             | City Electric Co of WA                               |                                   |
| Supplier Payment        | EFT                 | EFT-00150501        | 6/16/2022           | 11,570.44             | C & J Contracting                                    |                                   |
| Supplier Payment        | EFT                 | EFT-00150502        | 6/16/2022           | 97,521.08             | Del Sol Inc                                          |                                   |
| Supplier Payment        | EFT                 | EFT-00150503        | 6/16/2022           | 1,509.30              | State of Washington Auditor's Office                 |                                   |
| Supplier Payment        | EFT                 | EFT-00150504        | 6/16/2022           | 19,493.39             | Evoqua Water Technologies LLC                        |                                   |

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|-------------------------|---------------------|---------------------|-----------------------------|-----------------------|---------------------------------|-----------------------------------|
| Supplier Payment        | EFT                 | EFT-00150505        | 6/15/2022                   | 103,673.04            | Jeffrey D. Barrar, PS           |                                   |
| Supplier Payment        | EFT                 | EFT-00150506        | 6/16/2022                   | 1,050.00              | JCI Jones Chemicals, Inc.       |                                   |
|                         |                     |                     | <b>EFT Total</b>            | <b>2,423,273.71</b>   |                                 |                                   |
| Expense Payment         | Direct Deposit      | EFT-00150375        | 6/9/2022                    | 153.00                | JOSH HARRINGTON                 | Employee Reimbursement            |
| Cash Advance Payment    | Direct Deposit      | EFT-00150376        | 6/9/2022                    | 160.00                | Jeremy Free                     | Travel Advance                    |
| Expense Payment         | Direct Deposit      | EFT-00150377        | 6/9/2022                    | 16.70                 | Robert Givens                   | Employee Reimbursement            |
| Cash Advance Payment    | Direct Deposit      | EFT-00150378        | 6/9/2022                    | 328.63                | Steven Neal                     | Travel Advance                    |
| Expense Payment         | Direct Deposit      | EFT-00150379        | 6/9/2022                    | 125.00                | Margaret Leedom                 | Employee Reimbursement            |
| Cash Advance Payment    | Direct Deposit      | EFT-00150380        | 6/9/2022                    | 241.50                | Kady Bieber                     | Travel Advance                    |
| Expense Payment         | Direct Deposit      | EFT-00150381        | 6/9/2022                    | 35.00                 | Jacob Britt                     | Employee Reimbursement            |
| Cash Advance Payment    | Direct Deposit      | EFT-00150382        | 6/9/2022                    | 197.50                | Jamie Haske                     | Travel Advance                    |
| Expense Payment         | Direct Deposit      | EFT-00150383        | 6/9/2022                    | 150.00                | Frank Dick                      | Employee Reimbursement            |
| Cash Advance Payment    | Direct Deposit      | EFT-00150384        | 6/9/2022                    | 521.50                | Steve Savage                    | Travel Advance                    |
| Expense Payment         | Direct Deposit      | EFT-00150385        | 6/9/2022                    | 34.75                 | Justin Box                      | Employee Reimbursement            |
| Expense Payment         | Direct Deposit      | EFT-00150386        | 6/9/2022                    | 436.21                | Michelle Henry                  | Employee Reimbursement            |
| Expense Payment         | Direct Deposit      | EFT-00150387        | 6/9/2022                    | 15.00                 | Dustin Nicholson                | Employee Reimbursement            |
| Expense Payment         | Direct Deposit      | EFT-00150388        | 6/9/2022                    | 505.78                | Kelsey Sanfilippo               | Employee Reimbursement            |
| Expense Payment         | Direct Deposit      | EFT-00150389        | 6/9/2022                    | 264.21                | Raymond Housz                   | Employee Reimbursement            |
| Expense Payment         | Direct Deposit      | EFT-00150390        | 6/9/2022                    | 225.00                | Jason Oldham                    | Employee Reimbursement            |
| Expense Payment         | Direct Deposit      | EFT-00150391        | 6/9/2022                    | 319.24                | Anne McEnerny-Ogle              | Employee Reimbursement            |
| Expense Payment         | Direct Deposit      | EFT-00150472        | 6/16/2022                   | 225.00                | Anthony Collins                 | Employee Reimbursement            |
| Expense Payment         | Direct Deposit      | EFT-00150473        | 6/16/2022                   | 30.00                 | Tyler Chavers                   | Employee Reimbursement            |
| Expense Payment         | Direct Deposit      | EFT-00150474        | 6/16/2022                   | 6.51                  | Suzanne Hebert                  | Employee Reimbursement            |
| Expense Payment         | Direct Deposit      | EFT-00150475        | 6/16/2022                   | 103.08                | Joseph Yela                     | Employee Reimbursement            |
| Expense Payment         | Direct Deposit      | EFT-00150476        | 6/16/2022                   | 392.98                | Dan Lloyd                       | Employee Reimbursement            |
| Expense Payment         | Direct Deposit      | EFT-00150477        | 6/16/2022                   | 342.30                | John Collum                     | Employee Reimbursement            |
| Expense Payment         | Direct Deposit      | EFT-00150478        | 6/16/2022                   | 200.71                | Jon Morgan                      | Employee Reimbursement            |
| Expense Payment         | Direct Deposit      | EFT-00150479        | 6/16/2022                   | 55.34                 | Jordan Macfarlane               | Employee Reimbursement            |
|                         |                     |                     | <b>Direct Deposit Total</b> | <b>5,084.94</b>       |                                 |                                   |
| Supplier Payment        | Check               | 3512                | 6/8/2022                    | 362.00                | Accurate Corporate Services Inc |                                   |
| Supplier Payment        | Check               | 3513                | 6/8/2022                    | 156.62                | Airgas, Inc                     |                                   |

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|-------------------------|---------------------|---------------------|---------------------|-----------------------|------------------------------------------------------------------------------|-----------------------------------|
| Supplier Payment        | Check               | 3514                | 6/8/2022            | 1,618.75              | AKS Engineering & Forestry LLC                                               |                                   |
| Supplier Payment        | Check               | 3515                | 6/8/2022            | 628.86                | Albina Holdings Inc                                                          |                                   |
| Supplier Payment        | Check               | 3516                | 6/8/2022            | 1,005.46              | A-Line Asphalt Maintenance Inc                                               |                                   |
| Supplier Payment        | Check               | 3517                | 6/8/2022            | 798.00                | Allegheny Answering Services                                                 |                                   |
| Supplier Payment        | Check               | 3518                | 6/8/2022            | 204.00                | American Sani-Can                                                            |                                   |
| Supplier Payment        | Check               | 3519                | 6/8/2022            | 142.78                | Aramark Uniform & Career Apparel LLC - Remit-To: Aramark - Pasadena          |                                   |
| Supplier Payment        | Check               | 3520                | 6/8/2022            | 2,994.60              | Arborscape Ltd Inc                                                           |                                   |
| Supplier Payment        | Check               | 3521                | 6/8/2022            | 1,647.03              | Bacon Collision                                                              |                                   |
| Supplier Payment        | Check               | 3522                | 6/8/2022            | 6,760.94              | Blackline Consulting                                                         |                                   |
| Supplier Payment        | Check               | 3523                | 6/8/2022            | 510.48                | Bound Tree Medical LLC                                                       |                                   |
| Supplier Payment        | Check               | 3524                | 6/8/2022            | 2,640.88              | BSK Associates - Remit-To: Supplier BSK Associates                           |                                   |
| Supplier Payment        | Check               | 3525                | 6/8/2022            | 11,650.00             | Cascade Inn                                                                  |                                   |
| Supplier Payment        | Check               | 3526                | 6/8/2022            | 11,904.08             | CECO Inc                                                                     |                                   |
| Supplier Payment        | Check               | 3527                | 6/8/2022            | 1,365.11              | Cellco Partnership - Remit-To: Cellco - Dallas                               |                                   |
| Supplier Payment        | Check               | 3528                | 6/8/2022            | 750.00                | Chanmi Development LLC                                                       |                                   |
| Supplier Payment        | Check               | 3529                | 6/8/2022            | 4,610.47              | Chicago Title Company of WA                                                  |                                   |
| Supplier Payment        | Check               | 3530                | 6/8/2022            | 517.00                | City of Vancouver - Remit-To: COV Main                                       |                                   |
| Supplier Payment        | Check               | 3531                | 6/8/2022            | 375.00                | Clark County Fire District 5                                                 |                                   |
| Supplier Payment        | Check               | 3532                | 6/8/2022            | 109,668.63            | Clark County - Remit-To: Clark County - Treasurer Vancouver                  |                                   |
| Supplier Payment        | Check               | 3533                | 6/8/2022            | 10.00                 | Clark County - Remit-To: Reeta Fees                                          |                                   |
| Supplier Payment        | Check               | 3534                | 6/8/2022            | 10.00                 | Clark County - Remit-To: Reeta Fees                                          |                                   |
| Supplier Payment        | Check               | 3535                | 6/8/2022            | 3,258.62              | Clark Public Utility District No. 1                                          |                                   |
| Supplier Payment        | Check               | 3536                | 6/8/2022            | 35,989.50             | Columbia Resource Company                                                    |                                   |
| Supplier Payment        | Check               | 3537                | 6/8/2022            | 32.88                 | Comcast Holdings Corporation - Remit-To: Comcast Business - City of Industry |                                   |
| Supplier Payment        | Check               | 3538                | 6/8/2022            | 24.84                 | Comcast Holdings Corporation - Remit-To: Comcast Business - City of Industry |                                   |
| Supplier Payment        | Check               | 3539                | 6/8/2022            | 3,361.30              | CyberSource Corporation - Remit-To: CyberSource - Los Angeles                |                                   |
| Supplier Payment        | Check               | 3540                | 6/8/2022            | 79,239.00             | Dan's Tractor Inc                                                            |                                   |
| Supplier Payment        | Check               | 3541                | 6/8/2022            | 84,301.78             | Dell Marketing LP                                                            |                                   |
| Supplier Payment        | Check               | 3542                | 6/8/2022            | 10,027.82             | Distinctive Landscape LLC                                                    |                                   |
| Supplier Payment        | Check               | 3543                | 6/8/2022            | 4,563.47              | Envirolssues Inc                                                             |                                   |
| Supplier Payment        | Check               | 3544                | 6/8/2022            | 315.00                | Evergreen School District 114                                                |                                   |
| Supplier Payment        | Check               | 3545                | 6/8/2022            | 56.42                 | Experian Marketing Solutions - Remit-To: Experian Los Angeles                |                                   |
| Supplier Payment        | Check               | 3546                | 6/8/2022            | 8,749.44              | Ferguson Enterprises - Remit-To: Ferguson - Dallas                           |                                   |
| Supplier Payment        | Check               | 3547                | 6/8/2022            | 3,821.82              | General Networks Corp                                                        |                                   |
| Supplier Payment        | Check               | 3548                | 6/8/2022            | 12,264.84             | General Pacific Inc                                                          |                                   |
| Supplier Payment        | Check               | 3549                | 6/8/2022            | 8,400.00              | Genuine Senior Living                                                        |                                   |
| Supplier Payment        | Check               | 3550                | 6/8/2022            | 165,529.34            | Halbert Construction Services LLC                                            |                                   |
| Supplier Payment        | Check               | 3551                | 6/8/2022            | 1,605.75              | Harper Houf Peterson Righellis Inc                                           |                                   |
| Supplier Payment        | Check               | 3552                | 6/8/2022            | 3,222.89              | HMI Oregon - Remit-To: Pacific WRO                                           |                                   |
| Supplier Payment        | Check               | 3553                | 6/8/2022            | 1,251.88              | Iron Mountain Inc - Remit-To: Iron Mountain - New York                       |                                   |
| Supplier Payment        | Check               | 3554                | 6/8/2022            | 218.01                | J-2 Blueprint Supply Co.                                                     |                                   |
| Supplier Payment        | Check               | 3555                | 6/8/2022            | 3,614.17              | KBT Distributing LLC                                                         |                                   |
| Supplier Payment        | Check               | 3556                | 6/8/2022            | 3,172.50              | Kramer Gehlen & Associates                                                   |                                   |

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|-------------------------|---------------------|---------------------|---------------------|-----------------------|-------------------------------------------------------------------------------------|-----------------------------------|
| Supplier Payment        | Check               | 3557                | 6/8/2022            | 15,549.14             | Locution Sytems Inc                                                                 |                                   |
| Supplier Payment        | Check               | 3558                | 6/8/2022            | 7,551.61              | Mackenzie Engineering Inc                                                           |                                   |
| Supplier Payment        | Check               | 3559                | 6/8/2022            | 1,843.48              | Mallory Safety & Supply LLC                                                         |                                   |
| Supplier Payment        | Check               | 3560                | 6/8/2022            | 303.81                | Mark IV Enterprises Inc                                                             |                                   |
| Supplier Payment        | Check               | 3561                | 6/8/2022            | 161,111.00            | Mark Rite Lines Equipment Co Inc.                                                   |                                   |
| Supplier Payment        | Check               | 3562                | 6/8/2022            | 2,377.96              | Mascott Equipment Co                                                                |                                   |
| Supplier Payment        | Check               | 3563                | 6/8/2022            | 3,800.00              | Michael McCulloch Architecture LLC                                                  |                                   |
| Supplier Payment        | Check               | 3564                | 6/8/2022            | 3,271.76              | Mobes Business Forms                                                                |                                   |
| Supplier Payment        | Check               | 3565                | 6/8/2022            | 2,132.68              | Municipal Emergency Services Inc - Remit-To: Municipal Emergency Services - Chicago |                                   |
| Supplier Payment        | Check               | 3566                | 6/8/2022            | 2,450.00              | Northwest Environmental Training Center                                             |                                   |
| Supplier Payment        | Check               | 3567                | 6/8/2022            | 11,400.05             | Northwest Natural Gas Company - Remit-To: NW Natural - Portland                     |                                   |
| Supplier Payment        | Check               | 3568                | 6/8/2022            | 13,044.27             | Northwest Staffing Resources Inc - Remit-To: NW Staffing - Portland                 |                                   |
| Supplier Payment        | Check               | 3569                | 6/8/2022            | 1,908.88              | One Call Concepts Inc                                                               |                                   |
| Supplier Payment        | Check               | 3570                | 6/8/2022            | 3,475.26              | Pallet SPC                                                                          |                                   |
| Supplier Payment        | Check               | 3571                | 6/8/2022            | 17,864.78             | Parametrix, Inc                                                                     |                                   |
| Supplier Payment        | Check               | 3572                | 6/8/2022            | 7,168.09              | PBS Engineering and Environmental Inc                                               |                                   |
| Supplier Payment        | Check               | 3573                | 6/8/2022            | 100.00                | PDH Creative                                                                        |                                   |
| Supplier Payment        | Check               | 3574                | 6/8/2022            | 5,566.27              | Pen-Link Ltd                                                                        |                                   |
| Supplier Payment        | Check               | 3575                | 6/8/2022            | 8,347.44              | Physio-Control Inc - Remit-To: Stryker Medical                                      |                                   |
| Supplier Payment        | Check               | 3576                | 6/8/2022            | 670.00                | Porter W Yett Company                                                               |                                   |
| Supplier Payment        | Check               | 3577                | 6/8/2022            | 2,372.49              | Portland Adventist Medical Center                                                   |                                   |
| Supplier Payment        | Check               | 3578                | 6/8/2022            | 5,064.21              | Portland State University - Community Environmental Services                        |                                   |
| Supplier Payment        | Check               | 3579                | 6/8/2022            | 40,862.25             | PPC Solutions Inc                                                                   |                                   |
| Supplier Payment        | Check               | 3580                | 6/8/2022            | 134.75                | Quick Caption Inc                                                                   |                                   |
| Supplier Payment        | Check               | 3581                | 6/8/2022            | 6,133.17              | Retail Lockbox Inc                                                                  |                                   |
| Supplier Payment        | Check               | 3582                | 6/8/2022            | 7,417.14              | RH2 Engineering, Inc.                                                               |                                   |
| Supplier Payment        | Check               | 3583                | 6/8/2022            | 5,000.00              | Right-Way CDL Academy, LLC                                                          |                                   |
| Supplier Payment        | Check               | 3584                | 6/8/2022            | 4,769.60              | SafeFire LLC                                                                        |                                   |
| Supplier Payment        | Check               | 3585                | 6/8/2022            | 7,214.17              | San Diego Police Equipment Co Inc                                                   |                                   |
| Supplier Payment        | Check               | 3586                | 6/8/2022            | 381.66                | Security Contractors Services                                                       |                                   |
| Supplier Payment        | Check               | 3587                | 6/8/2022            | 4,320.00              | Shiels Obletz Johnsen, Inc                                                          |                                   |
| Supplier Payment        | Check               | 3588                | 6/8/2022            | 1,650.00              | Southwest Washington Chapter of ICC                                                 |                                   |
| Supplier Payment        | Check               | 3589                | 6/8/2022            | 4,114.14              | Sporting Systems Vancouver                                                          |                                   |
| Supplier Payment        | Check               | 3590                | 6/8/2022            | 63.03                 | Stericycle Inc                                                                      |                                   |
| Supplier Payment        | Check               | 3591                | 6/8/2022            | 12,508.99             | Summit Law Group                                                                    |                                   |
| Supplier Payment        | Check               | 3592                | 6/8/2022            | 14,905.88             | Sunbelt Controls Inc - Remit-To: Sunbelt Controls - Pasadena                        |                                   |
| Supplier Payment        | Check               | 3593                | 6/8/2022            | 700.00                | Synarchy Science LLC                                                                |                                   |
| Supplier Payment        | Check               | 3594                | 6/8/2022            | 23,119.54             | The Pape Group Inc - Remit-To: Pape Machinery                                       |                                   |
| Supplier Payment        | Check               | 3595                | 6/8/2022            | 16,849.94             | The Salvation Army                                                                  |                                   |
| Supplier Payment        | Check               | 3596                | 6/8/2022            | 12,277.33             | Tierra Right of Way Services LTD                                                    |                                   |
| Supplier Payment        | Check               | 3597                | 6/8/2022            | 968.75                | Timothy Dietz                                                                       |                                   |
| Supplier Payment        | Check               | 3598                | 6/8/2022            | 200.69                | TLC Towing                                                                          |                                   |
| Supplier Payment        | Check               | 3599                | 6/8/2022            | 755.00                | Triangle Resources Inc                                                              |                                   |
| Supplier Payment        | Check               | 3600                | 6/8/2022            | 1,244.24              | Trilogy MedWaste West, LLC                                                          |                                   |
| Supplier Payment        | Check               | 3601                | 6/8/2022            | 2,217.51              | Triple J Enterprises                                                                |                                   |
| Supplier Payment        | Check               | 3602                | 6/8/2022            | 100.94                | United Parcel Service                                                               |                                   |



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|-------------------------|---------------------|---------------------|---------------------|-----------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Supplier Payment        | Check               | 3603                | 6/8/2022            | 512.00                | Vancouver Aire LLC                                                        |                                                                                  |
| Supplier Payment        | Check               | 3604                | 6/8/2022            | 729.00                | Walter E Nelson Company                                                   |                                                                                  |
| Supplier Payment        | Check               | 3605                | 6/8/2022            | 7,319.68              | Wapiti NW LLC                                                             |                                                                                  |
| Supplier Payment        | Check               | 3606                | 6/8/2022            | 26,818.05             | Waste Connections of Washington - Remit-To: Waste Connections - Vancouver |                                                                                  |
| Supplier Payment        | Check               | 3607                | 6/8/2022            | 3,710.00              | Water Systems Consulting Inc                                              |                                                                                  |
| Supplier Payment        | Check               | 3608                | 6/8/2022            | 1,220.65              | Wex Bank                                                                  |                                                                                  |
| Supplier Payment        | Check               | 3609                | 6/8/2022            | 200.00                | Willis Towers Watson Insurance Services West inc                          |                                                                                  |
| Supplier Payment        | Check               | 3610                | 6/8/2022            | 7,893.28              | WSP USA Inc. - Remit-To: WSP USA Inc. Dallas                              |                                                                                  |
| Supplier Payment        | Check               | 3611                | 6/8/2022            | 112.01                | XPO Logistics Enterprise Services, Inc - Remit-To: XPO - Portland         |                                                                                  |
| Supplier Payment        | Check               | 3612                | 6/8/2022            | 1,851.32              | YOLO Washington LLC                                                       |                                                                                  |
| Ad Hoc Payment          | Check               | 3614                | 6/8/2022            | 100.00                | 912 NE 130th Cir LLC                                                      | Utility Refunds: 0045005158-07                                                   |
| Ad Hoc Payment          | Check               | 3615                | 6/8/2022            | 105.00                | Alexandru Cebanu or Petru Crucian                                         | Utility Refunds: 0048041208-10 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3616                | 6/8/2022            | 200.00                | Amber Peterson                                                            | 220608 Treefund                                                                  |
| Ad Hoc Payment          | Check               | 3617                | 6/8/2022            | 50.00                 | Amy Campbell                                                              | 220608 Treefund                                                                  |
| Ad Hoc Payment          | Check               | 3618                | 6/8/2022            | 71.00                 | Andrew Rockwell                                                           | CMI-286226 refund                                                                |
| Ad Hoc Payment          | Check               | 3619                | 6/8/2022            | 269.00                | Avana Evergreen                                                           | CIVICGOV inv 77037403, 77038244 & 77038991                                       |
| Ad Hoc Payment          | Check               | 3620                | 6/8/2022            | 450.00                | Bader Beer & Wine Supply LLC                                              | Bus Lic fees ref COVID-19 surch ref prog                                         |
| Ad Hoc Payment          | Check               | 3621                | 6/8/2022            | 477.00                | Barbara Schoorl and Eddie Linder Fam Trust                                | Utility Refunds: 0118000112-04                                                   |
| Ad Hoc Payment          | Check               | 3622                | 6/8/2022            | 166.95                | Bates,Patricia or Edward                                                  | Utility Refunds: 0018061200-09                                                   |
| Ad Hoc Payment          | Check               | 3623                | 6/8/2022            | 168.07                | Bedlion,Joseph or Tammy                                                   | Utility Refunds: 0067048100-01                                                   |
| Ad Hoc Payment          | Check               | 3624                | 6/8/2022            | 84.33                 | Beresh,Raphael                                                            | Utility Refunds: 0068074300-04                                                   |
| Ad Hoc Payment          | Check               | 3625                | 6/8/2022            | 256.74                | Big Eyes                                                                  | Utility Refunds: 0066064700-02 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3626                | 6/8/2022            | 24.05                 | Bome,Chris                                                                | Utility Refunds: 0044002400-12                                                   |
| Ad Hoc Payment          | Check               | 3627                | 6/8/2022            | 630.00                | Brian Carter Cellars LLC                                                  | Bus Lice Fees ref COVID-19 surch ref prog                                        |
| Ad Hoc Payment          | Check               | 3628                | 6/8/2022            | 20.00                 | Bryan / Lisa Pierce                                                       | Refund Alarm Billing Acct 17034 Inv 99440405                                     |
| Ad Hoc Payment          | Check               | 3629                | 6/8/2022            | 98.32                 | Bugg,David                                                                | Utility Refunds: 0044000204-03                                                   |
| Ad Hoc Payment          | Check               | 3630                | 6/8/2022            | 51.27                 | Case,Joyce or Ryan                                                        | Utility Refunds: 0500002924-02                                                   |
| Ad Hoc Payment          | Check               | 3631                | 6/8/2022            | 56.80                 | Castrillo,Alexis or Tomomi                                                | Utility Refunds: 0063001218-06                                                   |
| Ad Hoc Payment          | Check               | 3632                | 6/8/2022            | 54.84                 | Catrow,Henry C or Sandra R                                                | Utility Refunds: 0099090506-09                                                   |
| Ad Hoc Payment          | Check               | 3633                | 6/8/2022            | 23.66                 | Collins,Lenora                                                            | Utility Refunds: 0056046007-21                                                   |
| Ad Hoc Payment          | Check               | 3634                | 6/8/2022            | 70.02                 | Craft Cannabis                                                            | Utility Refunds: 0066064700-02 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3635                | 6/8/2022            | 728.04                | Cranny,Adriene                                                            | Utility Refunds: 0002000111-02                                                   |
| Ad Hoc Payment          | Check               | 3636                | 6/8/2022            | 200.00                | Custom Framing                                                            | Refund Citation 7202603457                                                       |
| Ad Hoc Payment          | Check               | 3637                | 6/8/2022            | 115.14                | Delbert Ross                                                              | Utility Refunds: 0009090500-01                                                   |
| Ad Hoc Payment          | Check               | 3638                | 6/8/2022            | 212.28                | Denis,Eugene or Judith                                                    | Utility Refunds: 0056023700-02                                                   |
| Ad Hoc Payment          | Check               | 3639                | 6/8/2022            | 307.05                | Diana Long                                                                | Utility Refunds: 0000006716-03 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3640                | 6/8/2022            | 132.73                | Dirocco,Valerie                                                           | Utility Refunds: 0121001464-05                                                   |
| Ad Hoc Payment          | Check               | 3641                | 6/8/2022            | 111.00                | Doyle,Kevin                                                               | Utility Refunds: 0048044716-01 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3642                | 6/8/2022            | 40.29                 | Ebner,David or Donna                                                      | Utility Refunds: 0043072600-02                                                   |
| Ad Hoc Payment          | Check               | 3643                | 6/8/2022            | 125.08                | Eckert,Lavon                                                              | Utility Refunds: 0058001122-09                                                   |
| Ad Hoc Payment          | Check               | 3644                | 6/8/2022            | 84.00                 | Edward Jones                                                              | CIVICGOV inv 77041317 cust 766973 orpymt                                         |
| Ad Hoc Payment          | Check               | 3645                | 6/8/2022            | 66.59                 | Estate of James D Newfield                                                | Utility Refunds: 0044095700-01                                                   |
| Ad Hoc Payment          | Check               | 3646                | 6/8/2022            | 20.00                 | Evergreen Baptist Church                                                  | Alarm billing ovpymt acct 14558 inv 99477212                                     |

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|-------------------------|---------------------|---------------------|---------------------|-----------------------|----------------------------------------------------|----------------------------------------------------------------------------------|
| Ad Hoc Payment          | Check               | 3647                | 6/8/2022            | 86.84                 | Graham,Lea or Darrin                               | Utility Refunds: 0112093024-05                                                   |
| Ad Hoc Payment          | Check               | 3648                | 6/8/2022            | 34.24                 | Guillermo Basalo or Henriette Pauchet              | Utility Refunds: 0063811000-03                                                   |
| Ad Hoc Payment          | Check               | 3649                | 6/8/2022            | 96.37                 | Hanley,Helen                                       | Utility Refunds: 0048012700-00                                                   |
| Ad Hoc Payment          | Check               | 3650                | 6/8/2022            | 131.55                | Hansberry,Steven or Katherine                      | Utility Refunds: 0088080000-02                                                   |
| Ad Hoc Payment          | Check               | 3651                | 6/8/2022            | 148.93                | Hobbs,Anthony or Rachel                            | Utility Refunds: 0044094300-05                                                   |
| Ad Hoc Payment          | Check               | 3652                | 6/8/2022            | 388.00                | Jacob Weis                                         | Activity Refund                                                                  |
| Ad Hoc Payment          | Check               | 3653                | 6/8/2022            | 61.47                 | James Dryden                                       | MPE-317236                                                                       |
| Ad Hoc Payment          | Check               | 3654                | 6/8/2022            | 61.47                 | James Dryden                                       | MPE-317234                                                                       |
| Ad Hoc Payment          | Check               | 3655                | 6/8/2022            | 56.49                 | Jeffrey and Carol Lewis Trustees                   | Utility Refunds: 0073004048-03                                                   |
| Ad Hoc Payment          | Check               | 3656                | 6/8/2022            | 392.26                | Jet Industries Inc                                 | MPE-309437                                                                       |
| Ad Hoc Payment          | Check               | 3657                | 6/8/2022            | 392.26                | Jet Industries Inc                                 | MPE-309436                                                                       |
| Ad Hoc Payment          | Check               | 3658                | 6/8/2022            | 71.95                 | John Oshea or Kelsey Combs                         | Utility Refunds: 0049083647-09                                                   |
| Ad Hoc Payment          | Check               | 3659                | 6/8/2022            | 146.00                | Juan or Robert Guzman or Amanda G Rodriguez        | Utility Refunds: 0020015400-11                                                   |
| Ad Hoc Payment          | Check               | 3660                | 6/8/2022            | 100.00                | Kristin Zuba                                       | 220608 Treefund                                                                  |
| Ad Hoc Payment          | Check               | 3661                | 6/8/2022            | 53.00                 | Krupa,Magi                                         | Utility Refunds: 0138002118-03                                                   |
| Ad Hoc Payment          | Check               | 3662                | 6/8/2022            | 69.24                 | Kunkel,Diane or Michael                            | Utility Refunds: 0038050100-02                                                   |
| Ad Hoc Payment          | Check               | 3663                | 6/8/2022            | 268.31                | Larry Thompson II or Tracy Thompson                | Utility Refunds: 0053009400-02 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3664                | 6/8/2022            | 50,000.00             | Ledger Law Firm in Trust For Barbara Daley-Burnett | Claim Payment - DOL: 07/05/19 - Risk                                             |
| Ad Hoc Payment          | Check               | 3665                | 6/8/2022            | 72.06                 | Lee,Lynda J                                        | Utility Refunds: 0129002602-02                                                   |
| Ad Hoc Payment          | Check               | 3666                | 6/8/2022            | 31.95                 | LGI Homes Group LLC                                | Utility Refunds: 0500004879-01                                                   |
| Ad Hoc Payment          | Check               | 3667                | 6/8/2022            | 70.71                 | LGI Homes Group LLC                                | Utility Refunds: 0500004879-01 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3668                | 6/8/2022            | 1,620.00              | Liebre LLC                                         | Bus Lic Fees Ref COVID-19 surch ref prog                                         |
| Ad Hoc Payment          | Check               | 3669                | 6/8/2022            | 407.24                | Linder,Ed                                          | Utility Refunds: 0118000112-04 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3670                | 6/8/2022            | 630.00                | Loowit Brewing Company LLC                         | Bus Lic Fees ref COVID-19 Surch ref prog                                         |
| Ad Hoc Payment          | Check               | 3671                | 6/8/2022            | 74.09                 | Marcus Ferguson                                    | RES-319860                                                                       |
| Ad Hoc Payment          | Check               | 3672                | 6/8/2022            | 161.42                | Mark Zimmerman or Deborah Woodcock                 | Utility Refunds: 0131027004-02                                                   |
| Ad Hoc Payment          | Check               | 3673                | 6/8/2022            | 222.00                | Martin,Bonnie or David                             | Utility Refunds: 0057010700-07 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3674                | 6/8/2022            | 52.54                 | McLeskey,Kristina or Roger                         | Utility Refunds: 0053074600-16                                                   |
| Ad Hoc Payment          | Check               | 3675                | 6/8/2022            | 500.00                | Nelida Cortes Mendez                               | Damage Deposit Refund                                                            |
| Ad Hoc Payment          | Check               | 3676                | 6/8/2022            | 81.45                 | Olson,Patrick                                      | Utility Refunds: 0045054513-01 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3677                | 6/8/2022            | 70.05                 | Paulson,Daniel                                     | Utility Refunds: 0061061716-03                                                   |
| Ad Hoc Payment          | Check               | 3678                | 6/8/2022            | 120.00                | PCS                                                | Alarms billing CHARLIE'S SPORTS BAR AND GRILL acct 16937 inv 99466132 & 99470557 |
| Ad Hoc Payment          | Check               | 3679                | 6/8/2022            | 160.74                | Pedro,Beth                                         | Utility Refunds: 0039021208-03                                                   |
| Ad Hoc Payment          | Check               | 3680                | 6/8/2022            | 101.00                | Pislaru,Dorin                                      | Utility Refunds: 0000001222-04                                                   |
| Ad Hoc Payment          | Check               | 3681                | 6/8/2022            | 22.16                 | Price,Maxine                                       | Utility Refunds: 0165000790-05                                                   |
| Ad Hoc Payment          | Check               | 3682                | 6/8/2022            | 328.89                | Pugh,Tara                                          | Utility Refunds: 0079087800-05                                                   |
| Ad Hoc Payment          | Check               | 3683                | 6/8/2022            | 486.85                | Rabago,Anthony or Arlene                           | Utility Refunds: 0119021010-01                                                   |
| Ad Hoc Payment          | Check               | 3684                | 6/8/2022            | 20.00                 | Richard/Nancy Ruland                               | refund ovepmt alarm                                                              |
| Ad Hoc Payment          | Check               | 3685                | 6/8/2022            | 42.56                 | Rodrigo Morales or Prescila Vierck                 | Utility Refunds: 0108010354-08                                                   |
| Ad Hoc Payment          | Check               | 3686                | 6/8/2022            | 110.86                | Romo LLC                                           | Utility Refunds: 0062000324-06                                                   |
| Ad Hoc Payment          | Check               | 3687                | 6/8/2022            | 111.97                | Rose,Ryan                                          | Utility Refunds: 0500002324-02                                                   |
| Ad Hoc Payment          | Check               | 3688                | 6/8/2022            | 160.00                | Ross Dress For Less #147                           | refund overpmt alarm                                                             |
| Ad Hoc Payment          | Check               | 3689                | 6/8/2022            | 40.23                 | Roxanna Gonzalez or Ingrid Gomez                   | Utility Refunds: 0044077400-03                                                   |
| Ad Hoc Payment          | Check               | 3690                | 6/8/2022            | 105.00                | Ruhland Wines Wa LLC                               | Bus Lic Fees Ref COVID-19 surch ref prog                                         |

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|-------------------------|---------------------|---------------------|---------------------|-----------------------|----------------------------------------------------|----------------------------------------------------------------------------------|
| Ad Hoc Payment          | Check               | 3691                | 6/8/2022            | 128.00                | SAM TRIEBS                                         | VOUCHER 2008059.030                                                              |
| Ad Hoc Payment          | Check               | 3692                | 6/8/2022            | 206.63                | Schlecht,Aaron and Rebekah                         | Utility Refunds: 0012065710-02                                                   |
| Ad Hoc Payment          | Check               | 3693                | 6/8/2022            | 172.00                | Senecal,Paul or Lachelle                           | Utility Refunds: 0047098017-03 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3694                | 6/8/2022            | 200.00                | Shutenikov,Aleksey or Vera                         | Utility Refunds: 0045028767-15 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3695                | 6/8/2022            | 276.04                | Siemens Industry Inc                               | FRI-291308 refund                                                                |
| Ad Hoc Payment          | Check               | 3696                | 6/8/2022            | 63.99                 | Slagle,Anthony J                                   | Utility Refunds: 0017002700-04                                                   |
| Ad Hoc Payment          | Check               | 3697                | 6/8/2022            | 83.00                 | Smith,Rachel or Thomas                             | Utility Refunds: 0039025700-05                                                   |
| Ad Hoc Payment          | Check               | 3698                | 6/8/2022            | 132.00                | SPH Property One LLC                               | Utility Refunds: 0047031136-17 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3699                | 6/8/2022            | 100.00                | Stacey Conroy                                      | 220608 Treefund                                                                  |
| Ad Hoc Payment          | Check               | 3700                | 6/8/2022            | 851.00                | Stephanie Porter                                   | Activity Cancellation Refund                                                     |
| Ad Hoc Payment          | Check               | 3701                | 6/8/2022            | 450.00                | Taqueria Los Alambres, LLC                         | Bus Lic Fees ref COVID-19 surch ref prog                                         |
| Ad Hoc Payment          | Check               | 3702                | 6/8/2022            | 5,453.40              | THE CEI Group, Inc                                 | Claim Payment - DOL: 02/20/22 - Risk                                             |
| Ad Hoc Payment          | Check               | 3703                | 6/8/2022            | 125.22                | Tho Le or Ngoc Tran                                | Utility Refunds: 0061059100-03                                                   |
| Ad Hoc Payment          | Check               | 3704                | 6/8/2022            | 81.64                 | Tselinskiy,Georgiy or Lidiya                       | Utility Refunds: 0061092605-01                                                   |
| Ad Hoc Payment          | Check               | 3705                | 6/8/2022            | 71.00                 | VIP GENERAL CONTRACTING INC                        | RES-291735                                                                       |
| Ad Hoc Payment          | Check               | 3706                | 6/8/2022            | 409.13                | Walsh,Brandon                                      | Utility Refunds: 0067020492-14 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3707                | 6/8/2022            | 88.00                 | Wild,Evelyn                                        | Utility Refunds: 0117050098-02 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3708                | 6/8/2022            | 32.67                 | Williams,Christopher and Clara                     | Utility Refunds: 0065025761-10                                                   |
| Ad Hoc Payment          | Check               | 3709                | 6/8/2022            | 51.00                 | Wong,David                                         | Utility Refunds: 0060074200-14                                                   |
| Ad Hoc Payment          | Check               | 3710                | 6/8/2022            | 76.19                 | Woodfin,Rebekah and Charles                        | Utility Refunds: 0045019308-05                                                   |
| Ad Hoc Payment          | Check               | 3711                | 6/8/2022            | 57.00                 | Woody's Tacos                                      | CIVICGOV inv 77040528 cust 109914 dup paid                                       |
| Ad Hoc Payment          | Check               | 3712                | 6/8/2022            | 125.00                | Zillow Group                                       | Utility Refunds: 0045027162-05                                                   |
| Ad Hoc Payment          | Check               | 3713                | 6/8/2022            | 88.80                 | Zillow Group                                       | Utility Refunds: 0115001410-06 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3714                | 6/8/2022            | 79.08                 | Zillow Group                                       | Utility Refunds: 0125002390-09                                                   |
| Ad Hoc Payment          | Check               | 3715                | 6/8/2022            | 24.29                 | Zillow Homes                                       | Utility Refunds: 0138001626-04                                                   |
| Ad Hoc Payment          | Check               | 3716                | 6/8/2022            | 120.82                | Zillow Homes Property Trust                        | Utility Refunds: 0064037830-05                                                   |
| Ad Hoc Payment          | Check               | 3717                | 6/8/2022            | 191.74                | Zillow Homes Property Trust                        | Utility Refunds: 0029012809-08                                                   |
| Ad Hoc Payment          | Check               | 3718                | 6/8/2022            | 77.62                 | Zillow Homes Property Trust                        | Utility Refunds: 0080066700-21                                                   |
| Ad Hoc Payment          | Check               | 3719                | 6/8/2022            | 253.00                | Zubanov,Yuriy or Smezhana                          | Utility Refunds: 0045654070-02                                                   |
| Supplier Payment        | Check               | 3720                | 6/10/2022           | 7,421.45              | Aflac                                              |                                                                                  |
| Supplier Payment        | Check               | 3721                | 6/10/2022           | 4,843.86              | AFSCME Local #307                                  |                                                                                  |
| Supplier Payment        | Check               | 3722                | 6/10/2022           | 700.00                | IAM Local #1374                                    |                                                                                  |
| Supplier Payment        | Check               | 3723                | 6/10/2022           | 8,645.38              | Life Insurance Company of North America            |                                                                                  |
| Supplier Payment        | Check               | 3724                | 6/10/2022           | 500.00                | MFS Service Center Inc                             |                                                                                  |
| Supplier Payment        | Check               | 3725                | 6/10/2022           | 4,026.06              | OPEIU Local #11                                    |                                                                                  |
| Supplier Payment        | Check               | 3726                | 6/10/2022           | 704.00                | Teamsters Local #58                                |                                                                                  |
| Supplier Payment        | Check               | 3727                | 6/10/2022           | 628.46                | U.S. Department of Treasury                        |                                                                                  |
| Supplier Payment        | Check               | 3728                | 6/10/2022           | 297.50                | UA Local #290                                      |                                                                                  |
| Supplier Payment        | Check               | 3729                | 6/10/2022           | 3,651.00              | Western Conference of Teamsters                    |                                                                                  |
| Supplier Payment        | Check               | 3730                | 6/10/2022           | 1,123.32              | Western Metal Industry Pension Plan                |                                                                                  |
| Supplier Payment        | Check               | 3731                | 6/15/2022           | 37,932.75             | Able Fence Company Inc                             |                                                                                  |
| Supplier Payment        | Check               | 3732                | 6/15/2022           | 410.18                | A-Check America Inc - Remit-To: A-Check - Glendale |                                                                                  |
| Supplier Payment        | Check               | 3733                | 6/15/2022           | 37.60                 | Airgas, Inc                                        |                                                                                  |
| Supplier Payment        | Check               | 3734                | 6/15/2022           | 27,000.00             | American Electrical Construction LLC               |                                                                                  |

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|-------------------------|---------------------|---------------------|---------------------|-----------------------|-------------------------------------------------------------------------------|-----------------------------------|
| Supplier Payment        | Check               | 3735                | 6/15/2022           | 142.78                | Aramark Uniform & Career Apparel LLC - Remit-To: Aramark - Pasadena           |                                   |
| Supplier Payment        | Check               | 3736                | 6/15/2022           | 1,546.14              | Arborscape Ltd Inc                                                            |                                   |
| Supplier Payment        | Check               | 3737                | 6/15/2022           | 2,494.72              | Bacon Collision                                                               |                                   |
| Supplier Payment        | Check               | 3738                | 6/15/2022           | 8,184.17              | Ballard Marine Construction LLC                                               |                                   |
| Supplier Payment        | Check               | 3739                | 6/15/2022           | 7,051.74              | BHC Consultants LLC                                                           |                                   |
| Supplier Payment        | Check               | 3740                | 6/15/2022           | 233.83                | Bound Tree Medical LLC                                                        |                                   |
| Supplier Payment        | Check               | 3741                | 6/15/2022           | 217.50                | CBG Communications Inc                                                        |                                   |
| Supplier Payment        | Check               | 3742                | 6/15/2022           | 25,113.30             | CECO Inc                                                                      |                                   |
| Supplier Payment        | Check               | 3743                | 6/15/2022           | 170.00                | Cellco Partnership - Remit-To: Cellco - NJ                                    |                                   |
| Supplier Payment        | Check               | 3744                | 6/15/2022           | 5,000.00              | CFM Strategic Communications, Inc.                                            |                                   |
| Supplier Payment        | Check               | 3745                | 6/15/2022           | 77.00                 | City of Vancouver - Remit-To: COV Main                                        |                                   |
| Supplier Payment        | Check               | 3746                | 6/15/2022           | 30,657.24             | Clark County - Remit-To: Clark County - Treasurer Vancouver                   |                                   |
| Supplier Payment        | Check               | 3747                | 6/15/2022           | 281.15                | Clark Public Utility District No. 1                                           |                                   |
| Supplier Payment        | Check               | 3748                | 6/15/2022           | 534.90                | Clark Public Utility District No. 1                                           |                                   |
| Supplier Payment        | Check               | 3749                | 6/15/2022           | 1,627.06              | Clark Public Utility District No. 1                                           |                                   |
| Supplier Payment        | Check               | 3750                | 6/15/2022           | 796.01                | Clark Public Utility District No. 1                                           |                                   |
| Supplier Payment        | Check               | 3751                | 6/15/2022           | 707.87                | Clark Public Utility District No. 1                                           |                                   |
| Supplier Payment        | Check               | 3752                | 6/15/2022           | 33,791.53             | Clary Longview LLC                                                            |                                   |
| Supplier Payment        | Check               | 3753                | 6/15/2022           | 2,909.40              | Columbia Resource Company                                                     |                                   |
| Supplier Payment        | Check               | 3754                | 6/15/2022           | 245.11                | Comcast Holdings Corporation - Remit-To: Comcast Business - City of Industry  |                                   |
| Supplier Payment        | Check               | 3755                | 6/15/2022           | 113.55                | Comcast Holdings Corporation - Remit-To: Comcast Business - City of Industry  |                                   |
| Supplier Payment        | Check               | 3756                | 6/15/2022           | 118.55                | Comcast Holdings Corporation - Remit-To: Comcast Business - City of Industry  |                                   |
| Supplier Payment        | Check               | 3757                | 6/15/2022           | 151.11                | Comcast Holdings Corporation - Remit-To: Comcast Business - City of Industry  |                                   |
| Supplier Payment        | Check               | 3758                | 6/15/2022           | 193.29                | Comcast Holdings Corporation - Remit-To: Comcast Business - City of Industry  |                                   |
| Supplier Payment        | Check               | 3759                | 6/15/2022           | 108.29                | Comcast Holdings Corporation - Remit-To: Comcast Business - City of Industry  |                                   |
| Supplier Payment        | Check               | 3760                | 6/15/2022           | 116.55                | Comcast Holdings Corporation - Remit-To: Comcast Business - City of Industry  |                                   |
| Supplier Payment        | Check               | 3761                | 6/15/2022           | 35,000.00             | Comcast Holdings Corporation - Remit-To: Comcast Holding Corporation - Boston |                                   |
| Supplier Payment        | Check               | 3762                | 6/15/2022           | 13,894.50             | Comcast Holdings Corporation - Remit-To: Comcast Holding Corporation - Boston |                                   |
| Supplier Payment        | Check               | 3763                | 6/15/2022           | 5,391.00              | Confluence Engineering Group LLC                                              |                                   |
| Supplier Payment        | Check               | 3764                | 6/15/2022           | 390.00                | Crandall Arambula PC                                                          |                                   |
| Supplier Payment        | Check               | 3765                | 6/15/2022           | 81.07                 | CUES Inc - Remit-To: CUES Inc - Cincinnati                                    |                                   |
| Supplier Payment        | Check               | 3766                | 6/15/2022           | 5,344.75              | Distinctive Landscape LLC                                                     |                                   |
| Supplier Payment        | Check               | 3767                | 6/15/2022           | 4,851.87              | DKS Associates Inc                                                            |                                   |
| Supplier Payment        | Check               | 3768                | 6/15/2022           | 750.00                | EMS Technology Solutions LLC                                                  |                                   |
| Supplier Payment        | Check               | 3769                | 6/15/2022           | 25,564.95             | Epic Land Solutions, Inc.                                                     |                                   |
| Supplier Payment        | Check               | 3770                | 6/15/2022           | 222.86                | Eric Atwell                                                                   |                                   |
| Supplier Payment        | Check               | 3771                | 6/15/2022           | 935.00                | Examworks Inc                                                                 |                                   |
| Supplier Payment        | Check               | 3772                | 6/15/2022           | 1,428.91              | Genuine Parts Company - Remit-To: NAPA - Los Angeles                          |                                   |
| Supplier Payment        | Check               | 3773                | 6/15/2022           | 985.44                | Genuine Parts Company - Remit-To: NAPA - Vancouver                            |                                   |
| Supplier Payment        | Check               | 3774                | 6/15/2022           | 3,452.50              | Geographic Technologies Group                                                 |                                   |

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|-------------------------|---------------------|---------------------|---------------------|-----------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------|
| Supplier Payment        | Check               | 3775                | 6/15/2022           | 5,697.50              | GSI Water Solutions, Inc.                                                                           |                                   |
| Supplier Payment        | Check               | 3776                | 6/15/2022           | 11,952.00             | H&H Wood Recyclers                                                                                  |                                   |
| Supplier Payment        | Check               | 3777                | 6/15/2022           | 2,606.84              | Harper Houf Peterson Righellis Inc                                                                  |                                   |
| Supplier Payment        | Check               | 3778                | 6/15/2022           | 14,543.54             | Herrera Environmental Consultants Inc                                                               |                                   |
| Supplier Payment        | Check               | 3779                | 6/15/2022           | 16,903.00             | J.S. Held LLC                                                                                       |                                   |
| Supplier Payment        | Check               | 3780                | 6/15/2022           | 1,464.75              | Jamestown Networks                                                                                  |                                   |
| Supplier Payment        | Check               | 3781                | 6/15/2022           | 77,276.54             | KBT Distributing LLC                                                                                |                                   |
| Supplier Payment        | Check               | 3782                | 6/15/2022           | 250.00                | KPFF Inc.                                                                                           |                                   |
| Supplier Payment        | Check               | 3783                | 6/15/2022           | 1,277.30              | Kurita America Inc - Remit-To: US Water - Minneapolis                                               |                                   |
| Supplier Payment        | Check               | 3784                | 6/15/2022           | 19,132.61             | L.N. Curtis & Sons - Remit-To: Supplier L.N. Curtis & Sons                                          |                                   |
| Supplier Payment        | Check               | 3785                | 6/15/2022           | 12,269.88             | Lakeside Industries Inc - Remit-To: Lakeside - LB Seattle                                           |                                   |
| Supplier Payment        | Check               | 3786                | 6/15/2022           | 2,510.44              | Level 3 Financing, Inc                                                                              |                                   |
| Supplier Payment        | Check               | 3787                | 6/15/2022           | 16,971.72             | Locution Sytems Inc                                                                                 |                                   |
| Supplier Payment        | Check               | 3788                | 6/15/2022           | 3,362.71              | Loomis Armored US LLC - Remit-To: Loomis - Palatine                                                 |                                   |
| Supplier Payment        | Check               | 3789                | 6/15/2022           | 760.22                | Mallory Safety & Supply LLC                                                                         |                                   |
| Supplier Payment        | Check               | 3790                | 6/15/2022           | 750.00                | MaryLou Iverson                                                                                     |                                   |
| Supplier Payment        | Check               | 3791                | 6/15/2022           | 47,912.41             | Maul Foster & Alongi Inc                                                                            |                                   |
| Supplier Payment        | Check               | 3792                | 6/15/2022           | 4,717.13              | McFarlanes Bark Inc                                                                                 |                                   |
| Supplier Payment        | Check               | 3793                | 6/15/2022           | 1,000.00              | Message Gears LLC                                                                                   |                                   |
| Supplier Payment        | Check               | 3794                | 6/15/2022           | 3,676.98              | Murray Smith Inc                                                                                    |                                   |
| Supplier Payment        | Check               | 3795                | 6/15/2022           | 23,076.78             | Nelson Nygaard Consulting Associates Inc - Remit-To: Nelson Nygaard Consulting Associates Inc       |                                   |
| Supplier Payment        | Check               | 3796                | 6/15/2022           | 2,115.75              | North Pacific Construction and Remodeling Inc                                                       |                                   |
| Supplier Payment        | Check               | 3797                | 6/15/2022           | 7,165.11              | Northwest Staffing Resources Inc - Remit-To: NW Staffing - Portland                                 |                                   |
| Supplier Payment        | Check               | 3798                | 6/15/2022           | 5,698.36              | Passport Labs Inc. - Remit-To: Passport Labs Inc                                                    |                                   |
| Supplier Payment        | Check               | 3799                | 6/15/2022           | 9,564.28              | PC Specialists Inc - Remit-To: TIG - San Diego                                                      |                                   |
| Supplier Payment        | Check               | 3800                | 6/15/2022           | 12,247.01             | Portland Adventist Medical Center                                                                   |                                   |
| Supplier Payment        | Check               | 3801                | 6/15/2022           | 3,188.16              | PPC Solutions Inc                                                                                   |                                   |
| Supplier Payment        | Check               | 3802                | 6/15/2022           | 539.00                | Public Safety Testing Inc                                                                           |                                   |
| Supplier Payment        | Check               | 3803                | 6/15/2022           | 219.16                | Qwest Corporation - Remit-To: Qwest Corp-Seattle                                                    |                                   |
| Supplier Payment        | Check               | 3804                | 6/15/2022           | 250.00                | R & W Engineering Inc                                                                               |                                   |
| Supplier Payment        | Check               | 3805                | 6/15/2022           | 337.50                | Reinisch Wilson Weier P.C.                                                                          |                                   |
| Supplier Payment        | Check               | 3806                | 6/15/2022           | 1,942.19              | Shrums Pest Control                                                                                 |                                   |
| Supplier Payment        | Check               | 3807                | 6/15/2022           | 2,878.36              | Software House International SHI - Remit-To: SHI - Dallas                                           |                                   |
| Supplier Payment        | Check               | 3808                | 6/15/2022           | 780.00                | Southwest Washington Chapter of ICC                                                                 |                                   |
| Supplier Payment        | Check               | 3809                | 6/15/2022           | 75.00                 | Standridge Design Inc                                                                               |                                   |
| Supplier Payment        | Check               | 3810                | 6/15/2022           | 8.67                  | State of Oregon Department of Transportation - Remit-To: OR DMV - Salem                             |                                   |
| Supplier Payment        | Check               | 3811                | 6/15/2022           | 228.70                | State of Washington Department of Labor & Industries - Remit-To: State of WA LNI - Elevator Section |                                   |
| Supplier Payment        | Check               | 3812                | 6/15/2022           | 127.15                | State of Washington Department of Licensing - Remit-To: DOL - Seattle Remit                         |                                   |
| Supplier Payment        | Check               | 3813                | 6/15/2022           | 2,822.50              | State of Washington State Patrol                                                                    |                                   |

**INVOICE PAYMENTS REPORT**

| <u>Payment Category</u> | <u>Payment Type</u> | <u>Check Number</u> | <u>Payment Date</u> | <u>Payment Amount</u> | <u>Payment Payee</u>                                                       | <u>Payment Memo if applicable</u>                                                                      |
|-------------------------|---------------------|---------------------|---------------------|-----------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Supplier Payment        | Check               | 3814                | 6/15/2022           | 25,133.75             | Stop Stick Ltd                                                             |                                                                                                        |
| Supplier Payment        | Check               | 3815                | 6/15/2022           | 802.92                | Towing & Recovering Services Inc                                           |                                                                                                        |
| Supplier Payment        | Check               | 3816                | 6/15/2022           | 1,408.33              | Transunion Risk & Alternative Data Solutions Inc                           |                                                                                                        |
| Supplier Payment        | Check               | 3817                | 6/15/2022           | 1,950.00              | Triangle Resources Inc                                                     |                                                                                                        |
| Supplier Payment        | Check               | 3818                | 6/15/2022           | 2,353.10              | Triple J Enterprises                                                       |                                                                                                        |
| Supplier Payment        | Check               | 3819                | 6/15/2022           | 1,442.92              | United States Department of Agriculture - Remit-To: USDA APHIS - St Louis  |                                                                                                        |
| Supplier Payment        | Check               | 3820                | 6/15/2022           | 117,357.70            | Vancouver National Historic Reserve Trust                                  |                                                                                                        |
| Supplier Payment        | Check               | 3821                | 6/15/2022           | 267.00                | Vast Data Concepts                                                         |                                                                                                        |
| Supplier Payment        | Check               | 3822                | 6/15/2022           | 5,651.27              | Walter E Nelson Company                                                    |                                                                                                        |
| Supplier Payment        | Check               | 3823                | 6/15/2022           | 20,048.54             | Waste Connections of Washington - Remit-To: Waste Connections - Vancouver  |                                                                                                        |
| Supplier Payment        | Check               | 3824                | 6/15/2022           | 9,328.23              | Waste Connections of Washington - Remit-To: Waste Connections - Vancouver  |                                                                                                        |
| Supplier Payment        | Check               | 3825                | 6/15/2022           | 2,143.41              | Western Equipment Distributors - Remit-To: Western Equipment - Los Angeles |                                                                                                        |
| Supplier Payment        | Check               | 3826                | 6/15/2022           | 4,805.20              | Western Water Works Supply Co Inc                                          |                                                                                                        |
| Supplier Payment        | Check               | 3827                | 6/15/2022           | 2,943.75              | WSP USA Inc. - Remit-To: WSP USA Inc. Dallas                               |                                                                                                        |
| Supplier Payment        | Check               | 3828                | 6/15/2022           | 246.60                | WW Grainger Inc                                                            |                                                                                                        |
| Supplier Payment        | Check               | 3829                | 6/15/2022           | 78.51                 | XPO Logistics Enterprise Services, Inc - Remit-To: XPO - Portland          |                                                                                                        |
| Supplier Payment        | Check               | 3830                | 6/15/2022           | 2,282.68              | Zayo Group Holding Inc - Remit-To: Zayo Group Holding Inc                  |                                                                                                        |
| Ad Hoc Payment          | Check               | 3831                | 6/15/2022           | 29,424.43             | 1703 Main Street, LLC                                                      | Claim Payment - DOL: 09/01/18 - Risk                                                                   |
| Ad Hoc Payment          | Check               | 3832                | 6/15/2022           | 116.70                | 2616 NE 112th Ave LLC                                                      | Utility Refunds: 0066064700-02 Consolidated refund created from multiple refunds                       |
| Ad Hoc Payment          | Check               | 3833                | 6/15/2022           | 25.00                 | 4 A Roofing Inc                                                            | Spec Lic fee ref ovpymt Damien Jaecksch                                                                |
| Ad Hoc Payment          | Check               | 3834                | 6/15/2022           | 90.00                 | 4 Caminos, INC.                                                            | Bus Lic Fees Ref COVID-19 surch ref prog                                                               |
| Ad Hoc Payment          | Check               | 3835                | 6/15/2022           | 71.92                 | Ammerman,Nancy L or Lawrence M                                             | Utility Refunds: 0000003092-03                                                                         |
| Ad Hoc Payment          | Check               | 3836                | 6/15/2022           | 160.00                | Andrew Kennison                                                            | Non-Employee Travel - TEMS Training                                                                    |
| Ad Hoc Payment          | Check               | 3837                | 6/15/2022           | 196.43                | Anjara Carrasco or Leandro Gomez Navarro                                   | Utility Refunds: 0114006928-10                                                                         |
| Ad Hoc Payment          | Check               | 3838                | 6/15/2022           | 60.77                 | Baledge,Amie or Daniel                                                     | Utility Refunds: 0118000620-03                                                                         |
| Ad Hoc Payment          | Check               | 3839                | 6/15/2022           | 106.00                | Besendorfer,Cristina                                                       | Utility Refunds: 0011023400-09                                                                         |
| Ad Hoc Payment          | Check               | 3840                | 6/15/2022           | 100.00                | Cascade Highlands Neighborhood Association                                 | 2022 Resource Conservation Challenge                                                                   |
| Ad Hoc Payment          | Check               | 3841                | 6/15/2022           | 386.26                | Cherry City Electric                                                       | MPE-322349                                                                                             |
| Ad Hoc Payment          | Check               | 3842                | 6/15/2022           | 98.39                 | Christenson Electric Inc                                                   | MPE-321341                                                                                             |
| Ad Hoc Payment          | Check               | 3843                | 6/15/2022           | 12,192.26             | Clark County Emergency Medical Services District #2                        | Liquidated damages for 22Feb, Failure to comply with response time in the P1/2 HD & P1/2 LD categories |
| Ad Hoc Payment          | Check               | 3844                | 6/15/2022           | 57.00                 | Costco Wholesale #1086                                                     | CIVICGOV cust dup paid inv 77041947 cust 444736                                                        |
| Ad Hoc Payment          | Check               | 3845                | 6/15/2022           | 70.00                 | Goodwin,Starlet                                                            | Utility Refunds: 0147024300-02                                                                         |
| Ad Hoc Payment          | Check               | 3846                | 6/15/2022           | 20.00                 | Greg/Kathy Schoenkopf                                                      | Alarm Billing ovpymt acct 19603 inv 99474080                                                           |
| Ad Hoc Payment          | Check               | 3847                | 6/15/2022           | 80.81                 | Grimshaw,Mary                                                              | Utility Refunds: 0006052100-04 Consolidated refund created from multiple refunds                       |
| Ad Hoc Payment          | Check               | 3848                | 6/15/2022           | 50.52                 | High Vision LLC                                                            | Utility Refunds: 0065025133-14                                                                         |
| Ad Hoc Payment          | Check               | 3849                | 6/15/2022           | 203.27                | Houtchens,Wayne or Judith                                                  | Utility Refunds: 0043015900-02                                                                         |
| Ad Hoc Payment          | Check               | 3850                | 6/15/2022           | 90.00                 | Ingrid's Goodstreetfood & Paleo Grill L.L.C.                               | Bus Lic fees ref COVID-19 surch ref prog                                                               |
| Ad Hoc Payment          | Check               | 3851                | 6/15/2022           | 1,404.00              | Ink Built Architecture                                                     | LUP-82549                                                                                              |
| Ad Hoc Payment          | Check               | 3852                | 6/15/2022           | 99.70                 | Irby,Norman or Marie                                                       | Utility Refunds: 0066069543-10                                                                         |
| Ad Hoc Payment          | Check               | 3853                | 6/15/2022           | 360.00                | James Anthony Riley                                                        | Bus Lic Fees ref error FTE's                                                                           |
| Ad Hoc Payment          | Check               | 3854                | 6/15/2022           | 54.00                 | Jason Timm                                                                 | CIVICGOV cust dup paid inv 77042571 cust 768855                                                        |
| Ad Hoc Payment          | Check               | 3855                | 6/15/2022           | 270.00                | Java House, INC.                                                           | Bus Lic fees ref COVID-19 surch ref prog                                                               |

**INVOICE PAYMENTS REPORT**

| <u>Payment Category</u> | <u>Payment Type</u> | <u>Check Number</u> | <u>Payment Date</u> | <u>Payment Amount</u> | <u>Payment Payee</u>                            | <u>Payment Memo if applicable</u>                                                |
|-------------------------|---------------------|---------------------|---------------------|-----------------------|-------------------------------------------------|----------------------------------------------------------------------------------|
| Ad Hoc Payment          | Check               | 3856                | 6/15/2022           | 24.80                 | JC Electric, Inc.                               | MPE-320475                                                                       |
| Ad Hoc Payment          | Check               | 3857                | 6/15/2022           | 164.00                | John H Burns or Shelly Cooper Burns             | Utility Refunds: 0012045220-01                                                   |
| Ad Hoc Payment          | Check               | 3858                | 6/15/2022           | 943.17                | Knox,Karen                                      | Utility Refunds: 0025022100-04 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3859                | 6/15/2022           | 123.64                | Li Hongzeng or Wei Jiang                        | Utility Refunds: 0022021800-13                                                   |
| Ad Hoc Payment          | Check               | 3860                | 6/15/2022           | 215.73                | Long,Steven or Louise                           | Utility Refunds: 0015003511-10 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3861                | 6/15/2022           | 1,620.00              | McMillan Active Group, INC                      | Bus Lic Fees ref COVID-19 surch ref prog                                         |
| Ad Hoc Payment          | Check               | 3862                | 6/15/2022           | 117.00                | Melchiorre,Kathryn                              | Utility Refunds: 0063800618-02 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3863                | 6/15/2022           | 1,105.44              | Mirfathali,Behrooz                              | Utility Refunds: 0038000300-12                                                   |
| Ad Hoc Payment          | Check               | 3864                | 6/15/2022           | 168.26                | Mossor,Darrin or Christina                      | Utility Refunds: 0000003519-02                                                   |
| Ad Hoc Payment          | Check               | 3865                | 6/15/2022           | 100.00                | Mountain View Neighborhood Association          | 2022 Resource Conservation Challenge                                             |
| Ad Hoc Payment          | Check               | 3866                | 6/15/2022           | 210.00                | Natural Earth and Body, INC                     | Bus Lic Fees ref COVID-19 surch ref prog                                         |
| Ad Hoc Payment          | Check               | 3867                | 6/15/2022           | 1,252.50              | Nicole Guyton                                   | 600 SCIP LOAN cust paid off loan                                                 |
| Ad Hoc Payment          | Check               | 3868                | 6/15/2022           | 100.00                | Northcrest Neighborhood Association             | 2022 Resource Conservation Challenge                                             |
| Ad Hoc Payment          | Check               | 3869                | 6/15/2022           | 100.00                | North Garrison Heights Neighborhood Association | 2022 Resource Conservation Challenge                                             |
| Ad Hoc Payment          | Check               | 3870                | 6/15/2022           | 100.00                | Northwood Neighborhood Association              | 2022 Resource Conservation Challenge                                             |
| Ad Hoc Payment          | Check               | 3871                | 6/15/2022           | 42.86                 | Nova NW LLC                                     | Utility Refunds: 0054025000-03                                                   |
| Ad Hoc Payment          | Check               | 3872                | 6/15/2022           | 55.72                 | Odegaard,Deanna                                 | Utility Refunds: 0093008500-11                                                   |
| Ad Hoc Payment          | Check               | 3873                | 6/15/2022           | 100.00                | Ogden Neighborhood Association                  | 2022 Resource Conservation Challenge                                             |
| Ad Hoc Payment          | Check               | 3874                | 6/15/2022           | 25.03                 | Ohman,Larry or Sandra                           | Utility Refunds: 0062000224-08                                                   |
| Ad Hoc Payment          | Check               | 3875                | 6/15/2022           | 117.48                | Olivia McBride or Bret Tresler                  | Utility Refunds: 0062002000-07                                                   |
| Ad Hoc Payment          | Check               | 3876                | 6/15/2022           | 151.78                | Pashby,Gloria or Kathleen                       | Utility Refunds: 0089089032-06                                                   |
| Ad Hoc Payment          | Check               | 3877                | 6/15/2022           | 280.00                | PCS                                             | Alarm billing GREENHEAD CANNABIS acct 21676 inv 99393968,99395311,99395391       |
| Ad Hoc Payment          | Check               | 3878                | 6/15/2022           | 111.00                | Pederson,Susan or Bert                          | Utility Refunds: 0050009510-04 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3879                | 6/15/2022           | 450.00                | Philly Bilmos, LLC                              | Bus Lic Fees ref COVID-19 surch ref prog                                         |
| Ad Hoc Payment          | Check               | 3880                | 6/15/2022           | 13.49                 | Popenco,Valeri or Valentina                     | Utility Refunds: 0000005107-02                                                   |
| Ad Hoc Payment          | Check               | 3881                | 6/15/2022           | 90.00                 | Pop Local Vancouver, LLC                        | Bus Lic Fees Ref COVID-19 surch ref prog                                         |
| Ad Hoc Payment          | Check               | 3882                | 6/15/2022           | 221.20                | Prairie Electric, Inc                           | ROW-321214                                                                       |
| Ad Hoc Payment          | Check               | 3883                | 6/15/2022           | 68.64                 | Prairie Electric, Inc                           | MPE-317626                                                                       |
| Ad Hoc Payment          | Check               | 3884                | 6/15/2022           | 59.20                 | Ramsay Signs Inc                                | CMI-317962                                                                       |
| Ad Hoc Payment          | Check               | 3885                | 6/15/2022           | 49.84                 | Revin Homes Inc                                 | Utility Refunds: 0002000112-01                                                   |
| Ad Hoc Payment          | Check               | 3886                | 6/15/2022           | 61.47                 | Richard A Mauk                                  | MPE-320682                                                                       |
| Ad Hoc Payment          | Check               | 3887                | 6/15/2022           | 114.91                | Richard N Cipriano or Jo Ann Howard-Cipriano    | Utility Refunds: 0035019900-03                                                   |
| Ad Hoc Payment          | Check               | 3888                | 6/15/2022           | 34.55                 | Rodriguez,Jorge                                 | Utility Refunds: 0067012252-03                                                   |
| Ad Hoc Payment          | Check               | 3889                | 6/15/2022           | 40.00                 | Safeway #1519                                   | refund overpmt alarm                                                             |
| Ad Hoc Payment          | Check               | 3890                | 6/15/2022           | 79.00                 | Safeway #1519                                   | Replaces Escheated Check 9206 - 01/29/20                                         |
| Ad Hoc Payment          | Check               | 3891                | 6/15/2022           | 149.57                | Shahtout,Brian A                                | Utility Refunds: 0043002400-14                                                   |
| Ad Hoc Payment          | Check               | 3892                | 6/15/2022           | 289.78                | State of Utah                                   | 2021 Unclaimed Property Report                                                   |
| Ad Hoc Payment          | Check               | 3893                | 6/15/2022           | 103.11                | Summit Plumbing LLC                             | MPE-321481                                                                       |
| Ad Hoc Payment          | Check               | 3894                | 6/15/2022           | 20.00                 | Tamara Saniti                                   | Alarm Billing ovrrpymt acct 19165 inv 99477500                                   |
| Ad Hoc Payment          | Check               | 3895                | 6/15/2022           | 48.39                 | Tanya Martin                                    | Cust cancelled COV05064                                                          |
| Ad Hoc Payment          | Check               | 3896                | 6/15/2022           | 312.00                | The Estate of Frederick Charles Duffy           | Utility Refunds: 0113012032-05 Consolidated refund created from multiple refunds |
| Ad Hoc Payment          | Check               | 3897                | 6/15/2022           | 185.90                | The Estate of Phyllis J Georgeades              | Reissue of Utility Refunds: 0022066009-04                                        |
| Ad Hoc Payment          | Check               | 3898                | 6/15/2022           | 90.20                 | Thompson,Danielle D or Jason S                  | Utility Refunds: 0061099695-02                                                   |
| Ad Hoc Payment          | Check               | 3899                | 6/15/2022           | 360.00                | Trap Door Brewing, LLC                          | Bus Lic Fees Ref COVID-19 surch ref prog                                         |

**INVOICE PAYMENTS REPORT**

| <u>Payment Category</u> | <u>Payment Type</u> | <u>Check Number</u> | <u>Payment Date</u>         | <u>Payment Amount</u> | <u>Payment Payee</u>           | <u>Payment Memo if applicable</u>                                                |
|-------------------------|---------------------|---------------------|-----------------------------|-----------------------|--------------------------------|----------------------------------------------------------------------------------|
| Ad Hoc Payment          | Check               | 3900                | 6/15/2022                   | 106.55                | Truong,Lisa or John            | Utility Refunds: 0500001214-02                                                   |
| Ad Hoc Payment          | Check               | 3901                | 6/15/2022                   | 61.47                 | US Cryogenics Inc              | MPE-321791                                                                       |
| Ad Hoc Payment          | Check               | 3902                | 6/15/2022                   | 108.00                | Varin,Madline                  | Utility Refunds: 0063800122-05                                                   |
| Ad Hoc Payment          | Check               | 3903                | 6/15/2022                   | 448.00                | Venardos Circus                | CIVICGOV inv 77041850 cust 767981 triple paid 77042618                           |
| Ad Hoc Payment          | Check               | 3904                | 6/15/2022                   | 75.00                 | WILLIAMS SYNDROME ASSOCIATION  | Park event refund due to COVID 19 2007875.058                                    |
| Ad Hoc Payment          | Check               | 3905                | 6/15/2022                   | 167.00                | Winslow,Gabriel or Amanda      | Utility Refunds: 0085013100-25                                                   |
| Ad Hoc Payment          | Check               | 3906                | 6/15/2022                   | 82.43                 | Wochnick,Brenton J or Robert W | Utility Refunds: 0500004023-02                                                   |
| Ad Hoc Payment          | Check               | 3907                | 6/15/2022                   | 71.43                 | Zillow Homes                   | Utility Refunds: 0000002589-07                                                   |
| Ad Hoc Payment          | Check               | 3908                | 6/15/2022                   | 88.58                 | Zillow Homes Inc               | Utility Refunds: 0045650098-07                                                   |
| Ad Hoc Payment          | Check               | 3909                | 6/15/2022                   | 140.22                | Zillow Homes Property Inc      | Utility Refunds: 0088041000-16                                                   |
| Ad Hoc Payment          | Check               | 3910                | 6/15/2022                   | 228.04                | Zillow Homes Property Trust    | Utility Refunds: 0164001848-03                                                   |
| Ad Hoc Payment          | Check               | 3911                | 6/15/2022                   | 21.20                 | Zillow Homes Property Trust    | Utility Refunds: 0112001436-03                                                   |
| Ad Hoc Payment          | Check               | 3912                | 6/15/2022                   | 72.07                 | Zillow Homes Property Trust    | Utility Refunds: 0015006520-03                                                   |
| Ad Hoc Payment          | Check               | 3913                | 6/15/2022                   | 143.86                | Zillow Homes Property Trust    | Utility Refunds: 0000006391-03 Consolidated refund created from multiple refunds |
|                         |                     |                     | <b>Check Total</b>          | <b>2,056,010.84</b>   |                                |                                                                                  |
|                         |                     |                     | <b>Manual Wire Total</b>    | <b>4,172,545.33</b>   |                                |                                                                                  |
|                         |                     |                     | <b>EFT Total</b>            | <b>2,423,273.71</b>   |                                |                                                                                  |
|                         |                     |                     | <b>Direct Deposit Total</b> | <b>5,084.94</b>       |                                |                                                                                  |
|                         |                     |                     |                             |                       |                                |                                                                                  |
|                         |                     |                     | 6/13/2022                   | 14,331.06             | City Payments                  | Posted 06-06-22 to 06-12-22                                                      |
|                         |                     |                     | 6/20/2022                   | 5,238.48              | City Payments                  | Posted 06-13-22 to 06-19-22                                                      |
|                         |                     |                     | <b>Hansen Total</b>         | <b>19,569.54</b>      |                                |                                                                                  |
|                         |                     |                     |                             |                       |                                |                                                                                  |
|                         |                     |                     | 6/13/2022                   | 847.00                | Miscellaneous                  | Parks Class Refunds FCC 06-06-22 to 06-12-22                                     |
|                         |                     |                     | 6/13/2022                   | 1,952.50              | Miscellaneous                  | Parks Class Refunds MCC 06-06-22 to 06-12-22                                     |
|                         |                     |                     | 6/20/2022                   | 2,631.00              | Miscellaneous                  | Parks Class Refunds FCC 06-13-22 to 06-19-22                                     |
|                         |                     |                     | 6/20/2022                   | 1,716.50              | Miscellaneous                  | Parks Class Refunds MCC 06-13-22 to 06-19-22                                     |
|                         |                     |                     | <b>VISA Total</b>           | <b>7,147.00</b>       |                                |                                                                                  |
|                         |                     |                     |                             |                       |                                |                                                                                  |
|                         |                     |                     | <b>Payroll Total</b>        | <b>3,387,363.79</b>   |                                |                                                                                  |
|                         |                     |                     |                             |                       |                                |                                                                                  |
|                         |                     |                     | <b>GRAND TOTAL</b>          | <b>12,070,995.15</b>  |                                |                                                                                  |
|                         |                     |                     |                             |                       |                                |                                                                                  |
|                         |                     |                     |                             |                       |                                |                                                                                  |



City of Vancouver  
Payroll Council Report  
June 6, 2022 - June 19, 2022

| Check No.       | Date     | Explanation               | Amount          |
|-----------------|----------|---------------------------|-----------------|
| 296 - 322       | 06/10/22 | June 10th Payroll         | \$ 15,191.80    |
| 148673 - 150374 | 06/10/22 | June 10th Direct Deposits | \$ 3,372,171.99 |
|                 |          |                           |                 |
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|                 |          |                           |                 |

\$ 3,387,363.79



## **Staff Report 020-22**

**TO:** Mayor and City Council

**FROM:** Eric Holmes, City Manager

**DATE:** 6/27/2022

**SUBJECT** An Ordinance adding Section 3.08.100 to the Vancouver Municipal Code ("VMC"), amending other sections of the VMC to provide a uniform methodology for adjustment of certain City fees and charges pursuant to the consumer price index

### **Key Points**

**Procedural Note:** *The City Council considered and approved this item (Ord. M-4363) at a public hearing on February 28, 2022. However, City staff subsequently learned that the public hearing agenda and notice had referenced an incorrect version of the proposed ordinance. To ensure that the intended changes are made to the Vancouver Municipal Code (VMC), the correct ordinance has been re-scheduled for a first reading on June 13, 2022 and a public hearing on June 27, 2022.*

- State law and the VMC authorize the City to impose and adjust fees and charges to cover the costs associated with certain services provided by the City.
- Sections 11.60.160, 14.04.090, 16.40.070, 17.08.130, 19.11.040, 20.180.050, and 20.915.050 of the VMC currently provide inconsistent methodologies and reference indices for the annual adjustment of fees and charges to reflect changes in the consumer price index.
- If adopted, effective on January 1, 2023, the proposed ordinance would add a new Section 3.08.100 to the VMC and amend Section 1.01.080 of the VMC to provide a uniform methodology to adjust certain fees and charges on an annual basis to reflect changes in the consumer price index. The proposed ordinance would amend Sections 11.60.160, 14.04.090, 16.40.070, 17.08.130, 19.11.040, 20.180.050, and 20.915.050 of the VMC to refer to the uniform methodology and reference index set forth in Section 3.08.100.
- If adopted, the proposed ordinance would authorize a two-step adjustment of certain City fees and charges for 2022 totaling 6.5%, reflecting the percentage change in the consumer price index in 2021. The ordinance would authorize an immediate increase of 3.3% with an additional a 3.2% increase effective on July 1, 2022. A two-step implementation will provide additional time for City staff to communicate with relevant stakeholders regarding these increases.
- Over the coming year City staff will continue to review whether further adjustments to the

VMC and other documents may be necessary to respond to and keep pace with inflation.

### **Strategic Plan Alignment**

**Goal 9:** Build the strongest, most resilient economy in the region

### **Present Situation**

The VMC currently provides several differing and inconsistent methodologies for the annual adjustment of fees and charges to reflect changes in the consumer price index. In addition, the regional Consumer Price Index for the Portland-Salem, Oregon-Washington Metropolitan Area for Wage Earners and Clerical Workers (CPI-W) referenced in Sections 11.60.160 and 20.180.050 of the VMC no longer exists. Harmonizing these provisions will ensure consistent application of CPI adjustments in future years. Additionally, implanting the 2022 adjustments in a series of two steps (one in the first fiscal quarter, with a second increase in the third fiscal quarter) will afford City Staff time to communicate these changes to effected businesses.

### **Advantage(s)**

A uniform methodology and reference index for the adjustment of certain fees and charges will be more predictable and easier to implement.

### **Disadvantage(s)**

None

### **Budget Impact**

None

### **Prior Council Review**

None

### **Action Requested**

On Monday, June 27, 2022, subject to second reading and public hearing, approve the ordinance.

*Natasha Ramras, Chief Financial Officer, 360-487-8484; Jonathan Young, City Attorney, 360-487-8500*

### **ATTACHMENTS:**

- ▣ Ordinance
- ▣ Exhibit A

06/13/2022  
06/27/2022

ORDINANCE NO. M- [Ordinance Number]

AN ORDINANCE of the City of Vancouver relating to the annual adjustment of certain City fees and charges to reflect changes in the consumer price index; adopting legislative findings, adding Section 3.08.100 to the Vancouver Municipal Code to provide a uniform methodology for adjustment of certain City fees and charges pursuant to the consumer price index, effective in 2023; amending Section 1.01.080 of the Vancouver Municipal Code to clarify that the City Clerk may update fees and charges to reflect Consumer Price Index (CPI) adjustments authorized by the VMC, amending Sections 11.60.160, 14.04.090, 16.40.070, 17.08.130, 19.11.040, 20.180.050, and 20.915.050 of the Vancouver Municipal Code to incorporate by reference the methodology set forth in new Section 3.08.100; approving and ratifying adjustment of certain City fees and charges for 2022 to reflect changes in the Consumer Price Index for 2021, providing for severability; and setting an immediate effective date.

WHEREAS, state law and the Vancouver Municipal Code (“VMC”) authorize the City to impose fees and charges to cover the costs associated with certain services provided by the City.

WHEREAS, Sections 11.60.160, 14.04.090, 16.40.070, 17.08.130, 19.11.040, 20.180.050, and 20.915.050 of the VMC currently provide for differing methodologies and

ORDINANCE - 1

reference indices for the annual adjustment of fees and charges to reflect changes in the consumer price index; and

WHEREAS, the regional Consumer Price Index for the Portland-Salem, Oregon-Washington Metropolitan Area for Wage Earners and Clerical Workers (CPI-W) referenced in Sections 11.60.160 and 20.180.050 of the VMC no longer exists; and

WHEREAS, the City Council finds that the regional Consumer Price Index for Urban Wage Earners and Clerical Workers for the Seattle-Tacoma-Bellevue Metropolitan Area is an appropriate regional index upon which to base annual adjustments to certain City fees and charges; and

WHEREAS, the City Council adopts and incorporates by reference Staff Report SR-\_\_\_\_\_ and finds that it is in the public interest to adopt and implement an updated and uniform methodology to annually adjust certain City fees and charges to reflect changes in the Consumer Price Index for Urban Wage Earners and Clerical Workers for the Seattle-Tacoma-Bellevue Metropolitan Area; and

WHEREAS, at a public hearing on February 28, 2022, the City Council approved Ordinance M- 4363 relating to the annual adjustment of certain City fees and charges to reflect changes in the CPI-W; and

WHEREAS, following the approval of Ordinance M-4363 City staff discovered that the February 28, 2022 agenda and public hearing notice had referenced an incorrect version of the ordinance; and

WHEREAS, to ensure that the intended changes are made to the VMC, the City Council now adopts this corrected ordinance after conducting a first reading on June 13, 2022 and a public hearing concerning the ordinance and proposed code changes on June 27, 2022.

ORDINANCE - 2

NOW, THEREFORE,

BE IT ORDAINED BY THE CITY OF VANCOUVER:

**Section 1. Findings.** The City Council hereby adopts and incorporates by reference the above recitals as findings in support of this Ordinance.

**Section 2. New Section.** A new section is added to the Vancouver Municipal Code to read:

**3.08.100 – Adjustment of Certain City Fees and Charges to Reflect Change in Consumer Price Index**

Effective January 1, 2023, and January 1<sup>st</sup> of each year thereafter, any fee or charge imposed by the Vancouver Municipal Code for which an annual fee adjustment is authorized shall be adjusted at a rate equal to the annual 12 month percentage change in the Consumer Price Index for All Urban Consumers for the Seattle-Tacoma-Bellevue Metropolitan Area reflecting data for all items through October (“City CPI Adjustment”) as prepared by the United States Department of Labor, Bureau of Labor Statistics (“BLS”); however, if the designated Consumer Price Index for All Urban Consumers for the Seattle-Tacoma-Bellevue Metropolitan Area ceases to exist or is changed by BLS, the “Consumer Price Index for All Urban Consumers” will reference a BLS index similar to that of the Seattle-Tacoma-Bellevue Metropolitan Area selected by the Director of Finance to reasonably measure change in the purchasing power of the U.S. Dollar for the City. The Director of Financial and Management Services shall timely report the City CPI Adjustment to the Public Records Officer following publication by BLS.

**Section 3. Amendment.** Vancouver Municipal Code Sections 1.01.080 entitled “Limited Authority to Amend Code Provisions” as codified by Ordinance M-3685 §1 is hereby amended as follows:

**1.01.080 Limited Authority to Amend Code Provisions.**

Subject to approval by the city attorney, the city clerk shall have authority to rearrange, renumber, reletter, capitalize, punctuate, and divide codified provisions of the VMC, to update any fees and charges to reflect Consumer Price Index (CPI) adjustments authorized by the VMC, and to correct clerical errors and to insert captions in accordance with the meaning and intent to the provisions of the VMC, and to delete VMC provisions ruled invalid by a court of competent jurisdiction.

**Section 4. Amendment.** Vancouver Municipal Code Sections 11.60.160 entitled “Cost and fee recovery for right-of-way use permit” as codified by Ordinance M-4016 § 2 is hereby amended as follows:

**11.60.160 Cost and fee recovery for right-of-way use permit**

A. Right-of-way use permit fees shall be incorporated into Section [20.180.070](#), Engineering Fees.

B. *Application Fee.* A nonrefundable application fee shall be charged for each right-of-way use permit application that is accepted for processing, counter service, and recordkeeping.

C. *Permit Fee.* A fee for monitoring and inspecting the site or activity may be imposed.

D. *Use Fee.* Permits may include a fee for each day or part thereof for use of the right-of-way. The fee will compensate the City for loss of use. The daily use fee, when imposed, will vary depending upon the class of right-of-way use permit involved.

E. *Reimbursement of Actual Expenses.* When a permit is issued, the City may impose a charge based on the actual cost to compensate for its time and expenses. These costs may include street crews, signal crews, and police, if required to assist in the activity. A refundable deposit or other security device may also be required. Costs of damage to City property, or the expense of assistance by City employees, may be deducted from the deposit, charged against the security device, or billed to the permittee directly.

F. Effective January 1, 2023 ~~2013~~, and January 1 of each year afterward, fees for right-of-way use and occupation applications and permits shall be adjusted annually pursuant to the methodology set forth in 3.08.100. ~~by an amount equal to the percentage change in the Consumer Price Index for the Portland-Salem, Oregon-Washington Metropolitan Area for Wage Earners and Clerical Workers (CPI-W) for the preceding year ending on June 30, as prepared by the Department of Labor, Bureau of Labor Statistics or a replacement index applicable to the City of Vancouver.~~ Each such newly adjusted fee shall be rounded to the next higher whole dollar.

G. *Repair and Replacement Charges.* If the City should incur any costs in repairing or replacing any property as the result of the permittee's actions, the costs of repair and replacement shall be charged to the permittee. These charges will be for the actual costs to the City.

H. Where feasible, the fee for a right-of-way use permit shall be estimated in writing by the responsible official to the applicant prior to the issuance of the right-of-way use permit. The



responsible official shall require payment of fees, or a reasonable estimate thereof, at the time the permit is issued, unless the responsible official for good cause extends time for payment.

I. Where additional fees and costs could not be reasonably estimated prior to the issuance of the right-of-way use permit, or where fees and costs were incurred as a result of the use, they shall be billed as soon as practicable and shall be paid by the applicant to the City within 30 calendar days from the receipt of the bill.

J. Notwithstanding the foregoing, fees for Type A permits may be waived by the responsible official for non-profit organizations or neighborhood associations. However, the permittee may still be liable for non-fee costs associated with use of the right-of-way, such as those incurred for traffic management or cleaning.

**Section 5. Amendment.** Vancouver Municipal Code Sections 14.04.090 entitled “Charges for water meter and service line installation” as codified by Ordinance M-144 § 8-A and last amended by Ordinance M-4257 § 2 is hereby amended as follows:

**14.04.090 Charges for water meter and service line installation**

If any street or alley is to be improved, the service lines to all adjacent tracts, lots or parcels of lands, either vacant or occupied, shall be installed prior to such improvement at the property owner’s expense.

A. Effective January 1, 2022~~17~~, rates for meter and service installation shall be as follows:

| Meter/Service Diameter    | Meter and Service                    | Service Only                         | Meter Only |
|---------------------------|--------------------------------------|--------------------------------------|------------|
| 5/8 x 3/4 with 1" service | <del>\$2,000.00</del> <u>\$2,325</u> | <del>\$1,930.00</del> <u>\$2,245</u> | \$135.00   |
| 1 inch                    | <del>\$2,045.00</del> <u>\$2,375</u> | <del>\$1,930.00</del> <u>\$2,245</u> | \$180.00   |
| 1-1/2 inch                | <del>\$3,220.00</del> <u>\$3,740</u> | <del>\$2,835.00</del> <u>\$3,650</u> | \$450.00   |
| 2 inch                    | <del>\$3,535.00</del> <u>\$4,110</u> | <del>\$3,140.00</del> <u>\$3,650</u> | \$460.00   |
| 3 inch                    | Note 1                               | Note 1                               | \$2,700.00 |
| 4 inch                    | Note 1                               | Note 1                               | \$3,200.00 |
| 6 inch                    | Note 1                               | Note 1                               | \$4,900.00 |
| 8 inch and larger         | Note 1                               | Note 1                               | Note 2     |

Note 1. The city does not install service larger than 2 inch. For larger services the customer is responsible for submitting drawings for city approval and for installation of the service.

Note 2. Prices available upon request.

B. *Meter and Service Relocates*. Effective January 1, 2022~~17~~, rates for relocation of water service shall be as follows:

Service relocates ten feet (10') and less    ~~\$265.00~~ \$310.00

Service relocates over ten feet (10')        ~~\$1,180.00~~ \$1,370.00

Meter box raise/raise yoke fee                ~~\$130.00~~ \$150.00

ORDINANCE - 7

One (1") inch yoke replacement fee      ~~\$260.00~~ \$300.00

The city does not perform half-street restoration work. If the service installation or relocation requires half-street restoration, the applicant shall hire a contractor approved by the city to work within the right-of-way, obtain a right-of-way permit, and complete all work themselves (including service installation or relocation). The service installation or relocation and the half-street restoration work must be complete prior to the city setting the water meter.

C. ~~Commencing~~ Effective January 1, ~~2018~~ 2023, and ~~effective~~ January 1st of each year thereafter, the fees set by subsections [A](#) and [B](#) of this section shall be adjusted annually pursuant to the methodology set forth in 3.08.100. ~~at a rate based upon the change in the Consumer Price Index for Urban Wage Earners and Clerical Workers for the Seattle-Bellevue Metropolitan Area as prepared by the United States Department of Labor, Bureau of Labor Statistics and as published as of the preceding June 30<sup>th</sup>.~~ The ~~annual fee adjustment~~ adjusted fee for each rate category shall be rounded to the nearest \$5.00. This annual adjustment shall not apply to the “Meter Only” fees.

**Section 6. Amendment.** Vancouver Municipal Code Sections 16.40.070 entitled “Hazardous Material Regulatory Fee Schedule” as codified by Ordinance M-3856 §2 is hereby amended as follows:

#### **16.40.070 Hazardous Material Regulatory Fee Schedule**

Hazardous material regulatory fees shall be based on Table 16.40.070-1. The definitions of VMC [16.40.010](#) shall be used to interpret Table 16.40.070-1. The fee is calculated by

multiplying the number of pounds of the hazardous materials reported to the state or federal regulatory agency under the law regulating the hazardous occupancy cited in VMC [16.40.010\(A\)](#) by the risk factors set forth in Table 16.40.070-1. The product of this calculation shall be multiplied by \$1.10 starting January 1, 2019; multiplied by \$1.20 starting January 1, 2020; and commencing on January 1, 2021, adjusted annually pursuant to the methodology set forth in 3.08.100. ~~by the Consumer Price Index for All Urban Consumers for the Seattle area as adopted by the Bureau of Labor Statistics to arrive at the amount of the fee~~ The multiplier shall not otherwise be increased except by ordinance amendment. If the calculation yields a fee of less than \$100.00 the hazardous materials occupancy is exempt from the certificate and fee requirements of this chapter.

**[Note to Code Revisor: Table 16.40.070-1 are not amended by this ordinance]**

**Section 7. Amendment.** Vancouver Municipal Code Sections 17.08.130 entitled “Fees” as codified by Ordinance M-3660 § 4 and last amended by Ordinance M-4318 § 1 is hereby amended as follows:

**17.08.130 Fees.**

A. *Application/Plan review fee.* When submittal of documents are required, a plan review fee shall be paid at the time of submitting the submittal documents for plan review. The fee shall be as specified in Table V.

B. *Permit fee.* A permit shall not be valid until the permit and construction documents have been approved and the fees prescribed in this section have been paid. Amendment to a permit shall not be released until the additional fee, where applicable, has been paid.

C. *Determination of valuation.* The valuation used to determine permit and plan review fees shall be generated from national statistical averages as found in “Building Standards” or similar source for the type of construction and the type of occupancy.

1. The determination of value or valuation under any of the provisions of this code shall be made by the building official and/or fire marshal.

D. Generally, fees should be adopted at a level sufficient to cover costs or a substantial portion of the costs, associated with conducting review and inspections, issuing permits, and providing services, as set by city council. Consistent with the intent of this code section, the building official and fire marshal are authorized to make adjustments to categories of fees provided such adjusted fees do not exceed those adopted by this section.

E. *January 1st of each year.* Building and fire related permit and plan review fees shall be adjusted annually pursuant to the methodology set forth in 3.08.100. ~~by an amount equal to the percentage change in the Consumer Price Index for All Urban Consumers for the Seattle area as adopted by the Bureau of Labor Statistics or a replacement index applicable to the city of Vancouver, but not less than zero percent.~~ Each such newly adjusted fee shall be rounded to the next higher whole dollar.

F. Building and Fire related permit and plan review fees shall be reviewed periodically to ensure that they accurately reflect the current cost of providing services.

G. The following tables contain all building and fire related fees:

**[Note to Code Revisor: Tables I-V are not amended by this ordinance]**

**Section 8. Amendment.** Vancouver Municipal Code Sections 19.11.040 entitled “Rates in public off-street facilities” as codified by Ordinance M-4088 § 1 and subsequently amended by Ordinance M-4211 § 6 is hereby amended as follows:

**19.11.040 Rates in public off-street facilities**

There is hereby established a maximum daily parking rate of twenty-five dollars (\$25.00), a maximum monthly parking rate of two hundred dollars (\$200.00), and a maximum event rate of twenty-five dollars (\$25.00) per event stay. These rates may be reduced administratively by the city manager, or his/her designee, pursuant to the guidelines below:

- A. Any citizen sixty-two years of age, or older, may receive a “senior citizen discount” in an amount to be determined by the city manager or his/her designee, but in no event should the discount exceed twenty (20) percent;
- B. The parking rates may be changed to an amount to reach the desired occupancy rate in each municipal lot;
- C. The parking rates may be adjusted annually pursuant to the methodology set forth in 3.08.100. ~~changed to reflect the annual consumer price index (CPI) for inflation in the Portland-Vancouver area;~~
- D. The parking rates may be changed to an amount to reach desired occupancy rates at parking meters;
- E. The parking rates may be changed to reflect market conditions in the Portland-Vancouver area;

F. The parking rates may be changed to accommodate specific site characteristics and seasonal events;

G. The parking rates may be changed to reflect the parking conditions, including, but not limited to, covered vs. uncovered parking, and reserved vs. non-reserved. The city manager, or his/her designee, is authorized to promulgate rules and regulations regarding the administrative reduction of the maximum parking rates. The city manager, or his/her designee, shall report to the city council from time to time as requested by the city council, but in any event, shall report at least once every year regarding these parking rates.

**Section 9. Amendment.** Vancouver Municipal Code Sections 20.180.050 entitled “Revisions” as codified by Ordinance M-3643 and last amended by Ordinance M-4097 § 1 is hereby amended as follows:

**20.180.050 Revisions**

Development review fees. Effective January 1, ~~2023~~ 2010, and January 1st of each year thereafter, development review fees shall be adjusted annually pursuant to the methodology set forth in 3.08.100. ~~by an amount equal to the percentage change in the Consumer Price Index for the Portland-Salem, Oregon-Washington Metropolitan Area for Wage Earners and Clerical Workers (CPI-W) for the preceding year ending on June 30 prepared by the Department of Labor, Bureau of Labor Statistics or a replacement index applicable to the City of Vancouver.~~ Each such newly adjusted fee shall be rounded to the nearest whole dollar with fifty (\$.50) cents or more being rounded to the next higher dollar and forty-nine (\$.49) cents or less to the lower dollar. Fees based

on valuation, per head or device, per lineal foot or square foot and per section shall be excluded from rounding to the nearest whole dollar.

**Section 10. Amendment.** Vancouver Municipal Code Sections 20.915.050 entitled “Park Impact Fee” as codified by Ordinance M-3643 and last amended by Ordinance M-4319 § 3 is hereby amended as follows:

**20.915.050 Park Impact Fee.**

A. *Formula.* The impact fee component for parks shall be calculated using the following formula:

$$PIF = F \times U$$

1. “PIF” means the parks impact component of the total development impact fee.
2. “F” means the parks impact fee rate per unit of housing, either single-family or multi-family residential, as applicable, for each service area. Such rate shall be established in the parks impact fee program technical document, incorporated herein by this reference, for each service area by estimating the cost of anticipated growth-related parks projects. Between major program updates, the calculated per unit fee will be adjusted annually pursuant to the methodology set forth in 3.08.100 ~~to account for inflation using the Seattle-Bellevue-Tacoma CPI-U Index, as reported by the Bureau of Labor Statistics,~~ and as outlined in the parks impact fee program technical document.
3. “U” means the number of units, either single-family or multi-family, whichever is applicable, consistent with a proposed development.



B. Current park impact fee rates shall be as set forth in Table 915.050-1:

| Year | Park District | Single-Family (SF) | Multi-Family (MF) |
|------|---------------|--------------------|-------------------|
|------|---------------|--------------------|-------------------|

**Table 20.915.050-1.**

|                 |         |         |         |
|-----------------|---------|---------|---------|
|                 |         |         |         |
| January 1, 2021 | A, B, C | \$2,819 | \$2,060 |
| January 1, 2022 | A, B, C | \$3,523 | \$2,575 |

C. At least one copy of the park impact fee technical document adopted by the city council including the current park impact fee schedule as calculated thereunder, shall be filed in the office of the city clerk for use and examination by the public.

**Section 11. Adjustment of Fees and Charges Authorized for 2022.** Notwithstanding any other provision of this Ordinance or the Vancouver Municipal Code, effective immediately and until June 30, 2022, any fee or charge imposed by the Vancouver Municipal Code for which an annual adjustment is authorized by VMC 11.60.160, 14.04.090, 16.40.070, 17.08.130, and 20.180.050 shall be increased by 3.3%, calculated based upon the amount of the 2021 fee or charge. This increase reflects approximately one half of the 2021 percentage change in the Consumer Price Index for Urban Wage Earners and Clerical Workers for the Seattle-Tacoma-Bellevue Metropolitan Area as prepared by the United States Department of Labor, Bureau of Labor Statistics. As set forth in Exhibit A, the aforementioned changes to fees and charges authorized by 17.08.130 and 20.180.050 have been administratively approved, effective January 1, 2022, pending City Council ratification. The changes set forth in Exhibit A are hereby approved and ratified.

Effective July 1, 2022 and until December 31, 2022, any fee or charge imposed by the Vancouver Municipal Code for which an annual adjustment is authorized by VMC 11.60.160, 14.04.090, 16.40.070, 17.08.130, and 20.180.050 shall be further increased by 3.2%, which reflects the remainder of the 2021 percentage change in the Consumer Price Index for Urban Wage Earners and Clerical Workers for the Seattle-Tacoma-Bellevue Metropolitan Area as prepared by the United States Department of Labor, Bureau of Labor Statistics.

**Section 12. Severability.** If any clause, sentence, paragraph, section, or part of this ordinance or the application thereof to any person or circumstances shall be adjudged by any court of competent jurisdiction to be invalid, such order or judgment shall be confined in its operation to the controversy in which it was rendered and shall not affect or invalidate the remainder of any parts thereof to any other person or circumstances and to this end the provisions of each clause, sentence, paragraph, section or part of this law are hereby declared to be severable.

**Section 13. Effective Date.** This ordinance shall be effective immediately upon passage.

Read first time:

Ayes: Councilmembers

Nays: Councilmembers

Absent: Councilmembers

Read second time:

PASSED by the following vote:

Ayes: Councilmembers

ORDINANCE - 15

Nays: Councilmembers

Absent: Councilmembers

SIGNED this \_\_\_\_\_ day of \_\_\_\_\_, 2022.

\_\_\_\_\_  
Anne McEnery-Ogle, Mayor

Attest:

\_\_\_\_\_  
Natasha Ramras, City Clerk

Approved as to form:

\_\_\_\_\_  
Jonathan Young, City Attorney

## SUMMARY

ORDINANCE NO. \_\_\_\_\_

AN ORDINANCE of the City of Vancouver relating to the annual adjustment of certain City fees and charges to reflect changes in the consumer price index; adopting legislative findings, adding Section 3.08.100 to the Vancouver Municipal Code to provide a uniform methodology for adjustment of certain City fees and charges pursuant to the consumer price index, effective in 2023; amending Section 1.01.080 of the Vancouver Municipal Code to clarify that the City Clerk may update fees and charges to reflect Consumer Price Index (CPI) adjustments authorized by the VMC, amending Sections 11.60.160, 14.04.090, 16.40.070, 17.08.130, 19.11.040, 20.180.050, and 20.915.050 of the Vancouver Municipal Code to incorporate by reference the methodology set forth in new Section 3.08.100; approving and ratifying adjustment of certain City fees and charges for 2022 to reflect changes in the Consumer Price Index for 2021, providing for severability; and setting an immediate effective date.

The full text of this ordinance will be mailed upon request. Contact Raelyn McJilton, Records Officer at 487-8711, or via [www.cityofvancouver.us](http://www.cityofvancouver.us) (Go to City Government and Public Records).

# Exhibit A

P.O. Box 1995  
Vancouver, WA 98668-1995



[www.ci.vancouver.wa.us](http://www.ci.vancouver.wa.us)

## MEMORANDUM

TO: Raelyn McJilton, Central Records

FR: Natasha Ramras, City Clerk  
Jonathan Young, City Attorney

DT: December 28, 2021

RE: CPI Administrative Increases  
Pursuant to VMC Chapter 1.01

Pursuant to the authority contained in Vancouver Municipal Code ("VMC") § 1.01.080 - .100, the City Clerk hereby authorizes the Records Custodian to amend the VMC, as attached to and incorporated by reference in this authorization.

City Code prescribes that the United States Bureau of Labor Statistics consumer price index ("CPI") be utilized in establishing inflationary adjustments to City fees. Following review of applicable data, inflationary adjustments of 3.3% are hereby authorized to all of the relevant fees in the VMC 17.08.130 (E) and 20.180.050 pending City Council review and ratification of a lower than official CPI increase. The change will be effective January 1, 2022.

Approved by:

Approved as to form:

*Natasha Ramras*

Natasha Ramras, City Clerk

*Jonathan Young*

Jonathan Young, City Attorney

Exhibit A

Building and Fire Permit Fees: 17.08.130

17.08.130 Fees

Table II. Electrical Permit Fees

Fees are per each item to be installed or altered.

|                                               | 2021     | 2022     |
|-----------------------------------------------|----------|----------|
| Electrical Permit Items (1)                   |          |          |
| Residential                                   |          |          |
| Placement or Altered Service (2)              |          |          |
| Electrical Service 0 - 200 amps with feeder   | \$83.06  | \$85.80  |
| Electrical Service 201 - 600 amps with feeder | \$121.50 | \$125.51 |
| Electrical Service 601 Amps and greater       | \$182.90 | \$188.94 |
| Mobile Home Service or Feeder                 | \$59.50  | \$61.46  |
| Mobile Home Service and Feeder                | \$97.94  | \$101.17 |
| Additional Feeders (2)                        | \$59.50  | \$61.46  |
|                                               |          |          |
| Branch Circuits (4)                           |          |          |
| 1 - 4 Circuits                                | \$59.50  | \$61.46  |
| Each Additional Circuit                       | \$6.82   | \$7.05   |
|                                               |          |          |
| Maintenance/Repair Mast or Meter (3)          | \$45.25  | \$46.74  |
|                                               |          |          |
| Commercial Industrial                         |          |          |
| New or Altered Service/Feeder (5, 6, 7)       |          |          |
| 0 - 100 amps                                  | \$97.94  | \$101.17 |
| 101 - 200 amps                                | \$119.03 | \$122.96 |
| 201 - 400 amps                                | \$228.14 | \$235.67 |
| 401 - 600 amps                                | \$278.48 | \$287.67 |
| 601 - 800 amps                                | \$344.70 | \$356.08 |
| 801 - 1000 amps                               | \$420.33 | \$434.20 |
| 1001 amps and over                            | \$458.77 | \$473.91 |
|                                               |          |          |
| Additional Feeders (6)                        |          |          |
| 0 - 200 amps                                  | \$97.94  | \$101.17 |
| 201 - 600 amps                                | \$228.14 | \$235.67 |
| 601 - 1000 amps                               | \$344.70 | \$356.08 |
| 1001 amps and over                            | \$382.51 | \$395.13 |
|                                               |          |          |
| Maintenance Repair Mast of Meter 1            | \$83.06  | \$85.80  |
|                                               |          |          |
| Branch Circuits Only (4)                      |          |          |
| First 5 Circuits per Branch Circuit Panel     | \$75.64  | \$78.14  |

Exhibit A

|                                                                  |                                       |                                       |
|------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Each Additional Circuit Per Branch Circuit Panel                 | \$6.82                                | \$7.05                                |
|                                                                  |                                       |                                       |
| Over 600 Volts Surcharge Per Permit                              | \$75.64                               | \$78.14                               |
| Temporary Service (8)                                            |                                       |                                       |
| 0 - 200 amps with feeder                                         | \$74.39                               | \$76.84                               |
| 201 - 400 amps with feeder                                       | \$90.52                               | \$93.51                               |
| 401 - 600 amps with feeder                                       | \$121.50                              | \$125.51                              |
| 601 amps and over                                                | \$137.64                              | \$142.18                              |
| Each Additional Feeder                                           | \$26.65                               | \$27.53                               |
|                                                                  |                                       |                                       |
| Low Voltage/Telecommunications (9)                               |                                       |                                       |
| First 2500 square feet or less                                   | \$52.55                               | \$54.28                               |
| Each Additional 2500 Square Feet or portion thereof              | \$14.26                               | \$14.73                               |
|                                                                  |                                       |                                       |
| Signs and Outline Lighting (10, 11)                              |                                       |                                       |
| First Sign (No Service Included)                                 | \$45.25                               | \$46.74                               |
| Each Additional Sign Inspected at Same Time                      | \$21.69                               | \$22.41                               |
|                                                                  |                                       |                                       |
| Generators (12)                                                  |                                       |                                       |
| Installed Transfer for Portable Generators                       | \$82.75                               | \$85.48                               |
|                                                                  |                                       |                                       |
| Electrical Annual Permit for Commercial Industrial Location (13) |                                       |                                       |
| 1 to 3 Plant Electricians (up to 6 inspections)                  | \$1,094.57                            | \$1,130.69                            |
| 1 to 3 Plant Electricians (up to 12 inspections)                 | \$2,189.12                            | \$2,261.36                            |
| 4 to 6 Plant Electricians (up to 24 inspections)                 | \$4,381.88                            | \$4,526.48                            |
| 7 to 12 Plant Electricians (up to 36 inspections)                | \$6,570.48                            | \$6,787.31                            |
| 13 to 35 Plant Electricians (up to 52 inspections)               | \$8,761.47                            | \$9,050.60                            |
| 25 + Plant Electricians (up to 75 inspections)                   | \$10,953.08                           | \$11,314.53                           |
|                                                                  |                                       |                                       |
| Trip Fees - Rounded to nearest whole dollar                      |                                       |                                       |
| Inspection Requested but Not Ready                               | \$46.00                               | \$48.00                               |
| Each Additional Inspection Over 2 Per Permit                     | \$46.00                               | \$48.00                               |
| Inspection of Existing Installation                              | \$91.00                               | \$94.00                               |
| Progress Inspections Per 1/2 Hour (Minimum)                      | \$46.00                               | \$48.00                               |
|                                                                  |                                       |                                       |
| Plan Review                                                      | 35% of permit fee plus submission fee | 35% of permit fee plus submission fee |
|                                                                  |                                       |                                       |

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|                            |         |                            |
|----------------------------|---------|----------------------------|
| Plan Review Submission Fee | \$76.22 | <del>\$76.22</del> \$78.74 |
|                            |         |                            |
| Permit of Record           | \$30.00 | <del>\$30.00</del> \$31.00 |
|                            |         |                            |
| Minimum Fee (14)           | \$74.39 | <del>\$74.39</del> \$76.84 |

Footnotes:

1. A maximum of two inspections are provided per permit. Additional inspections will be subject to Trip Fee assessment.
2. Service and feed must be inspected together when using this fee. Inspections at different times requires a ~~\$58.00~~ \$60.00 fee for each inspection.
3. Scope of work is limited to wind, weather, vehicular or terminal failure damage to existing systems. May also include the repair or replacement of the mast, meter and conductors up to the first point of termination on the service or building disconnecting means. Relocated meters or masts and overhead-underground conversions shall be evaluated as altered services.
4. Altered or added circuits calculated per panelboard.
5. Service and feed must be inspected together when using this fee. Inspections at different times requires the Service Fee plus additional fee calculated Commercial Additional Feeders fee.
6. All field installed power transformers that are the source of a separately derived system shall have both their primary and secondary feeds identified/fee valued. All multi-section lighting and appliance branch circuit panelboards shall have each section evaluated/fee valued. All feeder taps that terminate in an overcurrent device rated 30 amps or larger shall be identified/fee valued.
7. Multiple section switch boards that have continuous, full ampacity bussing between sections shall be fee valued as single feeders Switchboard subsections that have reduced ampacity bussing and individual overcurrent protection for the section shall be evaluated as additional feeders.
8. Service and feed must be inspected together when using this fee. Inspections at different times requires an additional fee per the Service and Fee schedule.
9. Low voltage and telecommunications systems includes all telecommunication systems, fire alarms, burglar alarms, nurse call, intercom, security systems, energy management controls, HVAC/refrigeration control, industrial and automation control systems, lighting controls, stand alone sound systems, public address and similar low energy circuits and equipment in all occupancy except one and two family dwellings as regulated by the International Residential Code. Multiple low-voltage systems installed by a single contractor at a single address and ready for a single inspection, may be fee valued at one fee.
10. Service or feeder equipment installed exclusively to power a sign shall be fee valued at the Commercial Industrial Service fee schedule.



Exhibit A

11. Multiple sign faces and enclosures mounted on the same structure, each disconnecting means or set of disconnects to a separate enclosure shall be considered an individual sign. For outline lighting, neon channel letters and skeletal neon lighting, a sign will be defined as the sign transformer or power supply fed by a primary sign circuit.
12. Permanently installed generators shall be fee valued under the appropriate residential or commercial service/feeder schedule.
13. For commercial and industrial location employing full-time electrical maintenance staff or having a yearly maintenance contract with a licensed electrical contractor. All yearly maintenance contracts must detail the number of contract electricians necessary to do the work required under the contract. This number will be used for calculating the fees. Each inspection is based on a 2 hour maximum. Annual permits are valid for inspection at one facility (site) only.
14. The electrical permit fee shall be the calculated fee per the fee table or the minimum fee, whichever is greater, except Trip Fees which will be calculated from the fee schedule.

17.08.130 Fees

Table III. Mechanical Permit Fees.

Fees are per each item to be installed or altered.

|                                             | 2021    | 2022    |
|---------------------------------------------|---------|---------|
| Mechanical Permit Item (1)                  |         |         |
| Heating and Cooling                         |         |         |
| A/C or Heat Pump                            | \$13.62 | \$14.07 |
| Furnace < 100,000 BTU (ducts/vents)         | \$13.62 | \$14.07 |
| Furnace > 100,000 BTU (ducts/vents)         | \$17.98 | \$18.57 |
| Gas Heat Pump                               | \$13.62 | \$14.07 |
| Duct Work                                   | \$13.62 | \$14.07 |
| Hydronic Hot Water System                   | \$13.62 | \$14.07 |
| Residential Boiler (Radiator or Hydronic)   | \$13.62 | \$14.07 |
| Unit Heater (Recessed, Suspended, Etc.)     | \$13.62 | \$14.07 |
| Flue or Vent for Heating/Cooling            | \$13.62 | \$14.07 |
|                                             |         |         |
| Other Fuel Appliances                       |         |         |
| Water Heater                                | \$13.62 | \$14.07 |
| Gas Fireplace                               | \$13.62 | \$14.07 |
| Flue Vent for Water Heater or Gas Fireplace | \$13.62 | \$14.07 |
| Log Lighter (Gas)                           | \$13.62 | \$14.07 |
| Wood/Pellet Stove                           | \$13.62 | \$14.07 |
| Wood Fireplace/Insert                       | \$13.62 | \$14.07 |
| Chimney/Liner/Flue/Vent                     | \$13.62 | \$14.07 |
|                                             |         |         |
| Environmental Exhaust and Ventilation       |         |         |

Exhibit A

|                                                                         |                                             |                                          |
|-------------------------------------------------------------------------|---------------------------------------------|------------------------------------------|
| Range Hood or Kitchen Equipment                                         | \$13.62                                     | \$14.07                                  |
| Clothes Dryer Exhaust                                                   | \$13.62                                     | \$14.07                                  |
| Single Duct Exhaust                                                     | \$13.62                                     | \$14.07                                  |
| Attic/Crawl Space Fan                                                   | \$13.62                                     | \$14.07                                  |
|                                                                         |                                             |                                          |
| <b>Fuel Piping</b>                                                      |                                             |                                          |
| Fuel Piping: 1 - 4 Outlets                                              | \$5.57                                      | \$5.75                                   |
| Fuel Piping: More Than 4 Outlets, Each                                  | \$1.24                                      | \$1.28                                   |
|                                                                         |                                             |                                          |
| <b>Mechanical Annual Permit for Commercial Industrial Locations (4)</b> |                                             |                                          |
| 1 to 3 Plant Mechanical Technicians (up to 6 inspections)               | \$1,094.57                                  | \$1,130.69                               |
| 1 to 3 Plant Mechanical Technicians (up to 12 inspections)              | \$2,189.12                                  | \$2,261.36                               |
| 4 to 6 Plant Mechanical Technicians (up to 24 inspections)              | \$4,381.88                                  | \$4,526.48                               |
| 7 to 12 Plant Mechanical Technicians (up to 36 inspections)             | \$6,570.48                                  | \$6,787.31                               |
| 13 to 35 Plant Mechanical Technicians (up to 52 inspections)            | \$8,761.48                                  | \$9,050.61                               |
| 25+ Plant Mechanical Technicians (up to 75 inspections)                 | \$10,953.07                                 | \$11,314.52                              |
|                                                                         |                                             |                                          |
| <b>Plan Review Fee</b>                                                  | 35% of Permit Fee<br>Plus Submission<br>Fee | 35% of Permit Fee<br>Plus Submission Fee |
|                                                                         |                                             |                                          |
| Plan Review Submission Fee                                              | \$76.22                                     | \$78.74                                  |
|                                                                         |                                             |                                          |
| <b>Other (2)</b>                                                        |                                             |                                          |
| Minimum Fee: Gas Water Heater (3)                                       | \$63.84                                     | \$65.95                                  |
| Minimum Fee: All Others                                                 | \$74.39                                     | \$76.84                                  |
|                                                                         |                                             |                                          |
| <b>Trip Fees - Rounded to nearest whole dollar</b>                      |                                             |                                          |
| Inspection Requested but Not Ready                                      | \$46.00                                     | \$48.00                                  |
| Each Additional Inspection Over 2 Per Permit                            | \$46.00                                     | \$48.00                                  |
| Inspection of Existing Installation                                     | \$91.00                                     | \$94.00                                  |
| Progress Inspections Per 1/2 Hour (Minimum)                             | \$46.00                                     | \$48.00                                  |
| Minimum Fee (2)                                                         | \$74.39                                     | \$76.84                                  |

Footnotes:

# Exhibit A

- 1. A maximum of two inspections are provided with each permit. Additional inspections will be assessed a trip fee.
- 2. The mechanical permit fee shall be the calculated fee per the fee table or the minimum fee, whichever is greater.
- 3. For replacement in like kind, requiring no new power/fuel source or venting system.
- 4. For commercial and industrial location employing full-time mechanical maintenance staff or having a yearly maintenance contract with a licensed mechanical contractor. All yearly maintenance contracts must detail the number of contract mechanical technicians necessary to do the work required under the contract. This number will be used for calculating the fees. Each inspection is based on a 2-hour maximum. Annual permits are valid for inspection at one facility (site) only.

17.08.130 Fees

Table IV. Plumbing Permit Fees.

Fees are per each item to be installed or altered.

|                                             | 2021    | 2022    |
|---------------------------------------------|---------|---------|
| Plumbing Item (1)                           |         |         |
| Site Utilities                              |         |         |
| Catch Basin                                 | \$14.26 | \$14.73 |
| Drywell, leach line, trench drain           | \$14.26 | \$14.73 |
| Manufactured home utilities                 | \$92.90 | \$95.97 |
| Manholes                                    | \$14.26 | \$14.73 |
| Rain Drain Connector                        | \$14.26 | \$14.73 |
| Footing Drain (1st 100 feet)                | \$46.47 | \$48.00 |
| Footing Drain (Each Additional 100 Feet)    | \$39.04 | \$40.33 |
| Sanitary Service (1st 100 feet)             | \$46.47 | \$48.00 |
| Sanitary Service (Each Additional 100 Feet) | \$39.04 | \$40.33 |
| Storm Service (1st 100 Feet)                | \$46.47 | \$48.00 |
| Storm Service (Each Additional 100 Feet)    | \$39.04 | \$40.33 |
| Water Service (1st 100 Feet)                | \$46.47 | \$48.00 |
| Water Service (Each Additional 100 Feet)    | \$39.04 | \$40.33 |
|                                             |         |         |
| Fixture or Item                             |         |         |
| Absorption Value                            | \$14.26 | \$14.73 |
| Backflow Preventer: Commercial              | \$39.04 | \$40.33 |
| Backflow Preventer: Residential             | \$22.94 | \$23.70 |
| Backwater Valve                             | \$14.26 | \$14.73 |
| Clothes Washer                              | \$14.26 | \$14.73 |
| Dishwasher                                  | \$14.26 | \$14.73 |
| Drinking Fountain                           | \$14.26 | \$14.73 |
| Ejectors/Sump Pump                          | \$14.26 | \$14.73 |
| Expansion Tank                              | \$14.26 | \$14.73 |
| Fixture/Sewer Cap                           | \$14.26 | \$14.73 |

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|                                                                |                                                                        |                                                                        |
|----------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------|
| Floor Drain/Floor Sink/Hub                                     | \$14.26                                                                | \$14.73                                                                |
| Garbage Disposal                                               | \$14.26                                                                | \$14.73                                                                |
| Hose Bib                                                       | \$14.26                                                                | \$14.73                                                                |
| Ice Maker                                                      | \$14.26                                                                | \$14.73                                                                |
| Interceptor/Grease Trap                                        | \$14.26                                                                | \$14.73                                                                |
| Primer                                                         | \$14.26                                                                | \$14.73                                                                |
| Rain Drain: Commercial                                         | \$14.26                                                                | \$14.73                                                                |
| Rain Drain: Single-Family Residential                          | \$55.19                                                                | \$57.01                                                                |
| Sink/Basin/Lavatory                                            | \$14.26                                                                | \$14.73                                                                |
| Tub/Shower/Shower Pan                                          | \$14.26                                                                | \$14.73                                                                |
| Urinal                                                         | \$14.26                                                                | \$14.73                                                                |
| Water Closet                                                   | \$14.26                                                                | \$14.73                                                                |
| Water Heater                                                   | \$14.26                                                                | \$14.73                                                                |
|                                                                |                                                                        |                                                                        |
| Medical Gas Systems (Valuation)                                |                                                                        |                                                                        |
| \$1 - \$5,000 Valuation                                        | \$63.13                                                                | \$65.21                                                                |
| \$5,001 - \$10,000 Valuation                                   | \$63.13 plus \$1.24 for each \$1,000 or fraction thereof over \$5,000  | \$65.21 plus \$1.28 for each \$1,000 or fraction thereof over \$5,000  |
| \$10,001 and over Valuation                                    | \$69.33 plus \$1.24 for each \$1,000 or fraction thereof over \$10,000 | \$71.62 plus \$1.28 for each \$1,000 or fraction thereof over \$10,000 |
|                                                                |                                                                        |                                                                        |
| Other (2)                                                      |                                                                        |                                                                        |
| Minimum Fee: Electrical Water Heater                           | \$63.84                                                                | \$65.95                                                                |
| Minimum Fee: Residential Backflow                              | \$63.84                                                                | \$65.95                                                                |
| Minimum Fee: All Other                                         | \$74.39                                                                | \$76.84                                                                |
|                                                                |                                                                        |                                                                        |
| Plumbing Annual Permit for Commercial Industrial Locations (3) |                                                                        |                                                                        |
| 1 to 3 Plant Plumbers (up to 6 inspections)                    | \$1,094.57                                                             | \$1,130.69                                                             |
| 1 to 3 Plant Plumbers Technicians (up to 12 inspections)       | \$2,189.12                                                             | \$2,261.36                                                             |
| 4 to 6 Plant Plumbers (up to 24 inspections)                   | \$4,381.88                                                             | \$4,526.48                                                             |
| 7 to 12 Plant Plumbers (up to 36 inspections)                  | \$6,570.48                                                             | \$6,787.31                                                             |
| 13 to 35 Plant Plumbers (up to 52 inspections)                 | \$8,761.47                                                             | \$9,050.60                                                             |
| 25+ Plant Plumbers (up to 75 inspections)                      | \$10,953.07                                                            | \$11,314.53                                                            |
|                                                                |                                                                        |                                                                        |

Exhibit A

| Plan Review Fee                              | 35% of Permit Fee<br>Plus Submission<br>Fee | 35% of Permit Fee<br>Plus Submission Fee |
|----------------------------------------------|---------------------------------------------|------------------------------------------|
| Plan Review Submission Fee                   | \$76.22                                     | \$78.74                                  |
|                                              |                                             |                                          |
| Trip Fees - Rounded to nearest whole dollar  |                                             |                                          |
| Inspection Requested but Not Ready           | \$46.00                                     | \$48.00                                  |
| Each Additional Inspection Over 2 Per Permit | \$46.00                                     | \$48.00                                  |
| Inspection of Existing Installation          | \$91.00                                     | \$94.00                                  |
| Progress Inspections Per 1/2 Hour (Minimum)  | \$46.00                                     | \$48.00                                  |
| Minimum Fee (2)                              | \$74.39                                     | \$76.84                                  |

Footnotes:

1. A maximum of two inspections are provided with the permit. Additional inspections will be assessed a Trip Fee.
2. The plumbing permit fee shall be the calculated fee per the fee table or the minimum fee, whichever is greater.
3. For commercial and industrial location employing full-time plumbing maintenance staff or having a yearly maintenance contract with a licensed plumbing contractor. All yearly maintenance contracts must detail the number of contract plumbers necessary to do the work required under the contract. This number will be used for calculating the fees. Each inspection is based on a 2-hour maximum. Annual permits are valid for inspection at one facility (site) only.

VALUATION BASED FEES (4.1 Table IV.1) ON NEXT TAB

17.08.130 Fees

Table V. Plan Review Fees

| Review                                                         | Fee                                                          |
|----------------------------------------------------------------|--------------------------------------------------------------|
| Building Plan Review                                           | 65% of Building Permit Fee<br>(100% for "Fast Track" Review) |
| Single Permit Plan Review                                      | 50% of Single Permit Fee<br>(77% for "Fast Track" Review)    |
| Fire Plan Review<br>(Commercial and Multi-Family Permits Only) | 65% of the Fire Building Permit Fee                          |
| Mechanical or Plumbing Plan Review                             | 35% of Permit Fee                                            |
| Electrical Plan Review                                         | 35% of Permit Fee plus Submission Fee                        |

Exhibit A

17.08.130 Fees

Table VI. Grading and erosion control permit and plan review fees.

|                                             | 2021 FEES       | 2021 FEES         | 2022 FEES       | 2022 FEES         |
|---------------------------------------------|-----------------|-------------------|-----------------|-------------------|
| BUILDING - GRADING AND EROSION CONTROL      | Plan Review Fee | Permit Fee        | Plan Review Fee | Permit Fee        |
| 10 to 50 c.y.                               |                 | \$29.13           |                 | \$30.09           |
| 51 to 100 c.y.                              | \$29.13         | \$45.87           | \$30.09         | \$47.38           |
| 101 to 1,000 c.y.                           |                 |                   |                 |                   |
| Base Fee                                    | \$45.87         | \$45.87           | \$47.38         | \$47.38           |
| Plus fee per 100 c.y. (or fraction thereof) |                 | \$21.69           |                 | \$22.41           |
| 1,001 to 10,000 c.y.                        |                 |                   |                 |                   |
| Base Fee                                    | \$61.07         | \$241.16          | \$63.09         | \$249.12          |
| Plus per 1,000 c.y. (or fraction thereof)   |                 | \$17.98           |                 | \$18.57           |
| 10,001 to 100,000 c.y.                      |                 |                   |                 |                   |
| Base fee for first 10,000 c.y.              | \$61.07         | \$402.97          | \$63.09         | \$416.27          |
| Plus per 10,000 c.y. (or fraction thereof)  | \$30.37         | \$81.85           | \$31.37         | \$84.55           |
| 100,001 to 200,000 c.y.                     |                 |                   |                 |                   |
| Base fee for first 100,000 c.y.             | \$334.47        | \$1,139.49        | \$345.51        | \$1,177.09        |
| Plus per 10,000 c.y. (or fraction thereof)  | \$16.42         | \$45.25           | \$16.96         | \$46.74           |
| 200,001 c.y. or more                        |                 |                   |                 |                   |
| Base fee for first 200,000 c.y.             | \$498.77        | Use 100,001 above | \$515.23        | Use 100,001 above |
| Plus per 10,000 c.y. (or fraction thereof)  | \$9.00          | Use 100,001 above | \$9.30          | Use 100,001 above |

17.08.130 Fees

Table VII. Fire Fees

|                                        |                                         | 2021 FEES | 2021 FEES             | 2022 FEES | 2022 FEES             |
|----------------------------------------|-----------------------------------------|-----------|-----------------------|-----------|-----------------------|
| No.                                    | Activity                                | Base Fee  | Per Head<br>or Device | Base Fee  | Per Head<br>or Device |
| FIRE PROTECTION SYSTEMS AND COMPONENTS |                                         |           |                       |           |                       |
| 1.                                     | Fire Pumps (each pump)                  |           |                       |           |                       |
|                                        | a) Review                               | \$ 267.00 |                       | \$ 289.60 |                       |
|                                        | b) Inspection                           | \$ 718.00 |                       | \$ 778.78 |                       |
| 2.                                     | Stand Pipes System (each stand pipe)    |           |                       |           |                       |
|                                        | a) Review                               | \$ 100.00 |                       | \$ 108.47 |                       |
|                                        | b) Inspection                           | \$ 201.00 |                       | \$ 218.01 |                       |
| 3.                                     | Underground Fire Service (each lateral) |           |                       |           |                       |
|                                        | a) Review                               | \$ 71.00  |                       | \$ 77.01  |                       |
|                                        | b) Inspection                           | \$ 201.00 |                       | \$ 218.01 |                       |
| 4.                                     | Fire Sprinklers (each system)           |           |                       |           |                       |
|                                        | a) Review                               | \$ 215.00 | \$ 2.15               | \$ 233.20 | \$ 2.33               |
|                                        | b) Inspection                           | \$ 215.00 | \$ 3.56               | \$ 233.20 | \$ 3.86               |



Exhibit A

|    |                                                                                                                                                                                                                                                                                       |           |         |           |         |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------|-----------|---------|
| B. | Fire Sprinkler Tenant Improvements:                                                                                                                                                                                                                                                   |           |         |           |         |
|    | Category 1: AFFIDAVIT 1 TO 10 heads:                                                                                                                                                                                                                                                  |           |         |           |         |
|    | (Limited to arm-overs and drops with a head location diagram for inspection reference)                                                                                                                                                                                                |           |         |           |         |
|    | a) Review                                                                                                                                                                                                                                                                             | \$ -      | \$ -    |           |         |
|    | b) Inspection                                                                                                                                                                                                                                                                         | \$ 71.00  | \$ -    | \$ 77.01  |         |
|    |                                                                                                                                                                                                                                                                                       |           |         |           |         |
|    | Category 2: AFFIDAVIT 11 to 20 heads:                                                                                                                                                                                                                                                 |           |         |           |         |
|    | (Limited to arm-overs and drops in a light hazard occupancy with a head location diagram for inspection reference)                                                                                                                                                                    |           |         |           |         |
|    | a) Review                                                                                                                                                                                                                                                                             | \$ -      | \$ -    |           |         |
|    | b) Inspection                                                                                                                                                                                                                                                                         | \$ 144.00 | \$ -    | \$ 156.19 |         |
|    |                                                                                                                                                                                                                                                                                       |           |         |           |         |
|    | Category 3: Fire Sprinkler alterations that involve only changing heads of the same performance characteristics and minor adjustments to drop lengths:                                                                                                                                |           |         |           |         |
|    | a) Review                                                                                                                                                                                                                                                                             | \$ -      |         |           |         |
|    | b) Inspections                                                                                                                                                                                                                                                                        | \$ 144.00 | \$ 2.15 | \$ 156.19 | \$ 2.33 |
|    | Caterfory 4: Fire Sprinkler system alterations or additions that don't fall under Caterfory 1,2, or 3:                                                                                                                                                                                |           |         |           |         |
|    | (With full Plans)                                                                                                                                                                                                                                                                     |           |         |           |         |
|    | a) Review                                                                                                                                                                                                                                                                             | \$ 71.00  | \$ 0.69 | \$ 77.01  | \$ 0.75 |
|    | b) Inspections                                                                                                                                                                                                                                                                        | \$ 144.00 | \$ 2.15 | \$ 156.19 | \$ 2.33 |
|    |                                                                                                                                                                                                                                                                                       |           |         |           |         |
| C. | Dry Pipe, Antifreeze, Pre-Action (each in addition to fire sprinkler system)                                                                                                                                                                                                          |           |         |           |         |
|    | a) Review                                                                                                                                                                                                                                                                             | \$ 100.00 |         | \$ 108.47 |         |
|    | b) Inspection                                                                                                                                                                                                                                                                         | \$ 201.00 |         | \$ 218.01 |         |
| 5. | Clean Agent System (CO2, FM-200, Inergen, etc.)                                                                                                                                                                                                                                       |           |         |           |         |
|    | a) Review                                                                                                                                                                                                                                                                             | \$ 358.00 |         | \$ 388.30 |         |
|    | b) Inspection                                                                                                                                                                                                                                                                         | \$ 503.00 |         | \$ 545.58 |         |
| 6. | Commercial Cooking Hood and Duct Protection (per new system)                                                                                                                                                                                                                          |           |         |           |         |
|    | a) Review                                                                                                                                                                                                                                                                             | \$ 258.00 |         | \$ 279.84 |         |
|    | b) Inspection                                                                                                                                                                                                                                                                         | \$ 173.00 |         | \$ 187.64 |         |
|    |                                                                                                                                                                                                                                                                                       |           |         |           |         |
|    | Commercial Cooking Hood and Duct Protection Minor Revisions ( Permit not required if modification is limited to normal maintenance, replacing or reconfiguring heads and no increase in flow points used.) Applicant to notify Fire Marshals's Office of loaction and extenf of work. |           |         |           |         |
|    | a) Review                                                                                                                                                                                                                                                                             | \$ -      |         |           |         |
|    | b) Inspection                                                                                                                                                                                                                                                                         | \$ -      |         |           |         |
| 7. | Fire Alarm Systems - Minor (additions, no new panel, up to 10 devices)                                                                                                                                                                                                                |           |         |           |         |

Exhibit A

|               |                                                                                                                                                                        |                                                    |                  |           |           |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------|-----------|-----------|
|               | Category 1: Affidavit 1-4 devices (limited to spot smoke or heat detectors, horn/stobes, strobes, horns, mini-horns, manual pull stations or one communication device) |                                                    |                  |           |           |
|               | a) Review                                                                                                                                                              | No Review Fees for Fire Alarms Minor per Ordinance |                  |           |           |
|               | b) Inspections                                                                                                                                                         | \$ 125.00                                          |                  | \$ 135.58 |           |
|               | Category 2: Modifications of up to 10 devices not qualifying for affidavit (e.g., additions, no new panel)                                                             |                                                    |                  |           |           |
|               | a) Review                                                                                                                                                              | \$ 71.00                                           | \$ 2.87          | \$ 77.01  | \$ 3.11   |
|               | b) Inspections                                                                                                                                                         | \$ 144.00                                          | \$ 7.20          | \$ 156.19 | \$ 7.81   |
| 8.            | Fire Alarm Systems - Major (new panel or 11+ devices, central station)                                                                                                 |                                                    |                  |           |           |
|               | a) Review                                                                                                                                                              | \$ 215.00                                          | \$ 2.87          | \$ 233.20 | \$ 3.11   |
|               | b) Inspection                                                                                                                                                          | \$ 215.00                                          | \$ 7.20          | \$ 233.20 | \$ 7.81   |
| OTHER PERMITS |                                                                                                                                                                        |                                                    |                  |           |           |
| 9.            | Underground Tank Demolition (each tank)                                                                                                                                |                                                    |                  |           |           |
|               | a) Review                                                                                                                                                              | \$ -                                               | \$ -             |           |           |
|               | b) Inspection                                                                                                                                                          | \$ 25.00                                           | \$ -             | \$ 27.12  |           |
| 10.           | Smoke Control Systems (up to 3 shafts)                                                                                                                                 |                                                    | Each add'l shaft |           |           |
|               | a) Review                                                                                                                                                              | \$ 431.00                                          | \$ 144.00        | \$ 467.48 | \$ 156.19 |
|               | b) Inspections                                                                                                                                                         | \$ 860.00                                          | \$ 287.00        | \$ 932.80 | \$ 311.29 |
|               |                                                                                                                                                                        |                                                    |                  |           |           |
|               | Other Smoke Control (atriums, malls, others)                                                                                                                           |                                                    |                  |           |           |
|               | a) Review                                                                                                                                                              | \$ 431.00                                          | \$ 144.00        | \$ 467.48 | \$ 156.19 |
|               | b) Inspections                                                                                                                                                         | \$ 860.00                                          | \$ 287.00        | \$ 932.80 | \$ 311.29 |
| TRIP FEES     |                                                                                                                                                                        |                                                    |                  |           |           |
| 11.           | Trip Fee Assessment                                                                                                                                                    | \$ 53.00                                           |                  | \$ 57.49  |           |

17.08.130 Fees Footnotes

Footnotes:

1. Trip Fees are intended to recover actual costs and may be assessed where the requested inspections are for work that is not ready for inspection, the work is not accessible for inspection, or the appropriate personnel or documentation is not on site.

G 8. Other inspection and service fees

a. Other inspections outside of the normal business hours (8:00 a.m./5:00 p.m.) shall be a minimum fee of ~~\$288.00~~ \$296.00 per inspector providing a maximum of two hours of inspection per trip. Additional consecutive hours of inspection are ~~\$144.00~~ \$148.00 per hour per inspector. Inspector is defined as a building inspector, electrical inspector and/or a deputy fire marshal.

b. Re-inspection fees when required shall be ~~\$144.00~~ \$148.00 per hour, with a minimum of ~~\$72.00~~ \$74.00 per inspection.

c. Inspections for which no fee is established shall be ~~\$144.00~~ \$148.00 per hour, with a minimum of ~~\$72.00~~ \$74.00 per inspection



# Exhibit A

- d. Additional plan review time required due to changes or revisions to already approved construction documents and plans shall be calculated at ~~\$144.00~~ **\$148.00** per hour, but shall not exceed an amount equal to the original plan check fee. Major revisions to construction documents or plans after approval or during plan review shall require a new plan review fee.
- e. There shall be a ~~\$30.00~~ **\$31.00** issuance fee added for each permit identified in Tables I (Building Permit Fees), VI (Grading and Erosion Control Permit and Plan Review Fees), and VII (Fire Fees).
- f. Permit fees not clearly defined by this section, or fees that are found by the building official and/or fire code official to be inequitable using a valuation base, shall be determined by the building official and/or fire code official by using a rational cost-of-service analysis. Fee determinations in such cases shall be made available to the public and disseminated to the applicable segments of the construction industry for use in future such cases.
- g. Expiration date extension fee. A fee of \$40.00 shall be assessed to process a permit expiration date extension request for CMI and RES permits. A fee of \$26.00 shall be assessed to process expiration date extension requests for other permit types covered under this title.
- h. *Fee refunds* . Requests for fee refunds must be made in writing by the permittee. The building official and/or fire official may authorize refund of a fee paid as follows:
- i. Refunding of not more than 80 percent of the permit fee paid when no work has commenced under a permit issued in accordance with this code.
  - ii. Authorize refunding of not more than 80 percent of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any examination time has been expended.
  - iii. There shall be no refunding of any fee paid except upon written application filed by the original applicant no later than 180 days after the date of fee payment.
- i. *Re-inspection/Trip Fees*. A re-inspection/trip fee may be assessed for each inspection or re-inspection when such portion of work for which inspection is called for is not complete or when corrections called for are not made.
- i. Re-inspection/trip fees are designed to discourage the practice of calling for inspections before the job is ready for such inspection or re-inspection.
  - ii. Re-inspection/trip fees may also be assessed under the following circumstances:
    - A. When the inspection record card and permit is not posted or otherwise available on the work site.
    - B. When approved plans are not readily available to the inspector for failure to provide access on the date the inspection is scheduled.
    - C. When there is deviation from the approved plans.
    - D. When required corrections have not been completed upon request for re-inspection.
    - E. When the cost per hour of inspection or re-inspection has exceeded the permit fee paid. A minimum of three inspections per category are allowed for all "single permit fee" permits.
  - iii. The permittee or their designated agent shall pay the required fee as set forth in the fee schedule and noted in the re-inspection/trip fee notice.
  - iv. In instances where re-inspection/trip fees have been assessed, additional inspection of the work will not be performed until the required fee has been paid.
  - v. Reinspection/trip fees will be assessed on Electrical, Plumbing and Mechanical Permits where the number of requested inspections exceeds two. Reinspection fees may be assessed on all other permits where the number of requested inspections in a required inspection category exceeds three. See VMC 17.08.090(G) for limited trade reinspection fee requirements.
- j. *Work commencing before permit issuance*. Any person who commences any work on a building, structure, electrical, gas, mechanical, plumbing system, fire sprinkler, fire alarm system and/or other fire code permits before obtaining the necessary permits shall be subject to an investigation fee established by the building official and/or fire code official in addition to the required fees as set forth in this code.
- i. The investigation fee for work commencing before permit issuance shall be the same as the required permit fees contained in the fee tables.
  - ii. The investigation fee shall be paid prior to or at the time of the permit issuance.
  - iii. The payment of the investigation fee shall not exempt an applicant from compliance with all provisions of the Vancouver Municipal Code or other applicable laws.
  - iv. Such investigation fees may be in addition to any other penalty assessed under VMC Title 22.

(Ord. M-4247 § 3, 2018; ACM dated 12/12/2018, CPI Increase; ACM dated 11/7/2018, CPI Increase; ACM dated 12/19/2017, CPI Increase; ACM dated 11/23/2016, CPI Increase; Ord. M-4165 § 4, 2016; ACM dated 12/31/2015, CPI Increase; Ord. M-4079 § 11, 2014; ACM dated 1/1/2014, CPI Increase; Ord. M-4052 § 7, 2013; Ord. M-4034 § 40, 2012; Ord. M-4013 § 1, 2012; ACM dated 1/4/2012, CPI Increase; ACM dated 12/1/2010, CPI Increase per 17.08.130; Ord. M-3958 § 14, 2010; ACM dated 12/14/2009, Calculation Error In Table I; Ord. M-3932 § 1, 2009; Ord. M-3895 § 1, 2008; Ord. M-3883 § 1, 2008; Ord. M-3863 § 9, 2008; Ord. M-3748 § 1, 2006; Ord. M-3660 § 4, 2004)

# Exhibit A

## 17.08.130 Fees

### TABLE I Building Permit Fees

#### 2021 Fees

| Valuation                          | Permit Fees                                                                                                                                                                            |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| \$1 to \$500                       | \$29.13                                                                                                                                                                                |
| \$501 to \$2,000                   | \$29.13 for the first \$500 plus \$3.78 for each additional \$100 or fraction thereof up to and including \$2,000                                                                      |
| \$2,001 to \$25,000                | \$85.86 for the first \$2,000 plus \$17.36 for each additional \$1,000 or fraction thereof up to and including \$25,000                                                                |
| \$25,001 to \$50,000               | \$485.49 for the first \$25,000 plus \$12.51 for each additional \$1,000 or fraction thereof up to and including \$50,000                                                              |
| \$50,001.00 to \$100,000.00        | \$798.54 for the first \$50,000 plus \$8.67 for each additional \$1,000 or fraction thereof up to and \$100,000                                                                        |
| \$100,001 to \$500,000             | \$1,232.07 for the first \$100,000 plus \$6.92 for each additional \$1,000 or fraction thereof up to and including \$500,000                                                           |
| \$500,001 to \$1,000,000           | \$4,003.05 for the first \$500,000 plus \$5.89 for each additional \$1,000 or fraction thereof                                                                                         |
| \$1,000,001 & Up                   | \$6,948.35 for the first \$1,000,000 plus \$3.90 for each additional \$1,000 or fraction thereof                                                                                       |
| Manufactured Structures Set-Up Fee | \$178.56 per section, with a minimum fee of \$357.12 per permit (this fee is in addition to the valuation-based fee for the site improvements required in addition to the set-up fee). |

## 17.08.130 Fees

### TABLE I Building Permit Fees

#### 2022 Fees

| Valuation                          | Permit Fees                                                                                                                                                                                          |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| \$1 to \$500                       | <b>\$30.09</b>                                                                                                                                                                                       |
| \$501 to \$2,000                   | <b>\$30.09</b> for the first \$500 plus <b>\$3.90</b> for each additional \$100 or fraction thereof up to and including \$2,000                                                                      |
| \$2,001 to \$25,000                | <b>\$88.69</b> for the first \$2,000 plus <b>\$17.93</b> for each additional \$1,000 or fraction thereof up to and including \$25,000                                                                |
| \$25,001 to \$50,000               | <b>\$501.51</b> for the first \$25,000 plus <b>\$12.92</b> for each additional \$1,000 or fraction thereof up to and including \$50,000                                                              |
| \$50,001.00 to \$100,000.00        | <b>\$824.89</b> for the first \$50,000 plus <b>\$8.96</b> for each additional \$1,000 or fraction thereof up to and \$100,000                                                                        |
| \$100,001 to \$500,000             | <b>\$1,272.73</b> for the first \$100,000 plus <b>\$7.15</b> for each additional \$1,000 or fraction thereof up to and including \$500,000                                                           |
| \$500,001 to \$1,000,000           | <b>\$4,135.15</b> for the first \$500,000 plus <b>\$6.08</b> for each additional \$1,000 or fraction thereof                                                                                         |
| \$1,000,001 & Up                   | <b>\$7,177.65</b> for the first \$1,000,000 plus <b>\$4.03</b> for each additional \$1,000 or fraction thereof                                                                                       |
| Manufactured Structures Set-Up Fee | <b>\$184.45</b> per section, with a minimum fee of <b>\$368.90</b> per permit (this fee is in addition to the valuation-based fee for the site improvements required in addition to the set-up fee). |

Footnotes:

1. For Commercial and Multi-Family Residential permits, an additional fee per **Table IV.1 - Fire - Building Permit Fees** shall be added to the amounts listed in Table I - Building Permit Fees, to cover actual costs relating to Fire Department acceptance inspection work.

## 17.08.130 Fees

**4.1 Table IV.1 - These fees apply to multi-family residential and commercial building permits for approval and acceptance by the Vancouver Fire Marshal's Office.**

# Exhibit A

## 2021 Fees

| Valuation                          | Permit Fees                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| \$1 to \$500                       | \$13.03                                                                                                                      |
| \$501 to \$2,000                   | \$13.03 for the first \$500 plus \$0.34 for each additional \$100 or fraction thereof up to and including \$2,000            |
| \$2,001 to \$25,000                | \$18.05 for the first \$2,000 plus \$1.30 for each additional \$1,000 or fraction thereof up to and including \$25,000       |
| \$25,001 to \$50,000               | \$48.06 for the first \$25,000 plus \$0.98 for each additional \$1,000 or fraction thereof up to and including \$50,000      |
| \$50,001 to \$100,000              | \$72.30 for the first \$50,000 plus \$0.63 for each additional \$1,000 or fraction thereof up to and including \$100,000     |
| \$100,001 to \$500,000             | \$104.61 for the first \$100,000 plus \$0.57 for each additional \$1,000 or fraction thereof up to and including \$500,000   |
| \$500,001 to \$1,000,000           | \$334.35 for the first \$500,000 plus \$0.53 for each additional \$1,000 or fraction thereof up to and including \$1,000,000 |
| \$1,000,001 & up                   | \$597.61 for the first \$1,000,000 plus \$0.34 for each additional \$1,000 or fraction thereof                               |
| Manufactured Structures Set-Up Fee | \$13.03 per section, with a minimum fee of \$26.07 per permit                                                                |

## 17.08.130 Fees

### 4.1 Table IV.1

## 2022 Fees

| Valuation                          | Permit Fees                                                                                                                                |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| \$1 to \$500                       | <b>\$13.46</b>                                                                                                                             |
| \$501 to \$2,000                   | <b>\$13.46</b> for the first \$500 plus <b>\$0.35</b> for each additional \$100 or fraction thereof up to and including \$2,000            |
| \$2,001 to \$25,000                | <b>\$18.65</b> for the first \$2,000 plus <b>\$1.34</b> for each additional \$1,000 or fraction thereof up to and including \$25,000       |
| \$25,001 to \$50,000               | <b>\$49.65</b> for the first \$25,000 plus <b>\$1.01</b> for each additional \$1,000 or fraction thereof up to and including \$50,000      |
| \$50,001 to \$100,000              | <b>\$74.69</b> for the first \$50,000 plus <b>\$0.65</b> for each additional \$1,000 or fraction thereof up to and including \$100,000     |
| \$100,001 to \$500,000             | <b>\$108.06</b> for the first \$100,000 plus <b>\$0.59</b> for each additional \$1,000 or fraction thereof up to and including \$500,000   |
| \$500,001 to \$1,000,000           | <b>\$345.38</b> for the first \$500,000 plus <b>\$0.55</b> for each additional \$1,000 or fraction thereof up to and including \$1,000,000 |
| \$1,000,001 & up                   | <b>\$617.33</b> for the first \$1,000,000 plus <b>\$0.35</b> for each additional \$1,000 or fraction thereof                               |
| Manufactured Structures Set-Up Fee | <b>\$13.46</b> per section, with a minimum fee of <b>\$26.93</b> per permit                                                                |

# Exhibit A

## 20.180.080 Fire Review Fees

| Table 20.180.080 - Fire Review Fees |                                                          |             |             |
|-------------------------------------|----------------------------------------------------------|-------------|-------------|
|                                     |                                                          | 2021        | 2022        |
| Section                             | Activity                                                 | Fee         | Fee         |
| <b>1.</b>                           | <b>Planning and Development Review</b>                   |             |             |
| <b>A.</b>                           | Site Plan Review                                         |             |             |
| <b>1.</b>                           | Type I                                                   | \$ 310.00   | \$ 320.00   |
| <b>2.</b>                           | Type II                                                  | \$ 861.00   | \$ 889.00   |
| <b>3.</b>                           | All other site plan reviews (e.g., post decision review) | \$ 310.00   | \$ 320.00   |
| <b>B.</b>                           | Land Divisions                                           |             |             |
| <b>1.</b>                           | Short Subdivision (9 lots or less)                       | \$ 861.00   | \$ 889.00   |
| <b>2.</b>                           | Subdivision (10 lots or more)                            |             |             |
| <b>a.</b>                           | Base Fee for first 23 lots                               | \$ 1,293.00 | \$ 1,336.00 |
| <b>b.</b>                           | Plus Fee per lot over 23                                 | \$ 48.00    | \$ 50.00    |
| <b>C.</b>                           | Planned Development                                      |             |             |
| <b>a.</b>                           | Base Fee for up to 23 lots                               | \$ 1,293.00 | \$ 1,336.00 |
| <b>b.</b>                           | Plus fees for lot over 23                                | \$ 58.00    | \$ 50.00    |
| <b>D.</b>                           | Fire Official Review                                     | \$ 262.00   | \$ 262.00   |
| <b>E.</b>                           | All Other Land Use applications                          | \$ 216.00   | \$ 223.00   |

This fee was incorrect last year it should have been \$48.00 that is why it's \$50.00 this year.

No change | This needs to be removed by Fire Marshal on the next Code update per Heidi Scarpelli in 2019

# Exhibit A

## 20.180.060 Planning Fees

Table 20.180.060

|         |                                                                     | 2021 FEES                            | 2022 FEES                            |
|---------|---------------------------------------------------------------------|--------------------------------------|--------------------------------------|
| Section | Activity                                                            |                                      |                                      |
| 1.      | Address Changes                                                     | \$491.00                             | \$507.00                             |
| 2.      | Airport height combining district                                   | \$700.00                             | \$723.00                             |
| 3.      | Appeals (to Hearing Examiner, Planning Commission, or City Council) |                                      |                                      |
| A.      | Filed by a recognized city neighborhood association                 | \$149.00                             | \$154.00                             |
| B.      | Involving an individual single-family or duplex lot                 | \$689.00                             | \$712.00                             |
| C.      | All other (see SEPA fees for SEPA procedural appeal fee)            | \$1,969.00                           | \$2,034.00                           |
| 4.      | Archaeological Review                                               |                                      |                                      |
| A.      | Pre-Determinations                                                  |                                      |                                      |
| 1.      | Base Fee                                                            | \$641.00                             | \$662.00                             |
| 2.      | Plus fee per acre for each acre more than 5                         | \$108.00                             | \$112.00                             |
| B.      | Surveys and other special studies                                   | Cost Recovery <sup>2</sup>           | Cost Recovery <sup>2</sup>           |
| 5.      | Binding site plan                                                   |                                      |                                      |
| A.      | Conceptual – Requiring subsequent site plan review                  |                                      |                                      |
| 1.      | Same as comparable short subdivision or subdivision                 | See short subdivision or subdivision | See short subdivision or subdivision |
| B.      | Detailed – Not requiring subsequent site plan review                |                                      |                                      |
| 1.      | Same as comparable short subdivision or subdivision                 | See short subdivision or subdivision | See short subdivision or subdivision |
| 2.      | Plus one half (1/2) comparable site plan review                     | See site plan review                 | See site plan review                 |
| 6.      | Boundary Line Adjustments                                           |                                      |                                      |
|         | Base fee                                                            | \$1,034.00                           | \$1,068.00                           |

# Exhibit A

|            |                                                                                                                                                                       |             |             |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
|            | Plus fee per lot for each additional lot more than two                                                                                                                | \$335.00    | \$346.00    |
| <b>7.</b>  | <b>Comprehensive Plan Amendments (includes rezone in conjunction with plan amendment)</b>                                                                             | \$13,588.00 | \$14,036.00 |
| <b>8.</b>  | <b>Conditional Use Permit</b>                                                                                                                                         |             |             |
| A.         | Intial (Community Centers, Group Meal Service, Shelters)                                                                                                              | \$1,478.00  | \$1,527.00  |
| B.         | Initial (All Others)                                                                                                                                                  | \$8,322.00  | \$8,597.00  |
| C.         | Major Modification, Type III                                                                                                                                          | \$1,478.00  | \$1,527.00  |
| D.         | Minor Modification, Type I                                                                                                                                            | \$335.00    | \$346.00    |
| <b>9.</b>  | <b>Continuance of Public Hearing</b>                                                                                                                                  |             |             |
| A.         | Initiated by applicant after public notice is mailed                                                                                                                  | \$1,969.00  | \$2,034.00  |
| B.         | Resulting from inadequate information provided by the applicant. Does not apply in cases where new information is presented at the hearing by staff or other parties. | \$1,969.00  | \$2,034.00  |
| C.         | Hearing Examiner Reconsideration Request                                                                                                                              | \$1,969.00  | \$2,034.00  |
| <b>10.</b> | <b>Covenant Release - Full and Partial</b>                                                                                                                            | \$8,763.00  | \$9,052.00  |
| <b>11.</b> | <b>Critical Areas Permit</b>                                                                                                                                          |             |             |
| A.         | Single-family and duplex lots (Fee per Applicable Critical Area)                                                                                                      |             |             |
| 1.         | Fish and Wildlife Habitat Areas                                                                                                                                       | \$1,478.00  | \$1,527.00  |
| 2.         | Frequently Flooded Areas                                                                                                                                              | \$296.00    | \$306.00    |
| 3.         | Geologic Hazard Areas                                                                                                                                                 | \$296.00    | \$306.00    |
| 4.         | Wetland Areas                                                                                                                                                         | \$1,478.00  | \$1,527.00  |
| B.         | All Others (Fee per Applicable Critical Area)                                                                                                                         |             |             |
| 1.         | Fish and Wildlife Habitat Areas                                                                                                                                       | \$2,955.00  | \$3,053.00  |
| 2.         | Frequently Flooded Areas                                                                                                                                              | \$679.00    | \$701.00    |

# Exhibit A

|            |                                                                                                                                   |                 |                 |
|------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|
| 3.         | Geologic Hazard Areas                                                                                                             | \$679.00        | \$701.00        |
| 4.         | Wetland Areas                                                                                                                     | \$2,955.00      | \$3,053.00      |
| C.         | Minor Exception Request                                                                                                           |                 |                 |
| 1.         | Single-family and duplex lots                                                                                                     | \$679.00        | \$701.00        |
| 2.         | All others                                                                                                                        | \$709.00        | \$732.00        |
| D.         | Reasonable Use Request                                                                                                            |                 |                 |
| 1.         | Single-family and duplex lots                                                                                                     | \$4,334.00      | \$4,477.00      |
| 2.         | All others                                                                                                                        | \$8,619.00      | \$8,903.00      |
| E.         | Digitizing Critical Areas Geographic Information                                                                                  | Cost Recovery2  | Cost Recovery2  |
| <b>12.</b> | <b>Design Review (Downtown)</b>                                                                                                   |                 |                 |
| A.         | Minor exterior reviews only                                                                                                       | \$591.00        | \$611.00        |
| B.         | All others, including new buildings                                                                                               | \$1,969.00      | \$2,034.00      |
| <b>13.</b> | <b>Development Agreement</b>                                                                                                      |                 |                 |
| A.         | Initial                                                                                                                           | \$6,624.00      | \$6,843.00      |
| B.         | Modification                                                                                                                      | \$3,037.00      | \$3,137.00      |
| C.         | Extension                                                                                                                         | \$563.00        | \$582.00        |
| <b>14.</b> | <b>Extension of Preliminary Approval</b>                                                                                          | \$689.00        | \$712.00        |
| <b>15.</b> | <b>Grading and Erosion Control Permit (includes plan check and inspection)</b>                                                    |                 |                 |
| A.         | 50 cubic yards or less and less than 1 foot in depth                                                                              | No fee          | No fee          |
| B.         | 51 to 100 c.y. or greater than 1 foot in depth                                                                                    | \$129.00        | \$133.00        |
| C.         | 101 to 500 c.y.                                                                                                                   |                 |                 |
| 1.         | Base fee                                                                                                                          | \$258.00        | \$267.00        |
| 2.         | Plus fee per 100 c.y. (or fraction thereof) above 500 c.y. (Note: Maxium total grading and erosion control fee shall be \$362.00) | \$17.00         | \$18.00         |
| D.         | Fees resulting from work in progress without a permit                                                                             | 2 x regular fee | 2 x regular fee |
| <b>16.</b> | <b>Home Occupation</b>                                                                                                            |                 |                 |
| A.         | General                                                                                                                           | \$196.00        | \$202.00        |

# Exhibit A

|     |                                                                                              |                                                                                                    |                                                                                                    |
|-----|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| B.  | Penalty - When application is received after code enforcement action has been initiated.     | 2 x regular fee                                                                                    | 2 x regular fee                                                                                    |
| 17. | <b>Impact Fee Deferral for Single Family Housing (administrative fee per lot)</b>            | \$618.00                                                                                           | \$638.00                                                                                           |
| 18. | <b>Joint use parking agreement</b>                                                           | \$1,107.00                                                                                         | \$1,144.00                                                                                         |
| 19. | <b>Land Use Permit</b><br>(Single family residential; sheds; decks; driveways; fences, etc.) | \$51.00                                                                                            | \$53.00                                                                                            |
| 20. | <b>Lot Determination</b>                                                                     |                                                                                                    |                                                                                                    |
| A.  | Base fee (1-2 lots)                                                                          | \$2,158.00                                                                                         | \$2,229.00                                                                                         |
| B.  | Plus per lot fee over 2                                                                      | \$689.00                                                                                           | \$712.00                                                                                           |
| 21. | <b>Master Plan<sup>2</sup></b>                                                               |                                                                                                    |                                                                                                    |
| A.  | Conceptual<br>(requiring subsequent site plan review)                                        | \$7,655.00                                                                                         | \$7,908.00                                                                                         |
| B.  | Detailed<br>(not requiring subsequent site plan review)                                      | \$7,655.00 plus ½ applicable site plan review fee                                                  | \$7,908.00 plus ½ applicable site plan review fee                                                  |
| C.  | Hybrid<br>(conceptual approval for overall site, plus partial detailed approval)             | \$7,655.00 plus 1/2 applicable site plan review fee for area for which detailed approval is sought | \$7,908.00 plus 1/2 applicable site plan review fee for area for which detailed approval is sought |
| 22. | <b>Planned Development</b>                                                                   |                                                                                                    |                                                                                                    |
| A.  | Residential                                                                                  |                                                                                                    |                                                                                                    |
| 1.  | Base fee                                                                                     | \$2,394.00                                                                                         | \$2,473.00                                                                                         |
| 2.  | Plus fee per unit                                                                            | \$108.00                                                                                           | \$112.00                                                                                           |
| 3.  | Minimum:<br>Maximum:<br>Subdivision fee reduced by ½ when filed simultaneously.              | Min - \$3,423.00<br>Max - \$15,479.00                                                              | Min - \$3,536.00<br>Max - \$15,990.00                                                              |
| B.  | Non-Residential                                                                              |                                                                                                    |                                                                                                    |



# Exhibit A

|            |                                                                                               |                                       |                                       |
|------------|-----------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| 1.         | Base fee                                                                                      | \$2,363.00                            | \$2,441.00                            |
| 2.         | Plus fee per sq. ft. – ground floor                                                           | \$0.60                                | \$0.62                                |
| 3.         | Plus fee per sq. ft. – upper floors                                                           | \$0.27                                | \$0.28                                |
| 4.         | Minimum:<br>Maximum:                                                                          | Min - \$3,516.00<br>Max - \$23,140.00 | Min - \$3,632.00<br>Max - \$23,904.00 |
| C.         | Mixed                                                                                         |                                       |                                       |
| 1.         | Base fee                                                                                      | \$2,363.00                            | \$2,441.00                            |
| 2.         | Plus fee per sq. ft. – ground floor                                                           | \$0.60                                | \$0.62                                |
| 3.         | Plus fee per sq. ft. – upper floors                                                           | \$0.27                                | \$0.28                                |
| 4.         | Minimum:<br>Maximum:<br>No rezone fee.<br>Subdivision reduced by ½ when filed simultaneously. | Min - \$3,516.00<br>Max - \$23,301.00 | Min - \$3,632.00<br>- \$24,070.00 Max |
| <b>23.</b> | <b>Planning Official Review</b>                                                               |                                       |                                       |
| A.         | Temporary Use                                                                                 |                                       |                                       |
| 1.         | Seasonal or special event                                                                     | \$96.00                               | \$99.00                               |
| 2.         | Temporary sales office, model home, or unforeseen emergency                                   | \$289.00                              | \$299.00                              |
| 3.         | Temporary Use in a Commercial or Industrial District                                          | \$1,359.00                            | \$1,404.00                            |
| B.         | Similar Use Determination or Other                                                            | \$1,359.00                            | \$1,404.00                            |
| <b>24.</b> | <b>Plat Alteration</b>                                                                        | \$6,361.00                            | \$6,571.00                            |
| <b>25.</b> | <b>Post-Decision Reviews</b>                                                                  |                                       |                                       |
| A.         | Post-decision review – Type I                                                                 | \$335.00                              | \$346.00                              |
| B.         | Post-decision review – Type II                                                                | \$943.00                              | \$974.00                              |
| C.         | Post-decision review – Type III                                                               | \$1,478.00                            | \$1,527.00                            |
| <b>26.</b> | <b>Pre-Application Conference Process</b>                                                     |                                       |                                       |
| A.         | Pre-application conference request - Single-family and duplex lots                            | \$296.00                              | \$306.00                              |
| B.         | Pre-application conference request - all others                                               | \$1,044.00                            | \$1,078.00                            |
| C.         | Pre-application waiver request                                                                | \$149.00                              | \$154.00                              |
|            | <b>Zoning Verification Letter</b>                                                             |                                       |                                       |

# Exhibit A

|     |                                                                                   |                |                |
|-----|-----------------------------------------------------------------------------------|----------------|----------------|
| 27. | (authorizes replacement of destroyed structure)                                   | \$226.00       | \$233.00       |
| 28. | Reporting<br>(misc. application and permit information)                           | Cost Recovery2 | Cost Recovery2 |
| 29. | SEPA Checklist (Environmental Review)                                             |                |                |
| A.  | Grading Permit                                                                    |                |                |
| 1.  | Single-family and duplex lots                                                     | \$131.00       | \$135.00       |
| 2.  | All other                                                                         |                |                |
|     | a. Base Fee                                                                       | \$965.00       | \$997.00       |
|     | b. Plus fee per acre of land disturbed by the project                             | \$17.00        | \$18.00        |
| B.  | Subdivision or Planned Development                                                |                |                |
|     | a. Base fee                                                                       | \$788.00       | \$814.00       |
|     | b. Plus fee per acre of land disturbed by the project                             | \$9.00         | \$9.30         |
| C.  | Site Plan Review – Residential                                                    |                |                |
|     | a. Base fee per unit up to 5 units                                                | \$196.00       | \$202.00       |
|     | b. Plus fee per unit more than 5                                                  | \$19.00        | \$20.00        |
| D.  | Non-Projects (including rezone and annual review applications)                    | \$2,166.00     | \$2,237.00     |
| E.  | All other reviews                                                                 |                |                |
|     | a. Base fee                                                                       | \$1,576.00     | \$1,628.00     |
|     | b. Plus fee per acre of land disturbed by the project                             | \$52.00        | \$54.00        |
| F.  | SEPA Procedural Appeal (See "Appeals-All others" for substantive SEPA appeal fee) | \$128.00       | \$132.00       |
| G.  | Environmental Impact Statement (EIS) Review                                       | Cost Recovery2 | Cost Recovery2 |
| 30. | Shoreline Permits                                                                 |                |                |

# Exhibit A

|            |                                                                                                                                   |                                       |                                       |
|------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| A.         | Shoreline Substantial Development Permit                                                                                          | \$6,892.00                            | \$7,119.00                            |
| B.         | Shoreline Conditional Use Permit                                                                                                  | \$7,582.00                            | \$7,832.00                            |
| C.         | Shoreline Variance Request                                                                                                        | \$7,582.00                            | \$7,832.00                            |
| <b>31.</b> | <b>Short Subdivisions</b>                                                                                                         |                                       |                                       |
| A.         | Preliminary (9 lots or fewer) Plats                                                                                               | \$6,696.00                            | \$6,917.00                            |
| B.         | Final Plat Check                                                                                                                  | \$2,275.00                            | \$2,350.00                            |
| <b>32.</b> | <b>Signs - all except sandwich board signs</b>                                                                                    | \$335.00                              | \$346.00                              |
| <b>33.</b> | <b>Site Plan Review (Type I)</b>                                                                                                  |                                       |                                       |
| A.         | Residential                                                                                                                       | \$289.00                              | \$299.00                              |
| B.         | Non Residential                                                                                                                   | \$1,359.00                            | \$1,404.00                            |
| C.         | Qualifying Planned Action                                                                                                         | Same as Type II Site Plan Review Fees | Same as Type II Site Plan Review Fees |
| <b>34.</b> | <b>Site Plan Review (Type II) – Residential</b>                                                                                   |                                       |                                       |
| A.         | Base fee                                                                                                                          | \$1,703.00                            | \$1,759.00                            |
| B.         | Plus fee per unit                                                                                                                 | \$118.00                              | \$122.00                              |
| C.         | Maximum fee:                                                                                                                      | \$24,009.00                           | \$24,801.00                           |
| <b>35.</b> | <b>Site Plan Review (Type II) - Non Residential</b>                                                                               |                                       |                                       |
| A.         | General Case                                                                                                                      |                                       |                                       |
| 1.         | Base fee                                                                                                                          | \$4,627.00                            | \$4,780.00                            |
| 2.         | Plus fee per sq. ft. – ground floor                                                                                               | \$0.18                                | \$0.19                                |
| 3.         | Plus fee per sq. ft. – upper floors                                                                                               | \$0.08                                | \$0.09                                |
| B.         | Commercial pad within a previously approved site plan that was not originally reviewed for the proposed specific use or structure | \$3,160.00                            | \$3,264.00                            |
| C.         | Land-extensive uses such as a golf course                                                                                         | \$3,809.00                            | \$3,935.00                            |
| D.         | Unoccupied commercial and utility structures                                                                                      | \$1,754.00                            | \$1,812.00                            |

# Exhibit A

|            |                                                                                  |                 |                    |
|------------|----------------------------------------------------------------------------------|-----------------|--------------------|
| <b>36.</b> | <b>Special Valuation – Historic Preservation</b>                                 | \$500.00        | <b>\$517.00</b>    |
| <b>37.</b> | <b>Subdivisions – Preliminary</b>                                                |                 |                    |
| A.         | 2-9 Lots (not qualifying as a short subdivision)                                 | \$7,080.00      | <b>\$7,314.00</b>  |
| B.         | 10-22 Lots                                                                       | \$10,238.00     | <b>\$10,576.00</b> |
| C.         | 23+ Lots                                                                         |                 |                    |
| 1.         | Base fee (for first 23 lots)                                                     | \$10,238.00     | <b>\$10,576.00</b> |
| 2.         | Plus fee per lot (each lot more than 23)                                         | \$256.00        | <b>\$264.00</b>    |
| D.         | In conjunction with a planned development                                        | 1/2 regular fee | 1/2 regular fee    |
| <b>38.</b> | <b>Subdivisions – Final Plat Check</b>                                           | \$5,156.00      | <b>\$5,326.00</b>  |
| <b>39.</b> | <b>Tenant improvement (if exempt from site plan review)</b>                      | \$96.00         | <b>\$99.00</b>     |
| <b>40.</b> | <b>Tree plan review</b>                                                          |                 |                    |
| A.         | Levels 1, 2, 4, 5                                                                | \$325.00        | <b>\$336.00</b>    |
| B.         | Levels 3, 6, 7                                                                   | \$108.00        | <b>\$112.00</b>    |
| <b>41.</b> | <b>Variance (full fee for 1 variance; 1/2 cost for 2nd; \$0 for 3rd or more)</b> |                 |                    |
| A.         | Type I                                                                           |                 |                    |
| 1.         | Single-family and duplex lots                                                    | \$679.00        | <b>\$701.00</b>    |
| 2.         | All other                                                                        | \$709.00        | <b>\$732.00</b>    |
| B.         | Type II                                                                          |                 |                    |
| 1.         | Single-family and duplex lots                                                    | \$2,139.00      | <b>\$2,210.00</b>  |
| 2.         | All other                                                                        | \$5,154.00      | <b>\$5,324.00</b>  |
| <b>42.</b> | <b>Zoning Certificates</b>                                                       | \$739.00        | <b>\$763.00</b>    |
| <b>43.</b> | <b>Zoning Map or Text Change (not involving comprehensive plan amendment)</b>    | \$8,877.00      | <b>\$9,170.00</b>  |

1 Fees effective on January 1, **2021**, shall be further adjusted as provided for under VMC 20.180.050.

# Exhibit A

2 Cost Recovery: Applicants or persons requesting reports will be required to sign an agreement that they will pay the actual cost of the work being performed. Actual costs will be calculated based on the salary and benefits of the employees performing work plus overhead at a rate of 30 percent.

3 Projects with approved master plans, which include preliminary stormwater and transportation plans, shall be entitled to a 30 percent reduction in the fee for stormwater and transportation plan review.

(Ord. M-4255 § 4, 2018; ACM dated 11/7/2018, CPI Increase; ACM dated 12/20/2017, CPI Increase; Ord. M-4205 § 1; ACM dated 11/23/2016, CPI Increase; Ord. M-4172 § 3, 2016; ACM dated 12/31/2015, CPI Increase; Ord. M-4097 § 2, 2014; ACM dated 1/1/2014, CPI Increase; Ord. M-4034 § 4, 2012; ACM dated 1/4/2012, CPI Increase; ACM dated 1/25/2011, CPI Increase; Ord. M-3959 § 5, 2010; Ord. M-3932 §§ 2, 3, 2009; Ord. M-3922 § 5, 2009; Ord. M-3895 § 3, 2008; Ord. M-3844 § 4, 2007; Ord. M-3840 § 5, 2007; Ord. M-3701 § 5, 2005; Ord. M-3692 § 10, 2005; Ord. M-3663 § 4, 2004; Ord. M-3643, 2004)

# Exhibit A

**Table 20.180.070 – Development Engineering Fees**

| Section   | Engineering Activity                                                         | 2021                          | 2022                          |
|-----------|------------------------------------------------------------------------------|-------------------------------|-------------------------------|
| <b>1.</b> | <b>Binding Site Plan</b><br>(in addition to underlying site plan review fee) | See short plat or subdivision | See short plat or subdivision |
| <b>A.</b> | <b>Conceptual – Requiring subsequent site plan review</b>                    |                               |                               |
| 1.        | Same as comparable short plat or subdivision                                 | See short plat or subdivision | See short plat or subdivision |
| <b>B.</b> | <b>Detailed – Not requiring subsequent site plan review</b>                  |                               |                               |
| 1.        | Same as comparable short plat or subdivision                                 | See short plat or subdivision | See short plat or subdivision |
| 2.        | Plus same as comparable site plan review                                     | See site plan                 | See site plan                 |
| <b>2.</b> | <b>Conditional Use Permit</b>                                                |                               |                               |
| A.        | Stormwater plan review                                                       | \$ 992.00                     | \$ 1,025.00                   |
| B.        | Transportation plan review                                                   | \$ 1,334.00                   | \$ 1,378.00                   |
| <b>3.</b> | <b>Continuance of Public Hearing (applicant initiated)</b>                   | \$ 566.00                     | \$ 585.00                     |
| <b>4.</b> | <b>Drainage Projects (special)</b>                                           |                               |                               |
| A.        | Plan review fee                                                              | \$ 503.00                     | \$ 520.00                     |
| B.        | Construction inspection fee                                                  | \$ 516.00                     | \$ 533.00                     |
| C.        | Fees resulting from working without a permit                                 | 2 x Regular Fee               | 2 x Regular Fee               |
| <b>5.</b> | <b>Escrow Review and Administration</b>                                      |                               |                               |
| A.        | \$0 to \$10,000<br>(Final city approved escrow amount)                       |                               |                               |
| 1.        | Base fee                                                                     | \$ 336.00                     | \$ 347.00                     |
| 2.        | Plus percentage of final city approved escrow amount                         | 1.50%                         | 1.50%                         |
| B.        | \$10,001 to \$100,000<br>(Final city approved escrow amount)                 |                               |                               |
| 1.        | Base fee                                                                     | \$ 674.00                     | \$ 696.00                     |
| 2.        | Plus percentage of final city approved escrow amount                         | 1.00%                         | 1.00%                         |
| C.        | Greater than \$100,000<br>(Final city approved escrow amount)                |                               |                               |
| 1.        | Base fee                                                                     | \$ 1,347.00                   | \$ 1,391.00                   |
| 2.        | Plus percentage of final city approved escrow amount                         | 1.00%                         | 1.00%                         |
| <b>6.</b> | <b>Inspection Fees – Additional</b>                                          |                               |                               |
| A.        | Construction inspection after normal work hours <sup>1</sup>                 | Cost recovery <sup>2</sup>    | Cost recovery <sup>2</sup>    |
| B.        | Construction re-inspection during normal work hours                          | Cost recovery <sup>2</sup>    | Cost recovery <sup>2</sup>    |
| <b>7.</b> | <b>Plan Review, Final Engineering – Additional</b>                           |                               |                               |
| A.        | Each additional review (beyond 3) for either stormwater or transportation    | \$ 523.00                     | \$ 540.00                     |
| <b>8.</b> | <b>Post Decision Review – Specifications</b>                                 |                               |                               |
| A.        | Change specifications prior to submittal                                     | No fee                        | No fee                        |
| B.        | Change specifications after first review                                     | 1/2 regular fee               | 1/2 regular fee               |
| C.        | Change specifications after final approval                                   | Full regular fee              | Full regular fee              |
| <b>9.</b> | <b>Right-of-way Permits</b>                                                  |                               |                               |
| A.        | City of Vancouver                                                            |                               |                               |
| 1.        | Base fee                                                                     | \$ 135.00                     | \$ 139.00                     |
|           | Plus fee per lineal foot of improvement                                      |                               |                               |

# Exhibit A

|     |                                                                                  |                                                      |                                                      |
|-----|----------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| 2.  | (includes all frontage improvements and trenching in right-of-way)               | \$ 2.42                                              | \$ 2.50                                              |
| B.  | Clark County                                                                     | Amount per Clark County Code (CCC) 13.12A as amended | Amount per Clark County Code (CCC) 13.12A as amended |
| C.  | WSDOT                                                                            | \$ 299.00                                            | \$ 309.00                                            |
| 10. | Site Plans                                                                       |                                                      |                                                      |
| A.  | Stormwater plan review (includes preliminary and final) <sup>3</sup>             |                                                      |                                                      |
| 1.  | General Case:                                                                    |                                                      |                                                      |
|     | a. Base fee:                                                                     | \$ 1,495.00                                          | \$ 1,544.00                                          |
|     | Plus charge per square foot of impervious area as follows (including roof area): |                                                      |                                                      |
|     | b. First 1.00 acre                                                               | \$ 0.04                                              | \$ 0.04                                              |
|     | c. Next 1 to 5 acres                                                             | \$ 0.02                                              | \$ 0.02                                              |
|     | d. Over 5 acres                                                                  | \$ 0.004                                             | \$ 0.004                                             |
| 2.  | Unoccupied commercial and utility structures                                     | \$ 484.00                                            | \$ 500.00                                            |
| 3.  | Tenant Improvements                                                              | \$ 101.00                                            | \$ 104.00                                            |
| B.  | Transportation plan review (includes preliminary and final) <sup>3</sup>         |                                                      |                                                      |
| 1.  | General case                                                                     | \$ 3,818.00                                          | \$ 3,944.00                                          |
| 2.  | Unoccupied commercial and utility structures                                     | \$ 1,586.00                                          | \$ 1,638.00                                          |
| 3.  | Tenant Improvements                                                              | \$ 140.00                                            | \$ 145.00                                            |
| C.  | Construction inspection fees (stormwater and transportation)                     |                                                      |                                                      |
| 1.  | Small projects (less than 1 acre of impervious surface)                          |                                                      |                                                      |
|     | a. Base Fee                                                                      | \$ 957.00                                            | \$ 989.00                                            |
|     | b. Plus charge per square foot of impervious surface                             | \$ 0.01                                              | \$ 0.01                                              |
| 2.  | Medium projects (1.0 to 4.99 acres of impervious surface)                        |                                                      |                                                      |
|     | a. Base Fee                                                                      | \$ 1,913.00                                          | \$ 1,976.00                                          |
|     | b. Plus charge per square foot of impervious surface                             | \$ 0.005                                             | \$ 0.005                                             |
| 3.  | Large projects (over 5 acres of impervious surface) -- \$10,000 maximum.         |                                                      |                                                      |
|     | a. Base Fee                                                                      | \$ 3,825.00                                          | \$ 3,951.00                                          |
|     | b. Plus charge per square foot of impervious surface                             | \$ 0.002                                             | \$ 0.002                                             |
| 4.  | Unoccupied commercial and utility structures                                     | \$ 319.00                                            | \$ 330.00                                            |
| 5.  | Tenant Improvements                                                              | \$ 101.00                                            | \$ 104.00                                            |
| 11. | Short Subdivisions (2-9 lots)                                                    |                                                      |                                                      |
| A.  | Plan review fee (includes preliminary and final)                                 |                                                      |                                                      |
| 1.  | Stormwater                                                                       | \$ 1,494.00                                          | \$ 1,543.00                                          |
| 2.  | Transportation                                                                   | \$ 2,075.00                                          | \$ 2,143.00                                          |
| B.  | Construction Inspection Fee                                                      |                                                      |                                                      |
| 1.  | Stormwater                                                                       | \$ 1,302.00                                          | \$ 1,345.00                                          |
| 2.  | Transportation                                                                   | \$ 1,302.00                                          | \$ 1,345.00                                          |
| 12. | Subdivision (2-9 lots, not qualifying as short subdivision)                      | Same as Subdivision                                  | Same as Subdivision                                  |

## Exhibit A

|            |                                                                  |             |             |
|------------|------------------------------------------------------------------|-------------|-------------|
| <b>13.</b> | <b>Subdivision</b>                                               |             |             |
| A.         | Plan review fees                                                 |             |             |
| 1.         | Stormwater                                                       |             |             |
|            | a. Base fee                                                      | \$ 1,347.00 | \$ 1,391.00 |
|            | b. Plus per lot fee                                              |             |             |
|            | 1. less than 23 lots                                             | \$ 57.00    | \$ 59.00    |
|            | 2. 23 or more lots                                               | \$ 51.00    | \$ 53.00    |
| 2.         | Transportation                                                   |             |             |
|            | a. Base fee                                                      | \$ 2,989.00 | \$ 3,088.00 |
|            | b. Plus per lot fee                                              | \$ 72.00    | \$ 74.00    |
| B.         | Construction inspection fees                                     |             |             |
| 1.         | Stormwater                                                       |             |             |
|            | a. Base fee                                                      | \$ 887.00   | \$ 916.00   |
|            | b. Plus per lot fee                                              | \$ 87.00    | \$ 90.00    |
| 2.         | Transportation                                                   |             |             |
|            | a. Base fee                                                      | \$ 2,796.00 | \$ 2,888.00 |
|            | b. Plus per lot fee                                              | \$ 26.00    | \$ 27.00    |
| <b>14.</b> | <b>Street Modification – Transportation</b>                      |             |             |
| A.         | Prior to public hearing or administrative decision               |             |             |
| 1.         | Administrative modification                                      | \$ 188.00   | \$ 194.00   |
| 2.         | Technical (minor) modification                                   | \$ 1,370.00 | \$ 1,415.00 |
| 3.         | Design (major) modification                                      | \$ 2,720.00 | \$ 2,810.00 |
| B.         | After public hearing or administrative decision                  |             |             |
| 1.         | Administrative modification                                      | \$ 188.00   | \$ 194.00   |
| 2.         | Technical (minor) modification                                   | \$ 1,719.00 | \$ 1,776.00 |
| 3.         | Design (major) modification                                      | \$ 3,077.00 | \$ 3,179.00 |
| C.         | Appeal to Hearing Examiner                                       | \$ 1,370.00 | \$ 1,415.00 |
| <b>15.</b> | <b>Traffic Signal Plan Review and Inspection</b>                 |             |             |
| A.         | Plan review fee                                                  | \$ 4,485.00 | \$ 4,633.00 |
| B.         | Civil construction inspection fee                                | \$ 2,693.00 | \$ 2,782.00 |
| <b>16.</b> | <b>Transportation Concurrency Review</b>                         |             |             |
| A.         | Concurrency certificate request evaluation (preliminary scoping) | \$ 188.00   | \$ 194.00   |
| B.         | Traffic study review                                             | \$ 374.00   | \$ 386.00   |
| C.         | Model maintenance fee per trip (peak hour); \$1,500 maximum.     | \$ 57.00    | \$ 59.00    |
| <b>17.</b> | <b>Variance (all cases)</b>                                      |             |             |
| A.         | Stormwater                                                       | \$ 748.00   | \$ 773.00   |
| B.         | Transportation                                                   | \$ 1,037.00 | \$ 1,071.00 |
| <b>18.</b> | <b>Right-of-Way Use Permit Fees</b>                              |             |             |
| A.         | Type A Application Fee Short Term Permit                         | \$ 31.00    | \$ 32.00    |
| B.         | Type B Encroachment Permit Fee                                   | \$ 31.00    | \$ 32.00    |
| C.         | Type C Use Fee Temporary Useand Occupation Permit                | \$ 31.00    | \$ 32.00    |
| D.         | Type D Long-Term ROW Use and Occupation Permit                   | \$ 539.00   | \$ 577.00   |
| E.         | Type E Material Encroachment Permit                              | \$ 2,234.00 | \$ 2,308.00 |

1 Costs for construction inspection services scheduled after normal business hours solely for the convenience of the contractor (i.e., not resulting from delays caused by the city) shall be reimbursed to the city on a cost recovery basis(see Note2).

2 Cost recovery. Contractor will be required to sign an agreement that they will pay actual costs of the inspection. Actual costs will be salary and benefits for employees performing work plus overhead at the rate of 30%. The contractor will be sent an itemized billing.



# Exhibit A

3 Projects with approved master plans, which include preliminary stormwater and transportation plans, shall be entitled to a 30 percent reduction in the fee for stormwater and transportation plan review.

(ACM dated 11/7/2018, CPI Increase; Ord. M-4223 § 4, 2017; ACM dated 12/20/2017, CPI Increase; ACM dated 11/23/2016, CPI Increase; ACM dated 12/31/2015, CPI Increase; Ord. M-4097 § 3, 2014; ACM dated 1/1/2014, CPI Increase; Ord. M-4034 § 5, 2012; Ord. M-4016 § 3, 2012; ACM dated 1/4/2012, CPI Increase; ACM dated 1/1/2011, CPI Increase; Ord. M-3959 § 6, 2010; Ord. M-3932 § 4, 2009; Ord. M-3922 § 6, 2009; Ord. M-3895 § 4, 2008; Ord. M-3769 § 1; Ord. M-3643, 2004)



**Staff Report: 086-22**

**TO:** Mayor and City Council

**FROM:** Eric Holmes, City Manager

**DATE:** 6/27/2022

**SUBJECT** 2023-2027 Transportation Improvement Program

**Key Points**

- Per RCW 35.77.010, the City must adopt a comprehensive TIP (Transportation Improvement Program) prior to July 1st of each year.
- Each year staff includes updates/changes to the City's arterial map as part of the yearly TIP update.
- Adopting the TIP keeps the City in compliance with state law, allows the City to pursue grants for projects listed in the TIP, provides candidate projects for funding by the Vancouver Transportation Benefit District, and facilitates coordinated planning between agencies within the region.
- The Vancouver Transportation Mobility Commission (TMC) has unanimously recommended approval of this year's TIP update to the City Council.

**Strategic Plan Alignment**

**Goal 1, Objective 1.1:** Develop and maintain a safe, balanced and innovative transportation system that will meet the needs of future generations

**Goal 1, Objective 1.2:** Ensure our infrastructure, including buildings and utilities, is safe, environmentally responsible and well maintained

**Present Situation**

The 2023–2028 TIP presents a transportation development program that supports implementation of the City's adopted comprehensive plan. The project lists clearly identify those projects and programs that are intended to receive funding from the sources approved as part of the street funding strategy. The TIP can be amended at any time by Council action, if needed.

The TIP also provides updates to the Arterial Classification Map. The arterial map update includes minor revisions such as revising the classification of some arterials to match

development plans. More updates to the arterial map are expected as part of the upcoming transportation system plan update.

This year's update includes several recommendations from the TMC including:

- Changed the names for categories of projects to better describe their intent. For example, changing "multimodal" to "active transportation".
- Updated the scoring for the project prioritization by including transit in the scoring criteria for congestion management.
- Updated the scoring for the project prioritization by creating a graduated scale for pedestrian and bicycle improvements so the more lineal feet of improvements the more points the project gets.
- Included someone from outside the City to help score the projects (a member of the Regional Transportation Council).
- Performed targeted outreach to community-based organizations and partners serving historically excluded and underrepresented communities.

In addition to the changes requested by the TMC staff, also updated the scoring criteria for social equity to be consistent with the City's equity map index. The pilot project prioritization process will continue to be refined as part of the upcoming Transportation System Plan update.

#### **Advantage(s)**

- Adoption of the Six-Year TIP conveys the direction and intent of the City to provide certain transportation projects within a given timeframe and satisfies state law.
- The Six-Year TIP is used as a planning and project programming tool to develop funding strategies that include local, state, federal, and private funding sources.
- The Six-Year TIP provides information to the Washington State Department of Transportation (WSDOT) and the Regional Transportation Council (RTC) for coordination of transportation projects with other agencies in the region.

#### **Disadvantage(s)**

None

#### **Budget Impact**

The 2023-2028 TIP will be tied directly to adopted capital budgets. The TIP reflects the budget programming of the City's capital funding for transportation, including anticipated grant revenues.

#### **Prior Council Review**

June 6, 2022 workshop.

#### **Action Requested**

On June 27, 2022, following a public hearing, adopt a resolution approving the proposed 2023-2028 Transportation Improvement Program and revisions to the Arterial Street System and Classification Map.

*Chris Malone, Finance and Asset Manager, 360-487-7711; Ryan Lopossa, Streets and Transportation Manager, 360-487-7706*

**ATTACHMENTS:**

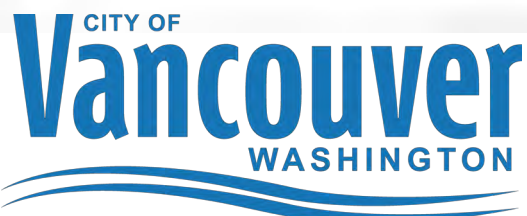
- ▣ TIP document
- ▣ Resolution
- ▣ TIP presentation



# 2023-2028

## Transportation Improvement Program

### June 2022



Vancouver Public Works  
PO Box 1995  
Vancouver, WA 98668-1995  
[www.cityofvancouver.us/StreetsTIP](http://www.cityofvancouver.us/StreetsTIP)



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6/27/22

RESOLUTION NO. \_\_\_\_\_

A RESOLUTION adopting the City of Vancouver's Comprehensive Six-Year Transportation Improvement Program for 2023-2028 and revising the City's Arterial Street System and Classification Map.

WHEREAS, pursuant to RCW 35.77.010, the Vancouver Department of Public Works has prepared the Comprehensive Six-Year Transportation Improvement Program for 2023-2028 ("2023-2028 TIP"); and

WHEREAS, the purpose of the 2023-2028 TIP is to ensure that the City will have available advance plans as a guide in carrying out a coordinated street construction program; and

WHEREAS, the City's Arterial Street System and Classification Map ("Arterial Classification Map") is maintained within the 2023-2028 TIP; and

WHEREAS, City Council originally adopted the Arterial Classification Map by Resolution M-781 on November 28, 1961, and annually reviews proposals and makes classification designation changes on the map where the use of a roadway is inconsistent with its current arterial designation; and

WHEREAS, notice of the time and place for a hearing on the 2023-2028 TIP was published in accordance with law; and

WHEREAS, the City Council conducted a public hearing on June 27, 2022 at 6:30 p.m., where it considered the 2023-2028 TIP and determined to adopt it.

NOW, THEREFORE,

BE IT RESOLVED BY THE CITY OF VANCOUVER:

Section 1. Legislative Findings. The recitals set forth above are adopted as the legislative findings of Vancouver's City Council in support of adoption of this resolution.

Section 2. City Council hereby adopts the 2023–2028 Comprehensive Six-Year Transportation Improvement Program, which is attached as Exhibit “A” and incorporated by this reference as if fully set forth herein.

Section 3. City Council hereby adopts the Revised Arterial Street System and Classification Map, which is contained in the 2023-2028 Comprehensive Six-Year Transportation Improvement Program.

Section 4. The City Manager or his designee is hereby directed to file the 2023-2028 Comprehensive Six-Year Transportation Improvement Program and the Revised Arterial Street System and Classification Map with the Washington State Department of Transportation within 30 days of the date of this resolution.

ADOPTED at regular session of the Council of the City of Vancouver on June 27, 2022.

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Anne McEnery-Ogle, Mayor

Attest:

Approved as to form:

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Natasha Ramras, City Clerk

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Jonathan Young, City Attorney



## TRANSPORTATION IMPROVEMENT PROGRAM OVERVIEW

The City of Vancouver's 2023-2028 Transportation Improvement Program (TIP) is an update of the City's 2022 - 2027 TIP. The TIP is a technical document for transportation improvements over a six-year period. For more information about the City of Vancouver street system, how it is funded, and how money is spent, go to:

[www.cityofvancouver.us/betterstreets](http://www.cityofvancouver.us/betterstreets)

The State of Washington law (RCW 35.77.010) requires the City to prepare a TIP annually that is consistent with and implements the city's adopted comprehensive growth management plan. The TIP identifies capital transportation system improvement projects and includes a policy to work with affected property owners to preserve railroad right-of-way in the event a railroad ceases to operate.

For information about the City's Comprehensive Plan, contact Vancouver Planning at 360-487-7803. For questions or more information about specific transportation projects, please contact Vancouver Public Works at 360-487-7130, or visit the City's website:

[www.cityofvancouver.us](http://www.cityofvancouver.us)

Projects are added to the TIP each year as needed based on input from citizens, staff, the development community, adopted subarea plans, other agencies, advocacy groups, and as new grant opportunities arise. Projects are removed from the TIP each year once they are constructed. In some cases, a project is removed because the project is no longer needed although this is rare. Citizens can request to have a project added or removed by clicking on the link on the City's TIP web page:

<https://www.cityofvancouver.us/tip>

A City of Vancouver Arterial Street System and Classification Map which designates roadways functionally classified as Arterials pursuant to VMC 11.80.040 and VMC 9.02.040 is adopted and attached hereto.

The 2023-2028 TIP continues the project prioritization pilot. Staff utilized the City's comprehensive plan policies, financial policies, and strategic goals to define criteria to prioritize transportation projects. The process will be further refined as part of the upcoming Transportation System Plan update, but this interim process allowed staff to prioritize projects based on the City's policies and goals. The scoring is from 0-100 and can be found on the left side of the funded and partially funded project lists.



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## **2023-2028 Transportation Improvement Program (TIP)**

Thank you for your interest in the City's Transportation Improvement Program. Transportation is an essential part of what makes Vancouver a thriving community. Each year, the City prepares a Six-Year Transportation Improvement Program (TIP), which serves as a detailed work program for all future projects. Projects listed in the TIP include planning studies and major street, bicycle, pedestrian, and traffic signal improvements. In accordance with Washington State law, the TIP document is updated annually, with final City Council approval required before July 1 of each year. To be eligible for state or federal grants, projects must be listed in the TIP. The TIP is posted on the City's website, along with ability for the public to submit project suggestions or questions, in keeping with community transparency and accountability.

Funding for Vancouver's transportation system projects and programs has traditionally come from several revenue sources, including retail and property taxes through the City's General Fund. Vancouver's Street Funding Strategy, adopted by City Council in late 2015, has dedicated additional revenue sources to help fund TIP projects and improve travel and safety throughout the community. The largest single source of the Street Funding Strategy is the City's Transportation Benefit District (TBD), which generates approximately \$5 million in annual revenues from vehicle license renewal fees. TBD funds are dedicated to improving the City's transportation system, partially funding both the City's capital improvement program and the pavement management program.

As noted in last year's TIP, the COVID-19 pandemic impact revenue sources that directly support transportation infrastructure. Most revenue sources have recovered except the Business License Surcharge (BLS) fee. City Council temporarily suspended collection of the BLS fee for some businesses into 2022 to support businesses negatively impacted by the COVID-19 crises. Therefore, BLS revenues are expected to be approximately 50% less for 2021 and 2022 then fully recover in 2023.

Going forward, the City of Vancouver's 2023-2028 Six-Year TIP considers remaining revenues from the Street Funding Strategy.

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P.O. Box 1995 • Vancouver, WA 98668-1995 • [www.cityofvancouver.us](http://www.cityofvancouver.us)

Vancouver's TIP continues to exceed the state statutory requirements by providing a comprehensive look at communitywide projects and programs, reflecting our commitment to transparency in projects and funding.

As a part of this year's TIP update, City staff continued a pilot project designed to develop a methodology for the prioritization of capital improvement projects within the TIP. This project has resulted in a series of tangible metrics that determine how a project is ranked within the overall TIP. This prioritization will help determine the City's priorities when pursuing grant funding opportunities for transportation projects. The pilot project is intended only for last year and this year's TIP update. A permanent prioritization strategy will be established with the update to the City's Transportation Systems Plan.

Our future, in part, depends upon our ability to invest in public infrastructure in a way that both preserves our community's neighborhoods and supports its economic well-being. Through responsible funding and systematic planning, design, construction, maintenance, operations, and improvements, the City of Vancouver is committed to continued efficient and cost-effective management of its public assets to provide the highest, most sustainable service possible for all users. Highlights for the 2023-2028 TIP are shown on the next page.

Lon Pluckhahn, Deputy City Manager

Deputy City Manager  
(Acting) Public Works Director

Ryan Lopossa, P.E.

Streets and Transportation Manager

## UPDATE THIS FOR 2023-2028 Transportation Improvement Program Highlights:

**Transportation System Plan (TSP) Update:** Work began in 2019 on the plan, which helps guide all aspects of the transportation system. The update will include the development of seven integrated modal plans; streets, active transportation, demand management, freight, transit, and smart mobility. Complete Streets policies and an upcoming citywide collision study will be reflected in the plan and help guide identified future transportation needs. Importantly, extensive public outreach, which includes an increased focus on previously excluded communities in transportation planning efforts, will help inform the update.

**Neighborhood Traffic Calming Program:** Funded at \$300,000 annually, this program works with the Neighborhood Traffic Safety Alliance (NTSA) to enhance neighborhood livability.

**Multimodal Safety and Accessibility Program:** For 2021-2023, the program will focus on implementing some key safety improvements along 4<sup>th</sup> Plain Boulevard, Devine Road, and near Franklin Elementary.

**Grant Efforts:** The City is pursuing opportunities to fund 1<sup>st</sup> Street (177<sup>th</sup> to 192<sup>nd</sup>) as well as utilizing COVID-19 grant revenues to improve 4<sup>th</sup> Plain Boulevard and Main Street.

**Other Major Projects:** The 2023-2028 TIP identifies funding for many projects, which require several years for planning, design, right-of-way, and construction phases. These include:

- Southeast 1st Street, from Southeast 164<sup>th</sup> Ave. to Southeast 192<sup>nd</sup> Ave: Construction of the western half (164<sup>th</sup> to 177<sup>th</sup>) is currently underway. Construction in the eastern half from 177<sup>th</sup> to 192<sup>nd</sup> is fully funded and is planned to go to construction in 2022/2023.

- Northeast 137<sup>th</sup> Ave, from Northeast 49<sup>th</sup> Street to Northeast Fourth Plain Boulevard: Federal environmental approval was received in 2018. Right-of-way acquisition is underway. Construction is planned to start in late 2023 or early 2024.

- Jefferson/Kauffman Connection from West Evergreen Boulevard to West Mill Plain Boulevard: Design and right of way acquisition continue. Construction is planned to start in later 2024 or early 2025.

- Northeast 18<sup>th</sup> Street, from Northeast 97<sup>th</sup> Avenue to Northeast 107<sup>th</sup> Avenue, will continue design and right-of-way acquisition in 2021 for the westerly connection to the new WSDOT I-205/18<sup>th</sup> Street interchange.

- Planning began in 2018 on extension of Northwest 32<sup>nd</sup> Avenue and Fruit Valley Road from Lower River Road (SR 501) to Northwest 78<sup>th</sup> Street in unincorporated Clark County. This project includes replacement of the city's Fruit Valley Road Bridge over the BNSF Mainline Railroad and will require significant partnerships and grant funding to move forward. Originally initiated in 2006 in cooperation with the Port of Vancouver, the project was renewed with the 2016 Council-adopted Westside Mobility Strategy, which seeks to balance freight mobility and livability.

**Transportation Related Policies**  
**“Vancouver Comprehensive Plan 2011-2030”, Adopted Nov. 7, 2011**  
**(Chapter 5 – Public Facilities and Services)**

- PFS-4 - **TRANSPORTATION SYSTEM:** Develop and maintain an interconnected and overlapping transportation system grid of pedestrian walkways, bicycle facilities, roadways for automobiles and freight, transit service, and high-capacity transit service. Include support programs such as traffic operations, transportation demand management, neighborhood traffic management, and the regional trails program. Work towards completing and sustaining individual components and programs to ensure success of the entire system.
- PFS-5 - **SYSTEM BALANCE:** Allocate resources to balance transportation choices. Promote development of a broader range of transportation options including pedestrian, bike, and transit systems, rather than focusing all resources on satisfying peak commuting demand with roadway capacity alone.
- PFS-6 - **TRANSPORTATION SAFETY:** Ensure high safety standards for motorists, pedestrians, and bicyclists through the development and capital improvement processes. Allocate city capital resources to high risk and collision location for motorists, bicyclists, and pedestrians.
- PFS-7 - **TRANSPORTATION FINANCE:** Develop recurring and dedicated funding for a complete transportation program, including system operation and maintenance. Leverage local funding with innovative and aggressive finance strategies including partnerships, grant development, efficient debt, and fee-based funding sources.
- PFS-8 - **TRANSPORTATION CIRCULATION AND SYSTEM CONNECTIVITY:** Develop a transportation grid that provides good connections to surrounding land uses and activity centers and allows for multiple circulation routes to/from each location. Close gaps and complete system connections through the development and capital improvement processes.
- PFS-9 - **LAND USE AND TRANSPORTATION INTEGRATION:** Develop and implement innovative transportation investment, design, and program incentives to achieve the urban environment envisioned in the Comprehensive Plan.
- PFS-10 - **LIVABLE STREETS:** Design streets and sidewalks and manage vehicular traffic to encourage livability, interaction, and sense of neighborhood or district ownership in linkage with adjacent land uses. Encourage multi-modal travel, and provide accessible, human scale opportunities for transferring between travel modes.
- PFS-11 - **TRANSPORTATION ACCESSIBILITY:** Build an accessible transportation system focused on inter-model connectivity and removing barriers to personal physical mobility.
- PFS-12 - **TRANSPORTATION SYSTEM EFFICIENCY:** Invest in and improve efficiency of the transportation system with multi-modal design, advanced traffic management and operations technology, demand management strategies and high-frequency transit service.
- PFS-13 - **NEIGHBORHOOD TRAFFIC:** Protect and enhance neighborhoods with an active program that focuses on safety, safe routes to school, traffic calming, education, and enforcement.
- PFS-14 - **TRANSPORTATION REGIONAL AND METROPOLITAN COORDINATION:** Coordinate Vancouver's transportation plans, policies, and programs with those of other jurisdictions serving the greater Metropolitan area to ensure a seamless transportation system. Focus particularly on cooperation with the Southwest Washington Regional Transportation Council, Washington State Department of Transportation, Clark County and C-TRAN.

- PFS-16 - **ECONOMIC DEVELOPMENT:** In order to support the continued economic vitality of Vancouver, major transportation system investments should facilitate freight mobility, job creation, regional competitive position, and revenue growth.
- PFS-17 - **VEHICLE MILES TRAVELED:** Use transportation and land use measures to maintain or reduce single occupant motor vehicle miles traveled per capita to increase system efficiency and lower overall environmental impacts.
- PFS-18 - **STREET DESIGN:** Design city streets to achieve safety and accessibility for all modes. Arterial streets shall provide facilities for automobile, bike, pedestrian and transit mobility, and shall include landscaping and adequate lighting.
- PFS-19 - **PARKING STANDARDS:** Adopt coordinated parking standards which maintain neighborhood integrity, promote the use of a multi-modal transportation system, and efficient utilization of limited land, and encourage desired economic development and growth throughout the entire urban area.

**Comprehensive Plan Policy for Asset Management**  
**“Vancouver Comprehensive Plan 2011-2030”, Adopted Dec. 16, 2013**  
**Chapter 5 – Public Facilities and Services)**

- PFS-35 - City public facility assets shall be systematically managed to balance full life cycle costs, performance, risk, and service levels, using best management practices and data.

**Financial Policies for Capital Planning and Asset Management**  
**(City of Vancouver Financial Policies as adopted Nov. 16, 2020)**

34. In pursuit of an asset management strategy that prioritizes safety, equity and climate action, the City will:
- Consider the climate impacts of asset investments and pursue asset management strategies that reduce its contribution to climate change over time.
  - Consider equity impacts of capital projects and asset management strategies and prioritize investments that improve equity within the City.
  - Consider the potential improvements to community safety associated with capital investments and prioritize investments that improve community safety, particularly in the transportation system.
35. Asset management best practice involves managing the performance, risk and expenditures on infrastructure assets in an optimal and sustainable manner throughout their lifecycle covering planning, design, construction, operation, maintenance, and disposal. The City shall integrate the principles and best practices of Asset Management such as those embodied in the *International Infrastructure Management Manual* in the management of its assets.
36. **Asset Inventory** will be maintained with maintenance, repair and deferred maintenance costs identified and updated on an annual basis.
37. **Maintenance** of city assets shall be addressed on a current need, rather than deferred into the future.
38. In 2015, Council adopted a **New Street Funding Program** in response to formal recommendations from a citizen-led effort. Revenues from this program were established to supplement without supplanting street funding resources identified in the 2015-2016 Adopted Biennial Budget. Annual reporting to the Council and the residents of outcomes achieved through the Streets Funding Initiative Program has been initiated in 2017 and shall continue into the future. The City will maintain funding of the **Pavement Management Program** at no less than that in the 2015-2016 Biennial Adopted Budget level increased by an appropriate inflationary factor, if necessary. To ensure accountability and transparency, the increase in program level funded by the new Street Funding Program revenue sources will be fully costed, budgeted for and spent

from special funds created to track direct operation, capital and administrative expenses. Annual reporting of the outcomes will be published for the residents and the City Council prior to the end of the first quarter of each year for the prior year beginning for fiscal year 2016.

39. The City will redirect to the new Street Funding Program expiring debt service budget from pre-2015 debt issues for Transportation projects, beginning with debt expiring in 2016.
40. A **six-year City-Wide Capital Improvement Program** shall be developed annually and shall provide a prioritized list of reasonably funded projects and those in process of securing funding. Capital Improvement Plans for utility assets shall be updated no less frequently than every two years. The comprehensive plan will identify longer-term capital needs by program area.
41. Funding for capital projects, including major facilities maintenance projects, will be allocated in a manner that balances community needs with City priorities, the potential for attracting matching funds, and the ability to reduce or limit expenses in future years.
43. The City's objective is to incorporate a "**pay-as-you-go**" approach (using available cash and current resources) in the Capital Improvement program.
44. The capital budget will be adopted at the same time the City Operating Budget is adopted. The Capital budget will only include fully funded projects. The Capital Budget will only contain projects identified in the Capital Improvement Program.
45. A **capital repair appropriation** will be maintained for unanticipated major repairs of general operating facilities and for emergency replacement of general fund equipment. Additions to the capital repair contingency reserve will be made based on Council directions.
46. **Impacts on net annual operating and maintenance costs** will be identified as part of the funding considerations for new capital projects such as buildings, parks, and street enhancements. This includes identifying potential reductions in maintenance costs if improvements are funded. The necessary funds to operate the capital facility will be identified at the time the capital budget is adopted.

## City of Vancouver Title VI Plan

The City Manager is responsible for ensuring implementation of the City of Vancouver's Title VI Plan. The Public Works Director, on behalf of the City Manager, is responsible for the overall management of the Title VI Plan as outlined herein. The Public Works Director does not hereby assume responsibility for Title VI compliance outside the scope of this report. The day to day administration of the Title VI Plan lies with the Title VI Coordinator under the direct supervision of the Public Works Director.

In addition to the Title VI Coordinator, Title VI Specialists will be named in the following program areas:

- Transportation Design and Engineering
- Transportation Right of Way
- Transportation Environmental Services
- Transportation Administration, Public Information and Outreach
- Human Resources
- Procurement

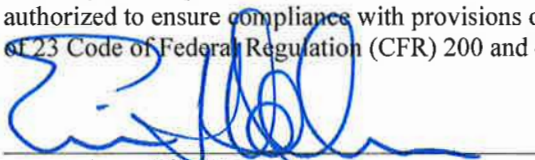
### Policy Statement, Authorities and Citations

#### A. Policy of Nondiscrimination

The City of Vancouver (City) assures that no person shall on the grounds of race, color, national origin, or sex as provided by Title VI of the Civil Rights Act of 1964, and the Civil Rights Restoration Act of 1987 (P.L. 100.259) be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any City sponsored transportation program or activity. The City further assures every effort will be made to ensure nondiscrimination in all of its federally funded transportation programs and activities.

In the event that the City distributes federal transportation funds to another entity, it will include Title VI language in all written agreements and will monitor for compliance.

Title VI compliance is a condition of receipt for federal funds, including funds from the Federal Highway Administration. Assurance of compliance falls under the proper authority of the City pursuant to its budgetary authority and responsibility. The Public Works Director and Transportation Title VI Coordinator are authorized to ensure compliance with provisions of this policy and with the law, including the requirements of 23 Code of Federal Regulation (CFR) 200 and 49 CFR 21.

  
Eric Holmes, City Manager

16.8.2021  
Date





## **Funding Overview**

The City of Vancouver's Transportation Improvement Program consists of three different project lists funded projects, partially funded projects and unfunded projects. Projects on the funded list are considered fully funded for design, right-of-way acquisition, and construction. Projects on the partially funded list have funding for design and/or right-of-way acquisition, but do not have full funding for the construction phase. Projects on the unfunded list do not have any funding allocated to them at this time. There is a very large backlog of unfunded projects due to limited funding. The City works to move projects from the unfunded list to the partially funded list and the funded list as resources allow.

## **Street Funding Strategy**

Beginning in 1995, the City of Vancouver began a street funding strategy for local revenue to use for transportation capital improvements. This strategy involved identifying a revenue source and then committing that revenue source for debt service on bonds. Proceeds from the bond sale were then leveraged with grant revenues to the maximum extent possible for transportation improvements. Coupled with impact fees and developer contributions, this strategy netted hundreds of millions worth of capital improvements but resulted in a cyclical search for new revenues to address the continued need for capital improvements. Over the past several years, City Council searched for a reasonable mix of new revenue sources that could be used on a "pay-as-you-go" basis to fund capital improvements as well as halt the gradual decline in our system pavement condition index. Early in 2015, City Council established a goal to complete, by year-end *"an adopted street funding program that provides reliable, dedicated, long-term funding for streets, including pedestrian, bike and accessible infrastructure."* In late 2015, City Council enacted several revenue sources for streets including:

- Creation of a Transportation Benefit District (TBD) and with the District enacting a new revenue source; a \$20 Vehicle License Fee (raised to \$40 in 2018).
- Increased the existing Business License Surcharge (BLS) by \$10/employee in 2016 and an additional \$10/per employee starting on January 1, 2018.
- Increased the Utility Tax on City Owned utilities dedicating the additional revenue for streets.
- Dedicated that revenue sources used to pay debt service on bonds (as described above) would continue to be dedicated for street purposes on a pay-as-you-go basis as debt is retired.
- Dedicated that revenue from the increased gas tax resulting from the 2015 state gas tax increase would be used for median maintenance and street sweeping to accomplish service level increases for esthetic purposes.

The 2021 annual street funding strategy report to the community and more information about the TBD can be found here:

<http://www.cityofvancouver.us/tbdb/page/vancouver-transportation-benefit-district>

## **Local Funding Sources**

### **Public Sources:**

**Vehicle License Fee:** Fee authorized by the Vancouver Transportation Benefit District and collected by the Washington State Department of Licensing. Fee paid at time of license renewal, resulting in estimated annual revenue of \$5M.

**Motor Vehicle Fuel Tax aka State Gas Tax:** Typically, about \$3.5 million per year.

**REET:** Real estate excise tax, varies per year, depending on real estate transactions.

**Bonds (debt):** Periodically the City sells bonds for transportation construction projects. Revenues to pay those debts come from several sources including gas tax, general fund, REET, and business license surcharge.

**Business License Surcharge (BLS):** Surcharge paid at the time of initial or renewal of business licenses. First \$50/employee generates around \$2.0 million annually to pay bond debt. An additional \$20 starting in 2018 is used for street improvements on a pay as you go basis. City Council temporarily suspended collection of the BLS fee for some businesses into 2022 to support businesses negatively impacted by the COVID-19 crises. Therefore, BLS revenues are expected to be approximately 50% less for 2021 and 2022 then fully recover in 2023.

**Utility Tax:** 1.5% Utility Tax on gross receipts for city-owned utilities including water, sewer, surface water and solid waste. This tax raises \$1.5M annually.

### **Private Sources:**

**Direct Construction:** Private developers are required to build or improve on-site roadways and may also be required to make off-site improvements to comply with concurrency or SEPA impacts.

**Traffic Impact Fees (TIF):** The City maintains a TIF program (fees paid by a developer per new trip) which historically covers about 10% of the annual construction program.

**Proportionate Share Contributions:** Developer contributions toward an improvement project to meet concurrency or safety requirements.

## **Grant Programs**

### **Federal Grant Programs:**

**RAISE:** Rebuilding American Infrastructure with Sustainability and Equity—competitive, discretionary grant awarded by U.S. Department of Transportation to local agencies; focus is on large scale transportation projects that catalyze economic development.

**Earmarks:** Earmarks are federal discretionary spending funds allocated by Congress for specific projects that are not required to go through the competitive grant allocation process.

**CMAQ:** Congestion Mitigation and Air Quality Program funds are administered like STBG funds.

**CDBG:** Community Development Block Grant—periodically available for public street infrastructure (typically used for small sidewalk and ADA ramp improvements).

**STBG:** Surface Transportation Block Grant funds are allocated by the SW Washington Regional Transportation Council and then, through a competitive grant process, to jurisdictions in the region.

**TAP:** Transportation Alternatives Program—provides funding for alternative modes of transportation projects (i.e. modes other than vehicles).

**COVID Relief Grants:** there are several grant opportunities associated with the impacts of COVID-19. The City will be using some of these grant dollars to help fund transportation projects.

**State Grant Programs:**

**Freight Mobility Strategic Investment Board – This program provides resources** provide resources to make strategic investments that support freight capacity and movement.

**Transportation Improvement Board (TIB):** Funded with a small portion of the state gas tax, TIB is the main source for state grant funds to state agencies. Vancouver competes with other urban jurisdictions in Washington State for funds from several TIB grant programs. For example: urban arterial; urban sidewalk; and complete street programs.

**Pedestrian and Bicycle & Safe Routes to School Grant Program.** These programs provide resources to make strategic investments that support pedestrian and bicycle improvements and improve walking/bicycle routes to schools.

**Washington Traffic Safety Commission Grant Program.** Grants awarded on an annual cycle, focusing on projects that address one or more of the top Target Zero priorities including impaired driving, speeding, young drivers, seat belts and occupant protection, distracted driving, and traffic records.

**WSDOT City Safety:** Federal Highway Safety Improvement Program funds are allocated by the Washington State Department of Transportation (WSDOT) on a competitive basis to reduce fatal and serious injury crashes on city streets using engineering improvements/countermeasures

The table and graphs on the next few pages show the historical and forecasted revenues and expenses for streets in the City of Vancouver.

Transportation Financial Data (including Street Funding Strategy funds\*)

|                                              | 2016       | 2017       | 2018       | 2019**     | 2020       | 2021       |
|----------------------------------------------|------------|------------|------------|------------|------------|------------|
| STREET MAINTENANCE                           |            |            |            |            |            |            |
| Expenses                                     |            |            |            |            |            |            |
| Street Maintenance (funds 102 & 103)         |            |            |            |            |            |            |
| Pavement Management                          | 6,674,672  | 10,422,494 | 11,753,010 | 11,206,729 | 5,861,428  | 12,809,102 |
| Signs and Striping                           | 1,085,164  | 1,253,462  | 1,388,663  |            |            |            |
| Signals                                      | 1,453,476  | 1,673,480  | 1,659,464  |            |            |            |
| Street Lights                                | 1,824,082  | 1,777,258  | 1,950,805  |            |            |            |
| Street Maintenance                           | 1,893,058  | 2,300,036  | 1,877,934  | 6,988,994  | 6,360,787  | 6,951,194  |
| Administration                               | 3,133,094  | 3,661,398  | 3,531,296  | 695,618    | 1,743,710  | 2,041,934  |
| Traffic Engineering                          | 820,960    | 1,031,519  | 962,404    | 4,721,312  | 4,075,256  | 4,711,149  |
| Additional Right-of-Way maintenance          | 714,407    | 555,426    | 518,692    | 649,725    | 751,806    | 943,832    |
| Sidewalk Maintenance                         |            | 51,068     | 127,382    | 609,942    | 368,105    | 255,062    |
| Subtotal Street Maintenance Expenses         | 17,598,913 | 22,726,141 | 23,769,650 | 24,872,321 | 19,161,092 | 27,712,273 |
| Transportation Debt Service paid by Fund 102 | 638,981    | 651,144    | 648,930    | -          | -          | 255,062    |
| Transfers to Transportation Capital          | 369,532    | 344,274    | 471,845    | 363,163    | 1,644,985  | 335,501    |
| Total Street Maintenance Expenses            | 18,607,426 | 23,721,559 | 24,890,425 | 25,235,484 | 20,806,077 | 28,302,837 |
| Revenues                                     |            |            |            |            |            |            |
| Street Maintenance                           |            |            |            |            |            |            |
| Property Taxes                               | -          | 451,919    | 204        |            |            |            |
| REET 1 & 2                                   | 3,577,691  | 3,762,613  | 3,740,188  | 4,749,199  | 4,512,843  | 6,614,807  |
| Motor Vehicle Fuel Tax                       | 3,556,557  | 3,675,935  | 4,238,774  | 3,191,177  | 3,112,919  | 2,875,892  |
| General Fund                                 | 11,763,428 | 10,988,176 | 9,307,926  | 10,500,739 | 11,274,588 | 13,021,019 |
| Grants                                       |            |            |            | 1,668,000  | 247,106    | 212,661    |
| SFS Revenues for O&M *                       | 1,750,000  | 4,730,170  | 5,331,848  | 5,812,881  | 4,225,836  | 7,132,391  |
| Miscellaneous                                | 1,467,032  | 1,491,578  | 2,110,271  | 1,618,285  | 1,833,364  | 1,366,119  |
| Total Street Maintenance Revenues            | 22,114,708 | 25,100,391 | 24,729,211 | 27,540,281 | 25,206,657 | 31,222,889 |

|                               |           |           |           |           |           |           |
|-------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| TRANSPORTATION DEBT           |           |           |           |           |           |           |
| Expenses                      |           |           |           |           |           |           |
| Yearly Debt Service           | 4,634,217 | 4,582,824 | 4,579,280 | 3,929,685 | 3,576,973 | 2,784,365 |
| Revenues                      |           |           |           |           |           |           |
| Debt Service Revenues         |           |           |           |           |           |           |
| General Fund                  | 1,554,012 | 1,487,122 | 1,485,171 | 1,485,760 | 996,600   | 205,505   |
| Energy Savings in Street Fund |           |           |           |           | 140,000   | 140,000   |
| Employee Surcharge            | 1,938,739 | 1,944,407 | 1,943,324 | 1,944,342 | 1,938,660 | 1,935,727 |
| Motor Vehicle Fuel Tax        | 638,981   | 651,144   | 648,930   | -         | -         | -         |
| REET                          | 502,485   | 500,151   | 501,855   | 499,583   | 501,713   | 503,133   |
| Total Debt Service Revenues   | 4,634,217 | 4,582,824 | 4,579,280 | 3,929,685 | 3,576,973 | 2,784,365 |

|                                   |         |         |         |     |     |     |
|-----------------------------------|---------|---------|---------|-----|-----|-----|
| TRANSPORTATION ENGINEERING        |         |         |         |     |     |     |
| Expenses                          |         |         |         |     |     |     |
| Transportation Engineering        |         |         |         |     |     |     |
| Administration                    | 12,756  | 51,050  | 21,662  |     |     |     |
| Street Design                     | 561,563 | 492,702 | 550,170 |     |     |     |
| Transportation Planning           | 67,746  | 25,752  | 1,208   |     |     |     |
| Development Review                | 286,298 | 251,821 | 291,135 |     |     |     |
| Totals Transportation Engineering | 928,363 | 821,325 | 864,175 | *** | *** | *** |
| Revenues                          |         |         |         |     |     |     |
| Transportation Engineering        |         |         |         |     |     |     |
| General Fund                      | 928,363 | 821,325 | 864,175 | *** | *** | *** |

|                                     |           |            |           |           |            |           |
|-------------------------------------|-----------|------------|-----------|-----------|------------|-----------|
| TRANSPORTATION CAPITAL              |           |            |           |           |            |           |
| Expenses (funds 330 & 331)          |           |            |           |           |            |           |
| Transportation Capital Expenses     |           |            |           |           |            |           |
| Capital Expenses                    | 4,918,878 | 17,019,355 | 6,636,538 | 7,556,686 | 11,039,560 | 4,026,993 |
| Revenues                            |           |            |           |           |            |           |
| Transportation Capital Revenues     |           |            |           |           |            |           |
| REET                                | 147,395   | 150,490    | 167,620   | 161,672   | 165,714    | 175,656   |
| Grants                              | 1,567,536 | 12,612,119 | 1,289,167 | 1,208,674 | 2,981,921  | 911,134   |
| Developer Participation             | 63,504    | 27,544     | 6,000     | 479,686   | 503,568    | 98,078    |
| Intergovernmental Loan Proceeds     |           |            |           |           | 2,855,462  | -         |
| General Fund                        | 21,867    | 220,862    | 34,468    | 37,431    |            | 54,682    |
| Street Maintenance Fund             | 369,532   | 344,274    | 460,013   | 344,462   | 107,181    | 185,000   |
| Transportation Special Revenue Fund | 72,444    | 337,237    | 76,656    | 906,982   | 123,781    | 119,994   |
| TIF Funds                           | 2,082,380 | 678,257    | 1,623,486 | 420,003   | 855,760    | 383,321   |
| Bond Capital Fund                   | 313,075   | 715,757    | 1,684,090 | 1,766,098 | 331,451    | -         |
| SFS Revenues for Capital *          | -         | 821,308    | 1,811,832 | 1,818,701 | 3,628,947  | 1,480,501 |
| Sale of land                        |           |            |           | 848,000   |            | 235,337   |
| Miscellaneous Revenue               | 520,549   | 240,146    | 201,287   | 596,523   | 18,700     | 1,274,092 |
| Total Capital Revenues              | 5,158,282 | 16,147,994 | 7,354,619 | 8,588,231 | 11,572,484 | 4,917,794 |

\* See SFS tabular sheet for further breakdown of SFS expenses and revenues.

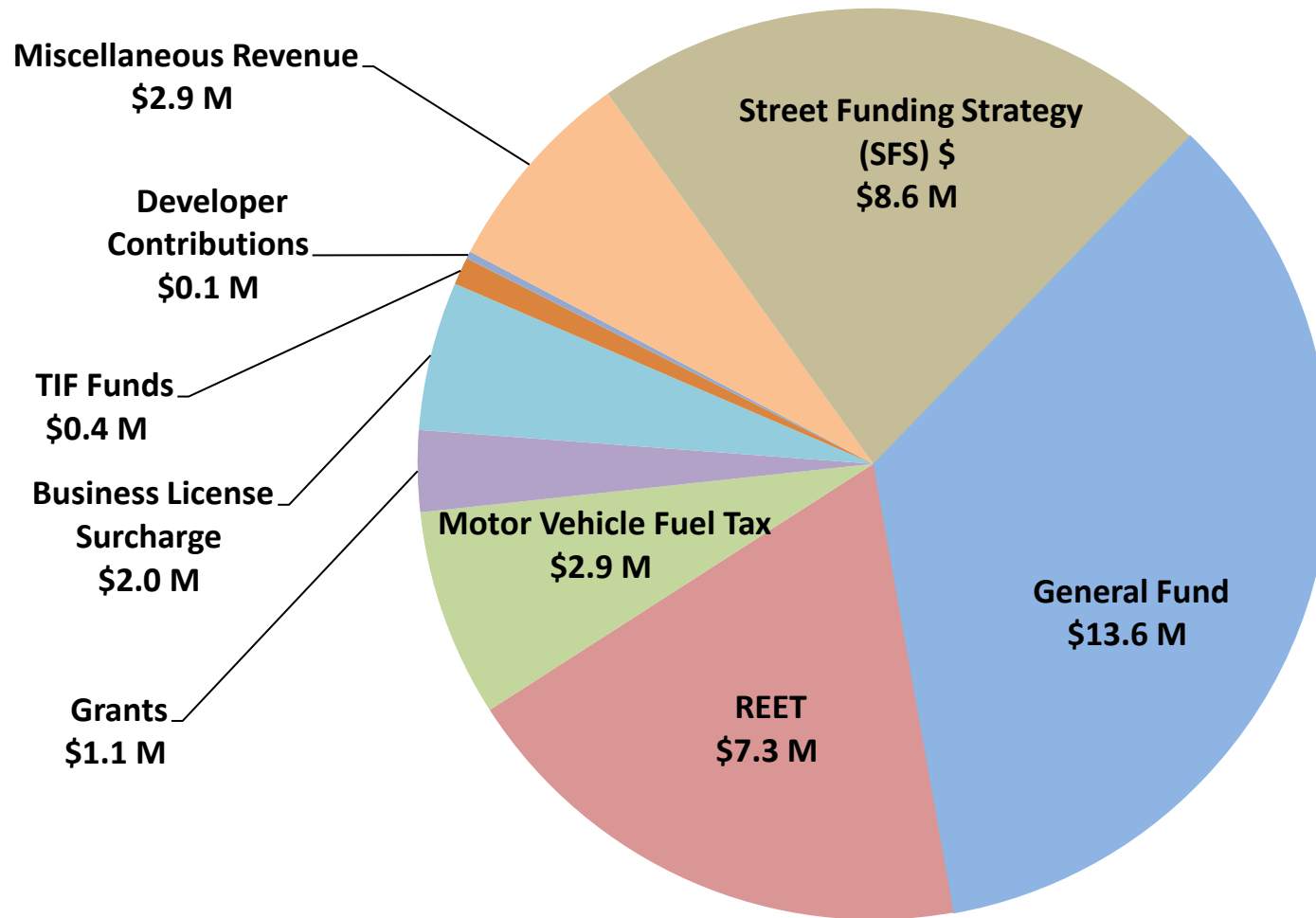
\*\*In 2019 the City switch to a new financial system. Therefore, the categories for cost tracking are different.

\*\*\*Starting in 2019 these costs are included in administration category of street maintenance above.

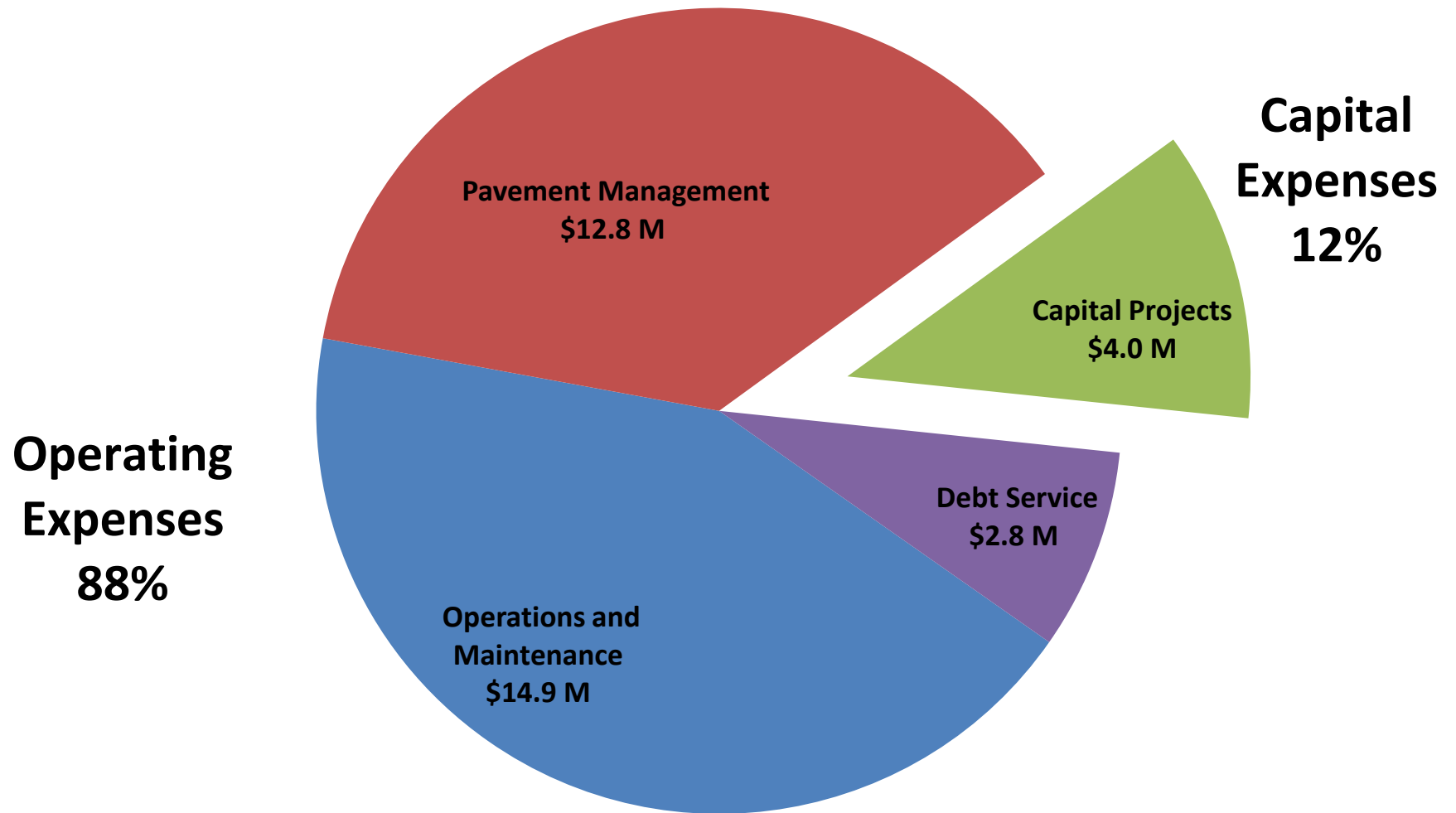


| Street Funding Strategy Tabular Financial Data      |                 |                 |                 |                 |                 |                 |
|-----------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                                                     | Actuals<br>2016 | Actuals<br>2017 | Actuals<br>2018 | Actuals<br>2019 | Actuals<br>2020 | Actuals<br>2021 |
| SFS STREET MAINTENANCE                              |                 |                 |                 |                 |                 |                 |
| Expenses                                            |                 |                 |                 |                 |                 |                 |
| Street Maintenance Fund 103                         |                 |                 |                 |                 |                 |                 |
| Right of Way Maintenance                            | 714,407         | 555,426         | 518,692         | 649,725         | 751,806         | 943,832         |
| Pavement Management                                 | 2,881           | 3,259,688       | 9,267,579       | 9,489,632       | 4,250,052       | 12,809,102      |
| Sidewalk Repair                                     | -               | 51,068          | 127,382         | 503,685         | 323,945         | 253,698         |
| Total Street Maintenance Fund 103 Expenses          | 717,288         | 3,866,182       | 9,913,653       | 10,643,042      | 5,325,803       | 14,006,632      |
| Revenues                                            |                 |                 |                 |                 |                 |                 |
| Street Maintenance Fund 103                         |                 |                 |                 |                 |                 |                 |
| Motor Vehicle Fuel Tax (additional)                 | 488,771         | 345,738         | 480,005         | 476,312         | 473,622         | 476,923         |
| Business License Surcharge (additional)             | 11,535          | 459,980         | 931,620         | 965,694         | 262,245         | 572,275         |
| Retirement of Debt Service                          | 1,000,000       | 1,000,000       | 1,000,000       | 1,400,000       | 1,400,000       | 2,200,000       |
| TBD (Vehicle License Fee)                           |                 | 931,165         | 1,055,539       | 1,024,843       | -               | 1,600,000       |
| 1.5% Utility Tax                                    | -               | 1,722,822       | 1,864,684       | 1,946,031       | 2,089,970       | 2,283,193       |
| Subtotal SFS revenues for Fund 103                  | 1,500,306       | 4,459,705       | 5,331,848       | 5,812,881       | 4,225,837       | 7,132,391       |
| General Fund                                        |                 |                 |                 | 1,892,811       | 4,066,662       | 5,443,102       |
| Grants                                              |                 |                 | 600,000         | 1,668,000       | 24,302          | -               |
| Transfer from Street Maint. Fund (102)              |                 |                 | 1,893,561       |                 | -               | -               |
| Real Estate Excise Tax 2                            |                 |                 | 3,740,188       | 4,272,887       | 4,512,843       | 6,614,807       |
| Miscellaneous (interest, interfund, etc.)           | 2,132           | 270,465         | 376,692         | 91,334          | 282,689         | 210,732         |
| Total Fund 103 All Revenues                         | 1,502,438       | 4,730,170       | 11,942,289      | 13,737,914      | 13,112,333      | 19,401,032      |
| SFS TRANSPORTATION CAPITAL                          |                 |                 |                 |                 |                 |                 |
| Expenses                                            |                 |                 |                 |                 |                 |                 |
| Fund 331 Transportation Capital                     |                 |                 |                 |                 |                 |                 |
| Pavement Management                                 | 999,039         | -               |                 |                 |                 |                 |
| Capital Projects                                    | -               | 768,094         | 1,086,246       | 1,821,734       | 1,274,780       | 1,298,147       |
| Total Fund 331 Expenses                             | 999,039         | 768,094         | 1,086,246       | 1,821,734       | 1,274,780       | 1,298,147       |
| Revenues                                            |                 |                 |                 |                 |                 |                 |
| Fund 331                                            |                 |                 |                 |                 |                 |                 |
| Business License Surcharge                          | 460,936         |                 |                 | 266,324         | 97,344          | 60,720          |
| 1.5% Utility Tax                                    | 1,593,064       |                 |                 |                 | -               |                 |
| Transfer from SFS operating fund (103)              |                 | 21,308          | 11,832          | 18,701          | 20,834          |                 |
| TBD (Vehicle License Fee)                           | -               | 800,000         | 800,000         | 800,000         | -               | 1,330,000       |
| Subtotal SFS revenues for Fund 331                  | 2,053,999       | 821,308         | 811,832         | 1,085,025       | 118,178         | 1,390,720       |
| Transfer from Street Fund (102)                     |                 | 287,798         | 460,013         | 344,462         | 16,039          | 165,000         |
| Transfer from General Fund (001)                    |                 |                 |                 |                 |                 | 54,682          |
| Transfer from Street Capital Fund (330)             |                 |                 |                 |                 |                 | 500,000         |
| Transportation Impact Fees                          |                 |                 | 126,046         | 84,550          | -               | 49,775          |
| Real Estate Excise Tax                              |                 | 150,490         | 156,811         | 161,672         | 165,714         | 175,657         |
| Grants                                              |                 | 13,820          | 202,861         | 749,502         | 146,000         | 215,571         |
| Developer Participation                             |                 |                 |                 | 83,853          | 368,552         | 98,078          |
| Miscellaneous (i.e. interest, interfund, etc.)      | (1,425)         | 12,373          | 35,706          | 101,973         | 24,326          | 6,853           |
| Total Fund 331 All Revenues                         | 2,052,575       | 1,285,789       | 1,793,269       | 2,611,036       | 838,809         | 2,656,336       |
| Transportation Benefit District Fund (TBD) Fund 634 |                 |                 |                 |                 |                 |                 |
| Expenses                                            | None            |                 |                 |                 |                 |                 |
| Fund 634 Expenses                                   |                 |                 |                 |                 |                 |                 |
| Transfer to fund 103 (Streets Maintenance)          |                 | 931,165         | 1,055,539       | 1,049,336       | -               | 1,800,000       |
| Transfer to fund 330 (Capital Projects)             |                 |                 | 1,000,000       | 1,000,000       | 2,000,000       |                 |
| Transfer to fund 331 (Capital Projects)             |                 | 800,000         | 800,000         | 800,000         | -               | 1,130,000       |
| Total Fund 634 Expenses                             |                 | 1,731,165       | 2,855,539       | 2,849,336       | 2,000,000       | 2,930,000       |
| Revenues                                            |                 |                 |                 |                 |                 |                 |
| Fund 634 Revenues                                   |                 |                 |                 |                 |                 |                 |
| TBD (Vehicle License Fee)                           | 1,238,204       | 2,425,136       | 3,790,905       | 4,808,585       | 5,510,063       | 5,319,481       |
| Miscellaneous (i.e. interest, interfund, etc.)      | 1,828           | 9,934           | 30,231          | 56,620          | 44,118          | 17,002          |
| Total Fund 634 Expenses                             | 1,240,032       | 2,435,070       | 3,821,136       | 4,865,205       | 5,554,181       | 5,336,483       |
| O&M, pavement, capital combined                     |                 |                 |                 |                 |                 |                 |
| Expenses                                            |                 |                 |                 |                 |                 |                 |
| Right of Way Maintenance                            | 714,407         | 555,426         | 518,692         | 649,725         | 751,806         | 943,832         |
| Pavement Management                                 | 1,001,920       | 3,259,688       | 9,267,579       | 9,489,632       | 4,250,052       | 12,809,102      |
| Capital Projects                                    | 999,039         | 768,094         | 1,086,246       | 1,821,734       | 1,274,780       | 1,298,147       |
| Total Expenses                                      | 2,715,366       | 4,583,208       | 10,872,517      | 11,961,091      | 6,276,638       | 15,051,081      |
| Revenues                                            |                 |                 |                 |                 |                 |                 |
| TBD (Vehicle License Fee)                           | 1,240,032       | 2,435,070       | 3,821,136       | 4,865,205       | 5,554,181       | 5,336,483       |
| Business License Surcharge                          | 472,471         | 459,980         | 931,620         | 1,232,018       | 359,589         | 632,995         |
| 1.5% Utility Tax                                    | 1,593,064       | 1,722,822       | 1,864,684       | 1,946,031       | 2,089,970       | 2,283,193       |
| Motor Vehicle Fuel Tax                              | 488,771         | 345,738         | 480,005         | 476,312         | 473,622         | 476,923         |
| Retirement of Debt Service                          | 1,000,000       | 1,000,000       | 1,000,000       | 1,400,000       | 1,400,000       | 2,200,000       |
| Revenues (SFS only)                                 | 4,794,337       | 5,963,610       | 8,097,445       | 9,919,567       | 9,877,362       | 10,929,594      |
| Transfer from Street Maint. Fund (102)              | -               | 287,798         | 460,013         | 344,462         | 16,039          | 165,000         |
| Transfer from General Fund (001)                    | -               | -               | -               | -               | -               | 54,682          |
| Transfer from Street Capital Fund (330)             | -               | -               | -               | -               | -               | 500,000         |
| Real Estate Excise Tax                              | -               | 150,490         | 156,811         | 161,672         | 165,714         | 175,657         |
| Grants                                              | -               | 13,820          | 802,861         | 2,417,502       | 170,302         | 215,571         |
| Miscellaneous (i.e. interest)                       | 2,535           | 292,773         | 442,629         | 249,928         | 351,133         | 234,587         |
| Revenues (SFS + Grants)                             | 4,796,873       | 6,708,491       | 9,959,759       | 13,093,130      | 10,580,550      | 12,275,091      |

## 2021 Streets Revenue Operating and Capital \$38.9 Million

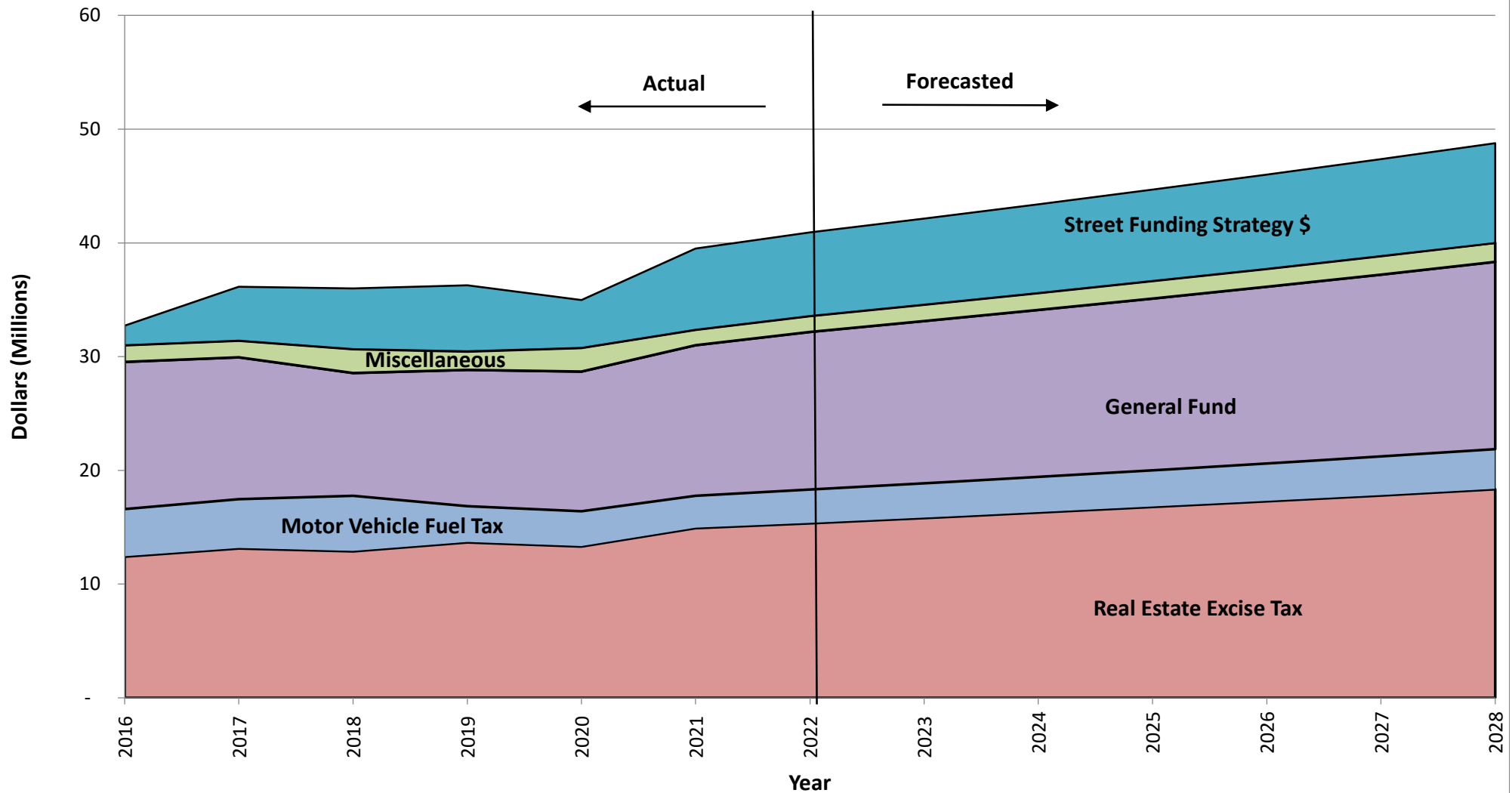


**2021 Streets Expenses Operating and Capital  
\$34.5 Million**

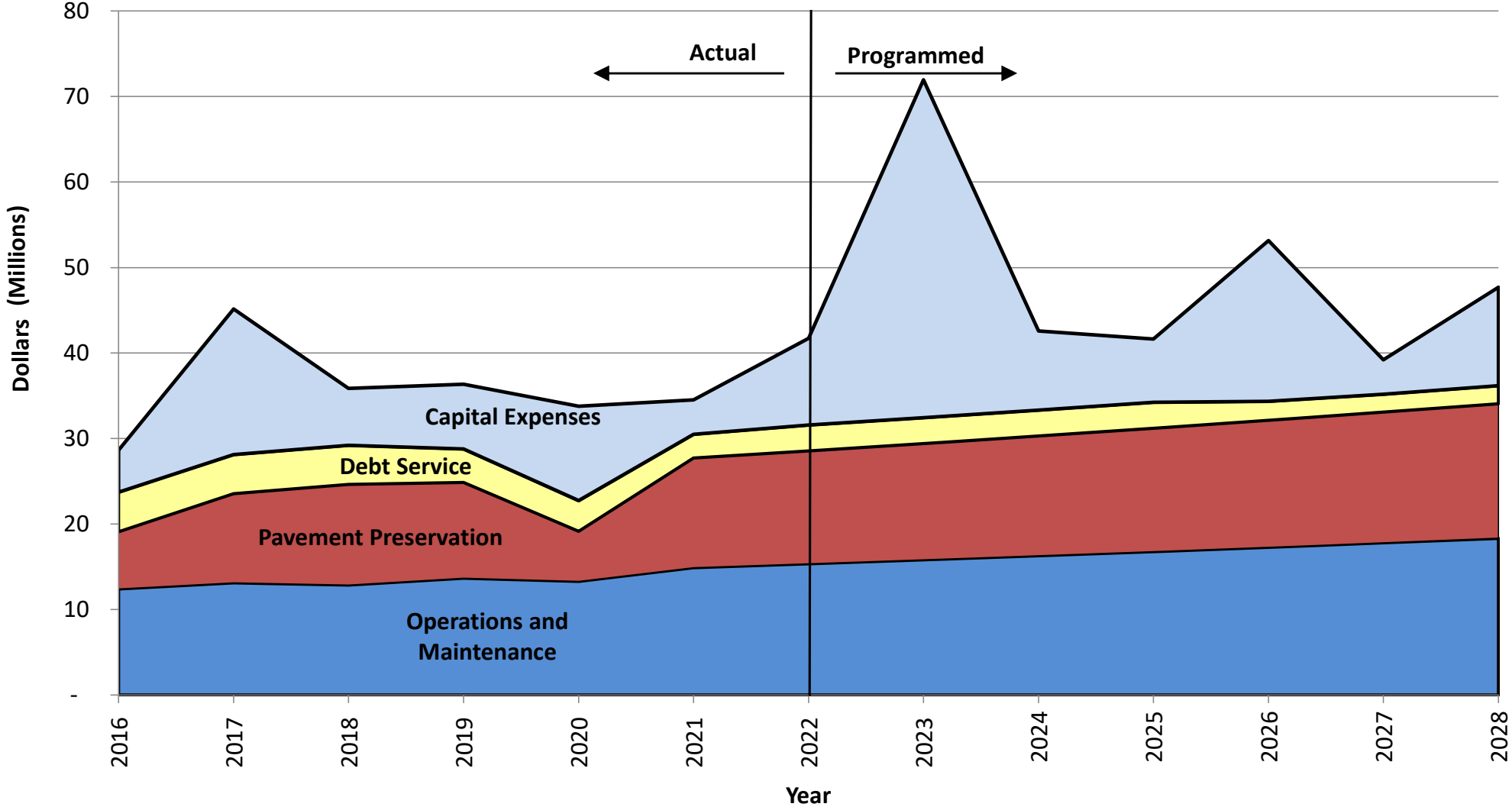




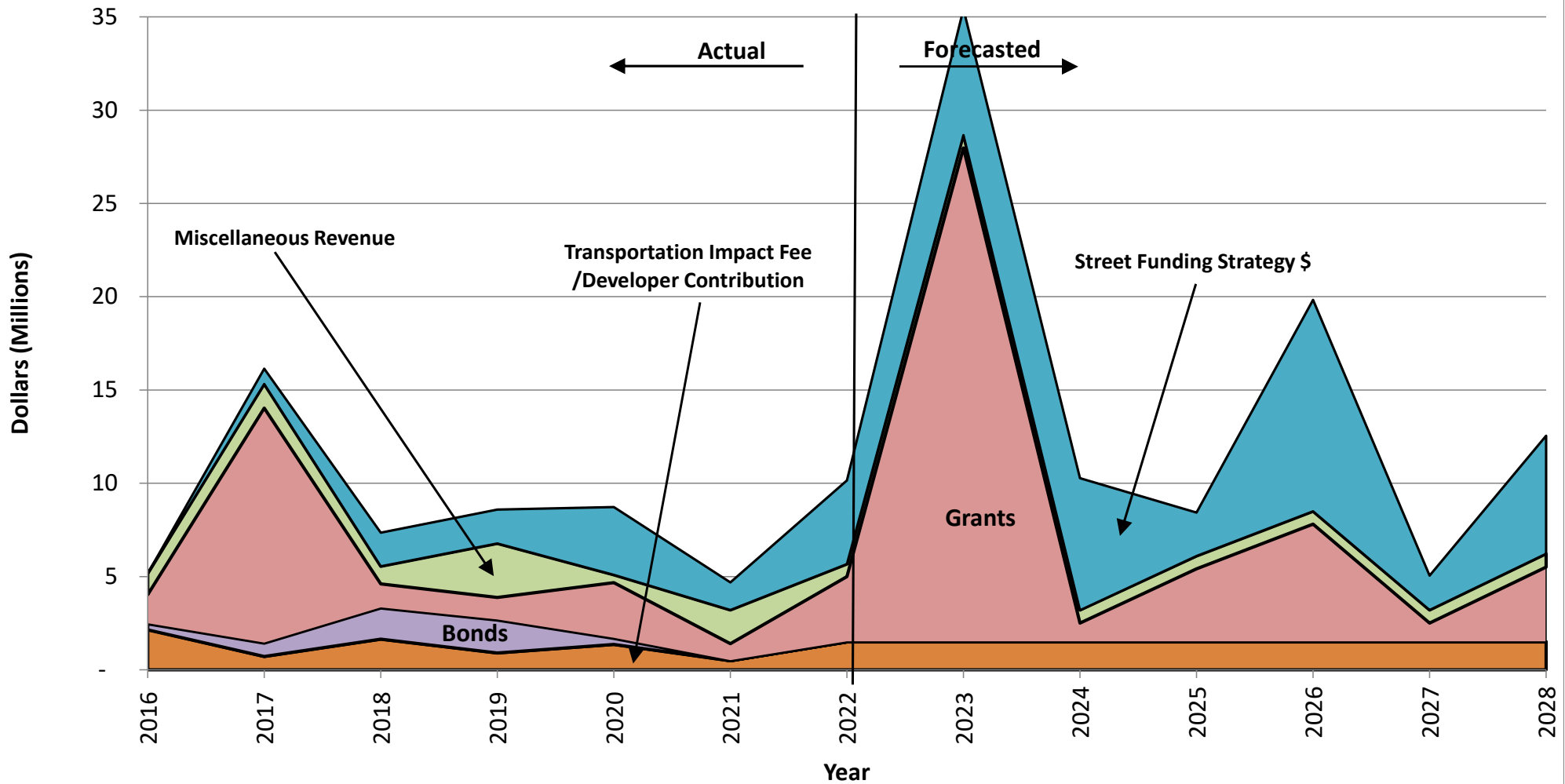
## Revenue Supporting Street Operations, Pavement Preservation, and Debt Service



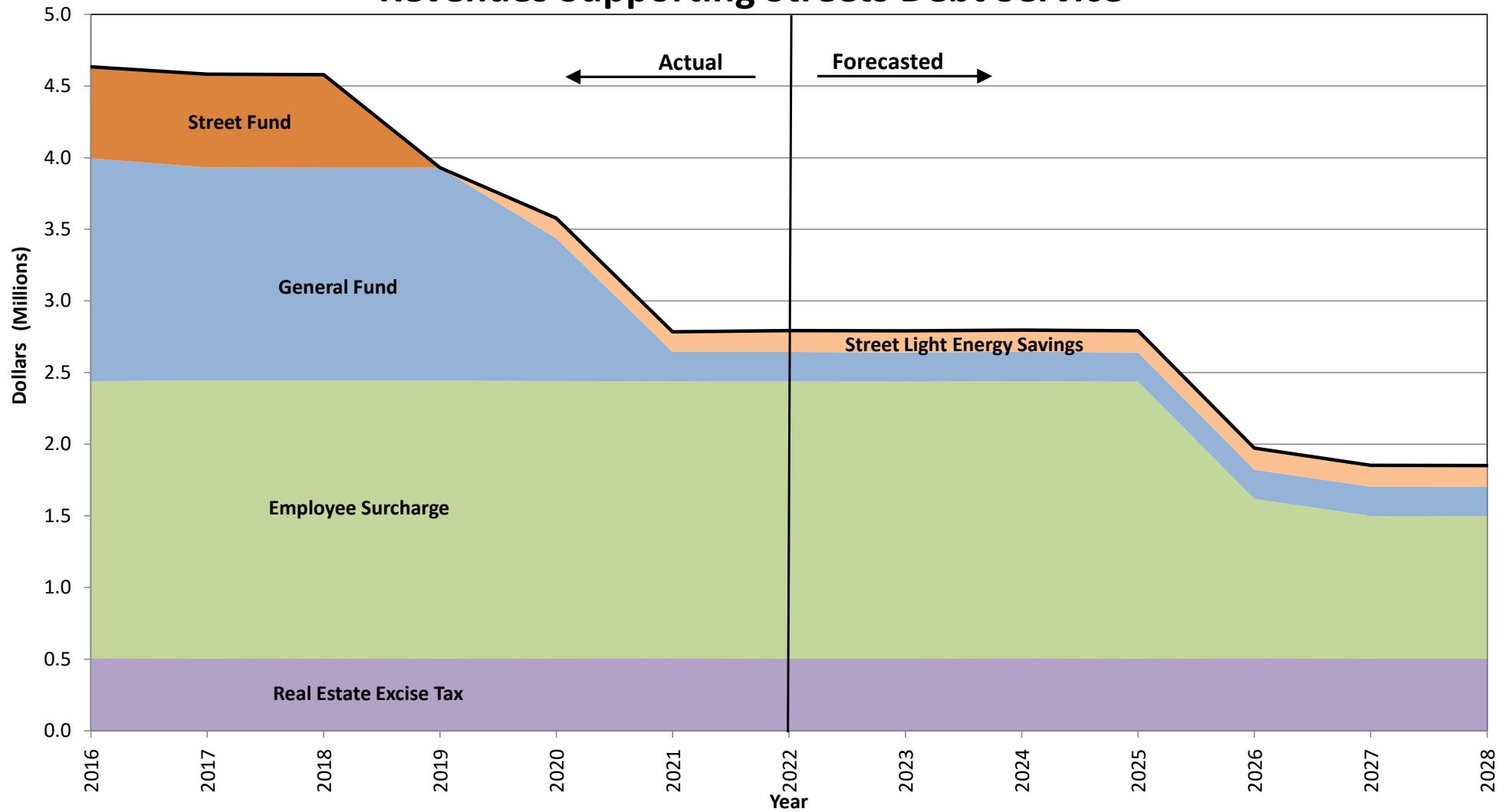
# Total Streets Expenses History and Forecasts



## Revenues Supporting Streets Capital Projects & Programs



## Revenues Supporting Streets Debt Service



## Six-Year Project List



## Transportation Program TIP Changes

This section provides an overview of the changes from the previous 6-year project list (2022-2027) to this year's 6-year project list (2023-2028). The changes are segmented by: projects removed; projects added; and other changes.

| <b>Projects Removed:</b>                                              | <b>TIP ID:</b> | <b>Project Type:</b>  | <b>Comments:</b>          |
|-----------------------------------------------------------------------|----------------|-----------------------|---------------------------|
| Columbia St. and W. 13 <sup>th</sup> St. Intersection                 | TRANS-865      | Signal & Lighting     | Project completed in 2021 |
| Mill Plain Arrival on Green                                           | TRANS-877      | Signal & Lighting     | Project completed in 2021 |
| E. 5 <sup>th</sup> St Improvements – Ft. Vancouver Way to Reserve St. | TRANS-874      | Active Transportation | Project completed in 2022 |
| NE Fourth Plain/SR500 and NE 166 <sup>th</sup> Ave HAWK Signal        | TRANS-901      | Signal & Lighting     | Project completed in 2021 |
| Columbia St. Safety and Mobility Project                              | TRANS-904      | Active Transportation | Project completed in 2022 |

| <b>Projects Added:</b>                                                          | <b>TIP ID:</b> | <b>Project Type:</b>  | <b>Comments:</b>                          |
|---------------------------------------------------------------------------------|----------------|-----------------------|-------------------------------------------|
| NE 124 <sup>th</sup> Ave. - NE 28 <sup>th</sup> St. to NE 39 <sup>th</sup> St.  | TRANS-907      | Arterial Improvements | New project added to Unfunded List        |
| NE Hazel Dell Ave./BBC Trail Crossing                                           | TRANS-910      | Active Transportation | New safety project added to Unfunded List |
| NE Padden Expressway and NE Andresen Rd. Intersection Improvements              | TRANS-911      | Active Transportation | New safety project added to Unfunded List |
| SE 34 <sup>th</sup> St. and SE 192 <sup>nd</sup> Ave. Intersection Improvements | TRANS-912      | Active Transportation | New safety project added to Unfunded List |
| MacArthur Blvd. and S. Blandford Dr. Pedestrian Crossing                        | TRANS-913      | Active Transportation | New safety project added to Unfunded List |
| W. 39 <sup>th</sup> and Daniels St. Pedestrian Crossing                         | TRANS-914      | Active Transportation | New safety project added to Funded List   |
| Fruit Valley Rd. and Firestone Lane Pedestrian Crossing                         | TRANS-915      | Active Transportation | New safety project added to Unfunded List |
| W. 16 <sup>th</sup> St. and NW Packing Pedestrian Crossing                      | TRANS-916      | Active Transportation | New safety project added to Unfunded List |
| MacArthur Complete Streets Improvement                                          | TRANS-917      | Active Transportation | New safety project added to Funded List   |
| NE 18 <sup>th</sup> St. and Burnt Bridge Creek Enhanced Pedestrian Improvement  | TRANS-918      | Active Transportation | New safety project added to Funded List   |

| <b>Other Changes:</b>                                        | <b>TIP ID:</b> | <b>Project Type:</b>  | <b>Comments:</b>                                                                |
|--------------------------------------------------------------|----------------|-----------------------|---------------------------------------------------------------------------------|
| NE Fourth Plain Blvd – SB NE Andresen Rd                     | TRANS-906      | Arterial Improvements | Project moved from Partially to Fully Funded List                               |
| W. Fourth Plain Blvd. and Franklin St. Improvements          | TRANS-866      | Signal & Lighting     | Project moved from Unfunded to Funded                                           |
| Annual Arterial Street Light Program                         | TRANS-869      | Signal & Lighting     | Project moved from Unfunded to Funded                                           |
| McGillivray and Village Loop Drive New Signal                | TRANS-880      | Signal & Lighting     | Project renamed to McGillivray and Village Loop Drive Intersection Improvements |
| E. Fourth Plain Blvd. – Ft. Vancouver Way to NE Andresen Rd. | TRANS-258      | Active Transportation | Project moved from Unfunded to Funded                                           |
| Main St.- 5 <sup>th</sup> St to 15 <sup>th</sup> St          | TRANS-495      | Active Transportation | Project moved from Unfunded to Funded                                           |

|                                                                                  |                       |                                          |                                                                                        |
|----------------------------------------------------------------------------------|-----------------------|------------------------------------------|----------------------------------------------------------------------------------------|
| SE 10 <sup>th</sup> St. Sidewalks – SE 98 <sup>th</sup> Ave. to SE Ellsworth Rd. | TRANS-857             | Active Transportation                    | Project limits revised in cut sheet for sidewalk on north side from Ellsworth to I-205 |
| Main St. Safety Improvement Project – N. 39 <sup>th</sup> St to Hazel Dell Ave.  | TRANS-873             | Active Transportation                    | Project moved from Unfunded to Partially Funded                                        |
| NE 68 <sup>th</sup> St Sidewalk                                                  | TRANS-878             | Active Transportation                    | Project moved from Partially Funded to Fully Funded                                    |
| <b>Other:</b>                                                                    | <b>Project Type:</b>  | <b>Comments:</b>                         |                                                                                        |
| <b>Non-City Projects Added</b>                                                   |                       |                                          |                                                                                        |
| NE 39 <sup>th</sup> St. and I-5 NB on ramp widening                              | Arterial Improvements | WSDOT                                    |                                                                                        |
| NE Fourth Plain and SR503                                                        | Arterial Improvements | WSDOT                                    |                                                                                        |
| NE Highway 99 BRT                                                                | Arterial Improvements | C-Tran                                   |                                                                                        |
| <b>Non-City Projects Removed</b>                                                 |                       |                                          |                                                                                        |
| NE Mill Plain Blvd. and I-5 Interchange Improvements                             | Arterial Improvements | WSDOT – Project Completed                |                                                                                        |
| Mill Plain Blvd. (Port of Vancouver to I-5) Improvements                         | Arterial Improvements | WSDOT – Project Completed                |                                                                                        |
| Hazel Dell Ave./BBC Trail Crossing                                               | Active Transportation | Moved to City of Vancouver UNFUNDED list |                                                                                        |



SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM  
(2023-2028)

Note: All costs are in 2022 dollars. 2022 shown for reference only (6-year plan is for 2023-2028).

FUNDED PROJECTS/PROGRAMS

| S<br>C<br>O<br>R<br>E    | Project ID | Project Name                                                                    | Project Type                       | Funding Type | Spent to Date<br>(Feb - 2022) | 2022                 | 2023                 | 2024                 | 2025                 | 2026                 | 2027                 | 2028                 | 6-Year Total | TIF Area old/new   |
|--------------------------|------------|---------------------------------------------------------------------------------|------------------------------------|--------------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|--------------------|
|                          |            |                                                                                 |                                    |              |                               | Planned Expenditures | Planned Expenditures | Planned Expenditures | Planned Expenditures | Planned Expenditures | Planned Expenditures | Planned Expenditures |              |                    |
| FUNDED PROJECTS/PROGRAMS |            |                                                                                 |                                    |              |                               |                      |                      |                      |                      |                      |                      |                      |              |                    |
|                          |            |                                                                                 | Arterial Improvements              |              |                               |                      |                      |                      |                      |                      |                      |                      |              |                    |
| 75                       | TRANS-268  | SE 1st St. - SE 164th Ave. to SE 177th Ave.                                     | Arterial Improvements              | EXST \$      |                               | \$2,750,000          |                      |                      |                      |                      |                      |                      | \$2,750,000  | East City/Cascade  |
|                          |            | Design Phase - Funded & started - from 164th to 177th                           |                                    | SFS \$       |                               | \$2,000,000          |                      |                      |                      | \$2,000,000          |                      |                      |              |                    |
|                          |            | Right-of-Way Phase - Funded & started - from 164th to 177th                     |                                    | GRANT \$     |                               | \$6,250,000          |                      |                      |                      | \$6,250,000          |                      |                      |              |                    |
|                          |            | Construction Phase - Funded from 164th to 177th                                 |                                    | TOTAL \$     | \$4,885,000                   | \$9,000,000          | \$2,000,000          | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$11,000,000 |                    |
| 48                       | TRANS-906  | NE Fourth Plain/SB Andresen Rd. Intersection Improvements                       | Arterial Improvements              | EXST \$      |                               |                      |                      |                      |                      |                      |                      |                      | \$0          | Vancouver/Columbia |
|                          |            | Design Phase - Funded - Started                                                 |                                    | SFS \$       |                               | \$30,000             | \$10,000             |                      |                      |                      |                      |                      | \$40,000     |                    |
|                          |            | Right-of-Way Phase - N/A                                                        |                                    | GRANT \$     |                               | \$60,000             |                      |                      |                      |                      |                      | \$60,000             |              |                    |
|                          |            | Construction Phase - Funded                                                     |                                    | TOTAL \$     | \$0                           | \$90,000             | \$10,000             | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$100,000    |                    |
|                          |            |                                                                                 | Signal and Lighting Improvements   |              |                               |                      |                      |                      |                      |                      |                      |                      |              |                    |
| 57                       | TRANS-866  | W. Fourth Plain and Franklin St. Intersection Improvement - Funded by TRANS-237 | Signal and Lighting Improvements   | EXST \$      |                               | \$50,000             |                      |                      |                      |                      |                      |                      | \$50,000     | Vancouver/Columbia |
|                          |            | Design Phase - Funded - Started                                                 |                                    | SFS \$       |                               |                      |                      |                      |                      |                      |                      | \$0                  |              |                    |
|                          |            | Right-of-Way Phase - Funded                                                     |                                    | GRANT \$     |                               | \$300,000            | \$50,000             |                      |                      |                      |                      | \$350,000            |              |                    |
|                          |            | Construction Phase - Funded                                                     |                                    | TOTAL \$     | \$0                           | \$350,000            | \$50,000             | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$400,000    |                    |
| 42                       | TRANS-908  | SE Mill Plain Aerial Fiber Removal - partially funded by TRANS-237              | Signal and Lighting Improvements   | EXST \$      |                               | \$0                  | \$100,000            |                      |                      |                      |                      |                      | \$100,000    | Vancouver/Columbia |
|                          |            | Design Phase - Funded - Started                                                 |                                    | SFS \$       |                               |                      |                      |                      |                      |                      |                      | \$0                  |              |                    |
|                          |            | Right-of-Way Phase - N/A                                                        |                                    | GRANT \$     |                               |                      |                      |                      |                      |                      |                      | \$0                  |              |                    |
|                          |            | Construction Phase - Funded                                                     |                                    | TOTAL \$     | \$0                           | \$0                  | \$100,000            | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$100,000    |                    |
|                          |            |                                                                                 | Active Transportation Improvements |              |                               |                      |                      |                      |                      |                      |                      |                      |              |                    |
| 61                       | TRANS-495  | Main St. Reconstruction - 5th St. to 15th Street                                | Active Transportation Improvements | EXST \$      |                               |                      |                      |                      |                      |                      |                      |                      | \$0          | Vancouver/Columbia |
|                          |            | Design Phase - Funded - Started                                                 |                                    | SFS \$       |                               |                      |                      |                      |                      |                      |                      | \$0                  |              |                    |
|                          |            | Right-of-Way Phase - N/A                                                        |                                    | GRANT \$     |                               | \$1,000,000          | \$9,000,000          |                      |                      |                      |                      | \$10,000,000         |              |                    |
|                          |            | Construction Phase - Funded                                                     |                                    | TOTAL \$     | \$30,000                      | \$1,000,000          | \$9,000,000          | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$10,000,000 |                    |
| 48                       | TRANS-854  | Transportation System Plan (TSP) Update                                         | Active Transportation Improvements | EXST \$      |                               | \$500,000            | \$100,000            |                      |                      |                      |                      |                      | \$600,000    | City-Wide          |
|                          |            | Design Phase - Funded - Started                                                 |                                    | SFS \$       |                               |                      |                      |                      |                      |                      |                      | \$0                  |              |                    |
|                          |            | Right-of-Way Phase - N/A                                                        |                                    | GRANT \$     |                               |                      |                      |                      |                      |                      |                      | \$0                  |              |                    |
|                          |            | Construction Phase - N/A                                                        |                                    | TOTAL \$     |                               | \$500,000            | \$100,000            | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$600,000    |                    |
| 50                       | TRANS-871  | N. Devine Rd. Sidewalk Improvements – N. Idaho St. to NE 18th St.               | Active Transportation Improvements | EXST \$      |                               |                      |                      |                      |                      |                      |                      |                      | \$0          | Vancouver/Columbia |
|                          |            | Design Phase - Funded - Started                                                 |                                    | SFS \$       |                               | \$100,000            |                      |                      |                      |                      |                      | \$100,000            |              |                    |
|                          |            | Right-of-Way Phase - N/A                                                        |                                    | GRANT \$     |                               | \$750,000            | \$200,000            |                      |                      |                      |                      | \$950,000            |              |                    |
|                          |            | Construction Phase - Funded                                                     |                                    | TOTAL \$     | \$428,000                     | \$850,000            | \$200,000            | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$1,050,000  |                    |

EXST \$=current non-grant revenue sources; SFS \$=street funding strategy non-grant revenue sources; GRANT \$=existing and potential grants; Bold/Italicized=potential grant \$





SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM  
(2023-2028)

Note: All costs are in 2022 dollars. 2022 shown for reference only (6-year plan is for 2023-2028).

FUNDED PROJECTS/PROGRAMS

|                          |            |                                                                                                                                                                                                              |                                    |              |                               | 2022                 | 2023                 | 2024                 | 2025                 | 2026                 | 2027                 | 2028                 |              |                    |
|--------------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|--------------------|
| S<br>C<br>O<br>R<br>E    | Project ID | Project Name                                                                                                                                                                                                 | Project Type                       | Funding Type | Spent to Date<br>(Feb - 2022) | Planned Expenditures | Planned Expenditures | Planned Expenditures | Planned Expenditures | Planned Expenditures | Planned Expenditures | Planned Expenditures | 6-Year Total | TIF Area old/new   |
| FUNDED PROJECTS/PROGRAMS |            |                                                                                                                                                                                                              |                                    |              |                               |                      |                      |                      |                      |                      |                      |                      |              |                    |
| 70                       | TRANS-872  | <b>NE Fourth Plain Safety Improvement Project - F St to Ft Vancouver Way</b><br>Design Phase - Funded -Not started<br>Right-of-Way Phase - Funded - Not started<br>Construction Phase - Funded - Not started | Active Transportation Improvements | EXST \$      |                               | ?                    | \$0                  |                      |                      |                      |                      |                      | \$0          | Vancouver/Columbia |
|                          |            |                                                                                                                                                                                                              |                                    | SFS \$       |                               | ?                    | \$100,000            |                      |                      |                      |                      |                      | \$100,000    |                    |
|                          |            |                                                                                                                                                                                                              |                                    | GRANT \$     |                               | ?                    | \$800,000            |                      |                      |                      |                      |                      | \$800,000    |                    |
|                          |            |                                                                                                                                                                                                              |                                    | TOTAL \$     | \$0                           | \$0                  | \$900,000            | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$900,000    |                    |
| 63                       | TRANS-878  | <b>NE 68th St. Sidewalk</b><br>Design Phase - Funded - Started<br>Right-of-Way Phase - Not Applicable<br>Construction Phase - Partially Funded                                                               | Active Transportation Improvements | EXST \$      |                               |                      |                      |                      |                      |                      |                      |                      | \$0          | Vancouver/Columbia |
|                          |            |                                                                                                                                                                                                              |                                    | SFS \$       |                               | \$450,000            |                      |                      |                      |                      |                      |                      | \$450,000    |                    |
|                          |            |                                                                                                                                                                                                              |                                    | GRANT \$     |                               |                      | \$850,000            |                      |                      |                      |                      |                      | \$850,000    |                    |
|                          |            |                                                                                                                                                                                                              |                                    | TOTAL \$     | \$223,000                     | \$450,000            | \$850,000            | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$1,300,000  |                    |
| 50                       | TRANS-889  | <b>NE 18th St. and N. Devine Rd. ADA Improvements</b><br>Design Phase - Funded<br>Right-of-Way Phase - N/A<br>Construction Phase - Funded                                                                    | Active Transportation Improvements | EXST \$      |                               |                      |                      |                      |                      |                      |                      |                      | \$0          | Vancouver/Columbia |
|                          |            |                                                                                                                                                                                                              |                                    | SFS \$       |                               | \$400,000            | \$100,000            |                      |                      |                      |                      |                      | \$500,000    |                    |
|                          |            |                                                                                                                                                                                                              |                                    | GRANT \$     |                               |                      |                      |                      |                      |                      |                      |                      | \$0          |                    |
|                          |            |                                                                                                                                                                                                              |                                    | TOTAL \$     | \$2,700                       | \$400,000            | \$100,000            | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$500,000    |                    |
| 59                       | TRANS-899  | <b>NE Fourth Plain Blvd. - Enhanced Pedestrian Crossings</b><br>Design Phase - Funded - Started<br>Right-of-Way Phase - N/A<br>Construction Phase - Funded                                                   | Active Transportation Improvements | EXST \$      |                               |                      |                      |                      |                      |                      |                      |                      | \$0          | Vancouver/Columbia |
|                          |            |                                                                                                                                                                                                              |                                    | SFS \$       |                               | \$350,000            | \$350,000            |                      |                      |                      |                      |                      | \$700,000    |                    |
|                          |            |                                                                                                                                                                                                              |                                    | GRANT \$     |                               |                      |                      |                      |                      |                      |                      |                      | \$0          |                    |
|                          |            |                                                                                                                                                                                                              |                                    | TOTAL \$     | \$1,800                       | \$350,000            | \$350,000            | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$700,000    |                    |
| 53                       | TRANS-900  | <b>NE Fourth Plain Blvd. and Stapleton Rd. Intersection Improvements</b><br>Design Phase - Funded - Started<br>Right-of-Way Phase - N/A<br>Construction Phase - Funded                                       | Active Transportation Improvements | EXST \$      |                               |                      |                      |                      |                      |                      |                      |                      | \$0          | Vancouver/Columbia |
|                          |            |                                                                                                                                                                                                              |                                    | SFS \$       |                               | \$10,000             | \$15,000             |                      |                      |                      |                      |                      | \$25,000     |                    |
|                          |            |                                                                                                                                                                                                              |                                    | GRANT \$     |                               | \$50,000             | \$80,000             |                      |                      |                      |                      |                      | \$130,000    |                    |
|                          |            |                                                                                                                                                                                                              |                                    | TOTAL \$     | \$1,500                       | \$60,000             | \$95,000             | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$155,000    |                    |
| NEW                      | TRANS-914  | <b>W 39th and Daniels St. Pedestrian Improvements</b><br>Design Phase - Funded - Started<br>Right-of-Way Phase - N/A<br>Construction Phase - Funded                                                          | Active Transportation Improvements | EXST \$      |                               |                      |                      |                      |                      |                      |                      |                      | \$0          | Vancouver/Columbia |
|                          |            |                                                                                                                                                                                                              |                                    | SFS \$       |                               |                      |                      |                      |                      |                      |                      |                      | \$0          |                    |
|                          |            |                                                                                                                                                                                                              |                                    | GRANT \$     |                               |                      | \$150,000            |                      |                      |                      |                      |                      | \$150,000    |                    |
|                          |            |                                                                                                                                                                                                              |                                    | TOTAL \$     | \$0                           | \$0                  | \$150,000            | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$150,000    |                    |
| NEW                      | TRANS-917  | <b>MacArthur Complete Street Improvements</b><br>Design Phase - Funded - Started<br>Right-of-Way Phase - N/A<br>Construction Phase - Funded                                                                  | Active Transportation Improvements | EXST \$      |                               |                      |                      |                      |                      |                      |                      |                      | \$0          | Vancouver/Columbia |
|                          |            |                                                                                                                                                                                                              |                                    | SFS \$       |                               |                      |                      |                      |                      |                      |                      |                      | \$0          |                    |
|                          |            |                                                                                                                                                                                                              |                                    | GRANT \$     |                               |                      | \$500,000            |                      |                      |                      |                      |                      | \$500,000    |                    |
|                          |            |                                                                                                                                                                                                              |                                    | TOTAL \$     | \$0                           |                      | \$500,000            | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$500,000    |                    |
| NEW                      | TRANS-918  | <b>NE 18th St. and Burnt Bridge Creek Enhanced Pedestrian Improvements</b><br>Design Phase - Funded - Started<br>Right-of-Way Phase - N/A<br>Construction Phase - Funded                                     | Active Transportation Improvements | EXST \$      |                               |                      |                      |                      |                      |                      |                      |                      | \$0          | Vancouver/Columbia |
|                          |            |                                                                                                                                                                                                              |                                    | SFS \$       |                               |                      |                      |                      |                      |                      |                      |                      | \$0          |                    |
|                          |            |                                                                                                                                                                                                              |                                    | GRANT \$     |                               |                      | \$100,000            |                      |                      |                      |                      |                      | \$100,000    |                    |
|                          |            |                                                                                                                                                                                                              |                                    | TOTAL \$     | \$0                           |                      | \$100,000            | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$100,000    |                    |

| S<br>C<br>O<br>R<br>E    | Project ID | Project Name                                                                                                                                                                                                                                                                                                                                                                                                                                            | Project Type      | Funding Type | Spent to Date<br>(Feb - 2022) | 2022<br>Planned<br>Expenditures | 2023<br>Planned<br>Expenditures | 2024<br>Planned<br>Expenditures | 2025<br>Planned<br>Expenditures | 2026<br>Planned<br>Expenditures | 2027<br>Planned<br>Expenditures | 2028<br>Planned<br>Expenditures | 6-Year Total | TIF Area old/new |               |
|--------------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------|-------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------|------------------|---------------|
| FUNDED PROJECTS/PROGRAMS |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |              |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 |              |                  |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ongoing           |              |                               | 2022                            | 2023                            | 2024                            | 2025                            | 2026                            | 2027                            | 2028                            | 6 yr. total  |                  |               |
|                          | TRANS-237  | Traffic Signal and Lighting Sustainability<br><br>* 2022 project for citywide signal controller, CPU/software updates                                                                                                                                                                                                                                                                                                                                   | Ongoing           | EXST \$      |                               | \$215,000                       | \$215,000                       | \$215,000                       | \$215,000                       | \$215,000                       | \$215,000                       | \$215,000                       | \$1,505,000  | City-Wide        |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | SFS \$       |                               | \$200,000                       | \$200,000                       | \$200,000                       | \$200,000                       | \$200,000                       | \$200,000                       | \$200,000                       | \$1,400,000  |                  |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | GRANT \$     |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 | \$0          |                  |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | TOTAL \$     | ongoing                       | \$415,000                       | \$415,000                       | \$415,000                       | \$415,000                       | \$415,000                       | \$415,000                       | \$415,000                       | \$2,905,000  |                  |               |
|                          | TRANS-240  | Neighborhood Traffic Calming Program<br><br>Projects implemented as part of the ongoing Neighborhood Traffic Calming Program are intended to help slow traffic and enhance neighborhood livability. These projects may include education or infrastructure to reduce driver speeds; new or improved facilities for people walking, biking, and using mobility devices; and other strategies to increase safety and mobility in Vancouver neighborhoods. | Ongoing           | EXST \$      |                               | \$170,000                       | \$170,000                       | \$170,000                       | \$170,000                       | \$170,000                       | \$170,000                       | \$170,000                       | \$1,190,000  | City-Wide        |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | SFS \$       |                               | \$130,000                       | \$130,000                       | \$130,000                       | \$130,000                       | \$130,000                       | \$130,000                       | \$130,000                       | \$910,000    |                  |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | GRANT \$     |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 | \$0          |                  |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | TOTAL \$     | ongoing                       | \$300,000                       | \$300,000                       | \$300,000                       | \$300,000                       | \$300,000                       | \$300,000                       | \$300,000                       | \$2,100,000  |                  |               |
|                          | TRANS-241  | Pavement Preservation Program<br><br>2022/2023 projects will preserve over 77 lane miles, and include: paving on Broadway and Columbia Streets, 31 lane miles of pavement preservation, and 24 lane miles of slurry seals. 2023 program to be similar.                                                                                                                                                                                                  | Ongoing           | EXST \$      |                               | \$11,000,000                    | \$11,500,000                    | \$12,000,000                    | \$12,500,000                    | \$13,000,000                    | \$13,500,000                    | \$14,000,000                    | \$87,500,000 | City-Wide        |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | SFS \$       |                               | \$600,000                       | \$600,000                       | \$600,000                       | \$600,000                       | \$600,000                       | \$600,000                       | \$600,000                       | \$4,200,000  |                  |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | GRANT \$     |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 | \$0          |                  |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | TOTAL \$     | ongoing                       | \$11,600,000                    | \$12,100,000                    | \$12,600,000                    | \$13,100,000                    | \$13,600,000                    | \$14,100,000                    | \$14,600,000                    | \$91,700,000 |                  |               |
|                          | TRANS-245  | Bridge Inspection Program<br><br>*Includes 2022 load rating inspections for Federal Highways Administration                                                                                                                                                                                                                                                                                                                                             | Ongoing           | EXST \$      |                               | \$50,000                        | \$50,000                        | \$50,000                        | \$50,000                        | \$50,000                        | \$50,000                        | \$50,001                        | \$350,001    | City-Wide        |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | SFS \$       |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 | \$0          |                  |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | GRANT \$     |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 | \$0          |                  |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | TOTAL \$     | ongoing                       | \$50,000                        | \$50,000                        | \$50,000                        | \$50,000                        | \$50,000                        | \$50,000                        | \$50,001                        | \$350,001    |                  |               |
|                          | TRANS-869  | Arterial Street Light Program<br><br>*Funded with energy savings from LED Retrofi                                                                                                                                                                                                                                                                                                                                                                       | Ongoing           | EXST \$      |                               | \$250,000                       | \$250,000                       | \$250,000                       | \$250,000                       | \$250,000                       | \$250,000                       | \$250,001                       | \$1,750,001  | City-Wide        |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | SFS \$       |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 | \$0          |                  |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | GRANT \$     |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 | \$0          |                  |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | TOTAL \$     | ongoing                       | \$250,000                       | \$250,000                       | \$250,000                       | \$250,000                       | \$250,000                       | \$250,000                       | \$250,001                       | \$1,750,001  |                  |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |              |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 |              |                  | 6-year Totals |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | EXST \$      | Annually =                    | \$12,235,000                    | \$12,385,000                    | \$12,685,000                    | \$13,185,000                    | \$13,685,000                    | \$14,185,000                    | \$14,685,002                    | EXST \$      | \$93,045,002     |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | SFS \$       | Annually =                    | \$2,240,000                     | \$1,495,000                     | \$930,000                       | \$930,000                       | \$930,000                       | \$930,000                       | \$930,000                       | SFS \$       | \$8,385,000      |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | GRANT \$     | Annually =                    | \$2,100,000                     | \$11,730,000                    | \$0                             | \$0                             | \$0                             | \$0                             | \$0                             | GRANT \$     | \$13,830,000     |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | TOTAL \$     | Annually =                    | \$16,575,000                    | \$25,610,000                    | \$13,615,000                    | \$14,115,000                    | \$14,615,000                    | \$15,115,000                    | \$15,615,002                    | TOTAL \$     | \$115,260,002    |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |              |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 |              |                  |               |
|                          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Non-City          |              |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 |              |                  |               |
|                          |            | I-5 Interstate Bridge Replacement (unfunded)                                                                                                                                                                                                                                                                                                                                                                                                            | Multi-agency      |              |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 |              |                  |               |
|                          |            | SR-14 (I-205 to 164th Ave) Widening (funded)                                                                                                                                                                                                                                                                                                                                                                                                            | WSDOT             |              |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 |              |                  |               |
|                          |            | NE 166th Ave and Fourth Plain Blvd. HAWK Signal                                                                                                                                                                                                                                                                                                                                                                                                         | WSDOT             |              |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 |              |                  |               |
|                          |            | NE 39th St and I-5 NB Ramp Widening (Funded)                                                                                                                                                                                                                                                                                                                                                                                                            | WSDOT             | New          |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 |              |                  |               |
|                          |            | NE Fourth Plain Blvd. and SR503                                                                                                                                                                                                                                                                                                                                                                                                                         | WSDOT             | New          |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 |              |                  |               |
|                          |            | Mill Plain Fiber Network - Downtown to SE 192nd Ave.                                                                                                                                                                                                                                                                                                                                                                                                    | C-Tran            |              |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 |              |                  |               |
|                          |            | Mill Plain BRT (funded)                                                                                                                                                                                                                                                                                                                                                                                                                                 | C-Tran            |              |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 |              |                  |               |
|                          |            | Highway 99 BRT                                                                                                                                                                                                                                                                                                                                                                                                                                          | C-Tran            | New          |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 |              |                  |               |
|                          |            | Lower River Road Trail Improvement (unfunded)                                                                                                                                                                                                                                                                                                                                                                                                           | Port of Vancouver |              |                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 |              |                  |               |



SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM  
(2023-2028)

Note: All costs are in 2022 dollars. 2022 shown for reference only (6-year plan is for 2023-2028).

PARTIALLY FUNDED PROJECTS/PROGRAMS

| S<br>C<br>O<br>R<br>E              | Project ID | Project Name                                                        | Project Type                       | Funding Type                                | Spent to Date<br>(Feb-2022) | 2022                 | 2023                 | 2024                 | 2025                 | 2026                 | 2027                 | 2028                 | 6-Year Total | TIF Area old/new                          |
|------------------------------------|------------|---------------------------------------------------------------------|------------------------------------|---------------------------------------------|-----------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|-------------------------------------------|
|                                    |            |                                                                     |                                    |                                             |                             | Planned Expenditures | Planned Expenditures | Planned Expenditures | Planned Expenditures | Planned Expenditures | Planned Expenditures | Planned Expenditures |              |                                           |
| PARTIALLY FUNDED PROJECTS/PROGRAMS |            |                                                                     |                                    |                                             |                             |                      |                      |                      |                      |                      |                      |                      |              |                                           |
|                                    |            |                                                                     | Arterial Improvements              |                                             |                             |                      |                      |                      |                      |                      |                      |                      |              |                                           |
| 56                                 | TRANS-275  | NE 137th Ave. - NE 49th St. to NE Fourth Plain Blvd.                | Arterial Improvements              | EXST \$                                     |                             | \$0                  |                      |                      |                      |                      |                      |                      | \$0          | Evergreen/Pacific                         |
|                                    |            | Design Phase - Funded - Started                                     |                                    | SFS \$                                      | \$150,000                   | \$3,000,000          | \$5,000,000          |                      |                      | \$8,000,000          |                      |                      |              |                                           |
|                                    |            | Right-of-Way Phase - Funded - Started                               |                                    | GRANT \$                                    | \$1,000,000                 | \$7,000,000          |                      |                      | \$7,000,000          |                      |                      |                      |              |                                           |
|                                    |            | Construction Phase - Partially Funded - Not started                 |                                    | TOTAL \$                                    | \$3,443,000                 | \$1,150,000          | \$10,000,000         | \$5,000,000          | \$0                  | \$0                  | \$0                  | \$0                  | \$15,000,000 |                                           |
| 63                                 | TRANS-444  | NE 18th St. - NE 142nd Ave. to NE 162nd Ave.                        | Arterial Improvements              | EXST \$                                     |                             | \$0                  |                      |                      |                      |                      | \$0                  | \$0                  | \$0          | Pacific /Cascade                          |
|                                    |            | Design Phase - Funded - Not started                                 |                                    | SFS \$                                      | \$500,000                   | \$250,000            | \$750,000            |                      |                      | \$500,000            | \$5,000,000          | \$6,500,000          |              |                                           |
|                                    |            | Right-of-Way Phase - Funded - Not started                           |                                    | GRANT \$                                    | \$0                         |                      |                      |                      | \$1,000,000          | \$4,000,000          | \$5,000,000          |                      |              |                                           |
|                                    |            | Construction Phase - Funding uncertain - Not started                |                                    | TOTAL \$                                    | \$0                         | \$500,000            | \$250,000            | \$750,000            | \$0                  | \$0                  | \$1,500,000          | \$9,000,000          | \$11,500,000 |                                           |
| 63                                 | TRANS-527  | NE 18th St. - NE 97th Ave. to NE 107th Ave.                         | Arterial Improvements              | EXST \$                                     |                             |                      |                      |                      |                      |                      |                      |                      | \$0          | Evergreen & E. City/<br>Pacific & Cascade |
|                                    |            | Design Phase - Funded - Started                                     |                                    | SFS \$                                      | \$500,000                   | \$600,000            |                      |                      | \$9,000,000          |                      | \$9,600,000          |                      |              |                                           |
|                                    |            | Right-of-Way Phase - Funded - Started                               |                                    | GRANT \$                                    | \$385,000                   | \$250,000            |                      |                      | \$4,800,000          |                      | \$5,050,000          |                      |              |                                           |
|                                    |            | Construction Phase - Funding uncertain - Not started                |                                    | TOTAL \$                                    | \$1,456,000                 | \$885,000            | \$850,000            | \$0                  | \$0                  | \$13,800,000         | \$0                  | \$0                  | \$14,650,000 |                                           |
| 61                                 | TRANS-531  | Jefferson St. - W. Evergreen to W. Mill Plain Blvd.                 | Arterial Improvements              | EXST \$                                     |                             |                      |                      |                      |                      |                      |                      |                      | \$0          | Vancouver/Columbia                        |
|                                    |            | Design Phase - Funded - Started                                     |                                    | SFS \$                                      | \$500,000                   | \$500,000            |                      | \$1,000,000          | \$1,000,000          |                      | \$2,500,000          |                      |              |                                           |
|                                    |            | Right-of-Way Phase - Funded - Not started                           |                                    | GRANT \$                                    | \$0                         |                      | \$3,900,000          | \$1,500,000          |                      | \$5,400,000          |                      |                      |              |                                           |
|                                    |            | Construction Phase - Funding uncertain - Not started                |                                    | TOTAL \$                                    | \$249,000                   | \$500,000            | \$500,000            | \$0                  | \$4,900,000          | \$2,500,000          | \$0                  | \$0                  | \$7,900,000  |                                           |
| 65                                 | TRANS-870  | SE 1st St. - SE 177th Ave. to SE 192nd Ave.                         | Arterial Improvements              | EXST \$                                     |                             | \$0                  | \$4,000,000          |                      |                      |                      |                      |                      | \$4,000,000  | East City/Cascade                         |
|                                    |            | Design Phase - funded by developer                                  |                                    | SFS \$                                      | \$200,000                   |                      |                      |                      |                      |                      | \$0                  |                      |              |                                           |
|                                    |            | Right-of-Way Phase - Funded by developer                            |                                    | GRANT \$                                    | \$0                         | \$7,000,000          | \$1,000,000          |                      |                      | \$8,000,000          |                      |                      |              |                                           |
|                                    |            | Construction Phase - Unfunded - Not started                         |                                    | TOTAL \$                                    | \$56,000                    | \$200,000            | \$11,000,000         | \$1,000,000          | \$0                  | \$0                  | \$0                  | \$0                  | \$12,000,000 |                                           |
| 57                                 | TRANS-898  | NE 115th Ave. - NE 16th St. to NE 18th St.                          | Arterial Improvements              | EXST \$                                     | Developer \$                | \$200,000            | \$50,000             |                      |                      |                      |                      |                      | \$50,000     | East City/Cascade                         |
|                                    |            | Design Phase - not funded                                           |                                    | SFS \$                                      | \$0                         |                      |                      |                      |                      |                      | \$0                  |                      |              |                                           |
|                                    |            | Right-of-Way Phase - Funded by developer                            |                                    | GRANT \$                                    | \$0                         |                      |                      |                      |                      |                      | \$0                  |                      |              |                                           |
|                                    |            | Construction Phase - Unfunded - Not started                         |                                    | TOTAL \$                                    | \$26,000                    | \$200,000            | \$50,000             | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$50,000     |                                           |
|                                    |            |                                                                     | Signal and Lighting Improvements   |                                             |                             |                      |                      |                      |                      |                      |                      |                      | \$0          |                                           |
| 35                                 | TRANS-851  | NE 192nd Avenue & NE 13th Street Intersection Improvements          | Signal and Lighting Improvements   | EXST \$                                     | Developer \$                | \$25,000             | \$35,000             |                      |                      |                      |                      |                      | \$35,000     | East City/Cascade                         |
|                                    |            | Design Phase - Partially Funded                                     |                                    | SFS \$                                      | \$0                         |                      |                      |                      |                      | \$0                  |                      |                      |              |                                           |
|                                    |            | Right-of-Way Phase - Unfunded                                       |                                    | GRANT \$                                    | \$0                         |                      |                      |                      |                      | \$0                  |                      |                      |              |                                           |
|                                    |            | Construction Phase - Uunfunded                                      |                                    | TOTAL \$                                    | \$15,000                    | \$25,000             | \$35,000             | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$35,000     |                                           |
| 53                                 | TRANS-879  | Columbia House Blvd. and Grove St. Signal Upgrade                   | Signal and Lighting Improvements   | EXST \$                                     | Developer \$                | \$0                  | \$25,000             |                      |                      |                      |                      |                      | \$25,000     | East City/Cascade                         |
|                                    |            | Design Phase - Partially Funded                                     |                                    | SFS \$                                      | \$0                         |                      |                      |                      |                      | \$0                  |                      |                      |              |                                           |
|                                    |            | Right-of-Way Phase - Unfunded                                       |                                    | GRANT \$                                    | \$0                         |                      |                      |                      |                      | \$0                  |                      |                      |              |                                           |
|                                    |            | Construction Phase - Uunfunded                                      |                                    | TOTAL \$                                    | \$24,000                    | \$0                  | \$25,000             | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$25,000     |                                           |
| 52                                 | TRANS-888  | NE 192nd Ave. at SR 14 Interchange - Traffic Improvements           | Signal and Lighting Improvements   | EXST \$                                     | Developer \$                | \$0                  | \$25,000             |                      |                      |                      |                      |                      | \$25,000     | East City/Cascade                         |
|                                    |            | Design Phase - Partially Funded                                     |                                    | SFS \$                                      | \$0                         |                      |                      |                      |                      | \$0                  |                      |                      |              |                                           |
|                                    |            | Right-of-Way Phase - Unfunded                                       |                                    | GRANT \$                                    | \$0                         |                      |                      |                      |                      | \$0                  |                      |                      |              |                                           |
|                                    |            | Construction Phase - Unfunded                                       |                                    | TOTAL \$                                    | \$0                         | \$0                  | \$25,000             | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$25,000     |                                           |
|                                    |            |                                                                     | Active Transportation Improvements |                                             |                             |                      |                      |                      |                      |                      |                      |                      | \$0          |                                           |
| 51                                 | TRANS-740  | Evergreen Hwy. Pathway - SE Chelsea Ave. to SE Image Rd.            | Active Transportation Improvements | EXST \$                                     |                             | \$100,000            |                      |                      |                      |                      |                      |                      | \$0          | East City/Cascade                         |
|                                    |            | Design Phase - Fully funded by citizen group - Started              |                                    | SFS \$                                      | \$0                         | \$500,000            |                      |                      |                      | \$500,000            |                      |                      |              |                                           |
|                                    |            | Right-of-Way Phase - Partially Funded                               |                                    | GRANT \$                                    | \$0                         | \$500,000            |                      |                      |                      | \$500,000            |                      |                      |              |                                           |
|                                    |            | Construction Phase - Partially Funded                               |                                    | TOTAL \$                                    | \$473,000                   | \$100,000            | \$1,000,000          | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$1,000,000  |                                           |
| 50                                 | TRANS-843  | Evergreen Hwy. Pathway - Weber Arboretum to SE 100th Court          | Active Transportation Improvements | EXST \$                                     |                             | \$100,000            | \$25,000             |                      |                      |                      |                      |                      | \$25,000     | East City/Cascade                         |
|                                    |            | Design Phase - Funded - Started                                     |                                    | SFS \$                                      | \$0                         |                      |                      |                      |                      | \$0                  |                      |                      |              |                                           |
|                                    |            | Right-of-Way Phase - Funded -Started                                |                                    | GRANT \$                                    | \$0                         |                      |                      |                      |                      | \$0                  |                      |                      |              |                                           |
|                                    |            | Construction Phase - Unfunded - Not started                         |                                    | TOTAL \$                                    | \$1,478,000                 | \$100,000            | \$25,000             | \$0                  | \$0                  | \$0                  | \$0                  | \$0                  | \$25,000     |                                           |
|                                    | TRANS-873  | Main St. Safety Improvement Project - N. 39th St to Hazel Dell Ave. | Active Transportation Improvements | EXST \$                                     |                             |                      | \$750,000            |                      |                      |                      |                      |                      | \$750,000    | Vancouver/Columbia                        |
|                                    |            | Right-of-Way Phase - Funded -Started                                |                                    | SFS \$                                      |                             |                      |                      |                      |                      |                      | \$0                  |                      |              |                                           |
|                                    |            |                                                                     |                                    | GRANT \$                                    |                             |                      |                      |                      |                      |                      | \$0                  |                      |              |                                           |
|                                    |            |                                                                     |                                    | Construction Phase - Unfunded - Not started | TOTAL \$                    | \$0                  | \$0                  | \$750,000            | \$0                  | \$0                  | \$0                  | \$0                  | \$0          |                                           |



SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM  
(2023-2028)

Note: All costs are in 2022 dollars. 2022 shown for reference only (6-year plan is for 2023-2028).

PARTIALLY FUNDED PROJECTS/PROGRAMS

|                                    |            |                                                                                                                                   |              |              |                             | 2022                    | 2023                    | 2024                    | 2025                    | 2026                    | 2027                    | 2028                    |              |                  |
|------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------|------------------|
| S<br>C<br>O<br>R<br>E              | Project ID | Project Name                                                                                                                      | Project Type | Funding Type | Spent to Date<br>(Feb-2022) | Planned<br>Expenditures | Planned<br>Expenditures | Planned<br>Expenditures | Planned<br>Expenditures | Planned<br>Expenditures | Planned<br>Expenditures | Planned<br>Expenditures | 6-Year Total | TIF Area old/new |
| PARTIALLY FUNDED PROJECTS/PROGRAMS |            |                                                                                                                                   |              |              |                             |                         |                         |                         |                         |                         |                         |                         |              |                  |
|                                    |            |                                                                                                                                   | Ongoing      |              |                             |                         |                         |                         |                         |                         |                         |                         | \$0          |                  |
|                                    | TRANS-421  | Pavement Reconstruction Program                                                                                                   | Ongoing      | EXST \$      |                             | \$0                     |                         |                         |                         |                         |                         |                         | \$0          | City-wide        |
|                                    |            |                                                                                                                                   |              | SFS \$       |                             | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$6,000,000  |                  |
|                                    |            |                                                                                                                                   |              | GRANT \$     |                             | \$0                     |                         |                         |                         |                         |                         |                         | \$0          |                  |
|                                    |            |                                                                                                                                   |              | TOTAL \$     | ongoing                     | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$6,000,000  |                  |
|                                    | TRANS-844  | Multimodal Safety and Accessibility<br>Sub projects will focus on targeted safety improvements,<br>see project sheet for details. | Ongoing      | EXST \$      |                             | \$0                     |                         |                         |                         |                         |                         |                         | \$0          | City-wide        |
|                                    |            |                                                                                                                                   |              | SFS \$       |                             | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$6,000,000  |                  |
|                                    |            |                                                                                                                                   |              | GRANT \$     |                             | \$0                     |                         |                         |                         |                         |                         |                         | \$0          |                  |
|                                    |            |                                                                                                                                   |              | TOTAL \$     | ongoing                     | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$1,000,000             | \$6,000,000  |                  |
|                                    | TRANS-859  | Sidewalk Management Program                                                                                                       | Ongoing      | EXST \$      |                             | \$500,000               | \$500,000               | \$500,000               | \$500,000               | \$500,000               | \$500,000               | \$500,000               | \$3,000,000  | City-wide        |
|                                    |            |                                                                                                                                   |              | SFS \$       |                             | \$0                     |                         |                         |                         |                         |                         |                         | \$0          |                  |
|                                    |            |                                                                                                                                   |              | GRANT \$     |                             | \$0                     |                         |                         |                         |                         |                         |                         | \$0          |                  |
|                                    |            |                                                                                                                                   |              | TOTAL \$     | ongoing                     | \$500,000               | \$500,000               | \$500,000               | \$500,000               | \$500,000               | \$500,000               | \$500,000               | \$3,000,000  |                  |
|                                    |            |                                                                                                                                   |              |              |                             |                         |                         |                         |                         |                         |                         |                         |              | 6-year Totals    |
|                                    |            |                                                                                                                                   |              | EXST \$      | Annually =                  | \$925,000               | \$5,410,000             | \$500,000               | \$500,000               | \$500,000               | \$500,000               | \$500,000               | EXST \$      | \$7,910,000      |
|                                    |            |                                                                                                                                   |              | SFS \$       | Annually =                  | \$3,850,000             | \$6,850,000             | \$7,750,000             | \$3,000,000             | \$12,000,000            | \$2,500,000             | \$7,000,000             | SFS \$       | \$39,100,000     |
|                                    |            |                                                                                                                                   |              | GRANT \$     | Annually =                  | \$1,385,000             | \$14,750,000            | \$1,000,000             | \$3,900,000             | \$6,300,000             | \$1,000,000             | \$4,000,000             | GRANT \$     | \$30,950,000     |
|                                    |            |                                                                                                                                   |              | TOTAL \$     | Annually =                  | \$6,160,000             | \$27,010,000            | \$9,250,000             | \$7,400,000             | \$18,800,000            | \$4,000,000             | \$11,500,000            | TOTAL \$     | \$77,960,000     |
|                                    |            |                                                                                                                                   |              |              |                             |                         |                         |                         |                         |                         |                         |                         |              |                  |

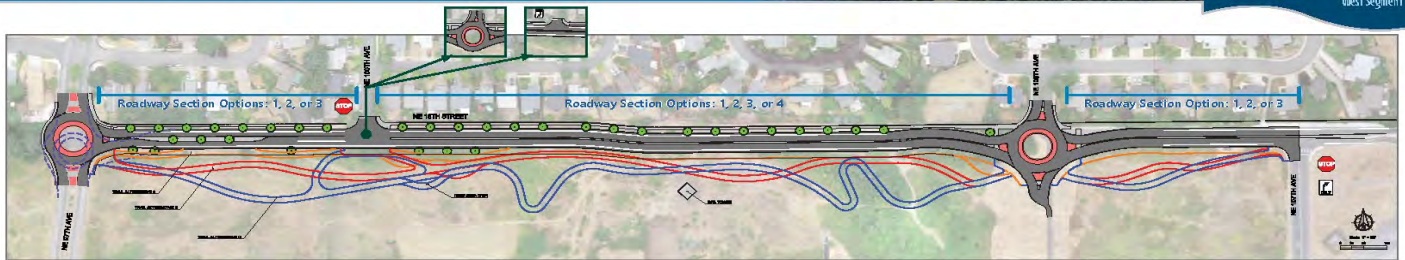
| RANK                       |            |                                                                         |                                  |       |                             |  |            |  |  |  | 2023                   |                                             | 2028    |  |  |
|----------------------------|------------|-------------------------------------------------------------------------|----------------------------------|-------|-----------------------------|--|------------|--|--|--|------------------------|---------------------------------------------|---------|--|--|
|                            | Project ID | Project Name                                                            | Project Type                     | Phase | Spent to Date - (Feb, 2022) |  |            |  |  |  | Scoping Level Estimate | TIF Area                                    | old/new |  |  |
| UNFUNDED PROJECTS/PROGRAMS |            |                                                                         |                                  |       |                             |  |            |  |  |  |                        |                                             |         |  |  |
|                            |            |                                                                         |                                  | Total |                             |  | No Funding |  |  |  |                        |                                             |         |  |  |
|                            | TRANS-274  | NE 28th St. - NE 142nd Ave. to NE 162nd Ave.                            | Arterial Improvements            | Total | \$0                         |  | No Funding |  |  |  | \$10-12 mill           | Evergreen/Pacific                           |         |  |  |
|                            | TRANS-279  | NE 49th St. - NE 122nd Ave. to NE 137th Ave.                            | Arterial Improvements            | Total | \$0                         |  | No Funding |  |  |  | \$9-11 mill            | Evergreen/Pacific                           |         |  |  |
|                            | TRANS-281  | NE 18th St. - NE 87th Ave. to NE 97th Ave.                              | Arterial Improvements            | Total | \$0                         |  | No Funding |  |  |  | \$14-16 mill           | Evergreen & East City/<br>Pacific & Cascade |         |  |  |
|                            | TRANS-349  | NE 18th St. - NE 164th Ave. to NE 192nd Ave.                            | Arterial Improvements            | Total | \$0                         |  | No Funding |  |  |  | \$18-20 mill           | Evergreen & East City/<br>Pacific & Cascade |         |  |  |
|                            | TRANS-583  | NE 87th Ave./ Lieser Rd. Realignment                                    | Arterial Improvements            | Total | \$0                         |  | No Funding |  |  |  | \$5-6 mill             | Vancouver/Cascade                           |         |  |  |
|                            | TRANS-607  | NE 192nd Ave. - SE 1st St. to NE 18th St.                               | Arterial Improvements            | Total | \$0                         |  | No Funding |  |  |  | \$20 mill              | East City/Cascade                           |         |  |  |
|                            | TRANS-680  | Columbia Shores Blvd. at Columbia Way - BNSF Undercrossing Widening     | Arterial Improvements            | Total | \$0                         |  | No Funding |  |  |  | \$25-30 mill           | Vancouver/Columbia                          |         |  |  |
|                            | TRANS-712  | NE 59th St. - NE 147th Ave. to NE 162nd Ave.                            | Arterial Improvements            | Total | \$0                         |  | No Funding |  |  |  | \$7-9 mill             | Evergreen/Pacific                           |         |  |  |
|                            | TRANS-716  | NE 9th St. - NE 172nd Ave. to NE 192nd Ave.                             | Arterial Improvements            | Total | \$0                         |  | No Funding |  |  |  | \$10-12 mill           | East City/Cascade                           |         |  |  |
|                            | TRANS-717  | NE 182nd Ave. - SE 1st St. to NE 18th St.                               | Arterial Improvements            | Total | \$0                         |  | No Funding |  |  |  | \$12-14 mill           | East City/Cascade                           |         |  |  |
|                            | TRANS-718  | NE 162nd Ave. - SE 1st St. to NE 9th St.                                | Arterial Improvements            | Total | \$0                         |  | No Funding |  |  |  | \$11-13 mill           | East City/Cascade                           |         |  |  |
|                            | TRANS-719  | NE 112th Ave. - E. Mill Plain Blvd. to NE 28th St.                      | Arterial Improvements            | Total | \$0                         |  | No Funding |  |  |  | \$2-3 mill             | East City/Cascade                           |         |  |  |
|                            | TRANS-825  | NE 54th Street - NE 15th Ave. to NE Saint James Rd.                     | Arterial Improvements            | Total | \$0                         |  | No Funding |  |  |  | \$14 mill              | Vancouver/Columbia                          |         |  |  |
|                            | TRANS-826  | NE 104th Avenue - SE Mill Plain Blvd. to NE 14th Street                 | Arterial Improvements            | Total | \$0                         |  | No Funding |  |  |  | \$10-12 mill           | East City/Cascade                           |         |  |  |
|                            | TRANS-827  | NE 104th Avenue - NE 14th Street to NE 18th Street                      | Arterial Improvements            | Total | \$0                         |  | No Funding |  |  |  | \$10-12 mill           | East City/Cascade                           |         |  |  |
|                            | TRANS-847  | SE 164th Avenue and SE Mill Plain Blvd. Intersection Improvements       | Arterial Improvements            | Total | \$0                         |  | No Funding |  |  |  | \$5 mill               | East City/Cascade                           |         |  |  |
|                            | TRANS-883  | NW 32nd Ave./Lower River Rd. Roundabout                                 | Arterial Improvements            | PSE   | \$0                         |  |            |  |  |  | \$2 mill               | Vancouver/Columbia                          |         |  |  |
|                            | TRANS-884  | NW 32nd Avenue - Lower River Rd. to NW 61st St.                         | Arterial Improvements            | PSE   | \$0                         |  |            |  |  |  | \$64 mill              | Vancouver/Columbia                          |         |  |  |
|                            | TRANS-885  | NW 32nd Ave./Fruit Valley Rd.                                           | Arterial Improvements            | PSE   | \$0                         |  |            |  |  |  | \$49 mill              | Vancouver/Columbia                          |         |  |  |
|                            | TRANS-886  | Fruit Valley Rd. - Burnt Bridge Creek to NW 78th St.                    | Arterial Improvements            | PSE   | \$0                         |  |            |  |  |  | \$10 mill              | Vancouver/Columbia                          |         |  |  |
|                            | TRANS-887  | NW 78 <sup>th</sup> Street/Fruit Valley Rd./NW Lakeshore Ave Roundabout | Arterial Improvements            | PSE   | \$0                         |  |            |  |  |  | \$2 mill               | Vancouver/Columbia                          |         |  |  |
|                            | TRANS-891  | E. Mill Plain - Boise Ave. to N. Andresen Rd.                           | Arterial Improvements            | PSE   | \$0                         |  |            |  |  |  | \$10 mill              | Vancouver/Columbia/Cascade                  |         |  |  |
|                            | TRANS-892  | MacArthur Boulevard - E. Mill Plain Blvd. to N. Andresen Rd.            | Arterial Improvements            | PSE   | \$0                         |  |            |  |  |  | \$15 mill              | Vancouver/Columbia/Cascade                  |         |  |  |
|                            | TRANS-893  | N. Devine Rd. - E. Mill Plain Blvd. to MacArthur Blvd.                  | Arterial Improvements            | PSE   | \$0                         |  |            |  |  |  | \$4 mill               | Vancouver/Columbia/Cascade                  |         |  |  |
|                            | TRANS-894  | N Andresen Rd. - E. Mill Plain Blvd. to Highland Dr.                    | Arterial Improvements            | PSE   | \$0                         |  |            |  |  |  | \$10 mill              | Vancouver/Columbia/Cascade                  |         |  |  |
| new                        | TRANS-907  | NE 124th Ave. - NE 28th St to NE 39th St.                               | Arterial Improvements            | PSE   | \$0                         |  |            |  |  |  | \$10 mill              | East City/Cascade                           |         |  |  |
|                            |            |                                                                         |                                  | Total | \$0                         |  | No Funding |  |  |  |                        |                                             |         |  |  |
|                            |            |                                                                         | Signal and Lighting Improvements |       |                             |  |            |  |  |  |                        |                                             |         |  |  |
|                            | TRANS-363  | SE 136th Ave. at SE 7th St.                                             | Signal and Lighting Improvements | PSE   | \$0                         |  |            |  |  |  | \$0.2-0.5 mill         | East City/Cascade                           |         |  |  |
|                            |            |                                                                         |                                  | Total | \$0                         |  | No Funding |  |  |  |                        |                                             |         |  |  |
|                            | TRANS-603  | MacArthur Blvd., S. Lieser Rd. and St. Helens Ave. Intersection         | Signal and Lighting Improvements | PSE   | \$0                         |  |            |  |  |  | \$3.5 mill             | Vancouver/Columbia                          |         |  |  |
|                            |            |                                                                         |                                  | Total | \$0                         |  | No Funding |  |  |  |                        |                                             |         |  |  |
|                            | TRANS-722  | St Johns Blvd. and NE 68th St.                                          | Signal and Lighting Improvements | PSE   | \$0                         |  |            |  |  |  | \$0.5-1 mill           | Vancouver/Columbia                          |         |  |  |
|                            |            |                                                                         |                                  | Total | \$0                         |  | No Funding |  |  |  |                        |                                             |         |  |  |
|                            | TRANS-723  | SE 20th St. and SE 176th Ave.                                           | Signal and Lighting Improvements | PSE   | \$0                         |  |            |  |  |  | \$0.5-1 mill           | East City/Cascade                           |         |  |  |
|                            |            |                                                                         |                                  | Total | \$0                         |  | No Funding |  |  |  |                        |                                             |         |  |  |
|                            | TRANS-746  | SE McGillivray Blvd. and SE 166th Ave.                                  | Signal and Lighting Improvements | PSE   | \$0                         |  |            |  |  |  | \$1M                   | East City/Cascade                           |         |  |  |
|                            |            |                                                                         |                                  | Total | \$0                         |  | No Funding |  |  |  |                        |                                             |         |  |  |
|                            | TRANS-818  | NE Burton/28th Street - NE Andresen Rd. to NE 138th Ave.                | Signal and Lighting Improvements | PSE   | \$0                         |  |            |  |  |  | \$1-2 mill             | Evergreen/Pacific                           |         |  |  |
|                            |            |                                                                         |                                  | Total | \$0                         |  | No Funding |  |  |  |                        |                                             |         |  |  |
|                            | TRANS-819  | NW Fruit Valley Rd. at La Frambois Rd.                                  | Signal and Lighting Improvements | PSE   | \$0                         |  |            |  |  |  | \$0.5-1 mill           | Vancouver/Columbia                          |         |  |  |
|                            |            |                                                                         |                                  | Total | \$0                         |  | No Funding |  |  |  |                        |                                             |         |  |  |
|                            | TRANS-839  | NE 152nd Ave. and NE Fourth Plain Blvd. Signal                          | Signal and Lighting Improvements | PSE   | \$0                         |  |            |  |  |  | \$0.5-1 mill           | Evergreen/Pacific                           |         |  |  |
|                            |            |                                                                         |                                  | Total | \$0                         |  | No Funding |  |  |  |                        |                                             |         |  |  |
|                            | TRANS-848  | SE 164th Avenue and SE 12th Street Intersection Improvements            | Signal and Lighting Improvements | PSE   | \$0                         |  |            |  |  |  | \$0.5-1 mill           | East City/Cascade                           |         |  |  |
|                            |            |                                                                         |                                  | Total | \$0                         |  | No Funding |  |  |  |                        |                                             |         |  |  |
|                            | TRANS-856  | NE 18th Street and NE 172nd Avenue Intersection Improvements            | Signal and Lighting Improvements | PSE   | \$0                         |  |            |  |  |  | \$0.3-0.5 mill         | East City/Cascade                           |         |  |  |
|                            |            |                                                                         |                                  | Total | \$0                         |  | No Funding |  |  |  |                        |                                             |         |  |  |
|                            | TRANS-867  | NE 162nd Avenue and NE 34th Street Signal                               | Signal and Lighting Improvements | PSE   | \$0                         |  |            |  |  |  | \$0.3-0.5 mill         | Citywide                                    |         |  |  |
|                            |            |                                                                         |                                  | Total | \$0                         |  | No Funding |  |  |  |                        |                                             |         |  |  |
|                            | TRANS-868  | St. Johns Blvd. and Fort Vancouver Way Intersection Improvements        | Signal and Lighting              | PSE   | \$0                         |  |            |  |  |  | \$0.3-0.5 mill         | Citywide                                    |         |  |  |

| R<br>A<br>N<br>K           | Project ID | Project Name                                                               | Project Type                     | Phase | Spent to Date -<br>(Feb, 2022) | 2023           | ↔ | 2028 | Scoping<br>Level<br>Estimate | TIF Area    old/new        |  |
|----------------------------|------------|----------------------------------------------------------------------------|----------------------------------|-------|--------------------------------|----------------|---|------|------------------------------|----------------------------|--|
|                            |            |                                                                            |                                  |       |                                |                |   |      |                              |                            |  |
| UNFUNDED PROJECTS/PROGRAMS |            |                                                                            |                                  |       |                                |                |   |      |                              |                            |  |
|                            |            |                                                                            | Improvements                     | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
|                            | TRANS-880  | McGillivray and Village Loop Drive Intersection Improvements               | Signal and Lighting Improvements | PSE   | \$0                            |                |   |      | \$0.3-0.5 mill               | East City/Cascade          |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
|                            | TRANS-895  | MacArthur Blvd. at N. Devine Rd. Roundabout                                | Signal and Lighting Improvements | PSE   | \$0                            |                |   |      | \$1 - 1.5 mil                | Vancouver/Columbia/Cascade |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
|                            | TRANS-896  | MacArthur Blvd. at N. Andresen Rd. Roundabout                              | Signal and Lighting Improvements | PSE   | \$0                            |                |   |      | \$1 - 1.5 mil                | Vancouver/Columbia/Cascade |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
|                            |            |                                                                            | Active Transportation            |       |                                |                |   |      |                              |                            |  |
|                            | TRANS-258  | NE Fourth Plain Safety Improvements - Ft. Vancouver Way to NE Andresen Rd. | Active Transportation            | PSE   | \$0                            |                |   |      | \$2 mill                     | Vancouver/Columbia/Cascade |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
|                            | TRANS-741  | Evergreen Hwy. Pathway - Columbia Springs to SE 164th Ave.                 | Active Transportation            | PSE   | \$0                            |                |   |      | \$7 mill                     | East City/Cascade          |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
|                            | TRANS-742  | Evergreen Hwy. Pathway - SE 164th Ave. to east City Limits                 | Active Transportation            | PSE   | \$0                            |                |   |      | \$7 mill                     | East City/Cascade          |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
|                            | TRANS-857  | SE 10th Street Sidewalks - SE 98th Avenue to SE Ellsworth Road             | Active Transportation            | PSE   | \$0                            |                |   |      | \$1-2 mill                   | Evergreen/Pacific          |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
|                            | TRANS-858  | Citywide Transportation Demand Management Program                          | Active Transportation            | PSE   | \$0                            |                |   |      | \$5 mill                     | Vancouver/Columbia         |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
|                            | TRANS-861  | Westside Bike Mobility - TRANS-904 implements portions of this project     | Active Transportation            | PSE   | \$0                            |                |   |      | \$7.5 mill                   | Vancouver/Columbia         |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
|                            | TRANS-882  | MacArthur Blvd. and E. Mill Plain Blvd. Multimodal Improvements            | Active Transportation            | PSE   | \$0                            |                |   |      | \$5 mill                     | East City/Cascade          |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
|                            | TRANS-890  | NE Fourth Plain Blvd. and Grand Blvd. - Pedestrian Improvement SW Corner   | Active Transportation            | PSE   | \$0                            |                |   |      | \$7 mill                     | Vancouver/Columbia         |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
|                            | TRANS-903  | NE 9th St. Infill Sidewalk - NE 112th Ave. to NE 136th Ave.                | Active Transportation            | PSE   | \$0                            |                |   |      | \$5 mill                     | East City/Cascade          |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
|                            | TRANS-905  | Amtrak Multimodal Access                                                   | Active Transportation            | PSE   | \$0                            |                |   |      | \$10 mill                    | Vancouver/Columbia         |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
| new                        | TRANS-910  | NE Hazel Dell Ave./BBC Trail Crossing                                      | Active Transportation            | PSE   | \$0                            |                |   |      | \$1 mill                     | Vancouver/Columbia         |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
| new                        | TRANS-911  | NE Padden Expressway and NE Andresen Rd. Intersection Improvements         | Active Transportation            | PSE   | \$0                            |                |   |      | \$10 mill                    | East City/Cascade          |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
| new                        | TRANS-912  | SE 34th St. and SE 192nd Ave Intersection Improvements                     | Active Transportation            | PSE   | \$0                            |                |   |      | \$10 mill                    | East City/Cascade          |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
| new                        | TRANS-913  | MacArthur Blvd. and S. Blandford Dr. Pedestrian Crossing                   | Active Transportation            | PSE   | \$0                            |                |   |      | \$1 mill                     | Vancouver/Columbia         |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
| new                        | TRANS-915  | Fruit Valley Rd. and Firestone Lane Pedestrian Crossing                    | Active Transportation            | PSE   | \$0                            |                |   |      | \$1 mill                     | Vancouver/Columbia         |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
| new                        | TRANS-916  | W. 16th St. and NW Packing Pedestrian Crossing                             | Active Transportation            | PSE   | \$0                            |                |   |      | \$1 mill                     | Vancouver/Columbia         |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
|                            |            |                                                                            | Other                            |       |                                |                |   |      |                              |                            |  |
|                            | TRANS-836  | E. Evergreen Blvd. Bridge over S. Blandford Dr.                            | Safety                           | PSE   | \$0                            |                |   |      | \$15-20 mill                 | Vancouver/Columbia         |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |
|                            | TRANS-838  | Evergreen Highway Pavement Project                                         | Reconstruction                   | PSE   | \$0                            |                |   |      | \$40-50 mill                 | East City/Cascade          |  |
|                            |            |                                                                            |                                  | Total | \$0                            | ← No Funding → |   |      |                              |                            |  |

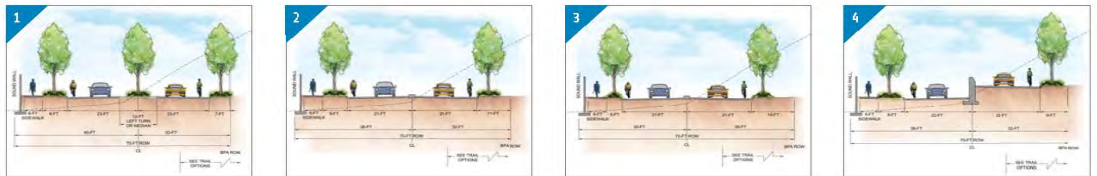


## Roundabout Intersections Concept

Improving NE 18th Street  
West Segment

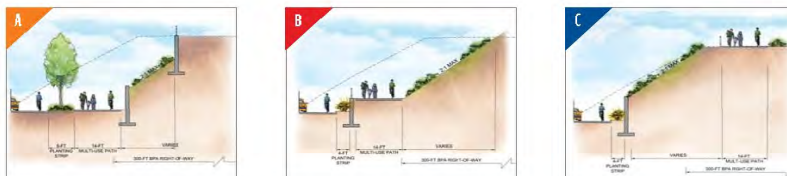


### Roadway Section Options



### Multi-Use Trail Options

Colors correspond with trail layouts above.





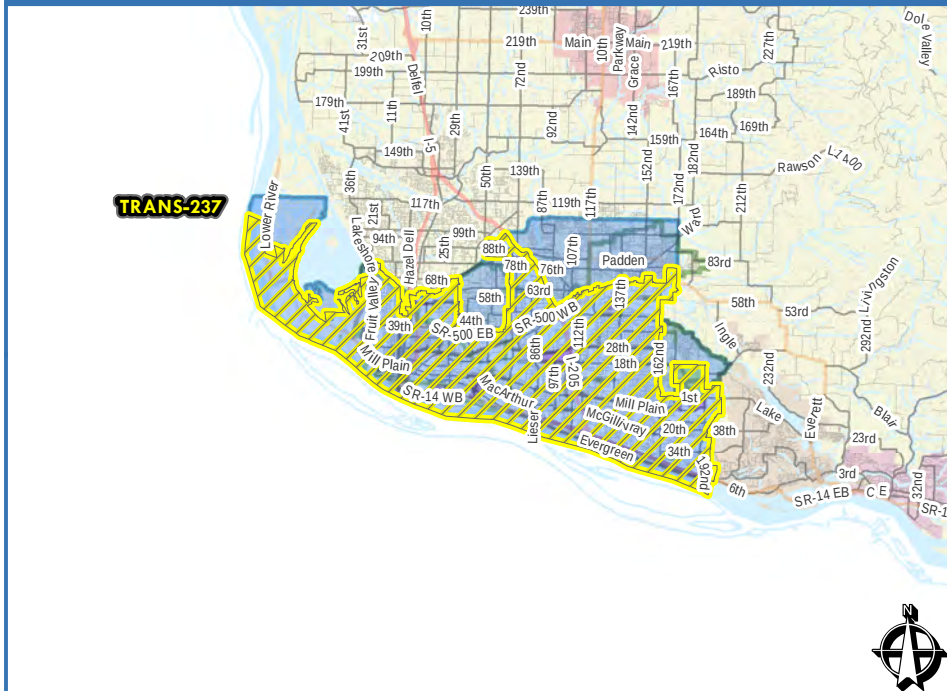
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **TRAFFIC SIGNAL AND LIGHTING SUSTAINABILITY**

PROJECT EXTENT: **CITYWIDE**

TO:

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Signal & Lighting Improvements

**Project Status:**

Ongoing

**Funding Status:**

Funded

## PROJECT DESCRIPTION

### Project Description / Comments

Ongoing updating of traffic signals at locations throughout the City. Updates may include but are not limited to adding left-turn phasing, signal heads, pedestrian push-button and detectors, as well as removing a type of operation, changing detector setup or making other improvements. Sub projects for 2022/23 include : TRANS-866 - W. Fourth Plain Blvd. and Franklin St. Intersection Improvement Project for \$300,000. SFS funds contribute \$200K/yr, with annual program budget totalling \$415,000/yr.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |         |
|---------------------------------------|---------|
| Funding Status:                       | Funded  |
| Existing Funds:                       | Yes     |
| SFS Funds:                            | Yes     |
| Grant Funds:                          | No      |
| <b>Total Proj. Cost:</b>              |         |
| <b>*Start of Construction (Year):</b> | Ongoing |





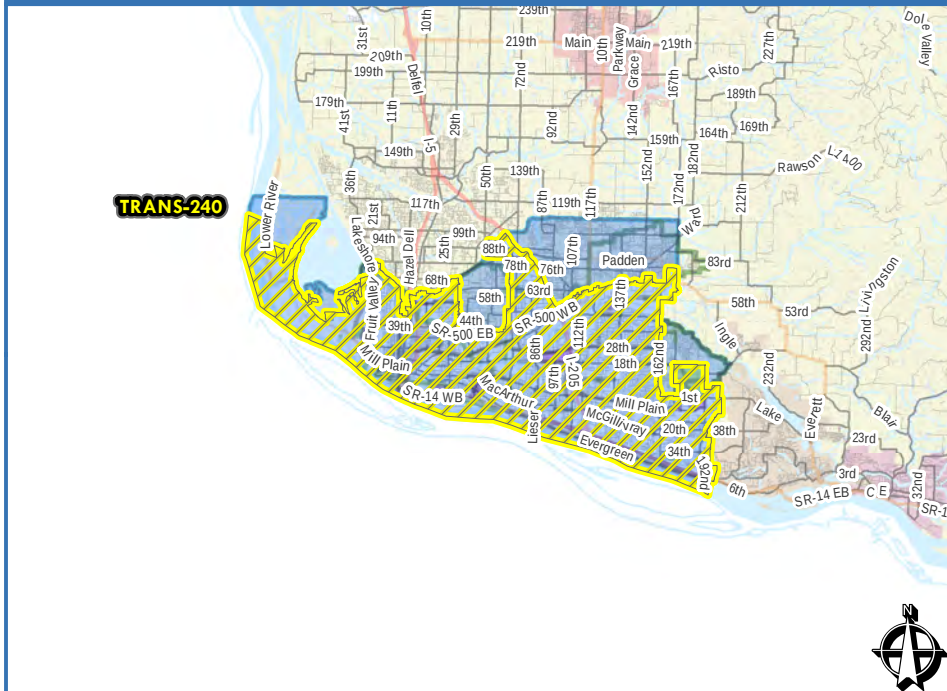
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NEIGHBORHOOD TRAFFIC CALMING PROGRAM**

PROJECT EXTENT: **CITYWIDE**

TO:

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Ongoing

**Funding Status:**

Funded

## PROJECT DESCRIPTION

### Project Description / Comments

Projects implemented as part of the ongoing Neighborhood Traffic Calming Program are intended to help slow traffic and enhance neighborhood livability. These projects may include education or infrastructure to reduce driver speeds; new or improved facilities for people walking, biking, and using mobility devices; and other strategies to increase safety and mobility in Vancouver neighborhoods. SFS funds contribute \$130K/yr, with annual program budget totalling \$300,000/yr.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |         |
|---------------------------------------|---------|
| Funding Status:                       | Funded  |
| Existing Funds:                       | Yes     |
| SFS Funds:                            | Yes     |
| Grant Funds:                          | No      |
| <b>Total Proj. Cost:</b>              |         |
| <b>*Start of Construction (Year):</b> | Ongoing |



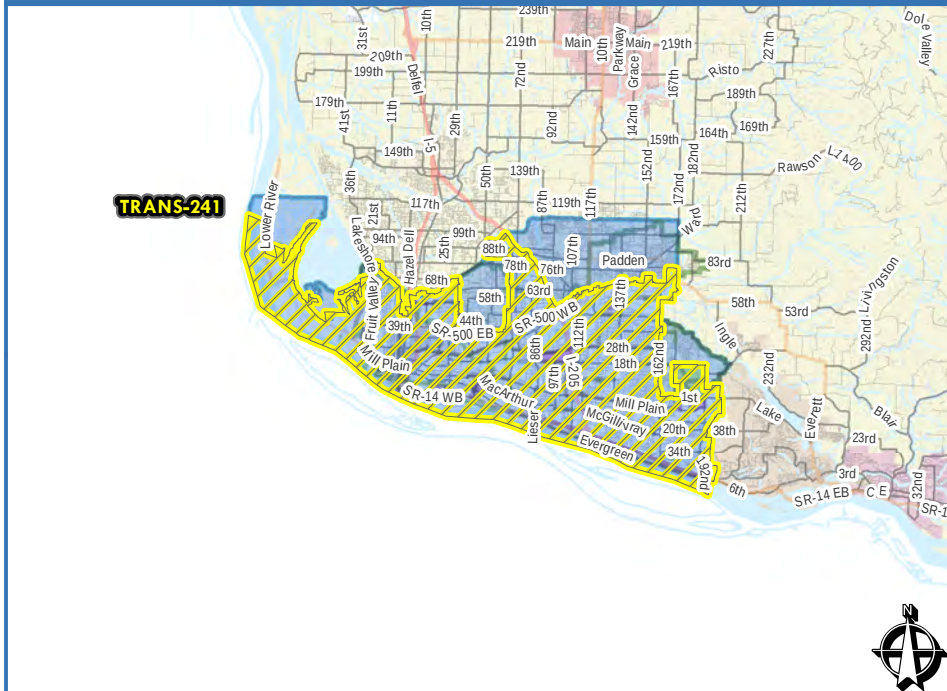
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **PAVEMENT PRESERVATION PROGRAM**

PROJECT EXTENT: **CITYWIDE**

TO:

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Ongoing

**Funding Status:**

Funded

## PROJECT DESCRIPTION

### Project Description / Comments

Ongoing program to improve and maintain pavement surfaces through surface overlay, microsurfacing and slurry treatments at multiple locations citywide. Upgrades may include new ADA ramps, traffic striping and markings. The City of Vancouver's more than 1,900 lane miles of streets are carefully inspected and evaluated to determine most cost-effective means to preserve pavement and manage resources. 2022/2023 program targets pavement preservation for over 77 lane miles, including: 22 lane miles of paving on Fourth Plain from Main St. to Ft. Vancouver Way, and Fourth Plain from Ft. Vancouver Way to Andresen. 31 lane miles of pavement preservation, and 24 lane miles of slurry seals. Other projects include St. James/St. John's Complete Streets, McGillivray Complete Street, 33rd St.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                        |
|---------------------------------------|------------------------|
| Funding Status:                       | Funded                 |
| Existing Funds:                       | Yes                    |
| SFS Funds:                            | Yes                    |
| Grant Funds:                          | No                     |
| <b>Total Proj. Cost:</b>              | <b>\$10,500,000.00</b> |
| <b>*Start of Construction (Year):</b> | Ongoing                |



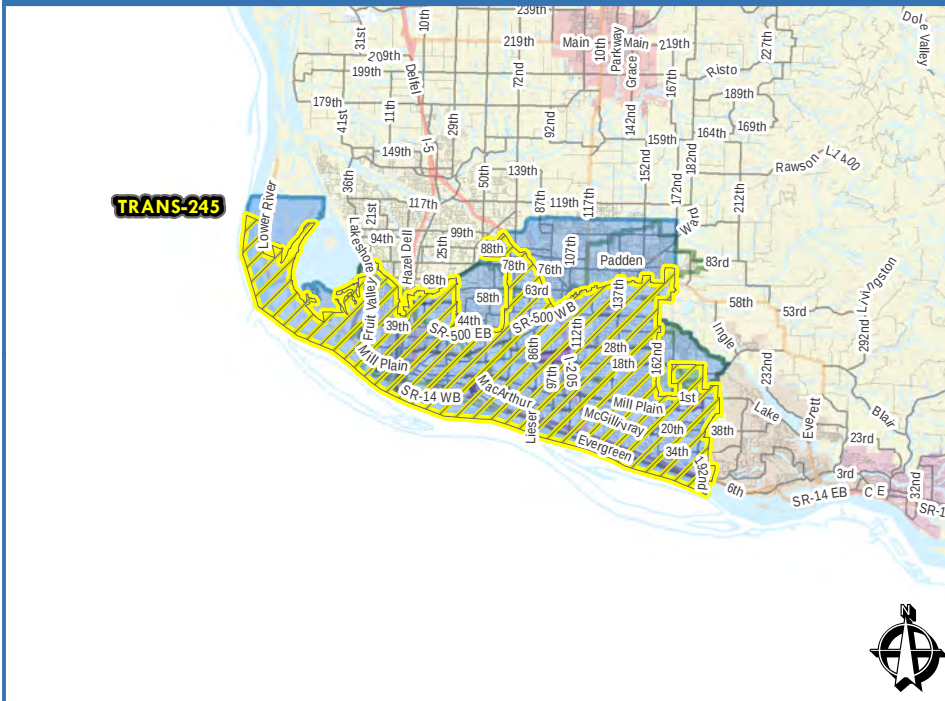
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **BRIDGE INSPECTION PROGRAM**

PROJECT EXTENT: **CITY-OWNED BRIDGES CITYWIDE**

TO:

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Ongoing

**Funding Status:**

Funded

## PROJECT DESCRIPTION

### Project Description / Comments

Ongoing citywide inspection and maintenance of the City's bridges, as required to meet state and federal regulations. This program, formerly contracted with Clark County, is being dropped by the county and now requires hiring professional services to complete federally mandated bridge inspections and load ratings. Program budgeted at \$50,000/yr for 2022-2027.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |         |
|---------------------------------------|---------|
| Funding Status:                       | Funded  |
| Existing Funds:                       | Yes     |
| SFS Funds:                            | No      |
| Grant Funds:                          | No      |
| <b>Total Proj. Cost:</b>              |         |
| <b>*Start of Construction (Year):</b> | Ongoing |





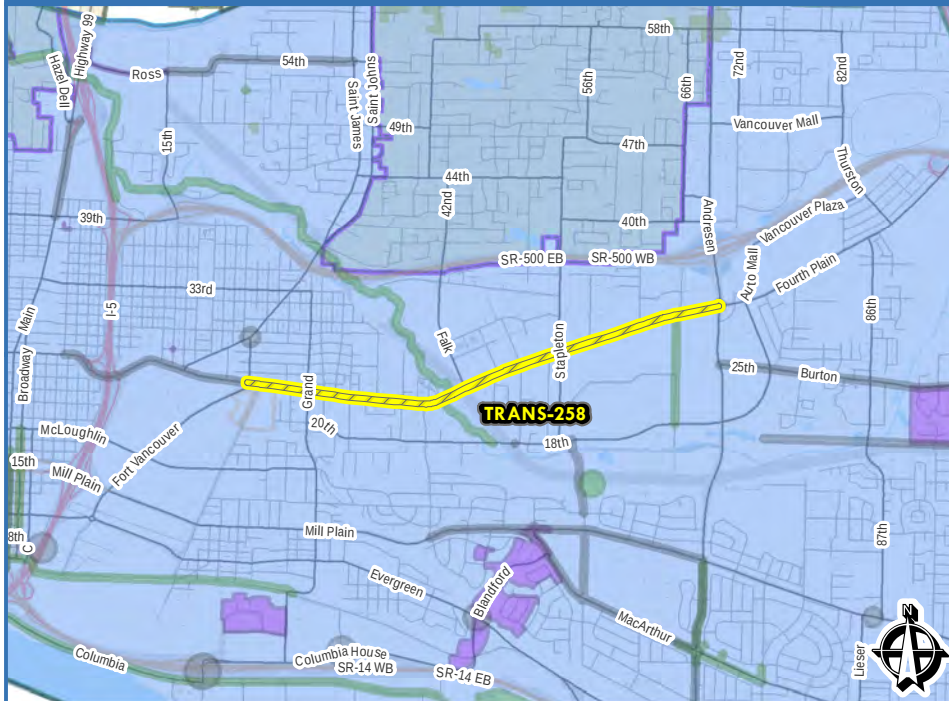
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE FOURTH PLAIN BLVD. SAFETY IMPROVEMENTS - FT. VANCOUVER WAY TO NE ANDRESEN RD**

PROJECT EXTENT: **FT. VANCOUVER WAY**

TO: **NE ANDRESEN RD.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

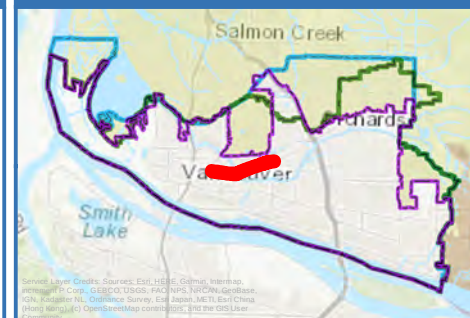
### Project Description / Comments

This project will improve safety and aesthetics by upgrading sidewalks and street lights in Fourth Plain Sub-Area Plan. Improvements identified as safety priority include wider sidewalks, upgraded street lights and street trees.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                       |
|---------------------------------------|-----------------------|
| Funding Status:                       | Unfunded              |
| Existing Funds:                       | N/A                   |
| SFS Funds:                            | N/A                   |
| Grant Funds:                          | N/A                   |
| <b>Total Proj. Cost:</b>              | <b>\$2,000,000.00</b> |
| <b>*Start of Construction (Year):</b> | Unknown               |

PROJECT EXTENT: **SE 164TH AVE.**

TO: **SE 177TH AVE.**



**Program/Discipline Type:**

|                      |                       |
|----------------------|-----------------------|
| <b>Project Type:</b> | Arterial Improvements |
|----------------------|-----------------------|

|                        |           |
|------------------------|-----------|
| <b>Project Status:</b> | In Design |
|------------------------|-----------|

|                        |        |
|------------------------|--------|
| <b>Funding Status:</b> | Funded |
|------------------------|--------|

| Project Description / Comments |                                                                                                                                                   |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                              | 1. The first row of the table contains the header information, including the project name, the project manager, and the project start date.       |
| 2                              | 2. The second row of the table contains the project description, which is a brief overview of the project's purpose and objectives.               |
| 3                              | 3. The third row of the table contains the project budget, which is the total amount of money allocated to the project.                           |
| 4                              | 4. The fourth row of the table contains the project timeline, which is the schedule of activities and milestones.                                 |
| 5                              | 5. The fifth row of the table contains the project risks, which are the potential problems or challenges that could affect the project's success. |
| 6                              | 6. The sixth row of the table contains the project status, which is the current state of the project and whether it is on track or not.           |
| 7                              | 7. The seventh row of the table contains the project contact information, including the name and phone number of the project manager.             |
| 8                              | 8. The eighth row of the table contains the project location, which is the physical address of the project site.                                  |
| 9                              | 9. The ninth row of the table contains the project end date, which is the date when the project is expected to be completed.                      |
| 10                             | 10. The tenth row of the table contains the project notes, which are any additional information or comments related to the project.               |

Urban arterial upgrade of existing 2-lane rural road, to increase safety, mobility and livability, and meet future subarea needs. New cross section to be 3 lanes wide with improvements to include sidewalks, ADA Ramps, bike facilities, stormwater, streetlights and where required, sound walls. Anticipated funding by SFS, state Transportation Improvement Board (TIB), and federal Surface Transportation Block Grants ( STBG). Design/ROW planned for 2020 and construction in 2021/22. See TRANS-870 for eastern segment (SE 1st St. - SE 177th Ave. to SE 192nd Ave.).

|                                                                                     |                              |                                                                                     |                       |                                                                                     |               |
|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |                                                                                     |               |

[illegible]

|                                       |                        |
|---------------------------------------|------------------------|
| Funding Status:                       | Funded                 |
| Existing Funds:                       | Yes                    |
| SFS Funds:                            | Yes                    |
| Grant Funds:                          | Yes                    |
| <b>Total Proj. Cost:</b>              | <b>\$14,100,000.00</b> |
| <b>*Start of Construction (Year):</b> | <b>2021</b>            |



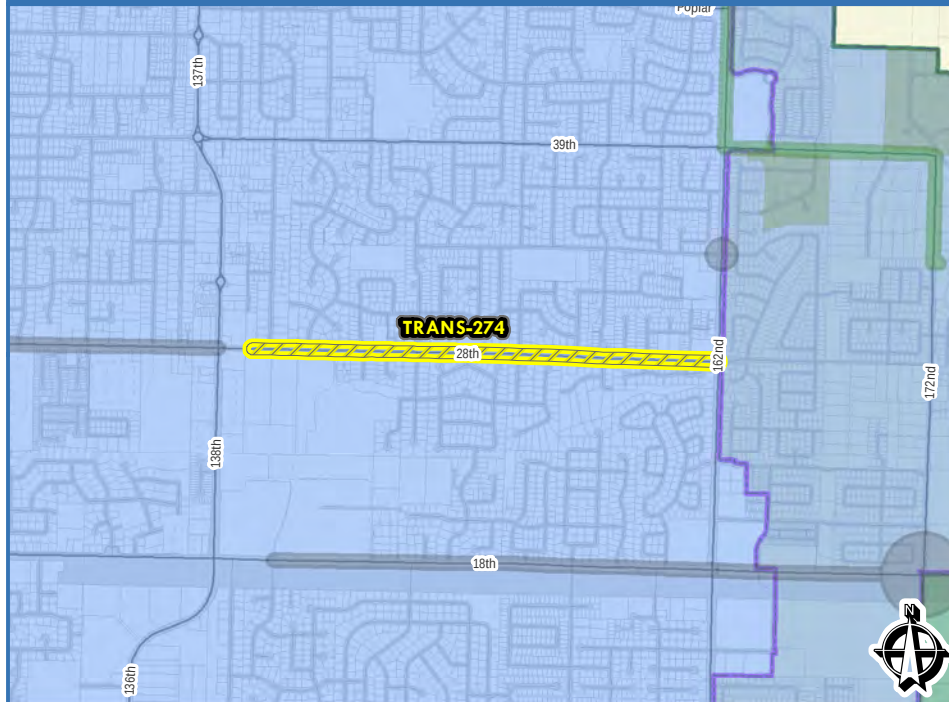
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 28TH ST. - NE 142ND AVE. TO NE 162ND AVE.**

PROJECT EXTENT: **NE 142ND AVE.**

TO: **NE 162ND AVE.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

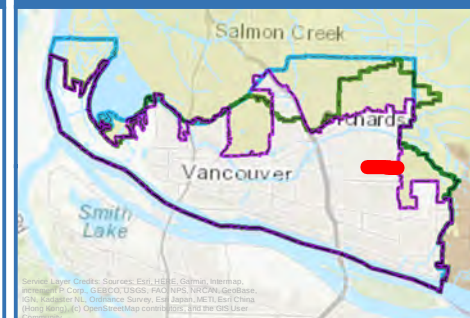
### Project Description / Comments

Upgrade of existing 2-lane former rural road to urban 3-lane minor arterial (1 lane each direction plus center turn lane) with sidewalks, bike facilities, streetlights, signals, school crossings, stormwater and sound walls where required. Project addresses capacity and improves pavement and safety conditions.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: N/A

SFS Funds: N/A

Grant Funds: N/A

**Total Proj. Cost: \$10,000,000.00**

**\*Start of Construction (Year): Unknown**





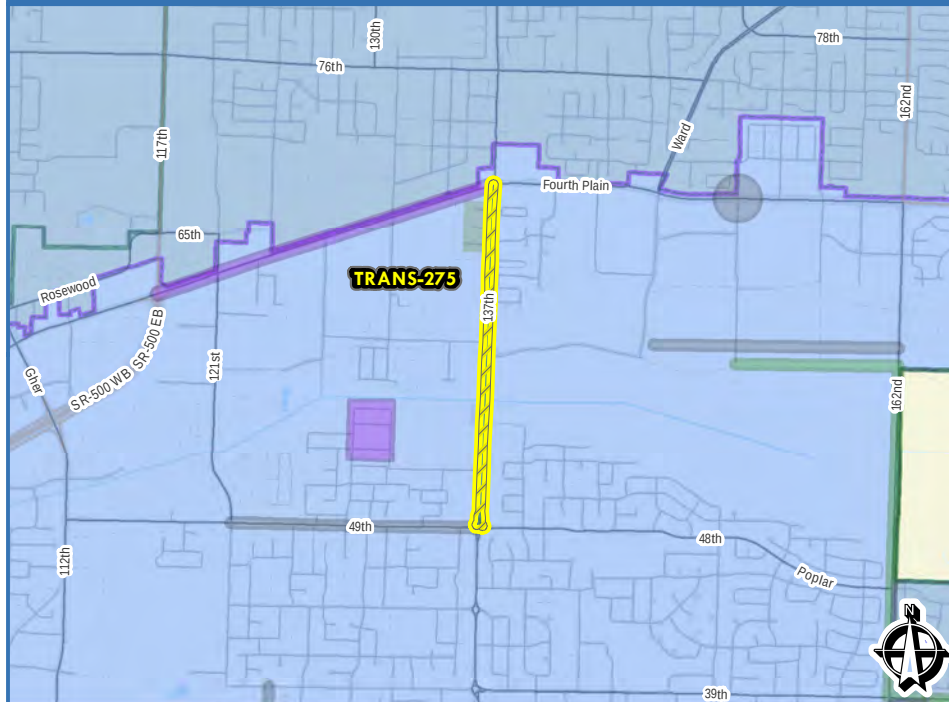
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 137TH AVE. - NE 49TH ST. TO NE FOURTH PLAIN BLVD.**

PROJECT EXTENT: **NE 49TH ST.**

TO: **NE FOURTH PLAIN BLVD.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

In Design

**Funding Status:**

Partially Funded

## PROJECT DESCRIPTION

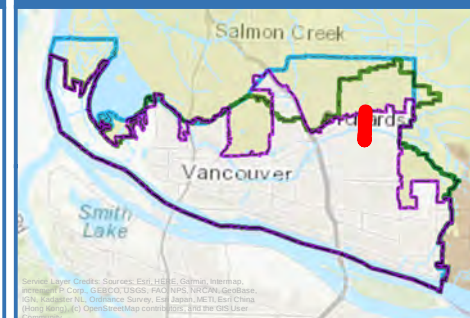
### Project Description / Comments

Urban upgrade of existing 2-lane (narrow) rural road. Corridor upgrades to include: one lane each direction with turn lane or median divider with roundabouts, sidewalks, ADA ramps, bike facilities, stormwater facilities and streetlights. Improvements will enhance safety, manage access and minimize delays now caused by turning vehicles. Design/ROW phases are continuing.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                        |
|---------------------------------------|------------------------|
| Funding Status:                       | Partially Funded       |
| Existing Funds:                       | Yes                    |
| SFS Funds:                            | Yes                    |
| Grant Funds:                          | Yes                    |
| <b>Total Proj. Cost:</b>              | <b>\$22,500,000.00</b> |
| <b>*Start of Construction (Year):</b> | <b>2023</b>            |



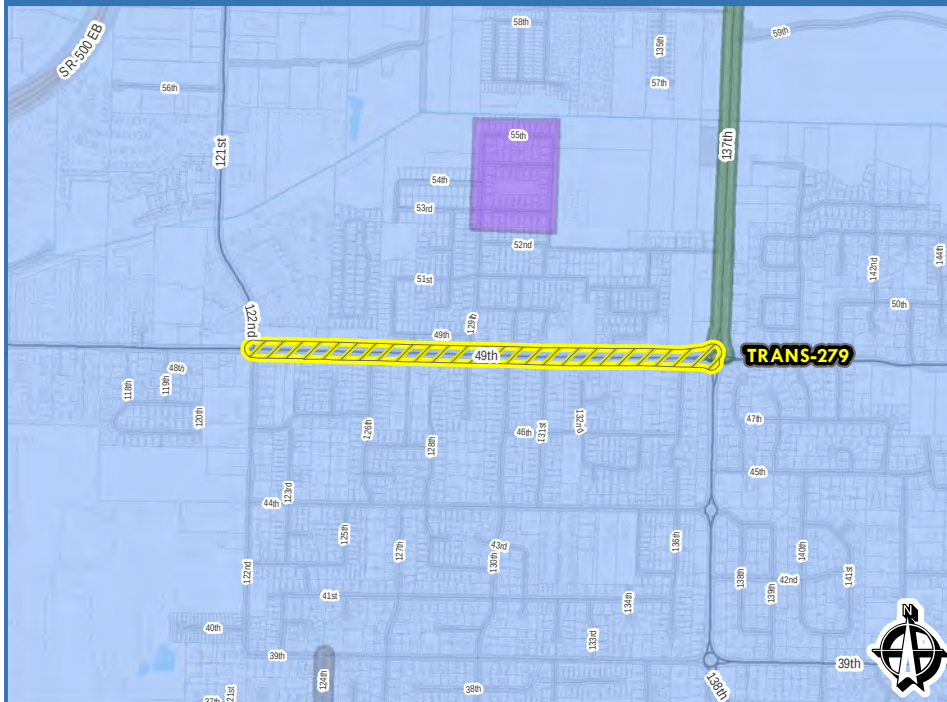
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 49TH ST. - NE 122ND AVE. TO NE 137TH AVE.**

PROJECT EXTENT: **NE 122ND AVE.**

TO: **NE 137TH AVE.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

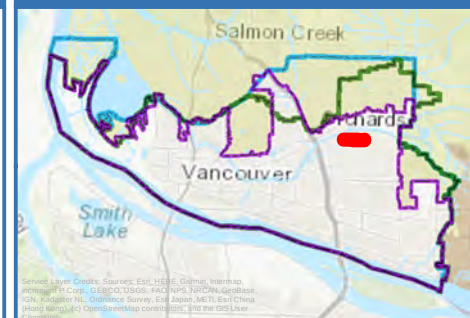
### **Project Description / Comments**

Upgrade of existing 2-lane street to 3-lane urban minor arterial (1 lane each direction and turn lane) with sidewalks, ADA Ramps, bike facilities and streetlights.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: N/A

SFS Funds: N/A

Grant Funds: N/A

**Total Proj. Cost: \$10,000,000.00**

**\*Start of Construction (Year): Unknown**





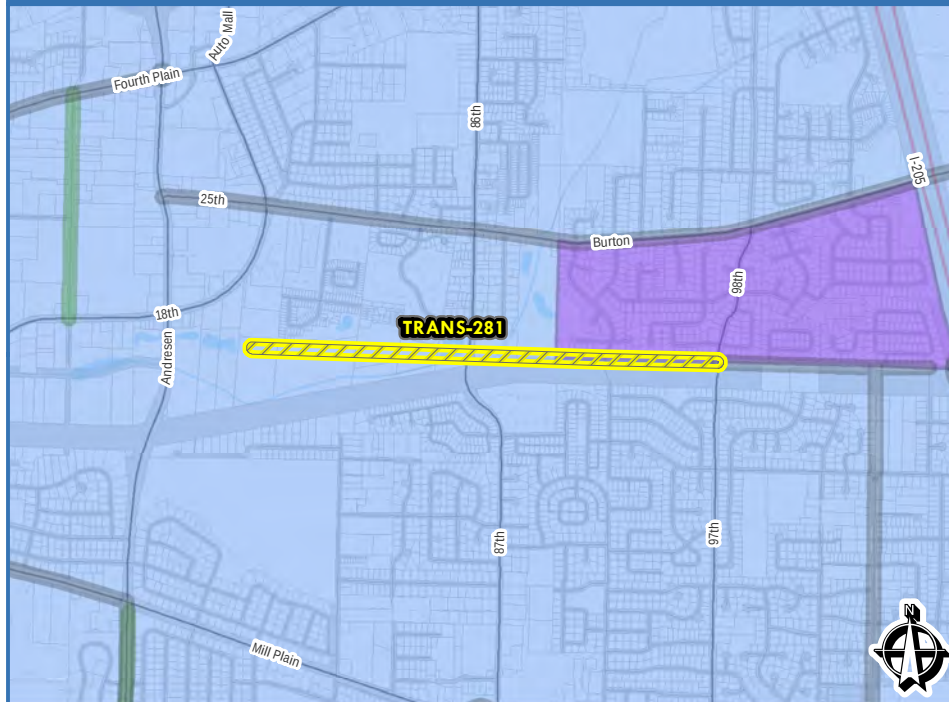
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 18TH ST. - NE 87TH AVE. TO NE 97TH AVE.**

PROJECT EXTENT: **NE 87TH AVE.**

TO: **NE 97TH AVE.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

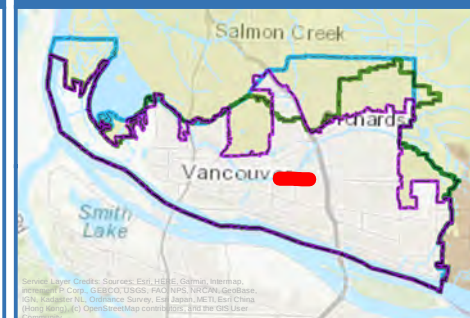
### **Project Description / Comments**

Long-planned construction of new minor arterial street (1 lane each direction plus turn lane) with bike facilities, streetlights, sound walls (where required), a sidewalk on north side and shared use pathway on south side of street. Project provides planned east-west circulation.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                        |
|---------------------------------------|------------------------|
| Funding Status:                       | Unfunded               |
| Existing Funds:                       | N/A                    |
| SFS Funds:                            | N/A                    |
| Grant Funds:                          | N/A                    |
| <b>Total Proj. Cost:</b>              | <b>\$14,200,000.00</b> |
| <b>*Start of Construction (Year):</b> | Unknown                |



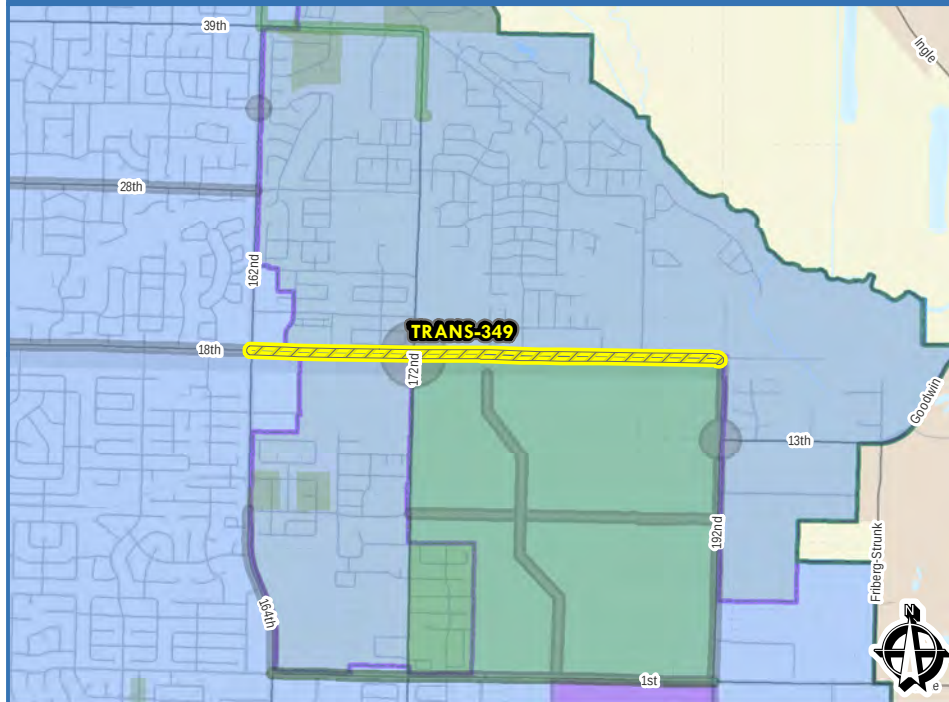
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 18TH ST. - NE 164TH AVE. TO NE 192ND AVE.**

PROJECT EXTENT: **NE 164TH AVE.**

TO: **NE 192ND AVE.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

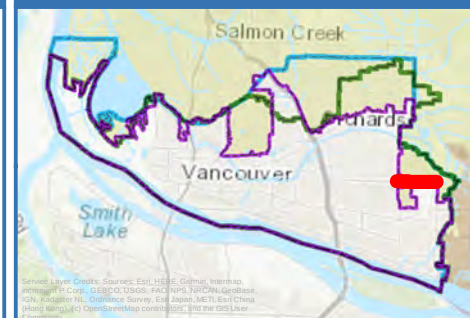
### Project Description / Comments

Long-planned upgrade of 2-lane principal arterial, originally at rural standards, to increase safety and improve service levels. Improvements include additional travel lanes, bike facilities, streetlights, sound walls, sidewalk on north side and shared use pathway on south side of street.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: N/A

SFS Funds: N/A

Grant Funds: N/A

**Total Proj. Cost: \$18,750,000.00**

**\*Start of Construction (Year): Unknown**



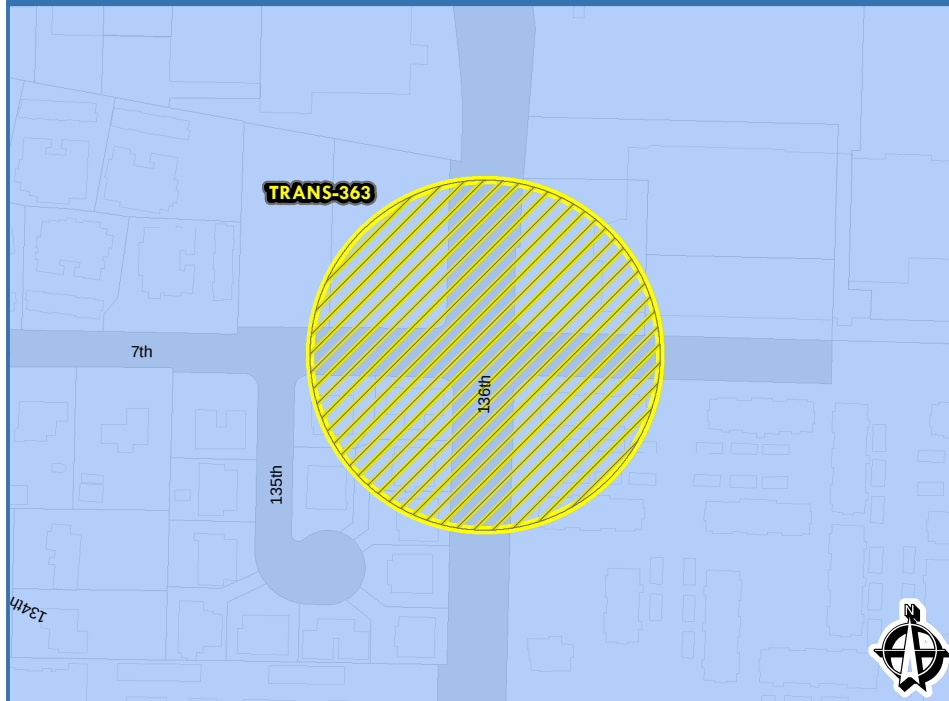
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **SE 136TH AVE. AT SE 7TH ST.**

PROJECT EXTENT: **SE 136TH AVE.**

TO: **SE 7TH ST. INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Signal & Lighting Improvements

**Project Status:**

On Hold

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

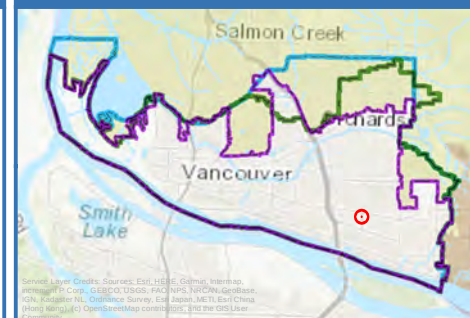
### **Project Description / Comments**

Installation of new traffic signal to improve service and multimodal safety. Includes ADA ramps and streetlights and provides potential high safety benefits. Design and ROW are fully funded, and city is seeking grants for construction.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                     |
|---------------------------------------|---------------------|
| Funding Status:                       | Unfunded            |
| Existing Funds:                       | N/A                 |
| SFS Funds:                            | N/A                 |
| Grant Funds:                          | N/A                 |
| <b>Total Proj. Cost:</b>              | <b>\$500,000.00</b> |
| <b>*Start of Construction (Year):</b> | Unknown             |





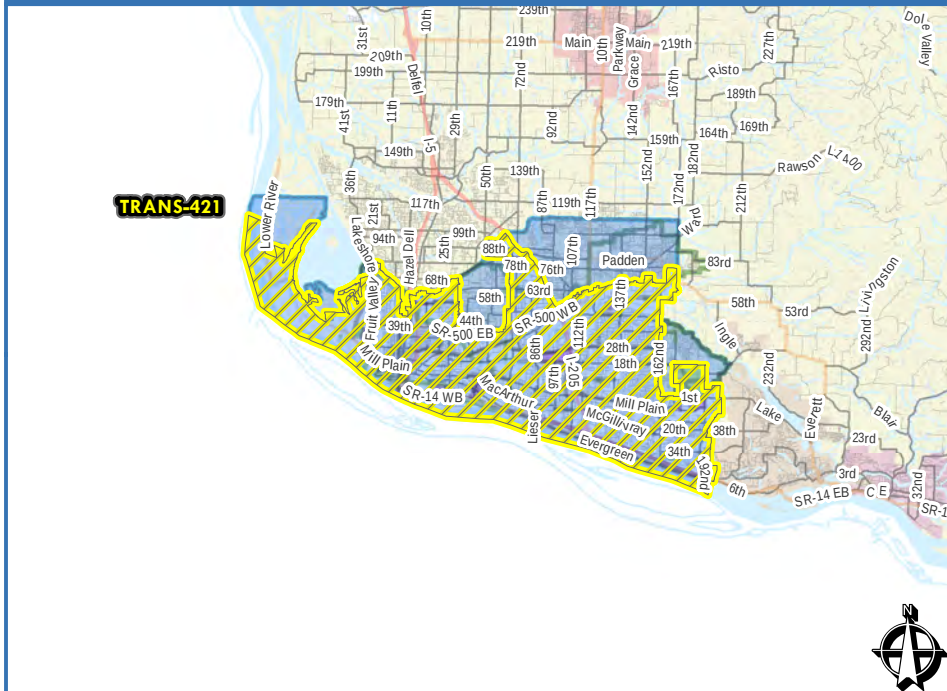
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **PAVEMENT RECONSTRUCTION PROGRAM**

PROJECT EXTENT: **CITYWIDE**

TO:

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Ongoing

**Funding Status:**

Partially Funded

## PROJECT DESCRIPTION

### Project Description / Comments

Major pavement and roadway reconstruction of failed pavement on existing streets at various locations citywide. The total lane miles of failed streets has held steady the last few years, and the Citywide PCI continues to remain at approximately 73. SFS funds contribute a budget of \$1,000,000/yr. annually for this work.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                  |
|---------------------------------------|------------------|
| Funding Status:                       | Partially Funded |
| Existing Funds:                       | No               |
| SFS Funds:                            | Yes              |
| Grant Funds:                          | No               |
| <b>Total Proj. Cost:</b>              |                  |
| <b>*Start of Construction (Year):</b> | 2019             |



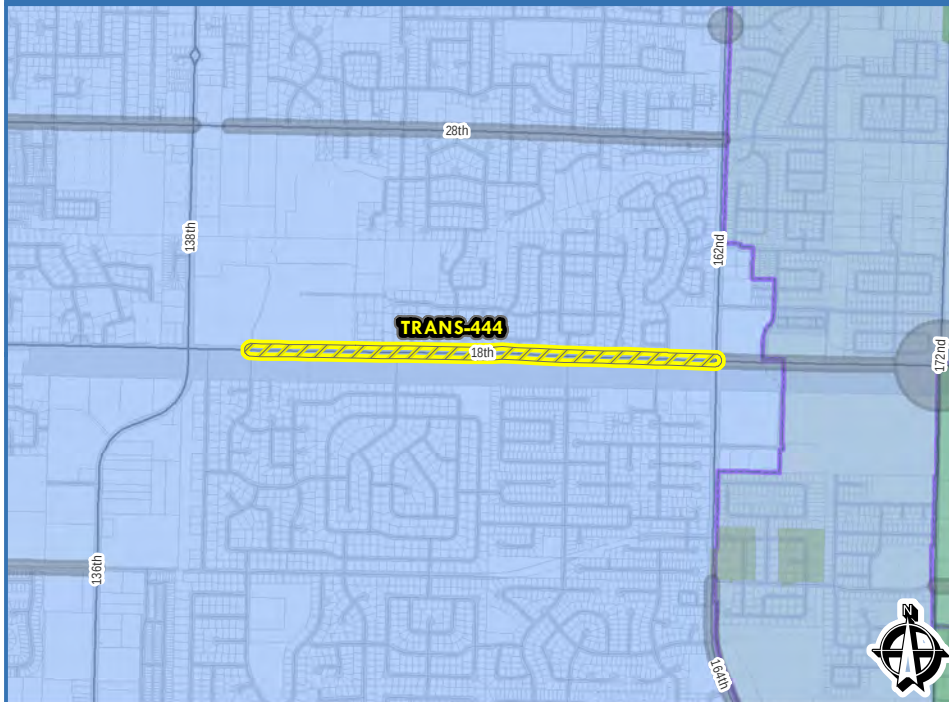
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 18TH ST. - NE 142ND AVE. TO NE 162ND AVE.**

PROJECT EXTENT: **NE 142ND AVE.**

TO: **NE 162ND AVE.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Partially Funded

## PROJECT DESCRIPTION

### Project Description / Comments

Long-planned urban upgrade of 2-lane road to principal arterial standards. originally built at rural standards to improve service and safety. Improvements include 5-lane principal arterial (2 lanes each direction plus turn lane) with bike facilities, streetlights, sound walls (where required), sidewalk and ADA ramps, and shared use pathway on south side of street.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                          |                        |
|--------------------------|------------------------|
| Funding Status:          | Partially Funded       |
| Existing Funds:          | N/A                    |
| SFS Funds:               | N/A                    |
| Grant Funds:             | N/A                    |
| <b>Total Proj. Cost:</b> | <b>\$19,600,000.00</b> |

**\*Start of Construction (Year):**



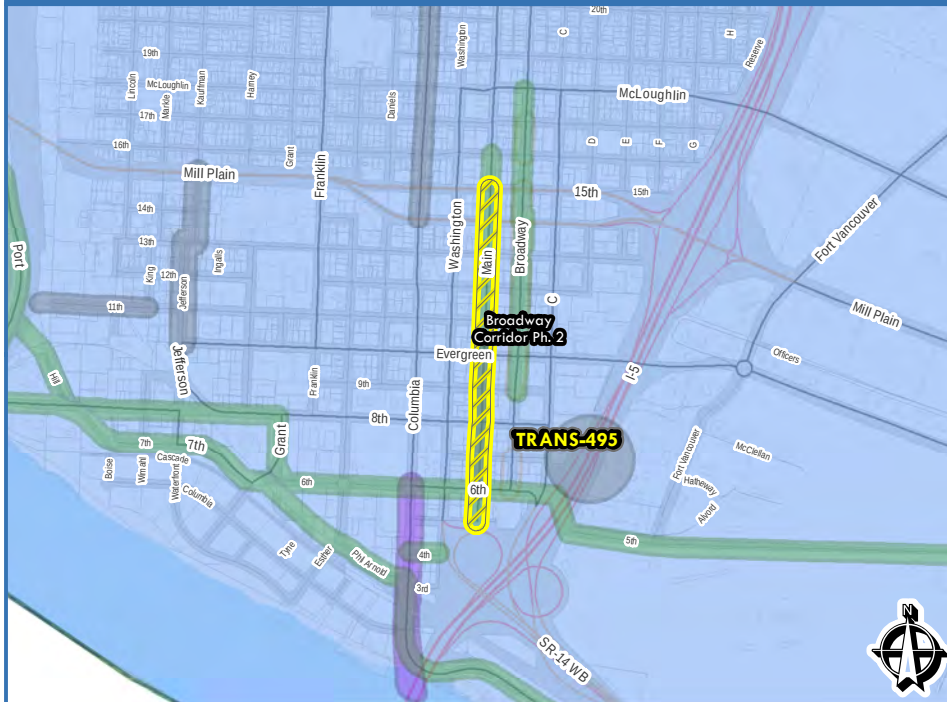
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **MAIN ST. RECONSTRUCTION - 5TH ST. TO 15TH STREET**

PROJECT EXTENT: **5TH ST.**

TO: **15TH ST.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Future

**Funding Status:**

Funded

## PROJECT DESCRIPTION

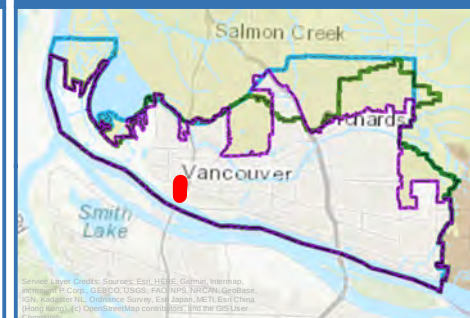
### Project Description / Comments

Improve safety with complete reconstruction of pavement and sidewalks, a priority of City Center Vision. Project includes upgraded streetlights and pedestrian amenities. Preliminary design done in 2010 under project # 071601. ARPA grant awarded in 2022 to complete this project.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                        |
|---------------------------------------|------------------------|
| Funding Status:                       | Funded                 |
| Existing Funds:                       | N/A                    |
| SFS Funds:                            | N/A                    |
| Grant Funds:                          | N/A                    |
| <b>Total Proj. Cost:</b>              | <b>\$11,150,000.00</b> |
| <b>*Start of Construction (Year):</b> | <b>2022</b>            |





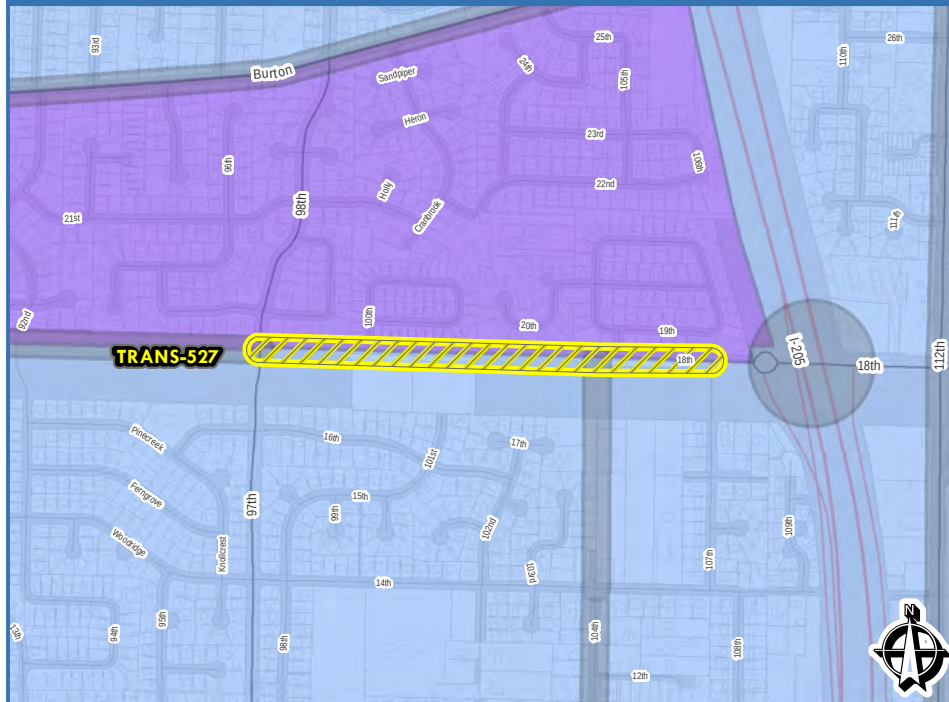
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 18TH ST. - NE 97TH AVE. TO NE 107TH AVE.**

PROJECT EXTENT: **NE 97TH AVE.**

TO: **NE 107TH AVE.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

In Design

**Funding Status:**

Partially Funded

## PROJECT DESCRIPTION

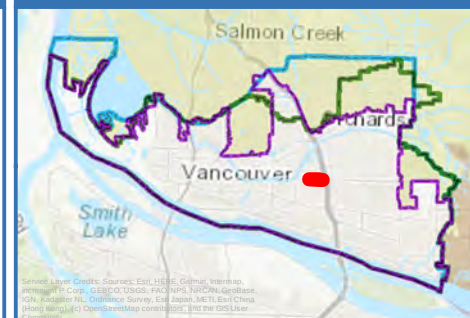
### Project Description / Comments

Long-planned new urban arterial and upgrade of existing segments to current arterial standards. The improvement will be a multimodal facility including travel lanes, evaluation of roundabouts at intersections, bike facilities, streetlights, ADA accessible pedestrian ramps, sound walls (where required), sidewalk, and a multi-use pathway. The east end of the project will connect to the recently constructed WSDOT/I-205 on ramp and roundabout. Design/ROW phases are continuing.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                        |
|---------------------------------------|------------------------|
| Funding Status:                       | Partially Funded       |
| Existing Funds:                       | Yes                    |
| SFS Funds:                            | Yes                    |
| Grant Funds:                          | Potential              |
| <b>Total Proj. Cost:</b>              | <b>\$18,500,000.00</b> |
| <b>*Start of Construction (Year):</b> | <b>2025</b>            |



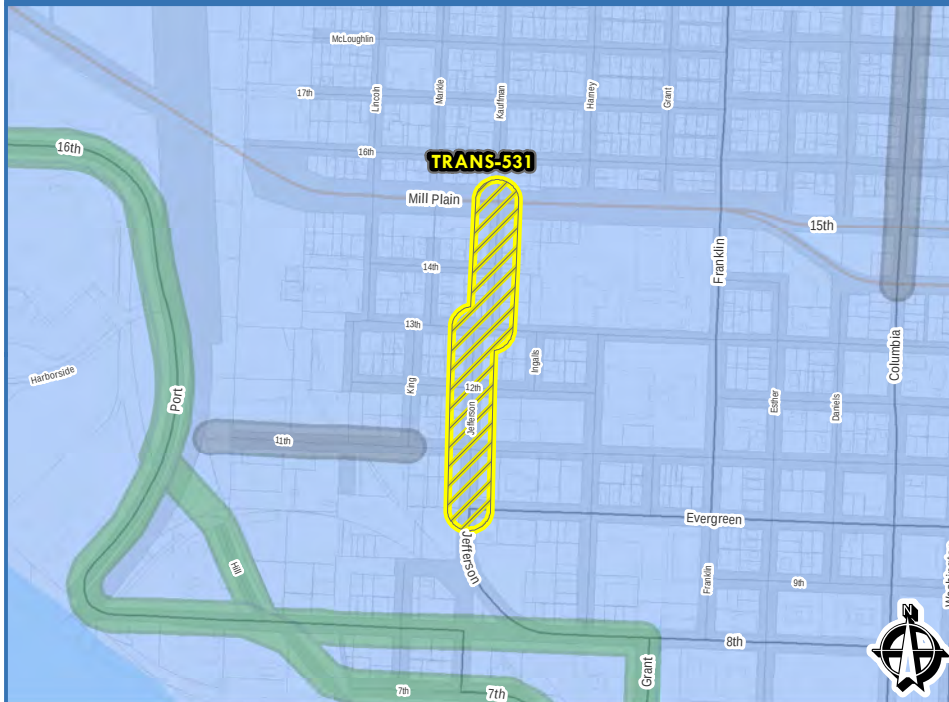
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **JEFFERSON ST. - W. EVERGREEN BLVD. TO W. MILL PLAIN BLVD.**

PROJECT EXTENT: **W. EVERGREEN BLVD.**

TO: **W. MILL PLAIN BLVD.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

In Design

**Funding Status:**

Partially Funded

## PROJECT DESCRIPTION

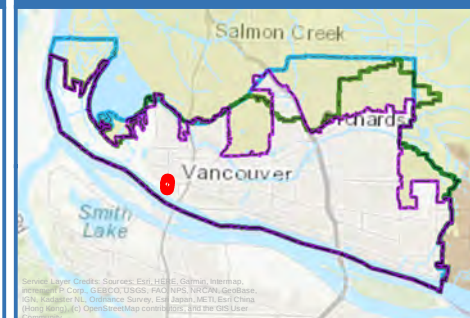
### Project Description / Comments

Upgrade of a priority westside urban arterial circulation route with realignment of Jefferson/Kauffman at W. 13th St. Projects include 2 lanes (1 lane each direction), ADA ramps, sidewalk infill, bike facilities and streetlights, with potential for high safety benefits. Design phase and right-of-way phases are funded. Construction phase partially funded via grant.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                        |
|---------------------------------------|------------------------|
| Funding Status:                       | Partially Funded       |
| Existing Funds:                       | Yes                    |
| SFS Funds:                            | Yes                    |
| Grant Funds:                          | Potential              |
| <b>Total Proj. Cost:</b>              | <b>\$11,000,000.00</b> |
| <b>*Start of Construction (Year):</b> | <b>2024</b>            |





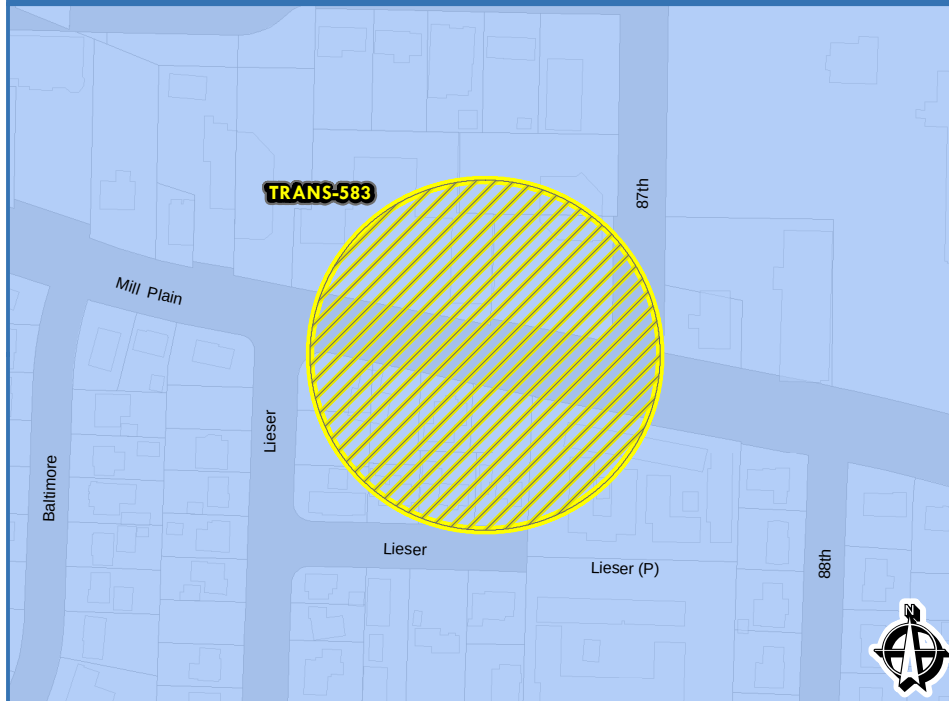
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 87TH AVE./ LIESER RD. REALIGNMENT**

PROJECT EXTENT: **LIESER RD.**

TO: **NE 87TH AVE.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

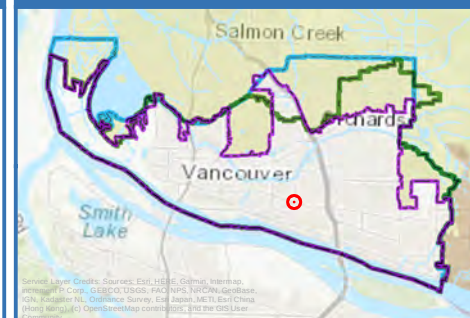
### **Project Description / Comments**

Intersection modifications along E. Mill Plain Blvd. at NE 87th Ave. and Lieser Rd to improve capacity and safety at these offset intersections. Scope of project is undefined.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: N/A

SFS Funds: N/A

Grant Funds: N/A

**Total Proj. Cost: \$5,000,000.00**

**\*Start of Construction (Year): Unknown**



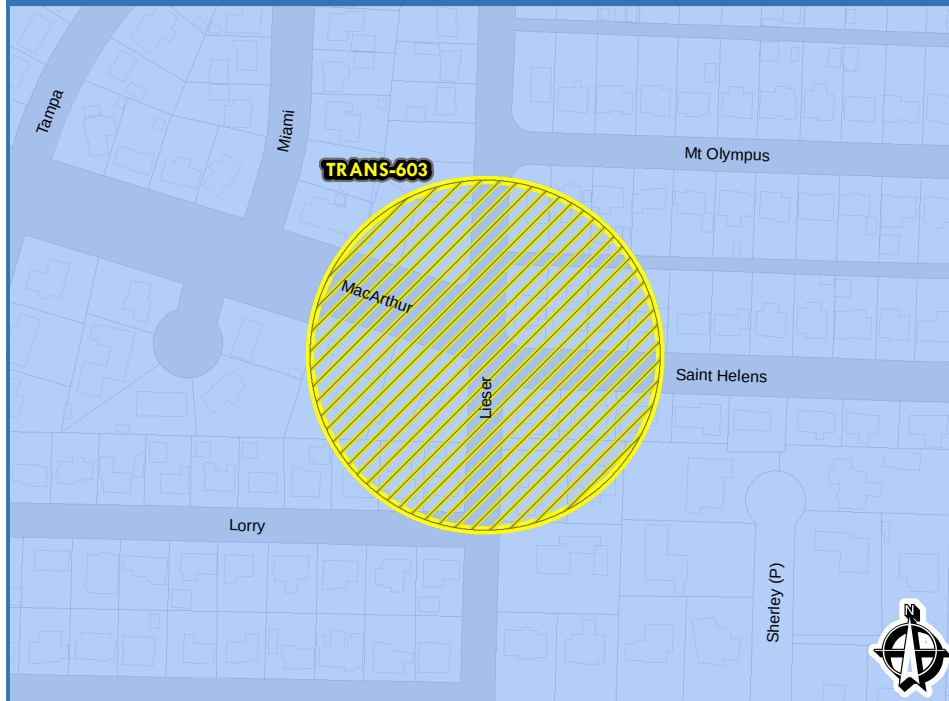
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **MACARTHUR BLVD., S. LIESER RD. AND ST. HELENS AVE. INTERSECTION**

PROJECT EXTENT: **S. LIESER RD.**

TO: **ST. HELENS AVE. INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Signal & Lighting Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

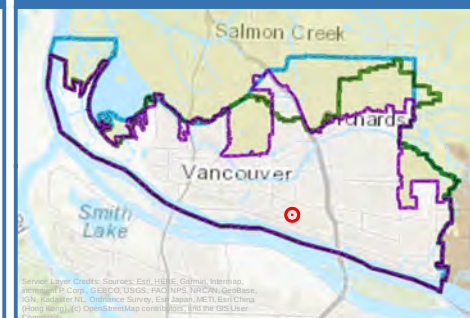
### Project Description / Comments

Intersection project to modify an existing 4-way-stop intersection that is operating at near maximum capacity. Improvements include new traffic signal or roundabout, upgraded sidewalks, ADA ramps and streetlights to improve traffic system, safety, mobility and accessibility

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                       |
|---------------------------------------|-----------------------|
| Funding Status:                       | Unfunded              |
| Existing Funds:                       | N/A                   |
| SFS Funds:                            | N/A                   |
| Grant Funds:                          | N/A                   |
| <b>Total Proj. Cost:</b>              | <b>\$3,500,000.00</b> |
| <b>*Start of Construction (Year):</b> | Unknown               |



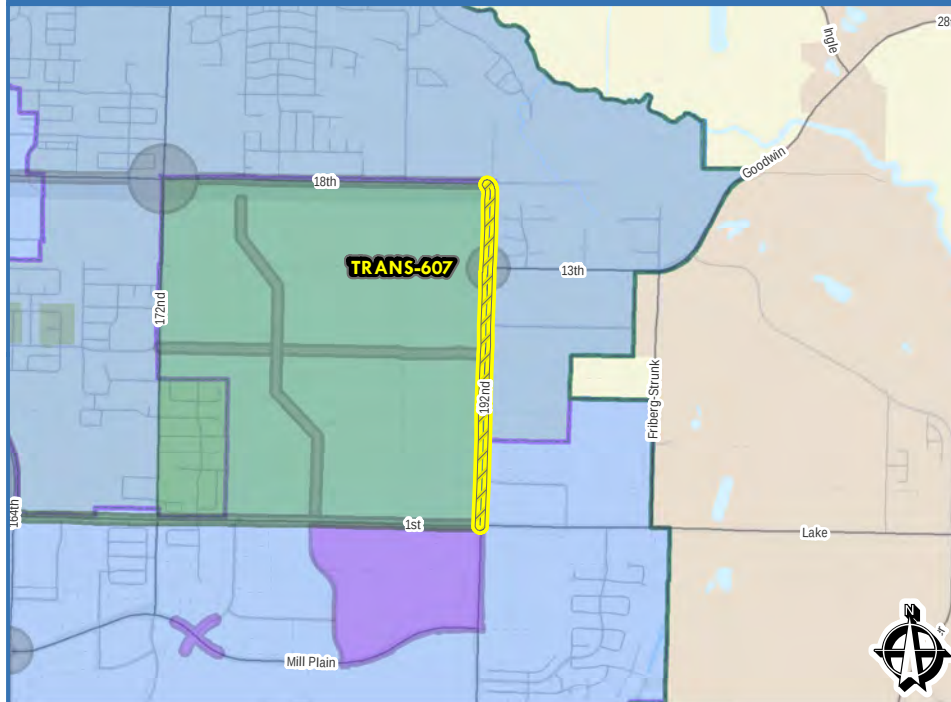
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 192ND AVE. - SE 1ST ST. TO NE 18TH ST.**

PROJECT EXTENT: **SE 1ST ST.**

TO: **NE 18TH ST.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

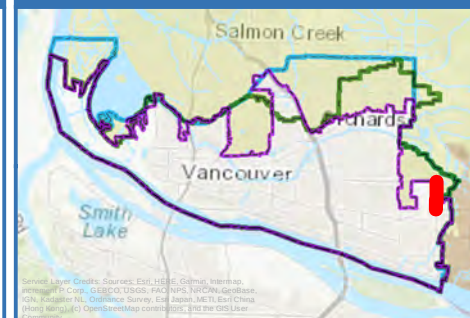
### **Project Description / Comments**

Urban upgrade of existing 2-lane street. Improvements include additional travel lanes, sidewalks, bike facilities, ADA ramps and streetlights to improve system, safety, mobility and accessibility.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                        |
|---------------------------------------|------------------------|
| Funding Status:                       | Unfunded               |
| Existing Funds:                       | N/A                    |
| SFS Funds:                            | N/A                    |
| Grant Funds:                          | N/A                    |
| <b>Total Proj. Cost:</b>              | <b>\$20,000,000.00</b> |
| <b>*Start of Construction (Year):</b> | Unknown                |



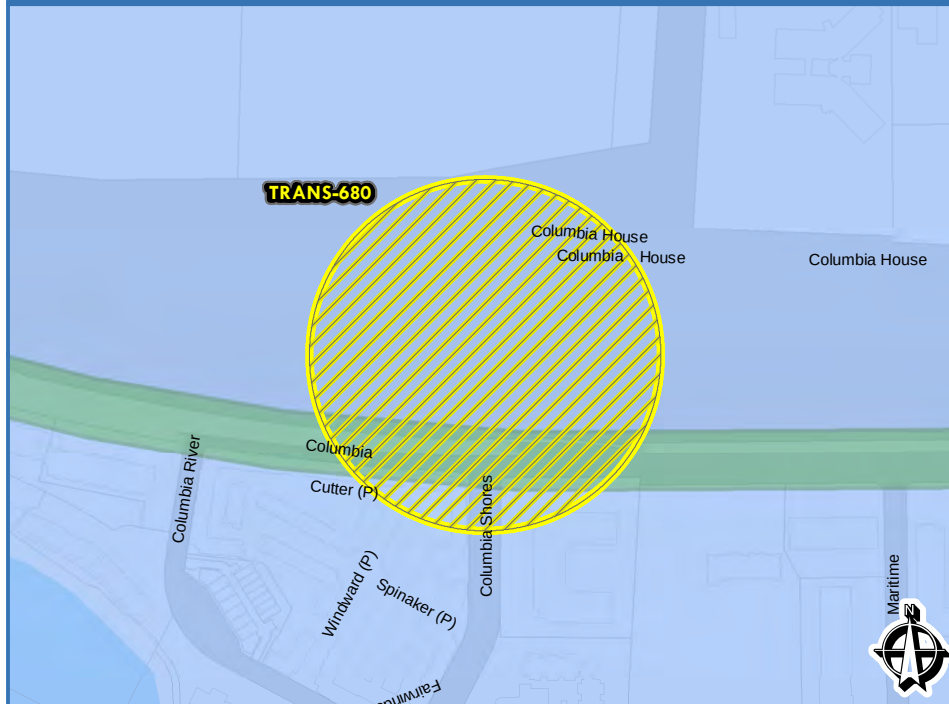
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **COLUMBIA SHORES BLVD. AT COLUMBIA WAY - BNSF UNDERCROSSING WIDENING**

PROJECT EXTENT: **COLUMBIA SHORES BLVD.**

TO: **BNSF RAILROAD PORTAL**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

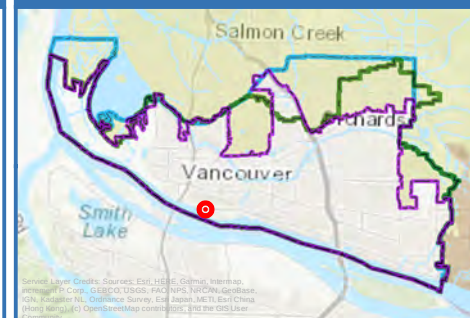
### Project Description / Comments

Project to widen existing railroad undercrossing portal and improve Columbia Shores/Columbia Way intersection to address service levels and increase pedestrian and bike access. Total scope of project is undefined.

## LEGEND



## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: N/A

SFS Funds: N/A

Grant Funds: N/A

**Total Proj. Cost: \$25,000,000.00**

**\*Start of Construction (Year): Unknown**





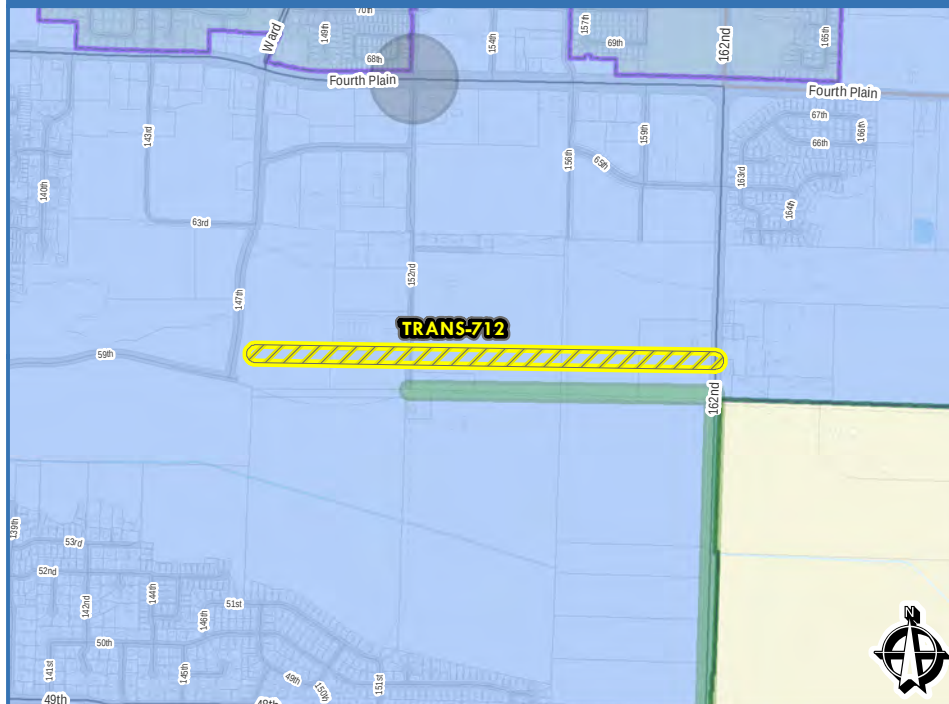
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 59TH ST. - NE 147TH AVE. TO NE 162ND AVE.**

PROJECT EXTENT: **NE 147TH AVE.**

TO: **NE 162ND AVE.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

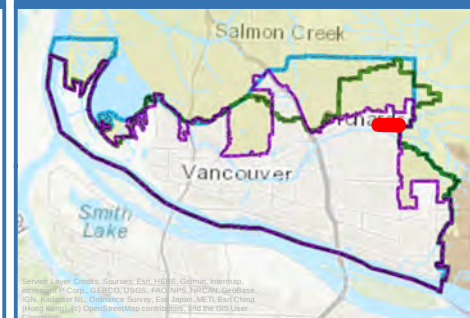
### **Project Description / Comments**

New minor arterial street (1 lane each direction plus turn lane) with sidewalks, ADA ramps, bike facilities, streetlights and surface water treatment. Project will address circulation needs, improve safety, mobility, accessibility and stormwater management.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                       |
|---------------------------------------|-----------------------|
| Funding Status:                       | Unfunded              |
| Existing Funds:                       | N/A                   |
| SFS Funds:                            | N/A                   |
| Grant Funds:                          | N/A                   |
| <b>Total Proj. Cost:</b>              | <b>\$7,900,000.00</b> |
| <b>*Start of Construction (Year):</b> | Unknown               |



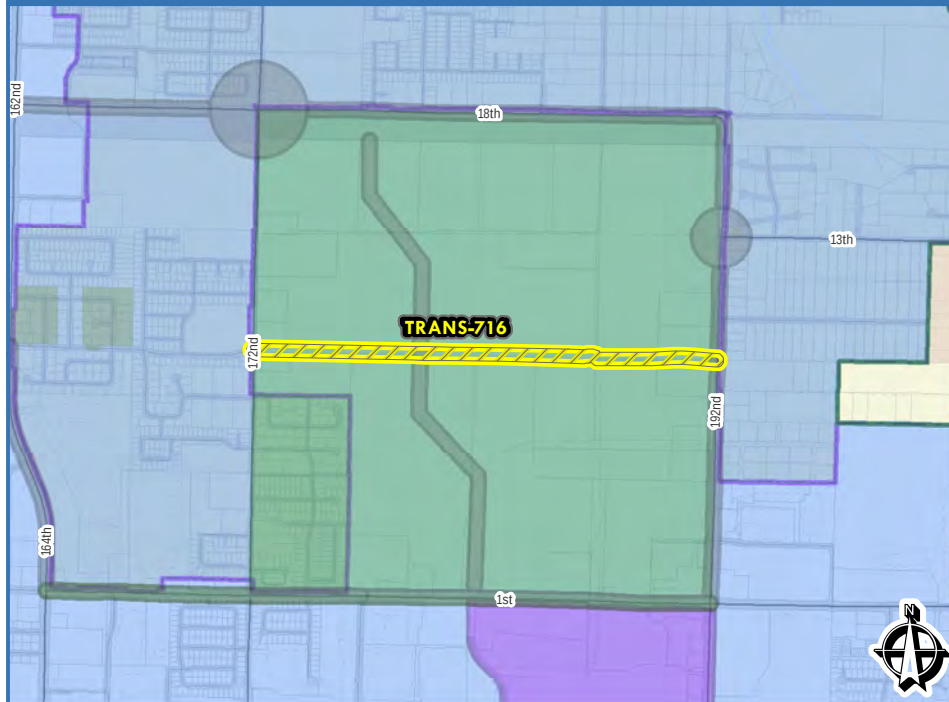
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 9TH ST. - NE 172ND AVE. TO NE 192ND AVE.**

PROJECT EXTENT: **NE 172ND AVE.**

TO: **NE 192ND AVE.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

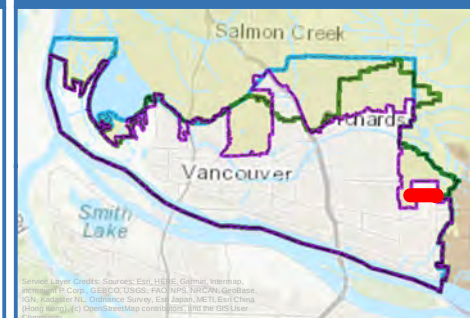
### Project Description / Comments

New urban collector street (1 lane each direction plus turn lane), including sidewalks, ADA ramps, bike facilities, streetlights. This priority east-west circulation route is part of Section 30 Sub Area Plan concept.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: N/A

SFS Funds: N/A

Grant Funds: N/A

**Total Proj. Cost: \$10,000,000.00**

**\*Start of Construction (Year): Unknown**



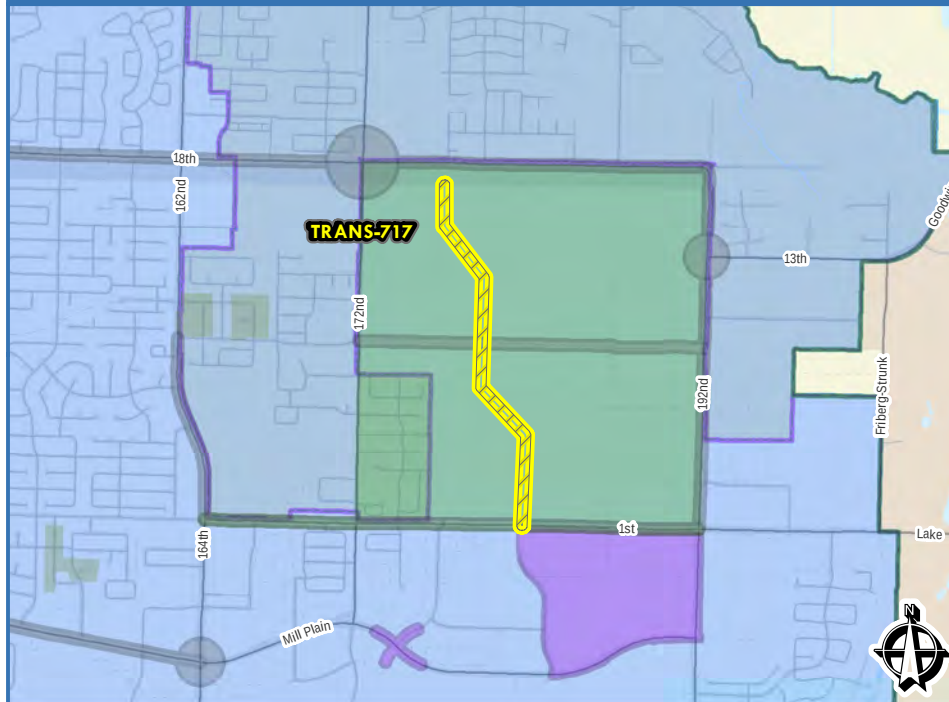
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 182ND AVE. - SE 1ST ST. TO NE 18TH ST.**

PROJECT EXTENT: **SE 1ST ST.**

TO: **NE 18TH ST.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

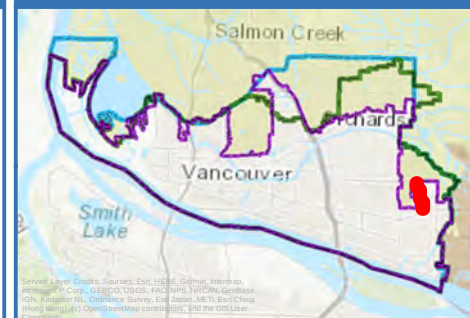
### **Project Description / Comments**

New urban collector street (1 lane each direction plus turn lane), including sidewalks, ADA ramps, bike facilities and streetlights. This priority north to south circulation route is part of Section 30 Sub Area Plan concept.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: N/A

SFS Funds: N/A

Grant Funds: N/A

**Total Proj. Cost: \$12,000,000.00**

**\*Start of Construction (Year): Unknown**





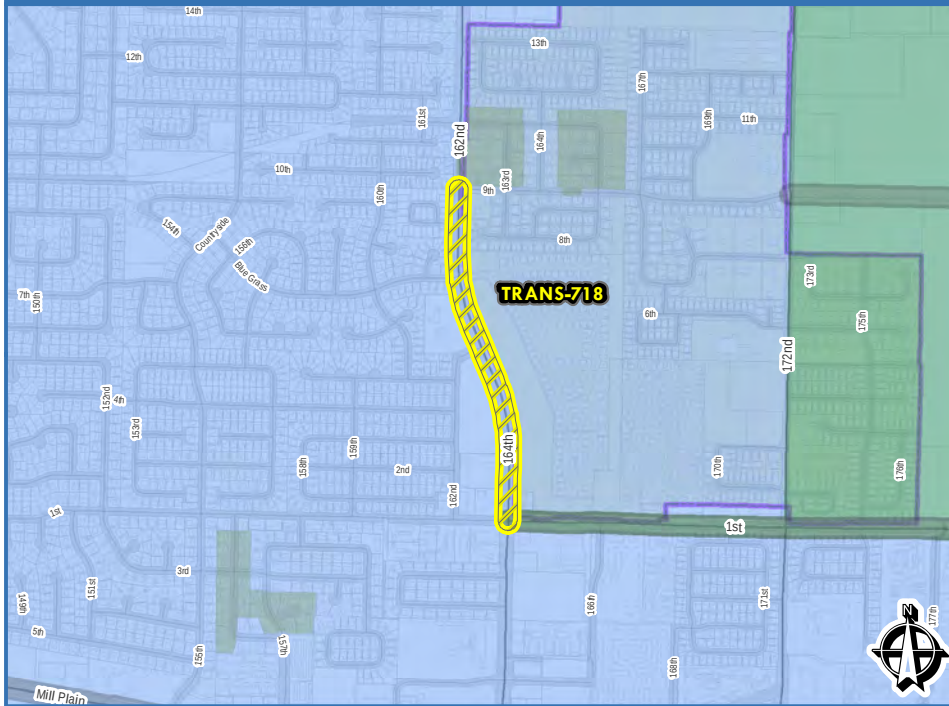
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 162ND AVE. - SE 1ST ST. TO NE 9TH ST.**

PROJECT EXTENT: **SE 1ST ST.**

TO: **NE 9TH ST.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

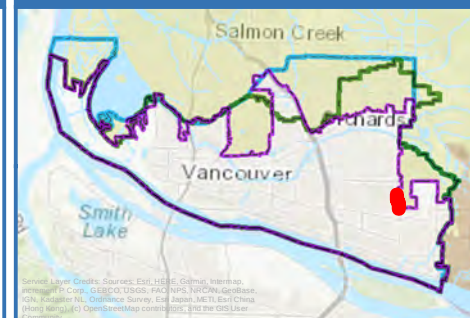
### Project Description / Comments

Upgrade of 5-lane road to 7-lane principal arterial street (3 lanes each direction plus turn lane), including sidewalks, ADA ramps, bike facilities and streetlights. Roadway cross section will match NE 162nd Avenue to the north and south.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                        |
|---------------------------------------|------------------------|
| Funding Status:                       | Unfunded               |
| Existing Funds:                       | N/A                    |
| SFS Funds:                            | N/A                    |
| Grant Funds:                          | N/A                    |
| <b>Total Proj. Cost:</b>              | <b>\$11,250,000.00</b> |
| <b>*Start of Construction (Year):</b> | Unknown                |





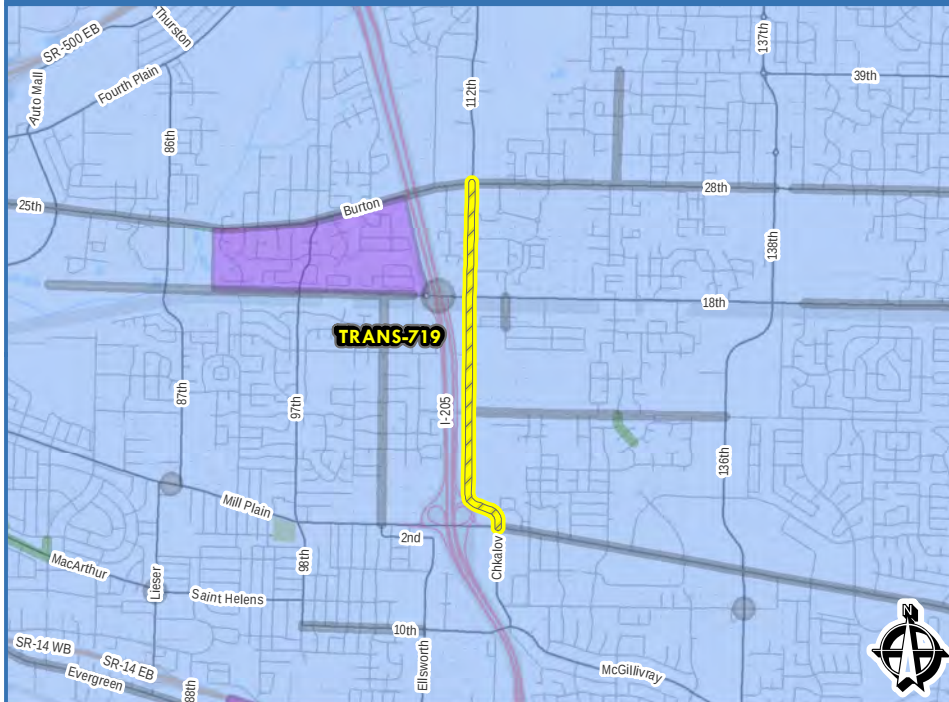
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 112TH AVE. - E. MILL PLAIN BLVD. TO NE 28TH ST.**

PROJECT EXTENT: **E MILL PLAIN BLVD.**

TO: **NE 28TH ST.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

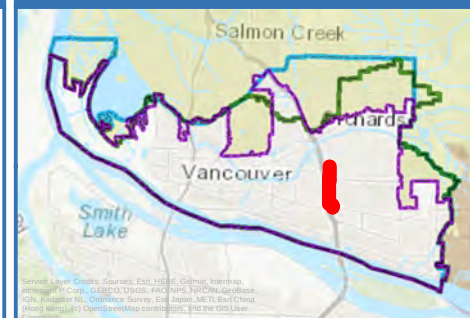
### **Project Description / Comments**

Corridor improvements to bring NE 112th Ave. up to urban arterial standards, and address safety and accessibility issues for all modes of travel.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: N/A

SFS Funds: N/A

Grant Funds: N/A

**Total Proj. Cost: \$2,000,000.00**

**\*Start of Construction (Year): Unknown**



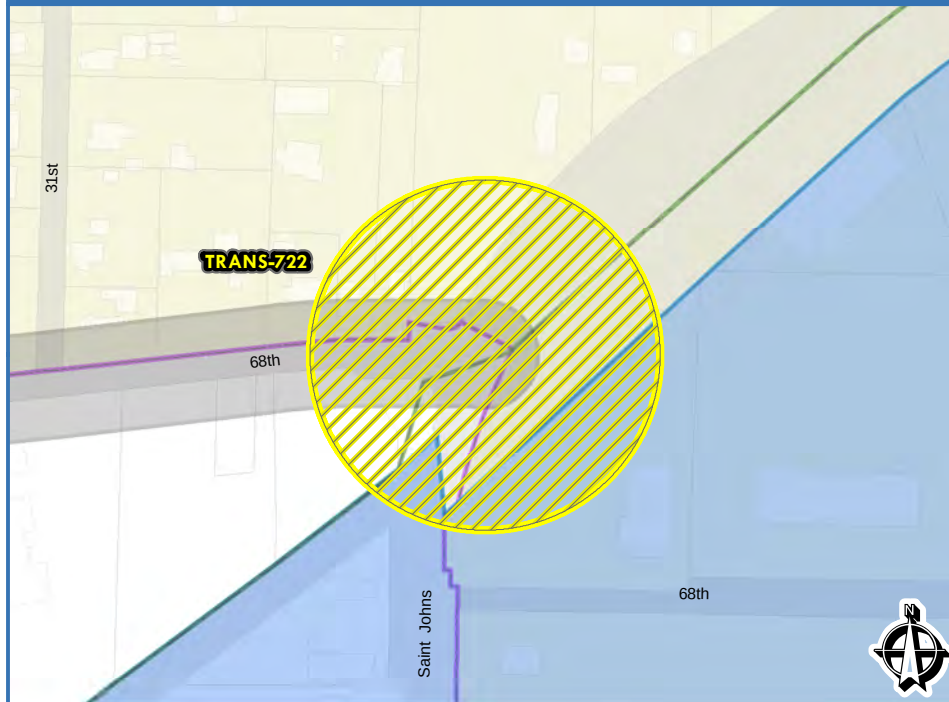
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE ST. JOHNS BLVD. AND NE 68TH ST.**

PROJECT EXTENT: **NE ST. JOHN'S BLVD.**

TO: **NE 68TH ST. INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Signal & Lighting Improvements

**Project Status:**

On Hold

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

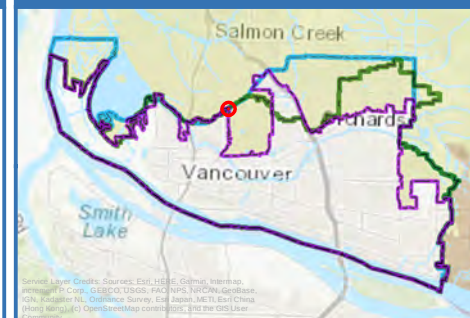
### **Project Description / Comments**

Modify existing intersection to improve traffic safety and level of service.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: N/A

SFS Funds: N/A

Grant Funds: N/A

**Total Proj. Cost: \$1,000,000.00**

**\*Start of Construction (Year): Unknown**



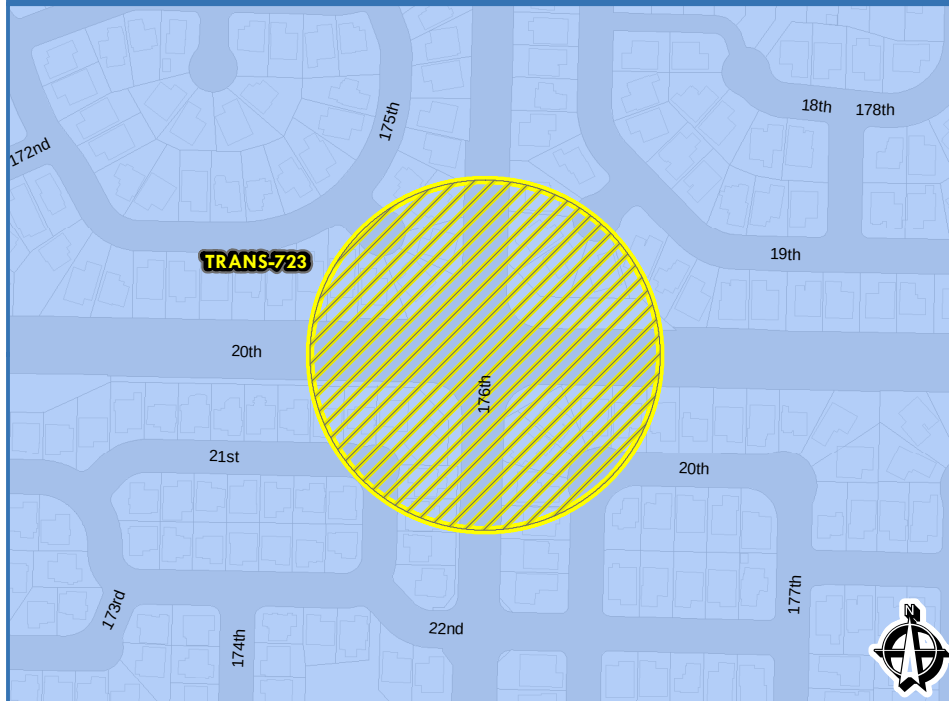
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **SE 20TH ST. AND SE 176TH AVE.**

PROJECT EXTENT: **SE 20TH ST.**

TO: **SE 176TH AVE. INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Signal & Lighting Improvements

**Project Status:**

On Hold

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

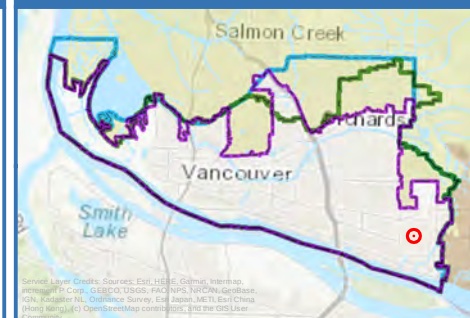
### **Project Description / Comments**

Modify existing intersection to improve traffic safety, operations and level of service.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                     |
|---------------------------------------|---------------------|
| Funding Status:                       | Unfunded            |
| Existing Funds:                       | N/A                 |
| SFS Funds:                            | N/A                 |
| Grant Funds:                          | N/A                 |
| <b>Total Proj. Cost:</b>              | <b>\$500,000.00</b> |
| <b>*Start of Construction (Year):</b> | Unknown             |





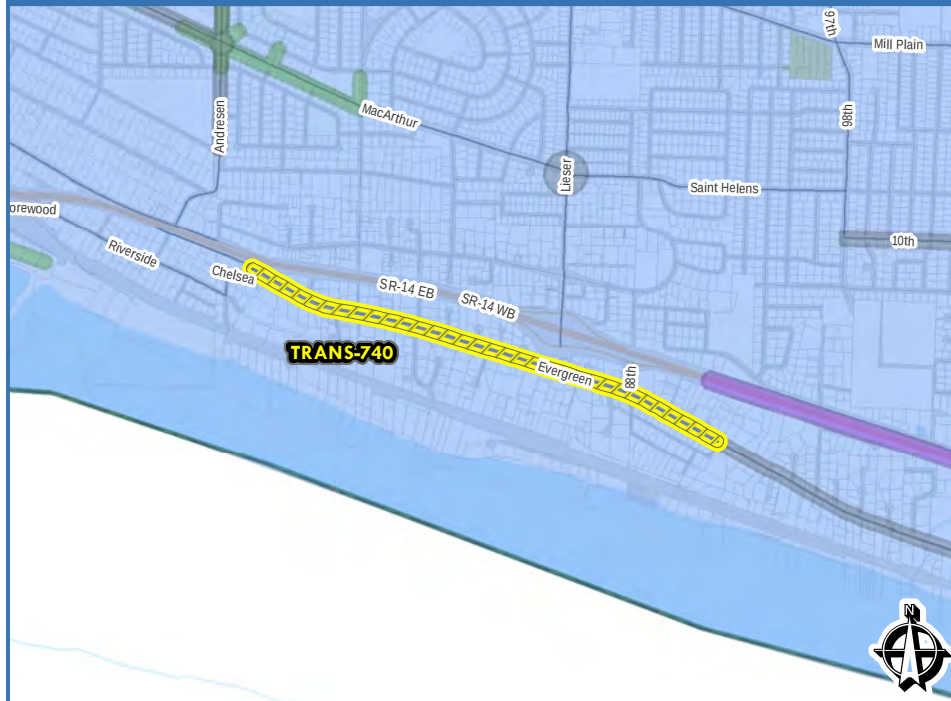
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **EVERGREEN HWY. PATHWAY - SE CHELSEA AVE. TO SE IMAGE RD.**

PROJECT EXTENT: **SE CHELSEA AVE.**

TO: **SE IMAGE RD.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

In Design

**Funding Status:**

Partially Funded

## PROJECT DESCRIPTION

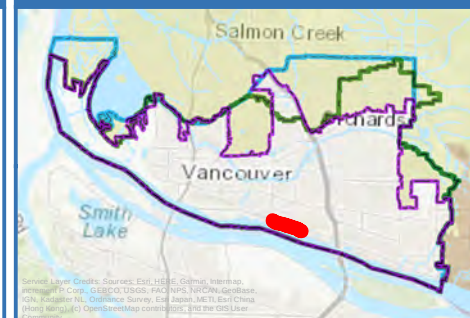
### Project Description / Comments

Upgrade roadway with 6-10 foot pedestrian pathway on south side, a priority east-west pedestrian and bicycle corridor. Design and ROW funded. No funding for construction.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                       |
|---------------------------------------|-----------------------|
| Funding Status:                       | Partially Funded      |
| Existing Funds:                       | Yes                   |
| SFS Funds:                            | Yes                   |
| Grant Funds:                          | Potential             |
| <b>Total Proj. Cost:</b>              | <b>\$2,400,000.00</b> |
| <b>*Start of Construction (Year):</b> | Uncertain             |



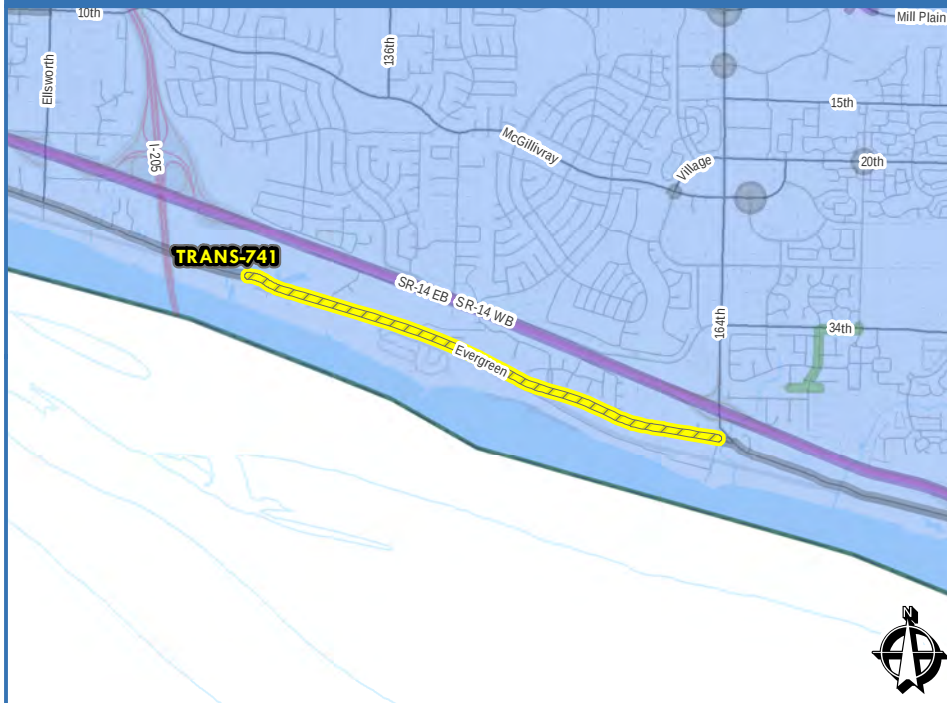
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **EVERGREEN HWY. PATHWAY - COLUMBIA SPRINGS TO SE 164TH AVE.**

PROJECT EXTENT: **SE SILVER SPRINGS DR.**

TO: **SE 164TH AVE.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

In Design

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

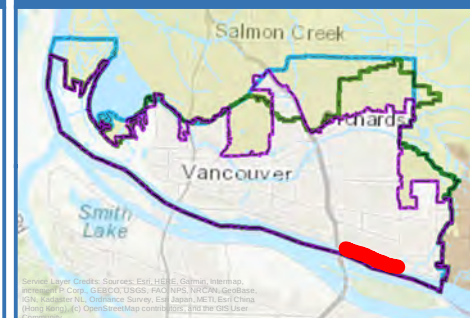
### **Project Description / Comments**

Upgrade roadway with 6 to 10 foot pedestrian pathway, a priority east-west pedestrian and bicycle corridor.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: Yes

SFS Funds: No

Grant Funds: Potential

**Total Proj. Cost: \$5,100,000.00**

**\*Start of Construction (Year):** Uncertain



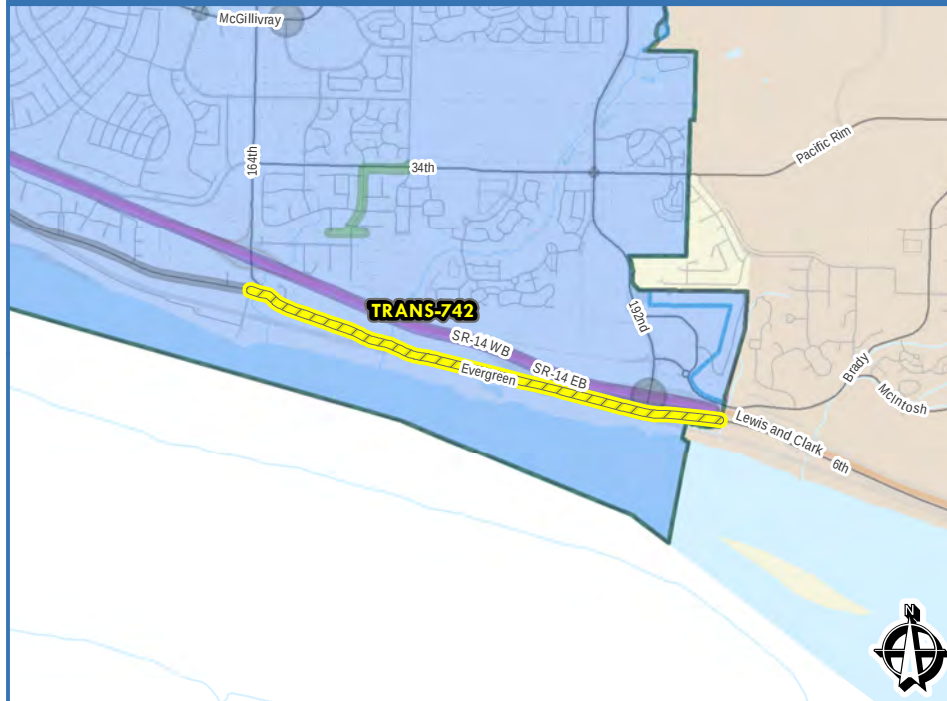
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **EVERGREEN HWY. PATHWAY - SE 164TH AVE. TO EAST CITY LIMITS**

PROJECT EXTENT: **SE 164TH AVE.**

TO: **EAST CITY LIMITS**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

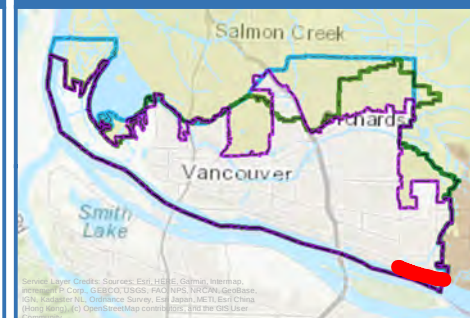
### Project Description / Comments

Upgrade roadway with 6 to 10 foot pedestrian pathway on south side, a priority east-west pedestrian and bicycle corridor.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: N/A

SFS Funds: N/A

Grant Funds: N/A

**Total Proj. Cost: \$7,000,000.00**

**\*Start of Construction (Year): Unknown**



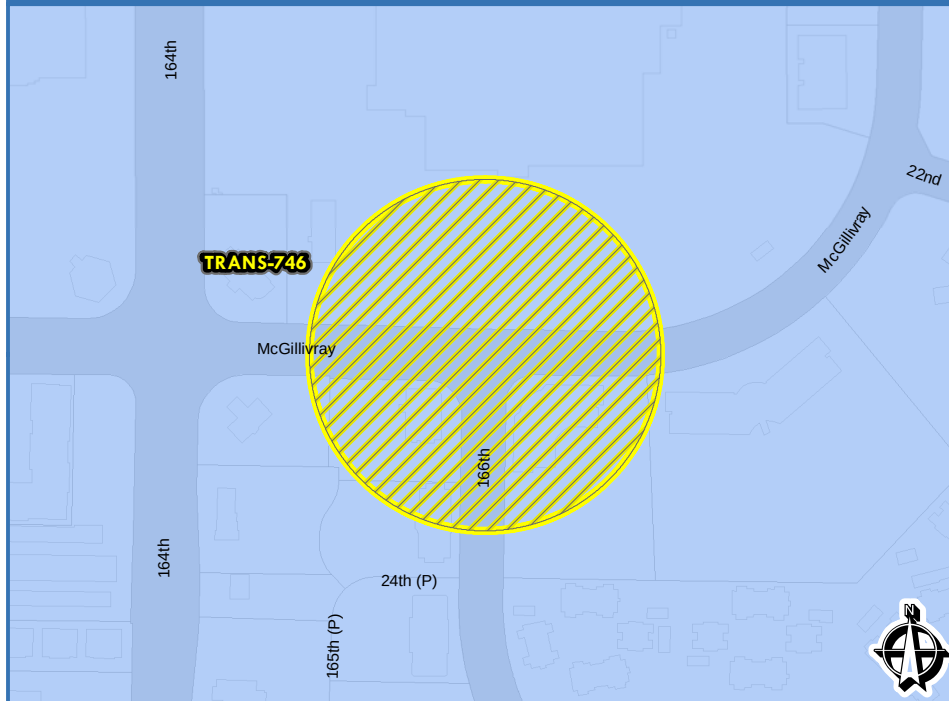
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **SE MCGILLIVRAY BLVD. AND SE 166TH AVE.**

PROJECT EXTENT: **SE MCGILLIVRAY BLVD.**

TO: **SE 166TH AVE. INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Signal & Lighting Improvements

**Project Status:**

On Hold

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

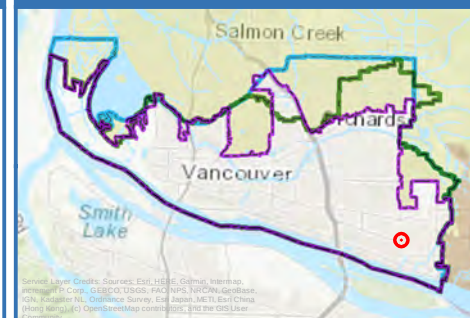
### **Project Description / Comments**

Improve intersection with urban roundabout, including upgrades to ADA ramps and streetlights.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: Yes

SFS Funds: No

Grant Funds: No

**Total Proj. Cost: \$600,000.00**

**\*Start of Construction (Year):**





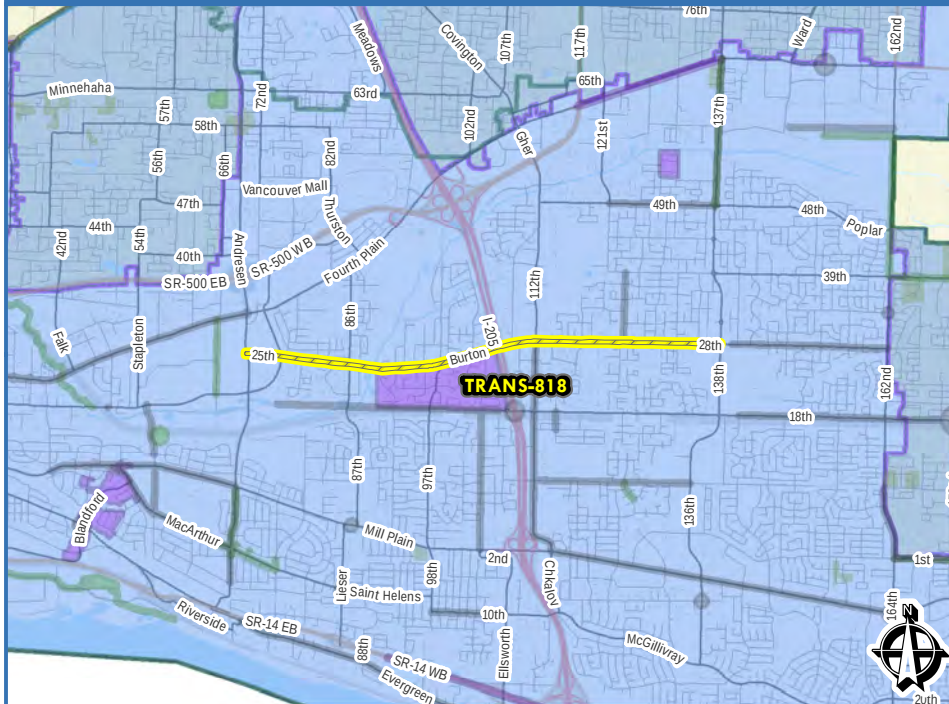
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE BURTON/28TH STREET - NE ANDRESEN RD. TO NE 138TH AVE.**

PROJECT EXTENT: **NE ANDRESEN RD.**

TO: **NE 138TH AVE.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Signal & Lighting Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

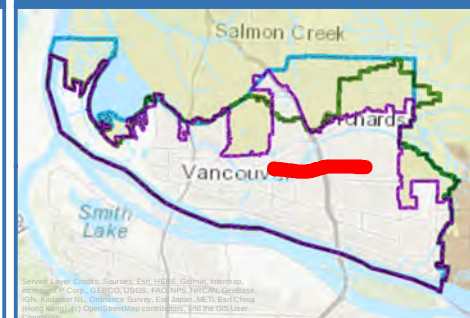
### Project Description / Comments

Installation of fiber and connections between fiber optic cables to traffic signal controllers to improve signal operations along the corridor.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: N/A

SFS Funds: N/A

Grant Funds: N/A

**Total Proj. Cost: \$1,000,000.00**

**\*Start of Construction (Year): Unknown**





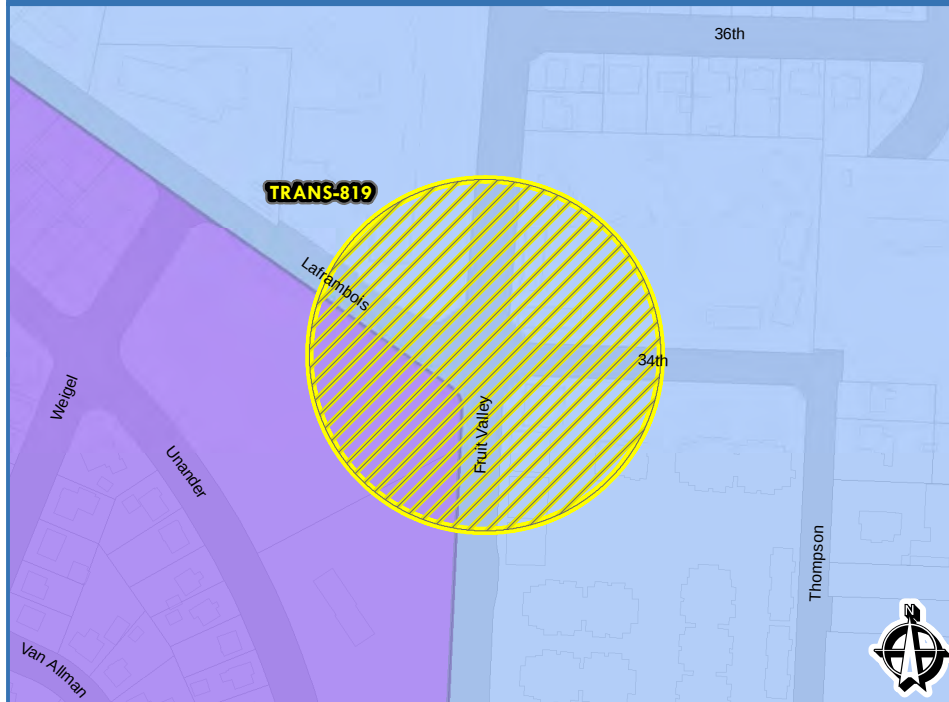
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NW FRUIT VALLEY RD. AT LA FRAMBOIS RD.**

PROJECT EXTENT: **NW FRUIT VALLEY RD.**

TO: **LA FRAMBOIS RD. INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Signal & Lighting Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

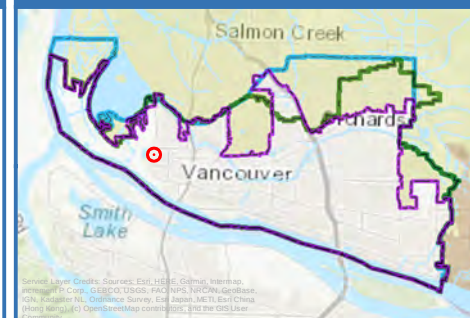
### **Project Description / Comments**

Upgrade existing signal to current standards.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                     |
|---------------------------------------|---------------------|
| Funding Status:                       | Unfunded            |
| Existing Funds:                       | N/A                 |
| SFS Funds:                            | N/A                 |
| Grant Funds:                          | N/A                 |
| <b>Total Proj. Cost:</b>              | <b>\$500,000.00</b> |
| <b>*Start of Construction (Year):</b> | Unknown             |



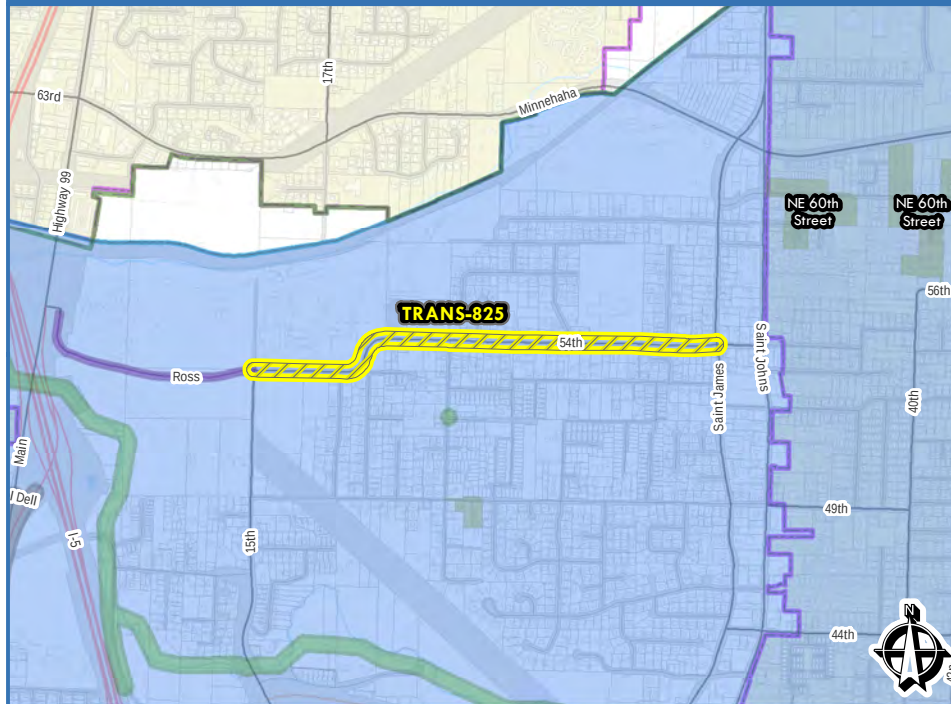
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 54TH STREET - NE 15TH AVE. TO NE SAINT JAMES RD.**

PROJECT EXTENT: **NE 15TH AVE.**

TO: **NE SAINT JAMES RD.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

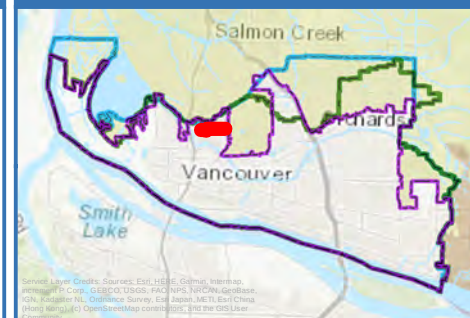
### **Project Description / Comments**

Upgrade of existing 2-lane road to an urban arterial (1 lane each direction plus turn lane), including sidewalks, ADA ramps, bike facilities and streetlights to improve safety, mobility, accessibility and level of service. New signal to be added at NE 54th St. and St John's Blvd.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: N/A

SFS Funds: N/A

Grant Funds: N/A

**Total Proj. Cost: \$14,000,000.00**

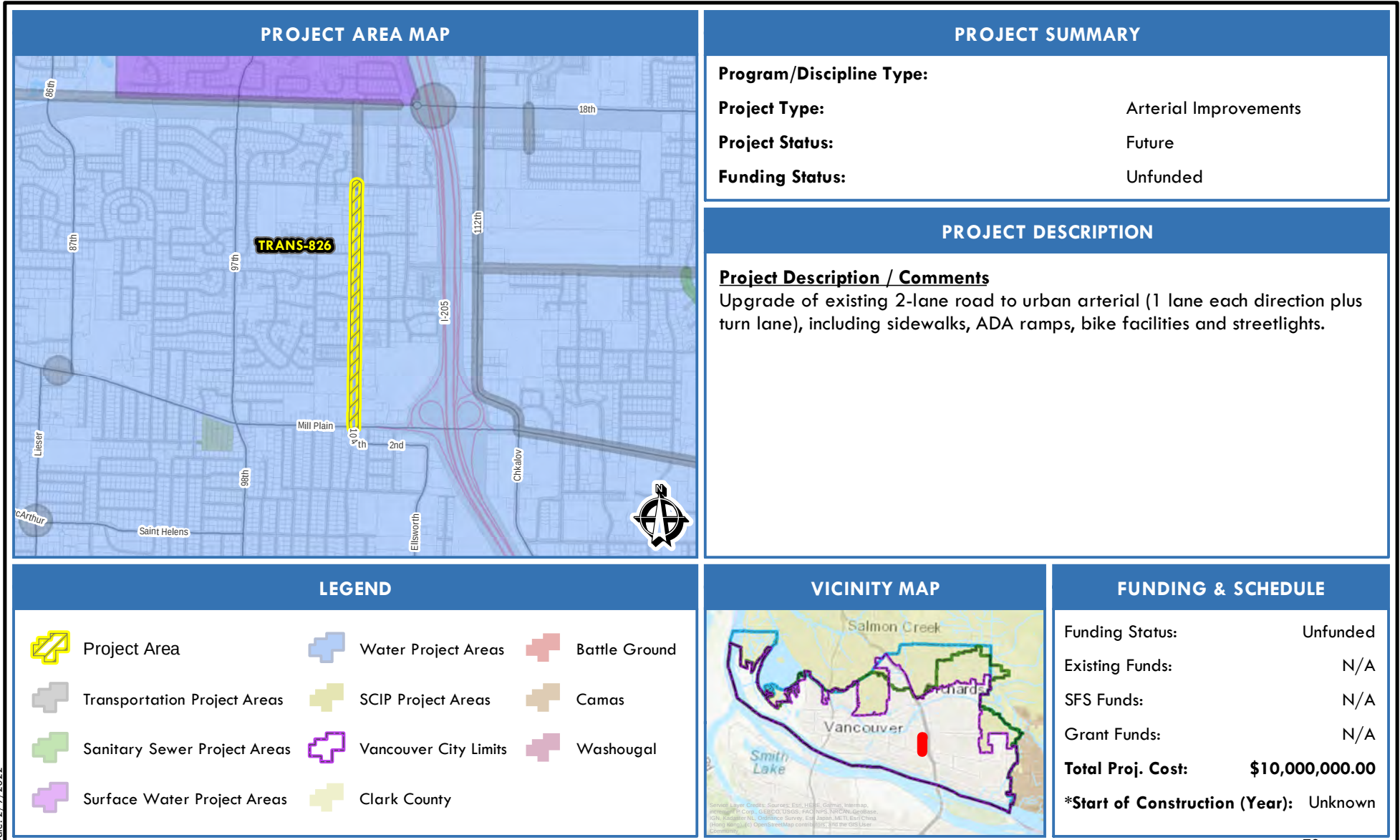
**\*Start of Construction (Year): Unknown**

## 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

**PROJECT: NE 104TH AVENUE - SE MILL PLAIN BLVD TO NE 14TH STREET**

PROJECT EXTENT: **SE MILL PLAIN BLVD.**

TO: **NE 14TH ST.**







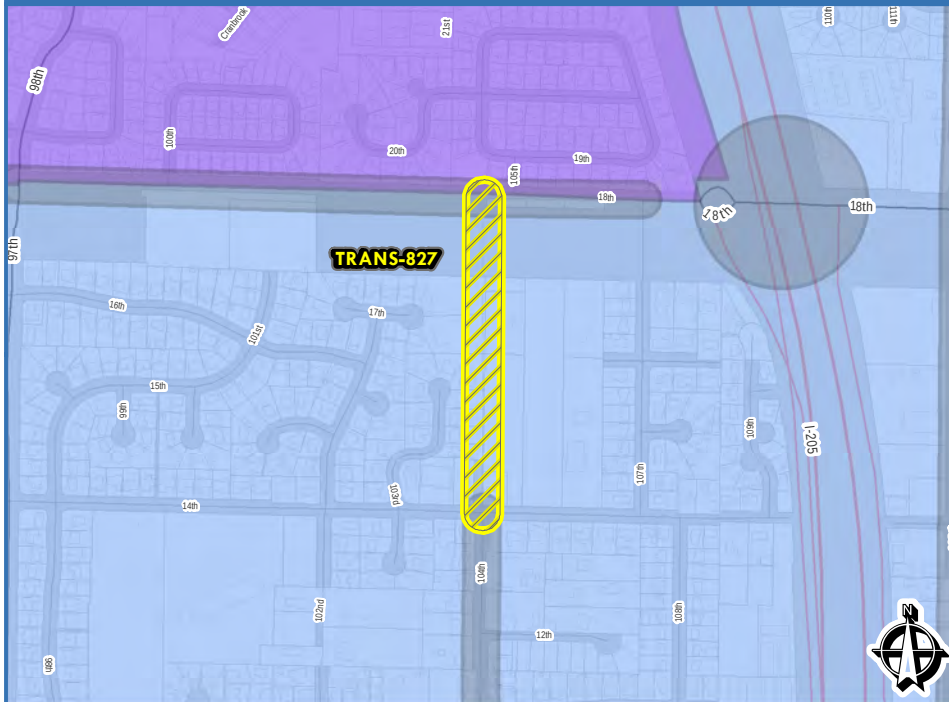
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 104TH AVENUE - NE 14TH STREET TO NE 18TH STREET**

PROJECT EXTENT: **NE 14TH ST.**

TO: **NE 18TH ST.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Capacity

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

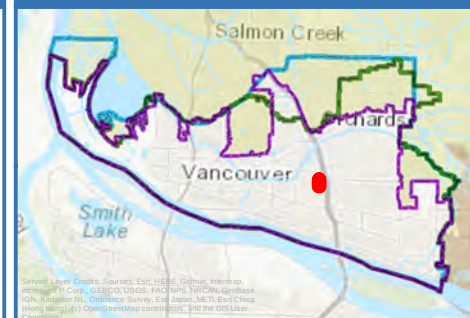
### **Project Description / Comments**

New arterial street (1 lane each direction plus turn lane), with sidewalks, ADA ramps, bike facilities and streetlights, to increase safety, mobility, accessibility and level of service.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: N/A

SFS Funds: N/A

Grant Funds: N/A

**Total Proj. Cost: \$10,000,000.00**

**\*Start of Construction (Year): Unknown**



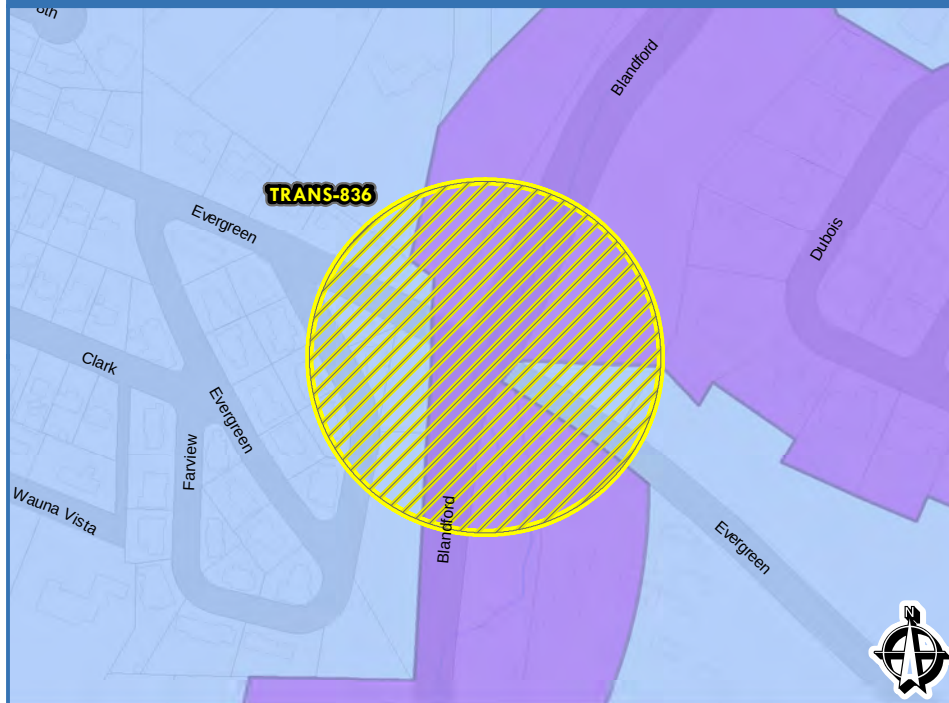
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **E. EVERGREEN BLVD. BRIDGE OVER S. BLANDFORD DR.**

PROJECT EXTENT: **E. EVERGREEN BLVD.**

TO: **S. BLANDFORD DR. BRIDGE**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Safety

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

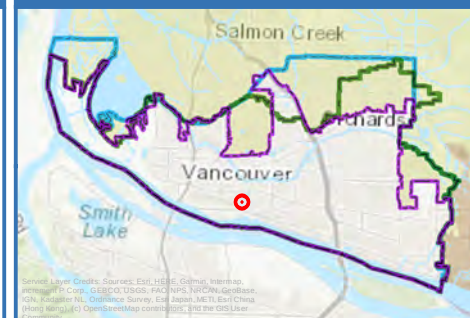
### Project Description / Comments

Replace existing bridge along Evergreen Blvd. at Blandford with new structure. Project will address safety and accessibility for all modes of travel.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: N/A

SFS Funds: N/A

Grant Funds: N/A

**Total Proj. Cost: \$15,000,000.00**

**\*Start of Construction (Year): Unknown**



# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **EVERGREEN HIGHWAY PAVEMENT PROJECT**

PROJECT EXTENT: **SE CHELSEA AVE.**

TO: **SE 164TH AVE.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Reconstruction

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

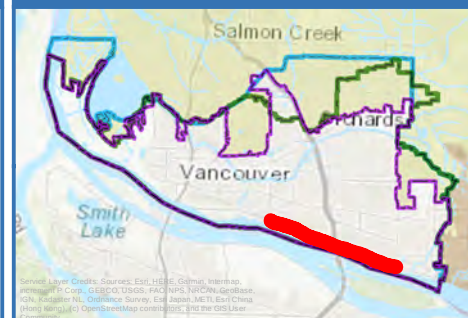
### Project Description / Comments

Project includes developing customized roadway cross section for this section, then reconstructing to that standard. In addition, project includes reconfiguration of intersection of 164th Ave/ Evergreen Hwy. Cost estimates to be determined following development and adoption of roadway cross section. Project scope and extents are still under review. The City continues to resurface sections of the corridor as resources allow.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                        |
|---------------------------------------|------------------------|
| Funding Status:                       | Unfunded               |
| Existing Funds:                       | N/A                    |
| SFS Funds:                            | N/A                    |
| Grant Funds:                          | N/A                    |
| <b>Total Proj. Cost:</b>              | <b>\$40,000,000.00</b> |
| <b>*Start of Construction (Year):</b> | Unknown                |



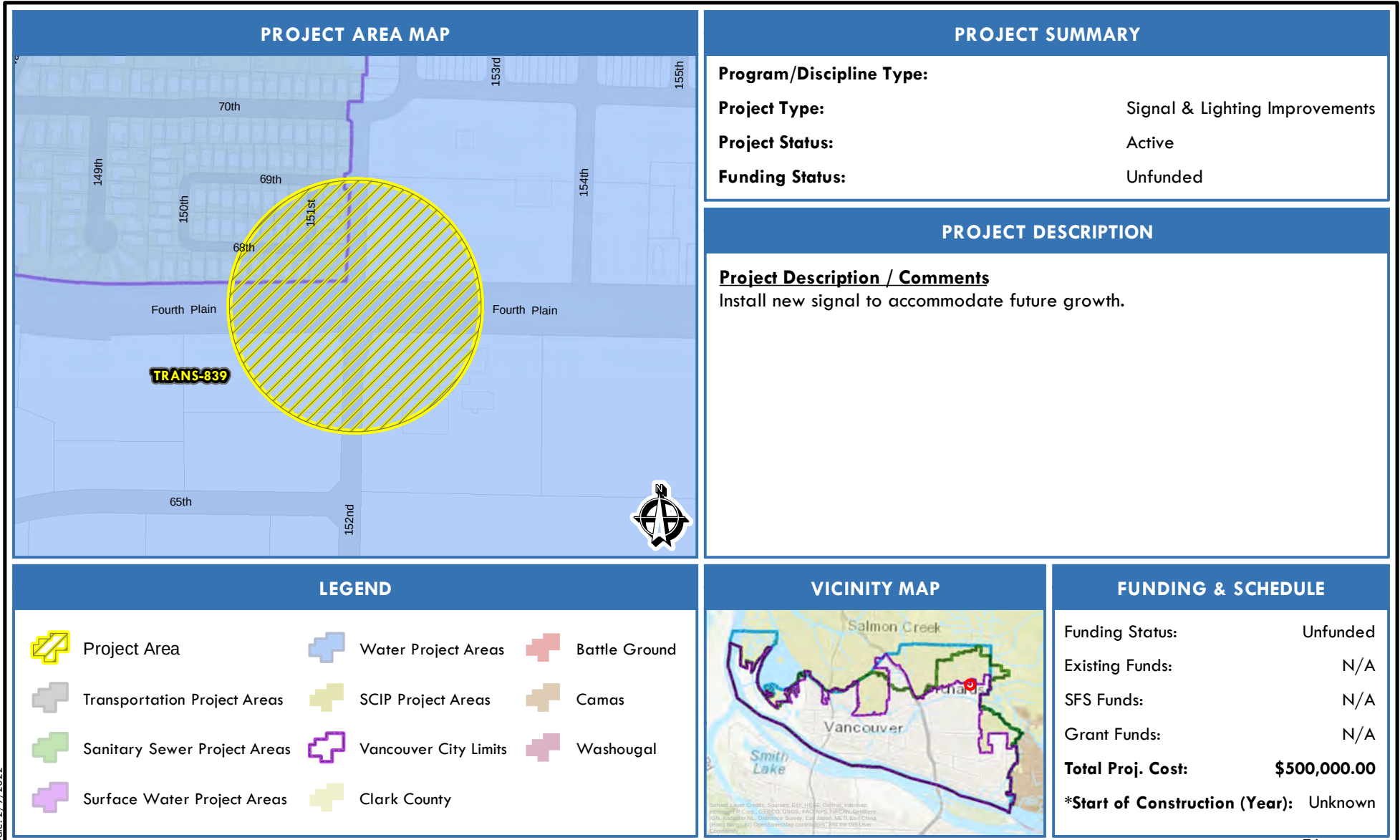


# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 152ND AVE. AND NE FOURTH PLAIN BLVD. SIGNAL**

PROJECT EXTENT: **NE 152ND AVE.**

TO: **NE 4TH PLAIN BLVD. INTERSECTION**









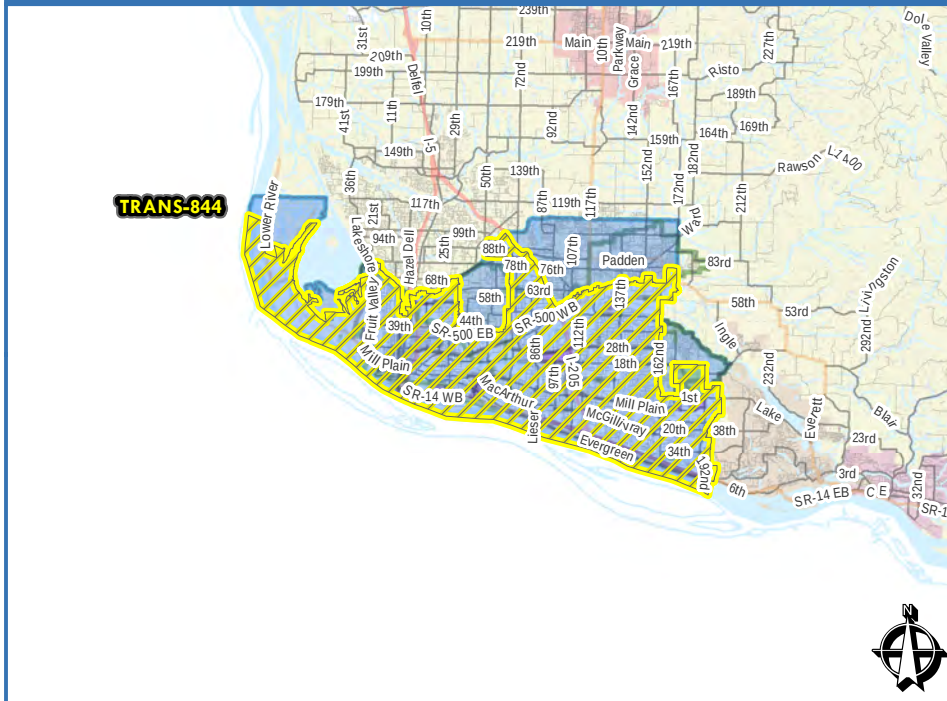
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **MULTIMODAL SAFETY AND ACCESSIBILITY**

PROJECT EXTENT: **CITYWIDE**

TO:

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Ongoing

**Funding Status:**

Partially Funded

## PROJECT DESCRIPTION

### Project Description / Comments

Ongoing program budgeted at \$1M/yr., to address safety and accessibility for people walking, biking, and rolling. Projects carried forward from 2021 to be implemented in 2022 include: TRANS-871 - N. Devine Sidewalk Improvements - Idaho to NE 18th St; TRANS-889 - NE 18th St. and N. Devine Rd. ADA Improvements; and TRANS-899 - NE Fourth Plain Blvd. - Enhanced Pedestrian Crossings. SFS funds entire annual program of \$1,000,000/yr.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Partially Funded

Existing Funds: No

SFS Funds: Yes

Grant Funds: No

**Total Proj. Cost:**

**\*Start of Construction (Year):** Ongoing



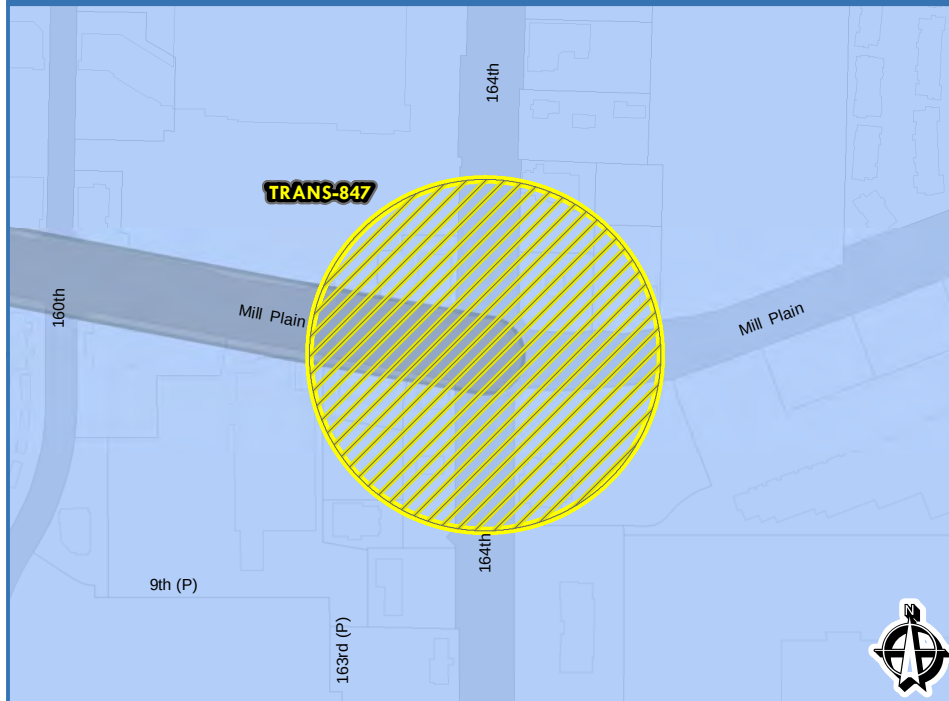
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **SE 164TH AVE. AND SE MILL PLAIN BLVD. INTERSECTION IMPROVEMENTS**

PROJECT EXTENT: **SE 164TH AVE.**

TO: **SE MILL PLAIN BLVD. INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Signal & Lighting Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

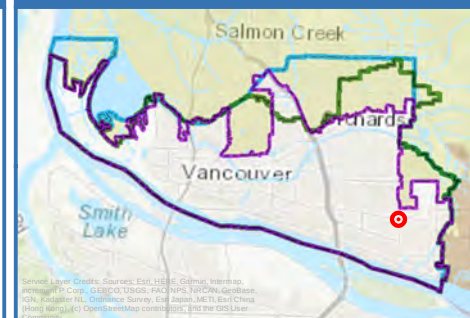
### **Project Description / Comments**

Increase left-turn movement capacity at intersection of 164th Ave/Mill Plain Blvd to improve overall Level of Service.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                     |
|---------------------------------------|---------------------|
| Funding Status:                       | Unfunded            |
| Existing Funds:                       | N/A                 |
| SFS Funds:                            | N/A                 |
| Grant Funds:                          | N/A                 |
| <b>Total Proj. Cost:</b>              | <b>\$500,000.00</b> |
| <b>*Start of Construction (Year):</b> | Unknown             |

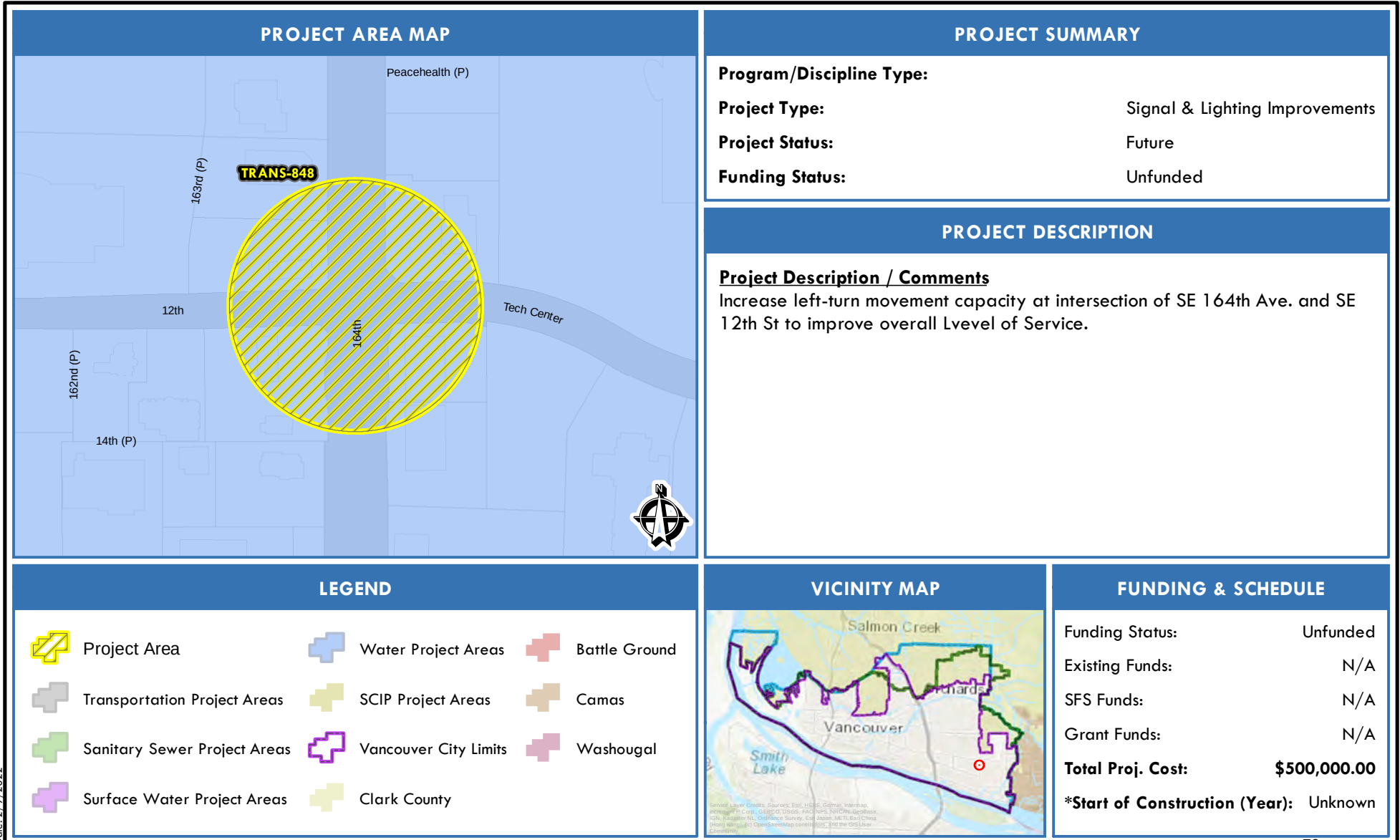


# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **SE 164TH AVENUE AND SE 12TH STREET INTERSECTION IMPROVEMENTS**

PROJECT EXTENT: **SE 164TH AVE.**

TO: **SE 12TH ST.**



Date: 2/9/2022



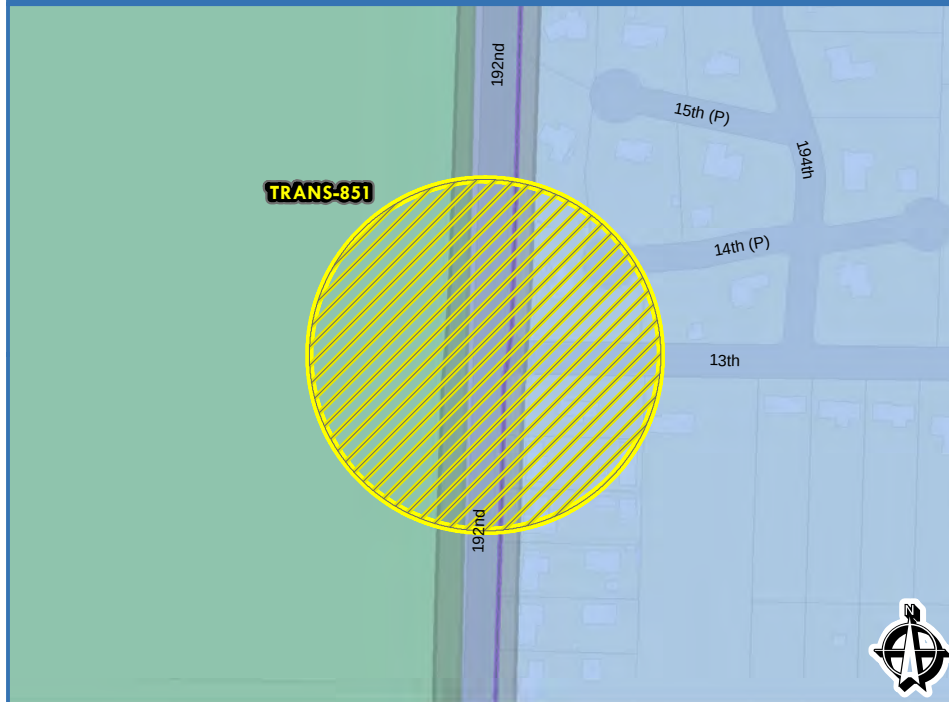
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 192ND AVENUE AND NE 13TH STREET INTERSECTIONS IMPROVEMENTS**

PROJECT EXTENT: **192ND AVE.**

TO: **NE 13TH ST. INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Signal & Lighting Improvements

**Project Status:**

Future

**Funding Status:**

Partially Funded

## PROJECT DESCRIPTION

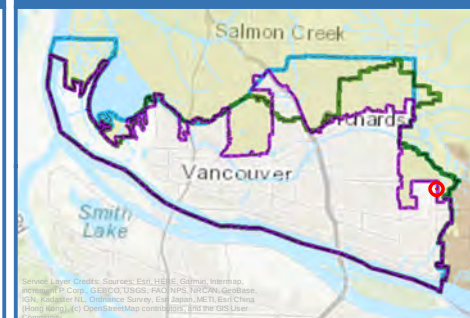
### Project Description / Comments

Improve intersection to current standards to accommodate future growth and improve intersection Level of Service, including capacity, pedestrian and multimodal safety and ADA accessibility.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Partially Funded

Existing Funds: Yes

SFS Funds: No

Grant Funds: No

**Total Proj. Cost: \$400,000.00**

**\*Start of Construction (Year): Unknown**





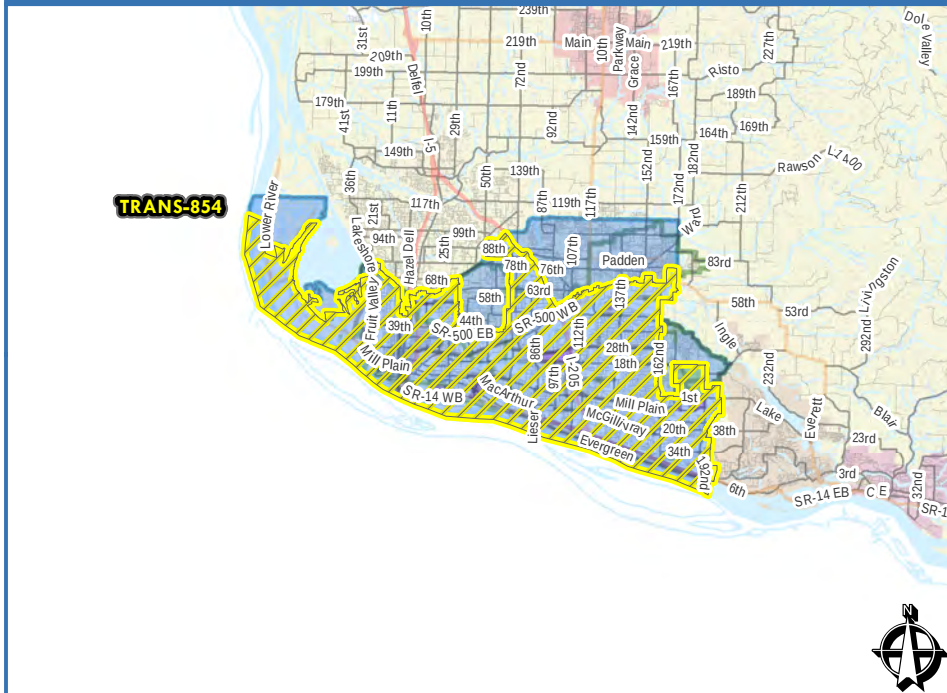
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **TRANSPORTATION SYSTEM PLAN (TSP) UPDATE**

PROJECT EXTENT: **CITYWIDE**

TO:

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

In Design

**Funding Status:**

Funded

## PROJECT DESCRIPTION

### Project Description / Comments

Comprehensive update to the Transportation System Plan (TSP). Last update was 2004.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                       |
|---------------------------------------|-----------------------|
| Funding Status:                       | Funded                |
| Existing Funds:                       | Yes                   |
| SFS Funds:                            | Yes                   |
| Grant Funds:                          | No                    |
| <b>Total Proj. Cost:</b>              | <b>\$1,500,000.00</b> |
| <b>*Start of Construction (Year):</b> | <b>2020</b>           |

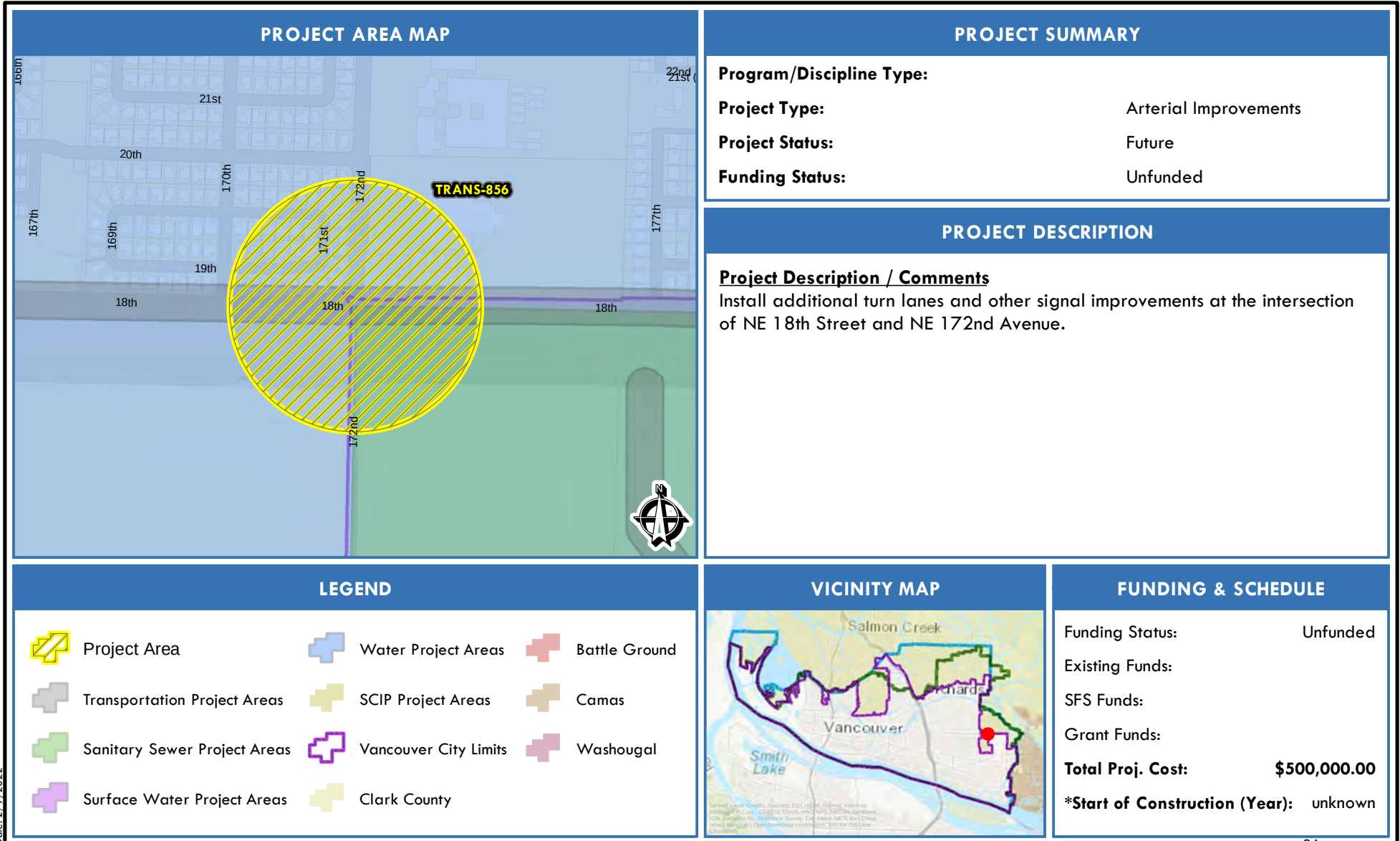


# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 18TH ST. AND NE 172ND AVE. INTERSECTION IMPROVEMENTS**

PROJECT EXTENT: **NE 18TH ST.**

TO: **NE 172ND AVE. INTERSECTION**



Date: 2/9/2022



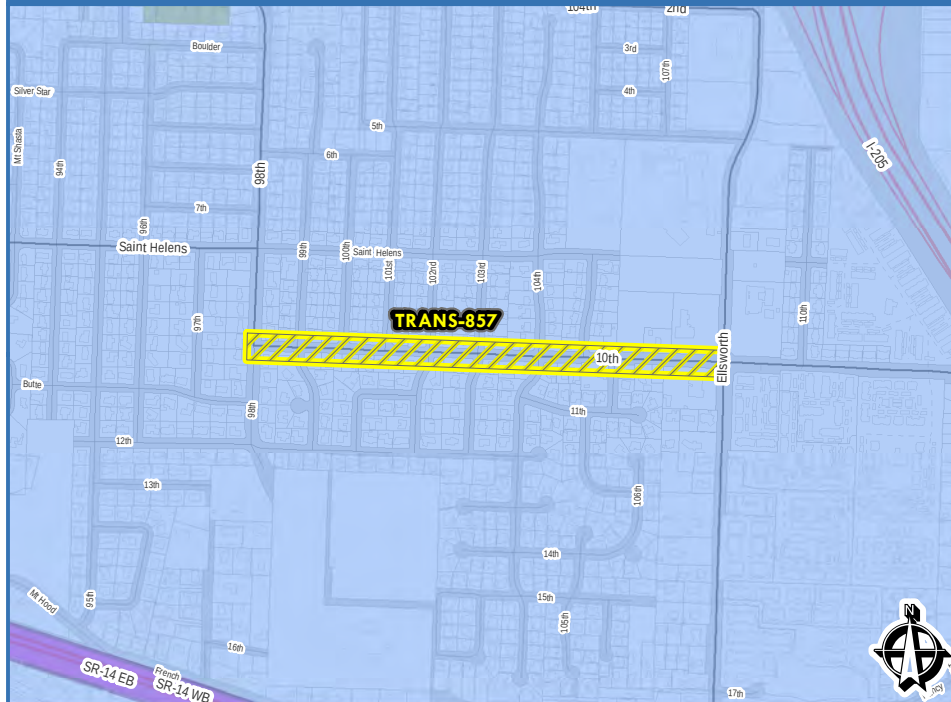
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **SE 10TH STREET SIDEWALKS - SE 98TH AVENUE TO SE ELLSWORTH RD.**

PROJECT EXTENT: **SE 98TH AVE.**

TO: **SE ELLSWORTH RD.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

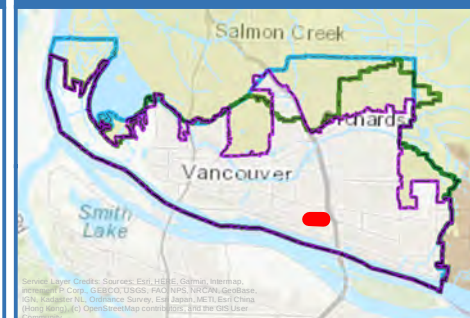
### **Project Description / Comments**

Install sidewalks and ADA ramps along SE 10th Street from SE 98th Avenue to Ellsworth Road, including on the north side between Ellsworth Rd. and I-205.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds:

SFS Funds:

Grant Funds:

**Total Proj. Cost: \$1,500,000.00**

**\*Start of Construction (Year): unknown**



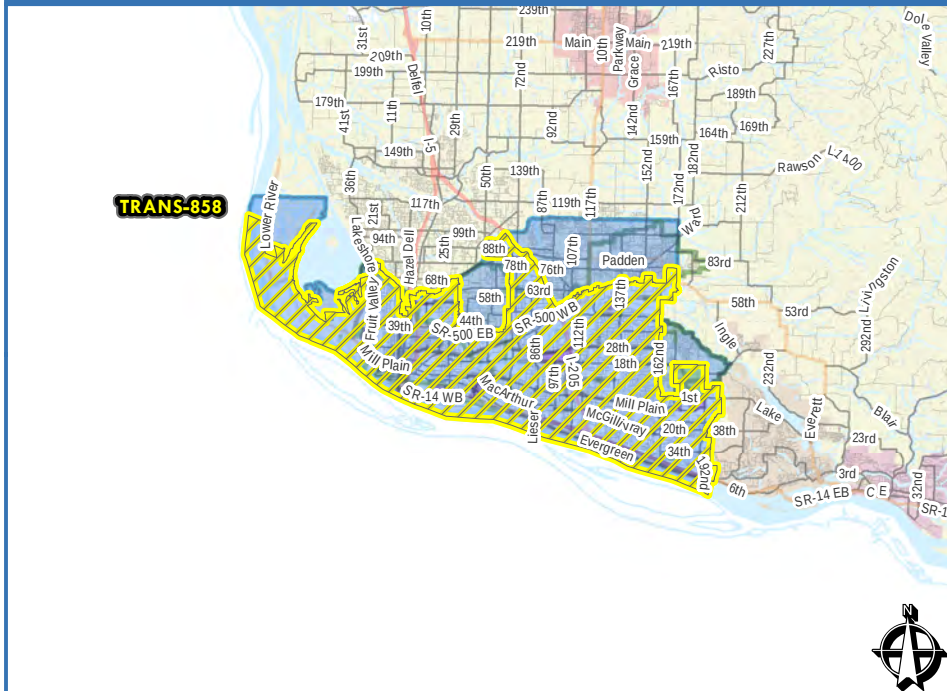
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **CITYWIDE TRANSPORTATION DEMAND MANAGEMENT PROGRAM**

PROJECT EXTENT: **CITY WIDE**

TO:

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

On Hold

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

### Project Description / Comments

New program to be implemented City-wide that encourages modes of travel other than single occupant vehicles. This includes: bicycle, pedestrian, transit, carpool, rideshare, etc.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds:

SFS Funds: Potential

Grant Funds: Potential

**Total Proj. Cost: \$290,000.00**

**\*Start of Construction (Year):**





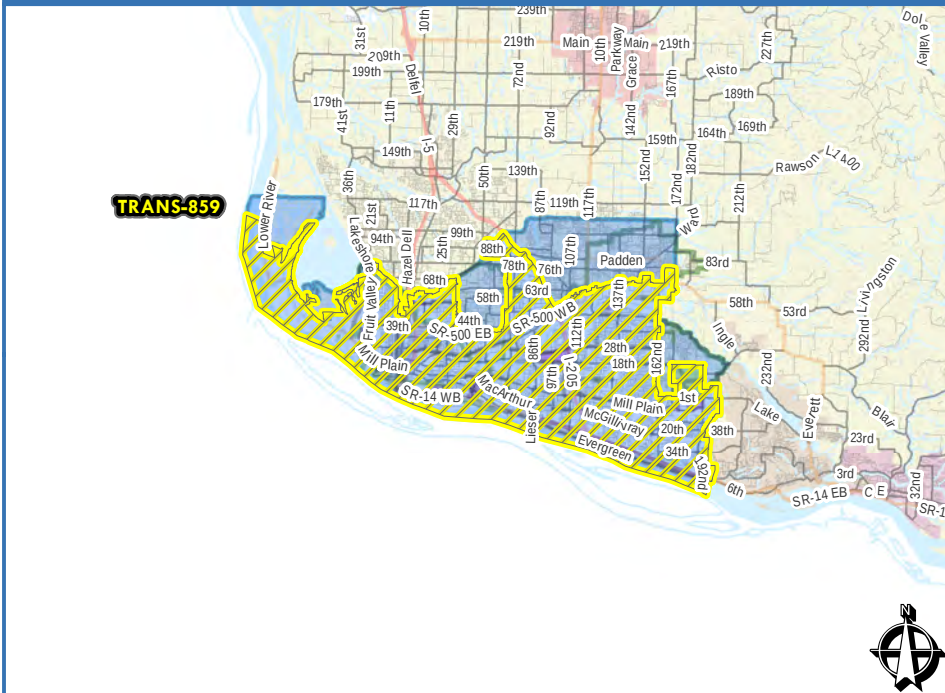
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **SIDEWALK MANAGEMENT PROGRAM**

PROJECT EXTENT: **CITYWIDE**

TO:

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Ongoing

**Funding Status:**

Partially Funded

## PROJECT DESCRIPTION

### Project Description / Comments

Program manages all sidewalks/ADA curb ramps within the City limits. Includes notification and assistance to land owners to correct sidewalk/ADA curb ramp deficiencies along their property frontage. Program is budgeted for \$500,000 annually.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                     |
|---------------------------------------|---------------------|
| Funding Status:                       | Partially Funded    |
| Existing Funds:                       | No                  |
| SFS Funds:                            | Yes                 |
| Grant Funds:                          | No                  |
| <b>Total Proj. Cost:</b>              | <b>\$500,000.00</b> |
| <b>*Start of Construction (Year):</b> | <b>2017</b>         |



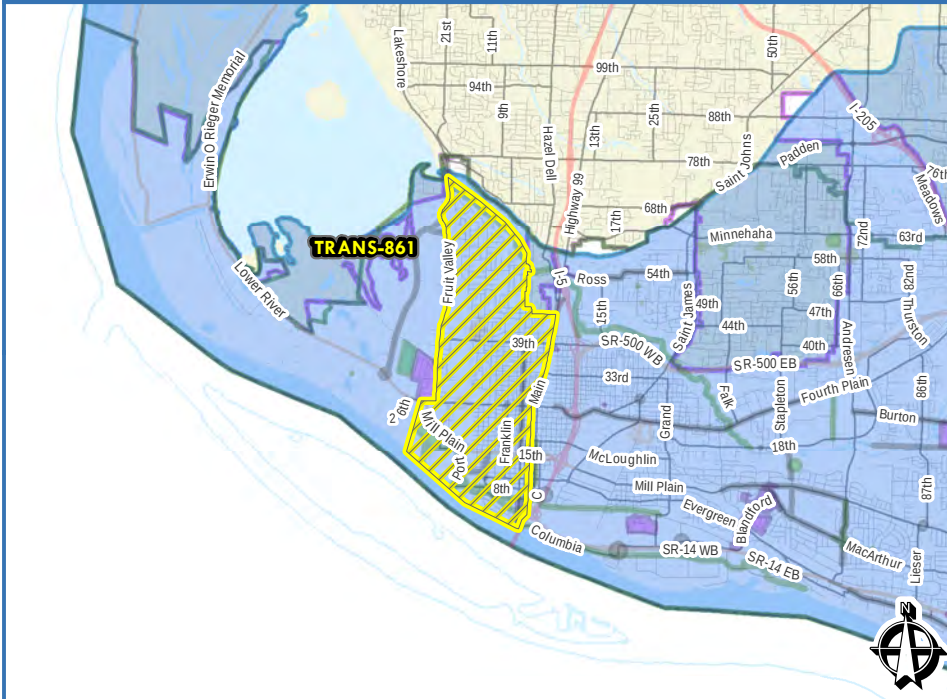
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **WESTSIDE BIKE MOBILITY - PHASE I**

PROJECT EXTENT: **DOWNTOWN**

TO:

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Pending Funding

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

### Project Description / Comments

First phase of implementation will be focused on the Columbia corridor. Projects to also include traffic calming, bicycle and pedestrian improvements. TRANS-904 is a related stand-alone project to accomplish part of this first phase. Implementation of other routes will occur later.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                       |
|---------------------------------------|-----------------------|
| Funding Status:                       | Unfunded              |
| Existing Funds:                       | Potential             |
| SFS Funds:                            | Potential             |
| Grant Funds:                          | Potential             |
| <b>Total Proj. Cost:</b>              | <b>\$1,000,000.00</b> |
| <b>*Start of Construction (Year):</b> | <b>2021</b>           |



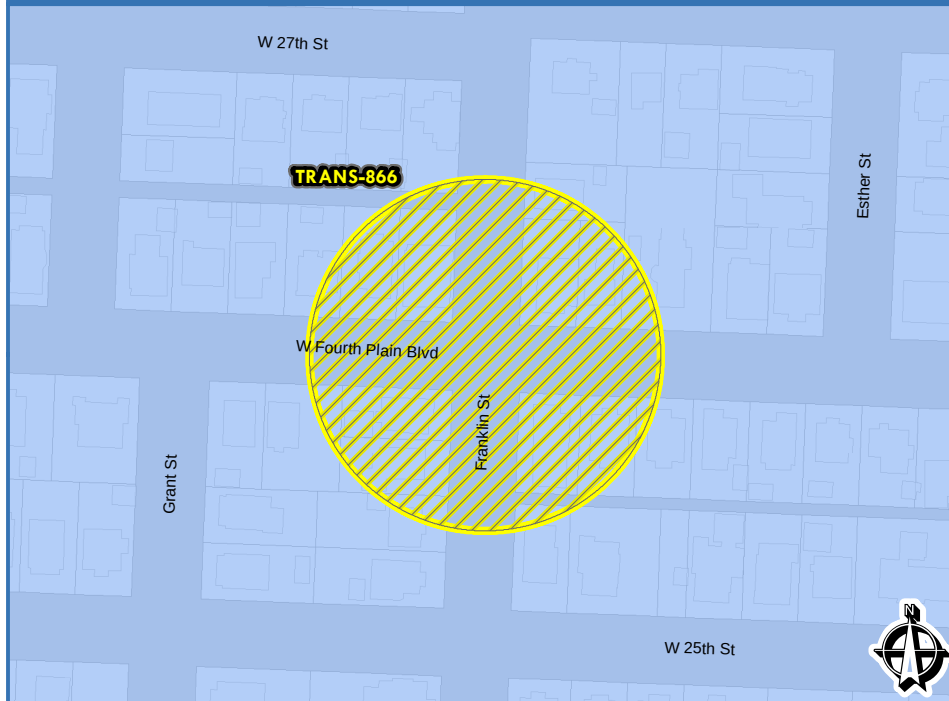
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **W. FOURTH PLAIN BOULEVARD AND FRANKLIN STREET INTERSECTION IMPROVEMENTS**

PROJECT EXTENT: **W. FOURTH PLAIN BLVD.**

TO: **FRANKLIN ST. INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Signal & Lighting Improvements

**Project Status:**

Active

**Funding Status:**

Funded

## PROJECT DESCRIPTION

### **Project Description / Comments**

Install a signal at W. Fourth Plain Blvd. and Franklin Street as well as associated civil roadway improvements.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                          |                     |
|--------------------------|---------------------|
| Funding Status:          | Funded              |
| Existing Funds:          | Potential           |
| SFS Funds:               | Potential           |
| Grant Funds:             | No                  |
| <b>Total Proj. Cost:</b> | <b>\$350,000.00</b> |

**\*Start of Construction (Year):**



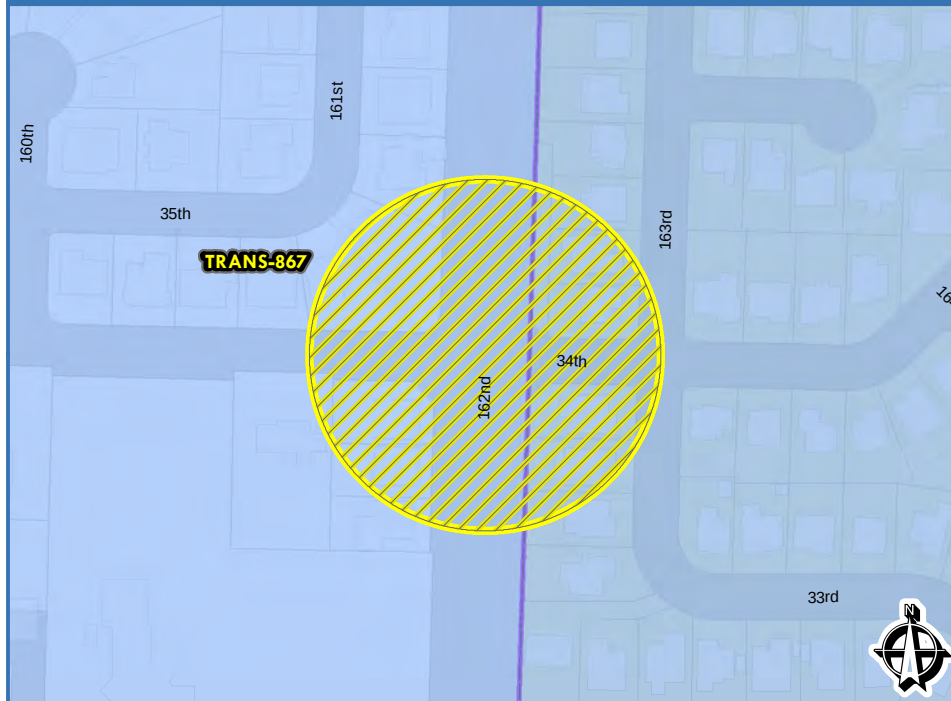
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 164TH AVENUE AND NE 34TH STREET IMPROVEMENTS**

PROJECT EXTENT: **162ND AVE.**

TO: **NE 34TH ST. INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Signal & Lighting Improvements

**Project Status:**

On Hold

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

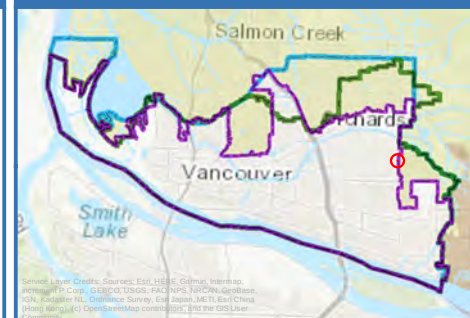
### **Project Description / Comments**

Install a signal at NE 164th Avenue and 34th Street as well as associated civil roadway improvements.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: Potential

SFS Funds: Potential

Grant Funds: No

**Total Proj. Cost: \$350,000.00**

**\*Start of Construction (Year):**





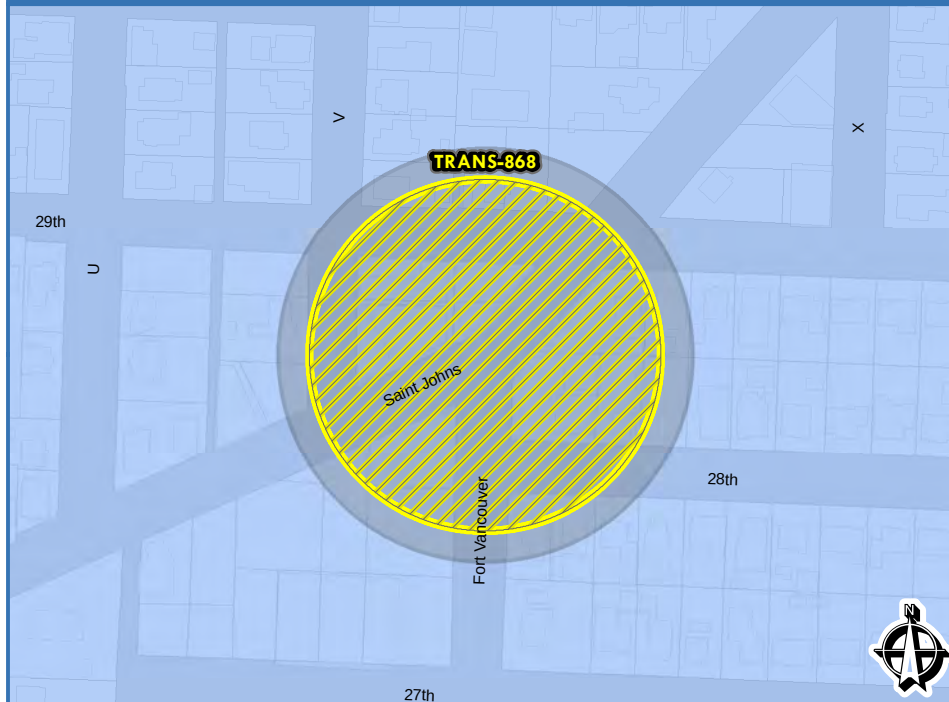
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **ST. JOHNS BLVD. AND FORT VANCOUVER WAY INTERSECTION IMPROVEMENTS**

PROJECT EXTENT: **ST. JOHNS BLVD.**

TO: **FORT VANCOUVER WAY INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Signal & Lighting Improvements

**Project Status:**

On Hold

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

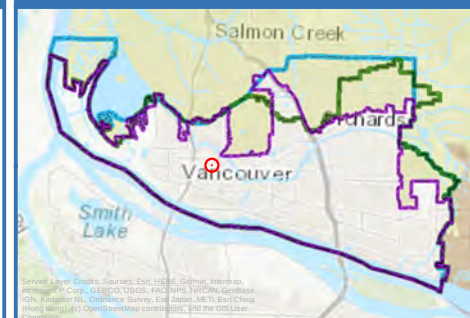
### **Project Description / Comments**

Install a signal at St. Johns Boulevard and Fort Vancouver Way as well as associated civil roadway improvements.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                          |                     |
|--------------------------|---------------------|
| Funding Status:          | Unfunded            |
| Existing Funds:          | Potential           |
| SFS Funds:               | Potential           |
| Grant Funds:             | No                  |
| <b>Total Proj. Cost:</b> | <b>\$350,000.00</b> |

**\*Start of Construction (Year):**



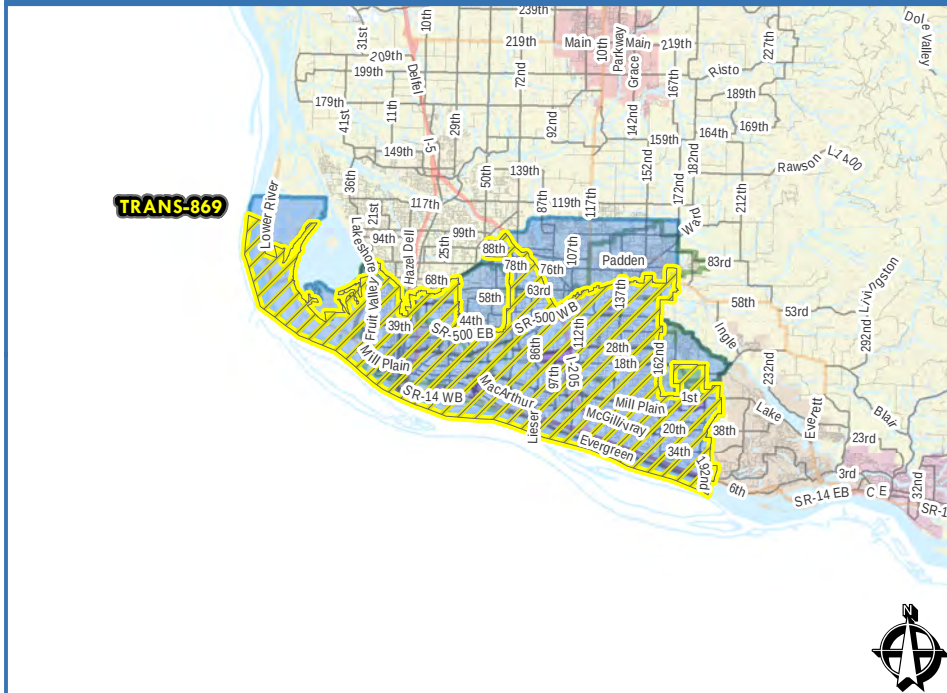
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **ANNUAL ARTERIAL STREET LIGHT PROGRAM**

PROJECT EXTENT: **CITYWIDE**

TO:

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Signal & Lighting Improvements

**Project Status:**

On Hold

**Funding Status:**

Funded

## PROJECT DESCRIPTION

### Project Description / Comments

Program to install new street lights, including all fixtures and power, and replace old street lights citywide. This program is different than TRANS-853 which is intended to upgrade bulbs only.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

**Funding Status:**

Funded

**Existing Funds:**

**SFS Funds:**

**Grant Funds:**

**Total Proj. Cost:**

**\*Start of Construction (Year):**



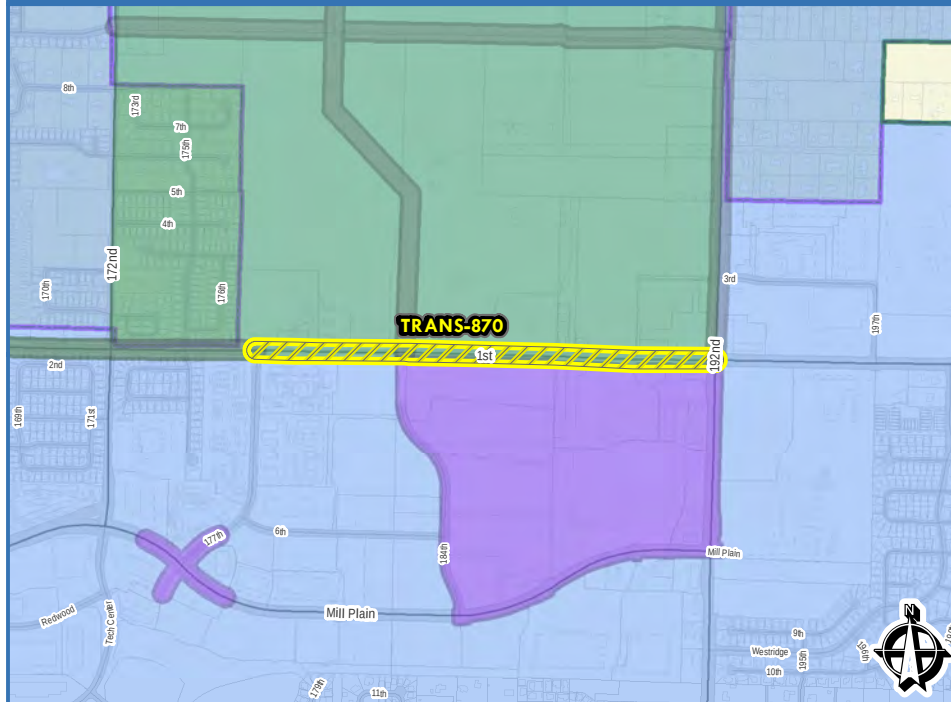
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **SE 1ST ST. - SE 177TH AVE. TO SE 192ND AVE.**

PROJECT EXTENT: **SE 177TH AVE.**

TO: **SE 192ND AVE.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

In Design

**Funding Status:**

Partially Funded

## PROJECT DESCRIPTION

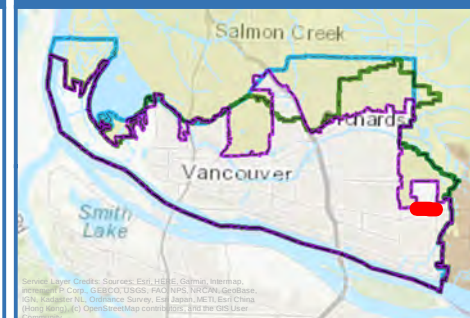
### Project Description / Comments

Urban arterial upgrade of existing 2-lane rural road to increase safety, mobility and livability, and meet future subarea needs. Roadway cross section includes roundabouts and transition to a 5-lane section. Improvements include sidewalks, ADA ramps, bike facilities, stormwater, and streetlights. Cost estimates shown here are only for this east section of SE 1st St. Anticipated funding of east portion (SE 177th Ave. To SE 192nd Ave.) by developer contributions, local funds and potential grants. Existing cost estimate to construct is \$10M, with utility relocation costs still to be determined. For details on the west section (SE 1st St. - SE 164th Ave. to SE 177th Ave.) see TRANS-268. City portion of Total Project Cost is \$10 Million. Developer contributions for ROW total \$2 million.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                        |
|---------------------------------------|------------------------|
| Funding Status:                       | Partially Funded       |
| Existing Funds:                       | Potential              |
| SFS Funds:                            | Potential              |
| Grant Funds:                          | Potential              |
| <b>Total Proj. Cost:</b>              | <b>\$11,000,000.00</b> |
| <b>*Start of Construction (Year):</b> | <b>2022</b>            |





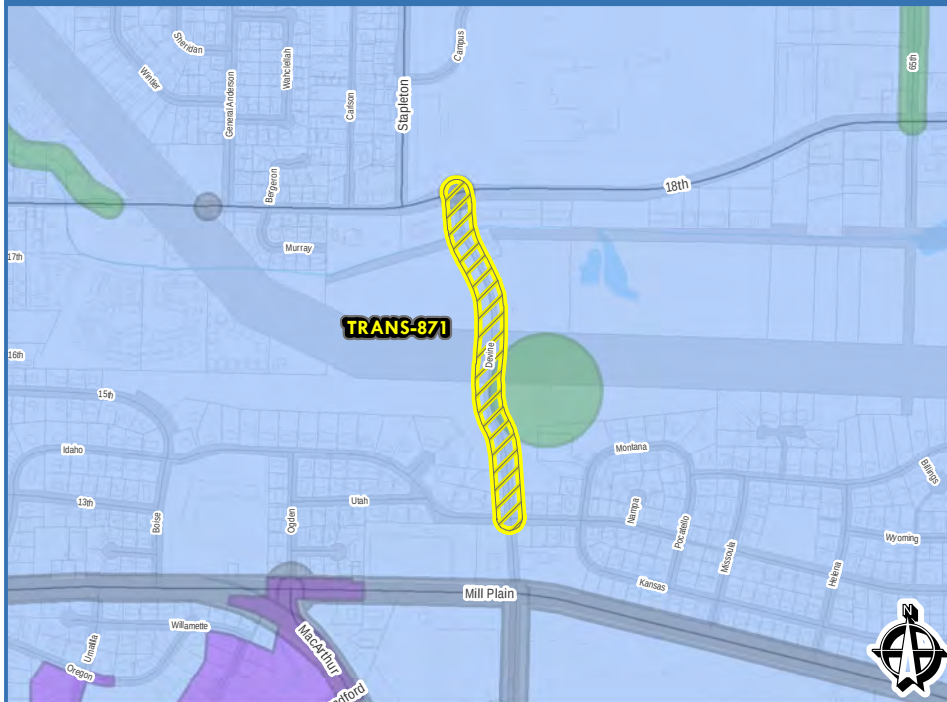
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **N. DEVINE SIDEWALK IMPROVEMENTS – N. IDAHO ST. TO NE 18TH ST.**

PROJECT EXTENT: **E. MILL PLAIN BLVD.**

TO: **E. 18TH ST.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Active

**Funding Status:**

Funded

## PROJECT DESCRIPTION

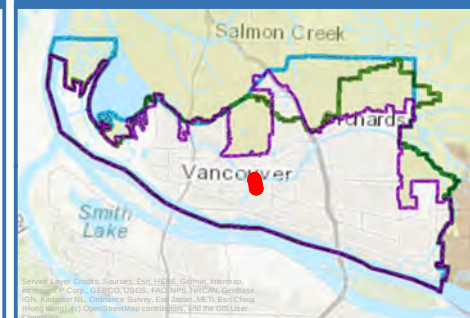
### Project Description / Comments

Install a safe, accessible and continuous pedestrian facility on N. Devine Rd. between N Idaho St. and E 18th St. Install a new rapid flashing beacon, ADA curb ramps, and lighting improvements at Devine and Idaho in 2021. Remaining improvements to be constructed in 2022. Devine/Idaho improvements are funded by a grant from the Washington Traffic Safety Commission. The Devine/Idaho improvements are part of the larger Devine Road Safety Improvement project. The larger Devine Road Safety Improvement project is scheduled to be installed in 2022, and funded through grants from the State of Washington bicycle and pedestrian safety program, and the State Transportation Improvement Board sidewalk program).

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                       |
|---------------------------------------|-----------------------|
| Funding Status:                       | Funded                |
| Existing Funds:                       | Potential             |
| SFS Funds:                            | Potential             |
| Grant Funds:                          | Yes                   |
| <b>Total Proj. Cost:</b>              | <b>\$1,100,000.00</b> |
| <b>*Start of Construction (Year):</b> | <b>2022</b>           |





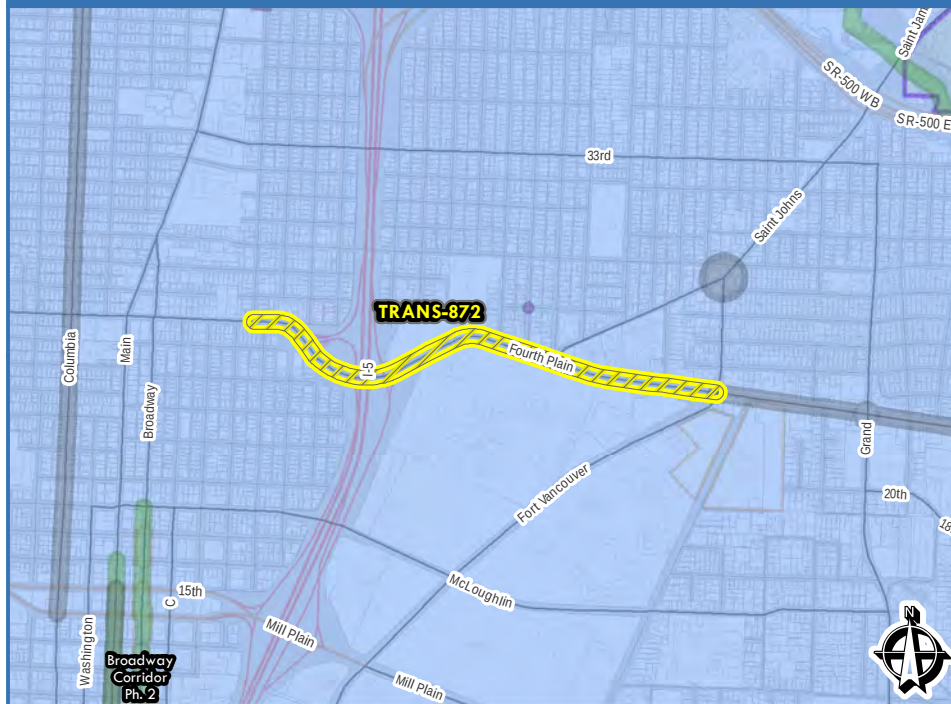
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE FOURTH PLAIN BLVD. SAFETY IMPROVEMENTS - F ST. TO FT. VANCOUVER WAY**

PROJECT EXTENT: **F ST.**

TO: **FT. VANCOUVER WAY**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Active

**Funding Status:**

Funded

## PROJECT DESCRIPTION

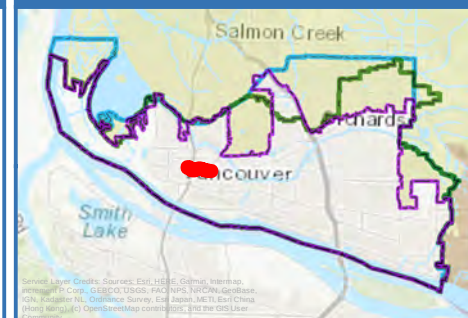
### **Project Description / Comments**

Project to improve safety by narrowing Fourth Plain, scheduled for 2022. Install pedestrian and bicycle enhancements along the corridor. Goal is to improve safety and mobility along the corridor for all users. Project is funded with \$800K grant funding.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                          |                     |
|--------------------------|---------------------|
| Funding Status:          | Funded              |
| Existing Funds:          | No                  |
| SFS Funds:               | Yes                 |
| Grant Funds:             | Yes                 |
| <b>Total Proj. Cost:</b> | <b>\$900,000.00</b> |

**\*Start of Construction (Year):**



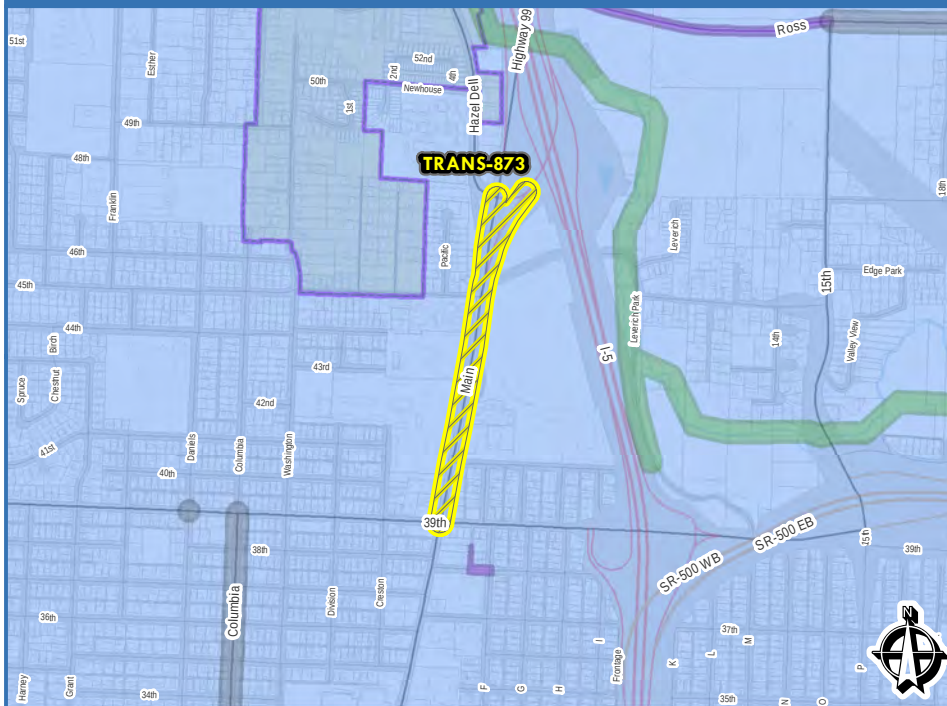
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **MAIN STREET SAFETY IMPROVEMENTS FROM E. 39TH ST. TO NE HAZEL DELL AVE.**

PROJECT EXTENT: **E. 39TH ST.**

TO: **NE HAZEL DELL AVE.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Active

**Funding Status:**

Partially Funded

## PROJECT DESCRIPTION

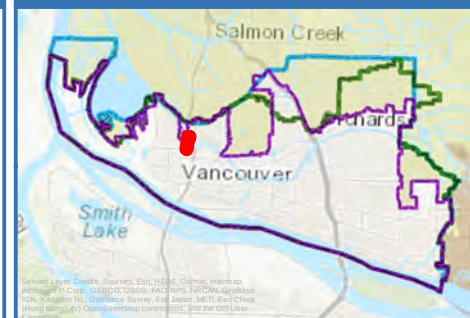
### Project Description / Comments

Traffic analysis and public outreach process to identify potential safety and mobility improvements. The project will identify safety improvements along upper Main Street in preparation for the Highway 99 BRT project.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                     |
|---------------------------------------|---------------------|
| Funding Status:                       | Partially Funded    |
| Existing Funds:                       | Potential           |
| SFS Funds:                            | Potential           |
| Grant Funds:                          | Potential           |
| <b>Total Proj. Cost:</b>              | <b>\$300,000.00</b> |
| <b>*Start of Construction (Year):</b> | <b>2022</b>         |







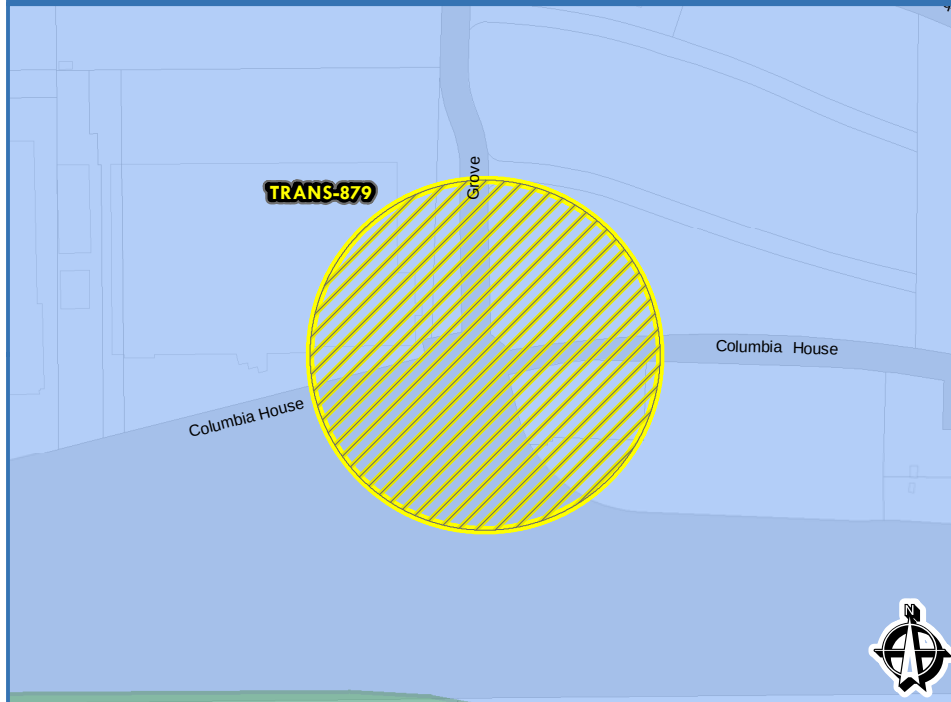
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **COLUMBIA HOUSE BLVD. AND GROVE ST. SIGNAL UPGRADE**

PROJECT EXTENT: **COLUMBIA HOUSE BLVD.**

TO: **GROVE ST. INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Signal & Lighting Improvements

**Project Status:**

On Hold

**Funding Status:**

Partially Funded

## PROJECT DESCRIPTION

### **Project Description / Comments**

This project will add a dedicated northbound right-turn lane on the westbound off-ramp; and add a second westbound through lane.

-Reconstruct ADA ramps and move signal poles as necessary.

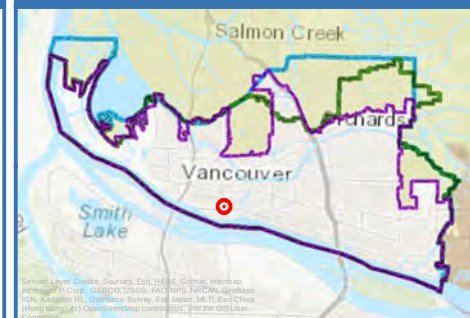
-Striping and signalization changes as necessary.

-Funded by proportionate share program.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Partially Funded

Existing Funds: No

SFS Funds: No

Grant Funds: No

**Total Proj. Cost: \$400,000.00**

**\*Start of Construction (Year): unknown**

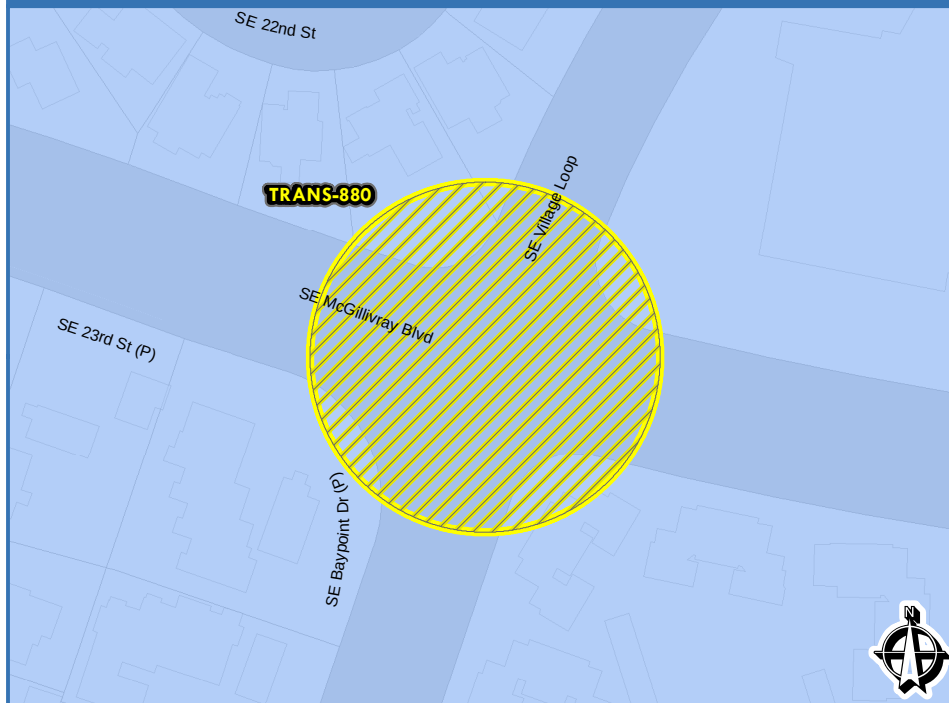


# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **MCGILLIVRAY AND VILLAGE LOOP DRIVE NEW SIGNAL**

PROJECT EXTENT: **INTERSECTION OF MCGILLIVRAY AND VILLAGE LOOP DRIVE**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Signal & Lighting Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

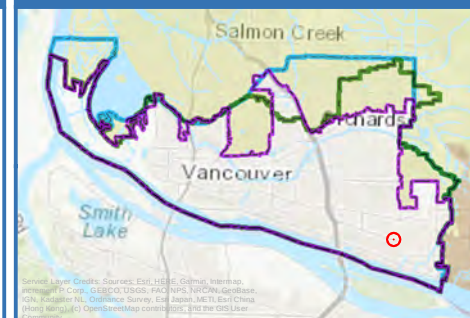
### Project Description / Comments

New signal at current four way stop controlled intersection. The project includes removal of the stop signs and center concrete medians and installation of a traffic signal with left turn lanes.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds:

SFS Funds:

Grant Funds:

**Total Proj. Cost: \$400,000.00**

**\*Start of Construction (Year): unknown**



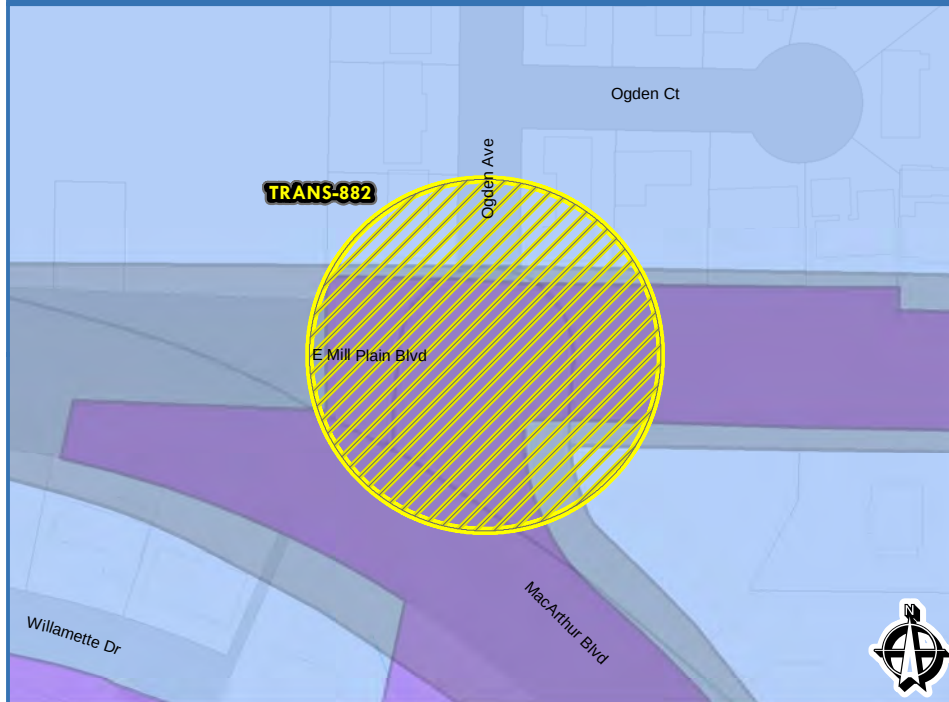
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **MACARTHUR BLVD AND E. MILL PLAIN BLVD. MULTIMODAL IMPROVEMENTS**

PROJECT EXTENT: **MACARTHUR BLVD.**

TO: **E. MILL PLAIN BLVD. INTERSECTOIN**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Active

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

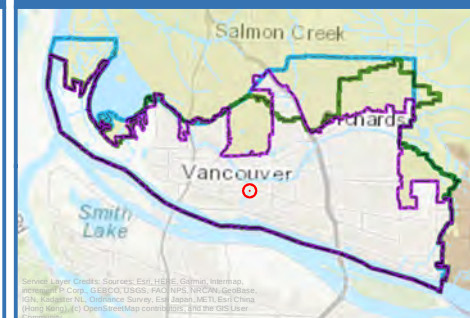
### **Project Description / Comments**

Project will close the southbound right hand slip lane from Mill Plain Boulevard to MacArthur Boulevard to make bike access only. Project will also add protected bike lanes on E. Mill Plain Boulevard between Brandt Road and MacArthur Boulevard. Project widens southwest corner of Mill Plain Blvd. and MacArthur Blvd. to accommodate driver right turns and associated signal modifications.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                     |
|---------------------------------------|---------------------|
| Funding Status:                       | Unfunded            |
| Existing Funds:                       |                     |
| SFS Funds:                            |                     |
| Grant Funds:                          | Yes                 |
| <b>Total Proj. Cost:</b>              | <b>\$300,000.00</b> |
| <b>*Start of Construction (Year):</b> | <b>2021</b>         |



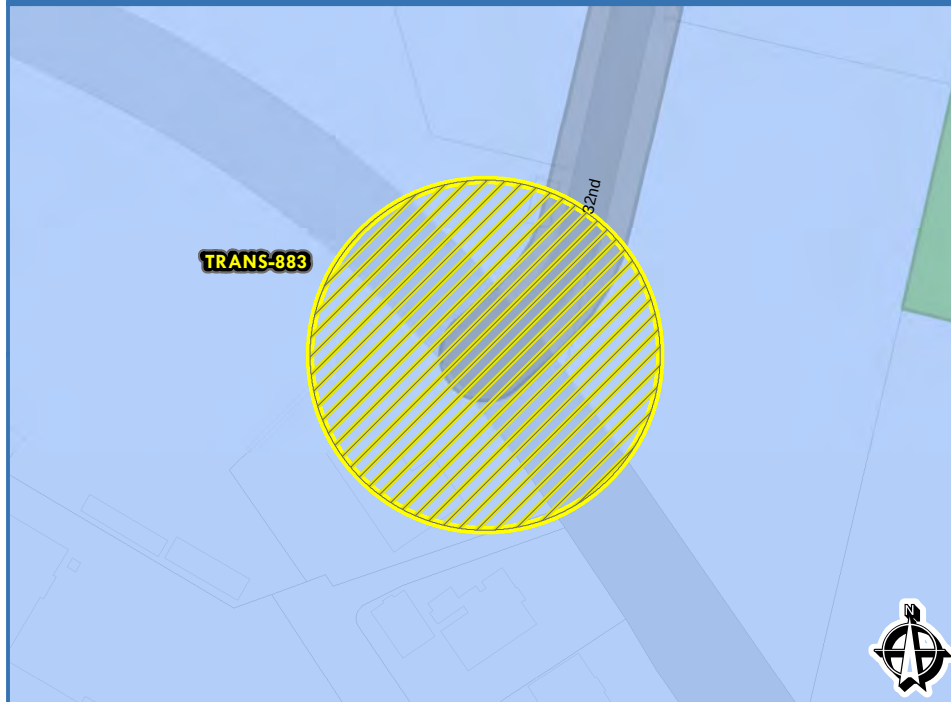
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NW 32ND AVE./LOWER RIVER RD. ROUNDABOUT**

PROJECT EXTENT: **NW 32ND AVE.**

TO: **SR501 INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

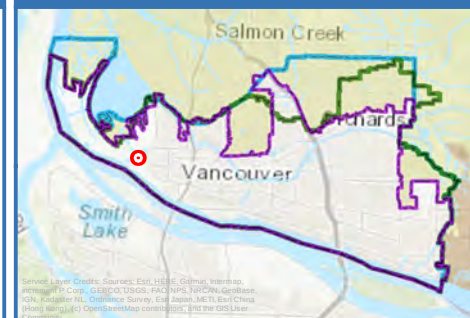
### **Project Description / Comments**

Phase 2 of the NW 32nd Ave. Freight Access project proposes a roundabout at the intersection of SR 501 and NW 32nd Ave. to improve traffic operations.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                       |
|---------------------------------------|-----------------------|
| Funding Status:                       | Unfunded              |
| Existing Funds:                       | No                    |
| SFS Funds:                            | No                    |
| Grant Funds:                          | Potential             |
| <b>Total Proj. Cost:</b>              | <b>\$2,000,000.00</b> |
| <b>*Start of Construction (Year):</b> | unknown               |





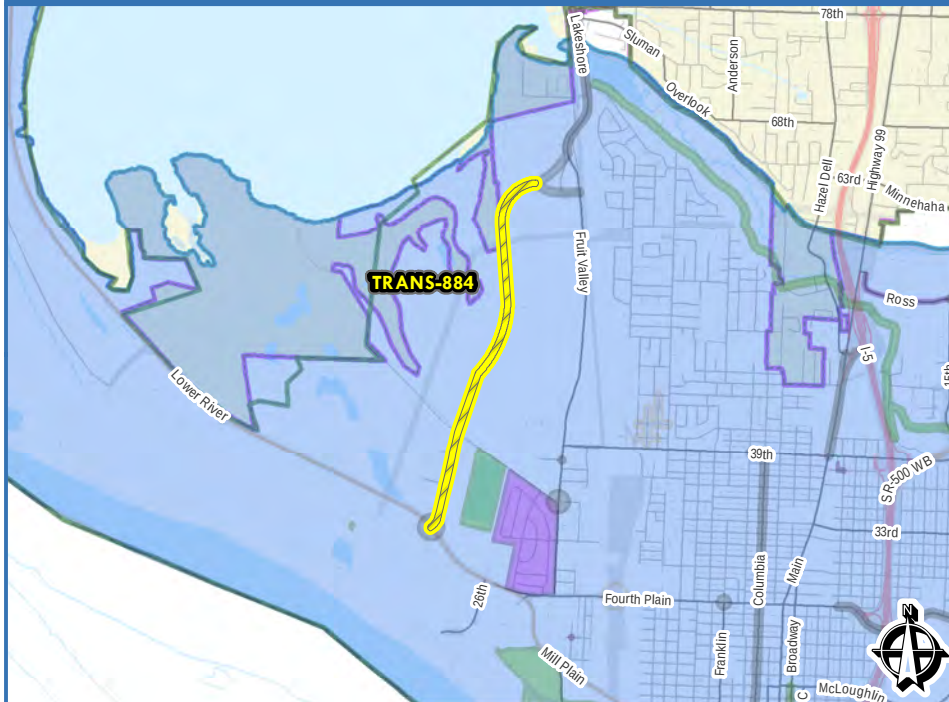
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NW 32ND AVENUE - LOWER RIVER RD. TO NW 61ST ST.**

PROJECT EXTENT: **SR501**

TO: **NW 61ST ST.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

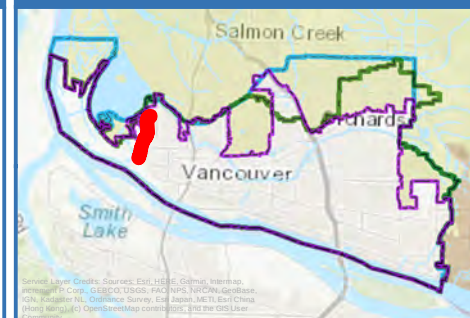
### Project Description / Comments

Phase 5 of the NW 32nd Ave. Freight Access project proposes a new segment that will consist of three travel lanes, bike lanes, planter strips and ADA accessible sidewalks. The sidewalk along the west side of the roadway is 10 feet wide to accommodate a multi-use path facility.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

|                                       |                        |
|---------------------------------------|------------------------|
| Funding Status:                       | Unfunded               |
| Existing Funds:                       | No                     |
| SFS Funds:                            | No                     |
| Grant Funds:                          | Potential              |
| <b>Total Proj. Cost:</b>              | <b>\$64,000,000.00</b> |
| <b>*Start of Construction (Year):</b> | unknown                |





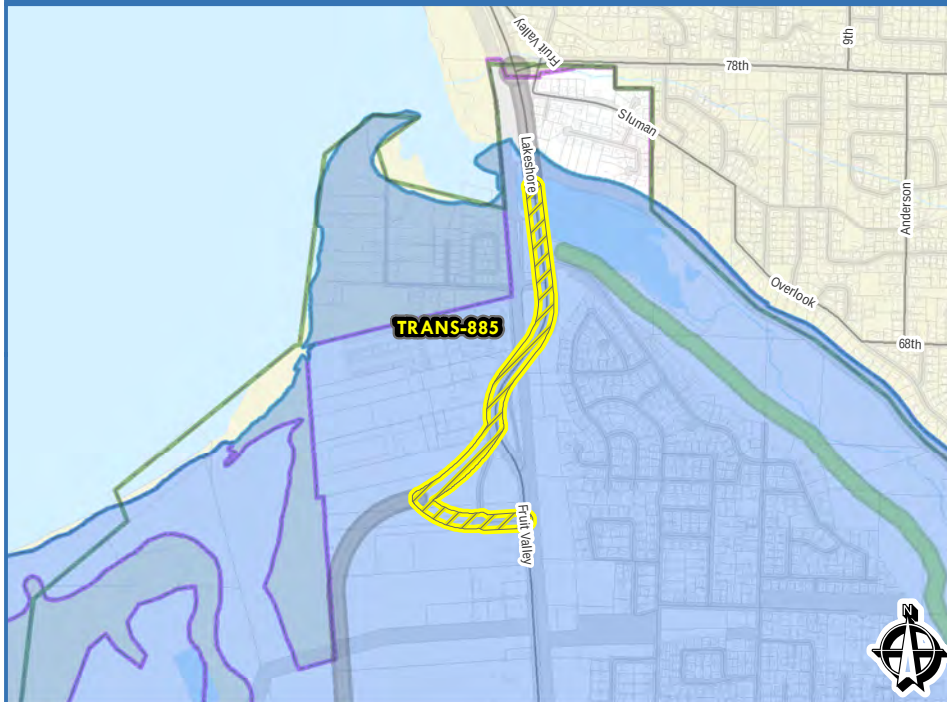
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NW 32ND AVE./FRUIT VALLEY RD. - NW 61ST ST TO BURNT BRIDGE CREEK**

PROJECT EXTENT: **NW 61ST ST.**

TO: **BURNT BRIDGE CREEK**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

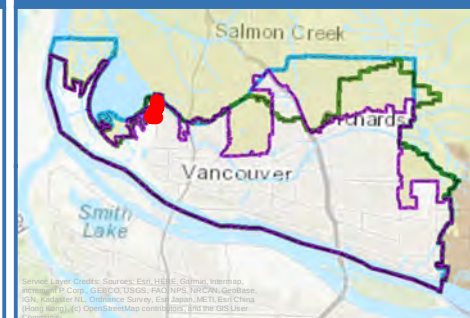
### Project Description / Comments

Phase 4 of the NW 32nd Ave. Freight Access project proposes rebuilding Lakeshore Ave./Fruit Valley Rd. and the existing bridge over the BNSF right-of-way. The cross section will consist of three travel lanes, bike lanes, planter strips and ADA accessible sidewalks. The sidewalk along the west side of the roadway is 10 feet wide to accommodate a multi-use path facility.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds:

SFS Funds:

Grant Funds:

**Total Proj. Cost: \$49,000,000.00**

**\*Start of Construction (Year): unknown**



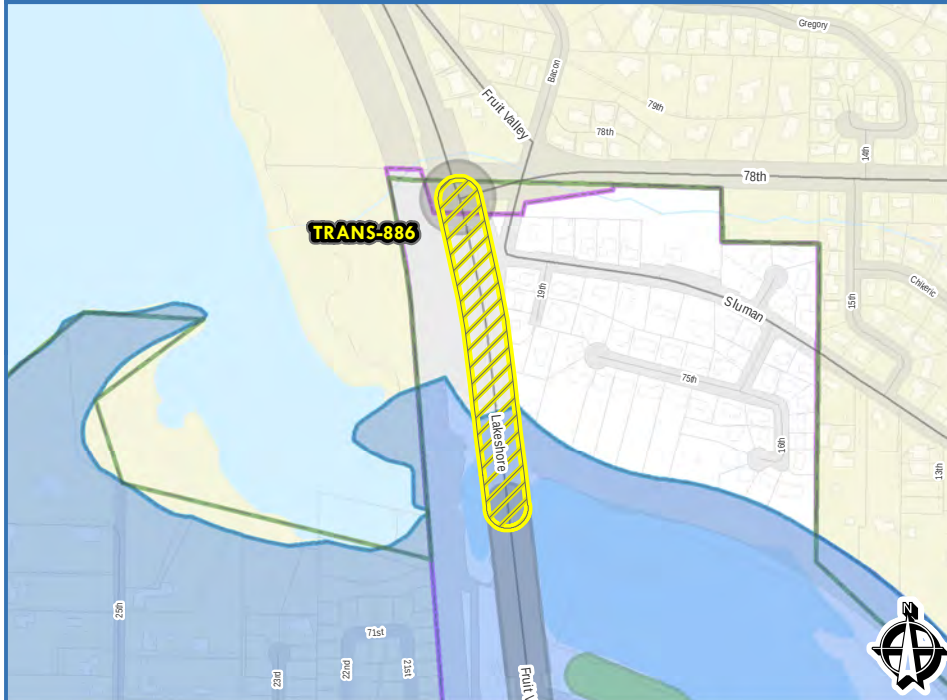
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **FRUIT VALLEY RD. - BURNT BRIDGE CREEK TO NW 78TH ST.**

PROJECT EXTENT: **BURNT BRIDGE CREEK**

TO: **NW LAKESHORE AVE.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

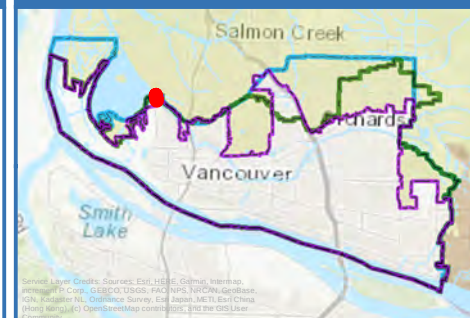
### **Project Description / Comments**

Phase 3 of the NW 32nd Ave. Freight Access project proposes rebuilding Lakeshore Ave./Fruit Valley Rd. to a cross section consisting of three travel lanes, bike lanes, planter strips and ADA accessible sidewalks. The sidewalk along the west side of the roadway is 10 feet wide to accommodate a multi-use path facility.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds:

SFS Funds:

Grant Funds:

**Total Proj. Cost: \$10,000,000.00**

**\*Start of Construction (Year): unknown**



# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NW 78TH STREET/NW LAKESHORE AVE ROUNDABOUT**

PROJECT EXTENT: **NW LAKESHORE AVENUE**

TO: **INTERSECTION WITH NW 78TH ST.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

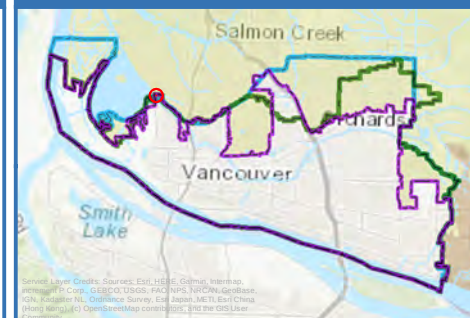
### **Project Description / Comments**

Phase 1 of the NW 32nd Ave. Freight Access project proposes a new roundabout to improve traffic operations at the intersection of NW Lakeshore Ave., NW 78th St., and Fruit Valley Rd.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds:

SFS Funds:

Grant Funds:

**Total Proj. Cost: \$2,000,000.00**

**\*Start of Construction (Year): unknown**



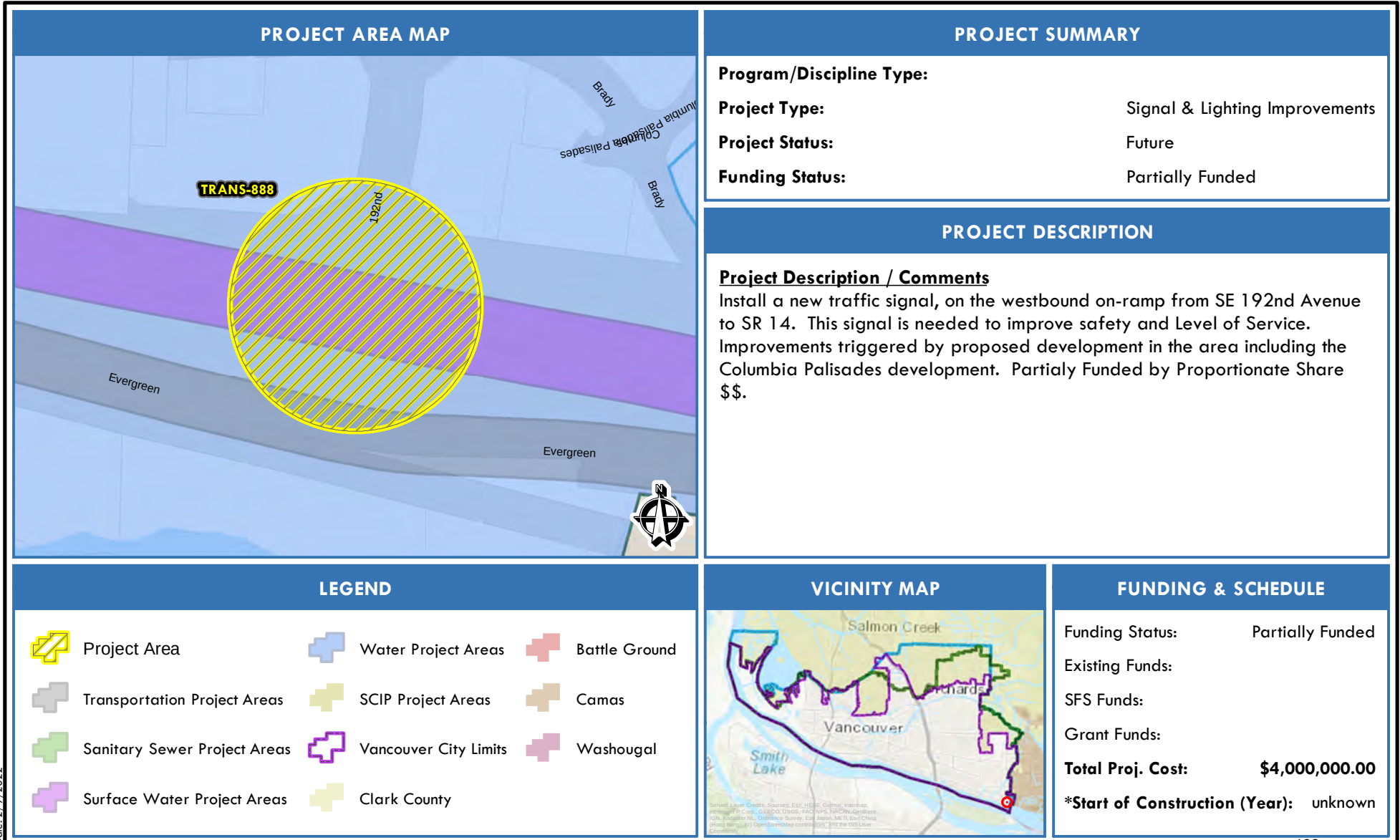


# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **SE 192ND AVE. AND SR 14 INTERCHANGE IMPROVEMENTS**

PROJECT EXTENT: **SE 192ND AVE.**

TO: **SR14 (WESTBOUND) INTERSECTION**





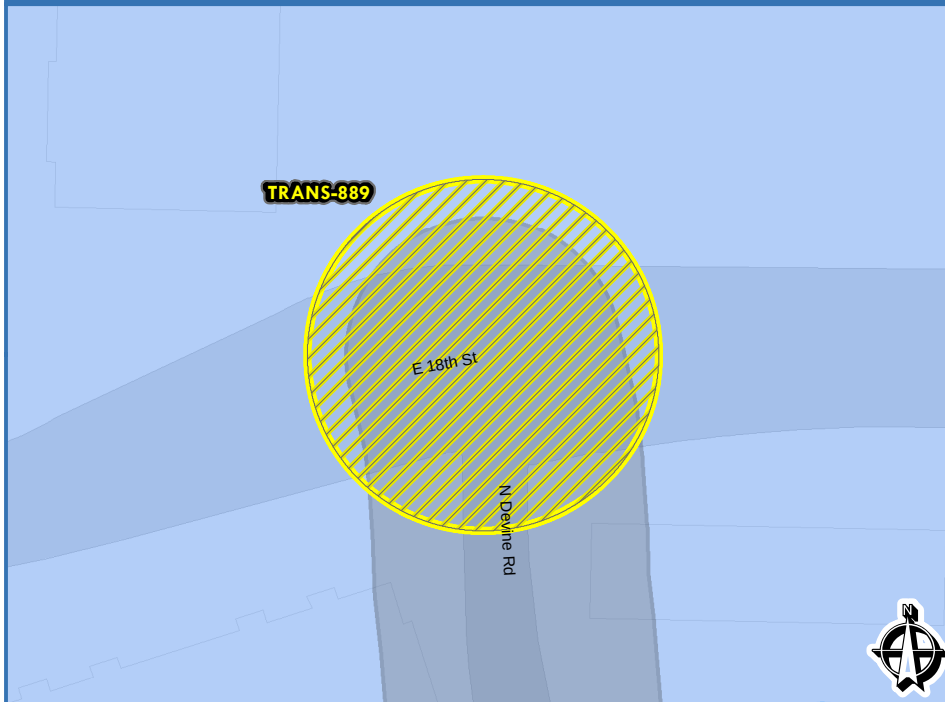
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 18TH ST. AND N. DEVINE RD. ADA IMPROVEMENTS**

PROJECT EXTENT: **NE 18TH ST.**

TO: **N. DEVINE RD. INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Future

**Funding Status:**

Funded

## PROJECT DESCRIPTION

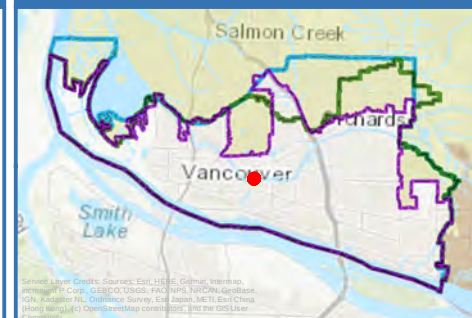
### **Project Description / Comments**

Project improvements for improved ADA access at the intersection of NE 18th St and Devine. Funded through TRANS-844 - Multimodal Safety and Accessibility.

## LEGEND



## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Funded

Existing Funds:

SFS Funds:

Grant Funds:

**Total Proj. Cost: \$500,000.00**

**\*Start of Construction (Year): unknown**



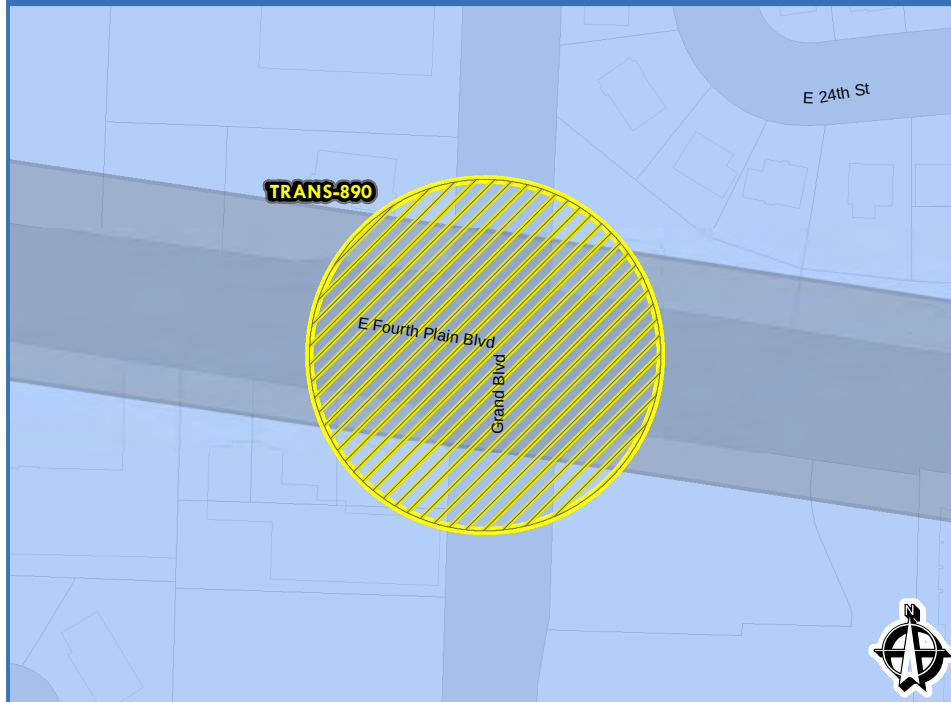
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE FOURTH PLAIN BLVD. AND GRAND BLVD. - PEDESTRIAN IMPROVEMENT SW CORNER**

PROJECT EXTENT: **NE FOURTH PLAIN BLVD.**

TO: **GRAND BLVD. INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

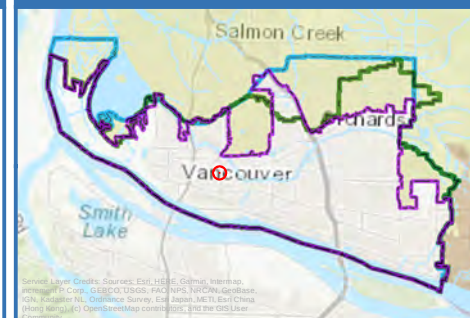
### **Project Description / Comments**

Increase radius of southwest corner to improve pedestrian safety and ADA access, and accommodate truck turns. Project requested by City of Vancouver Traffic Engineering.

## LEGEND



## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds:

SFS Funds:

Grant Funds:

**Total Proj. Cost: \$150,000.00**

**\*Start of Construction (Year): unknown**



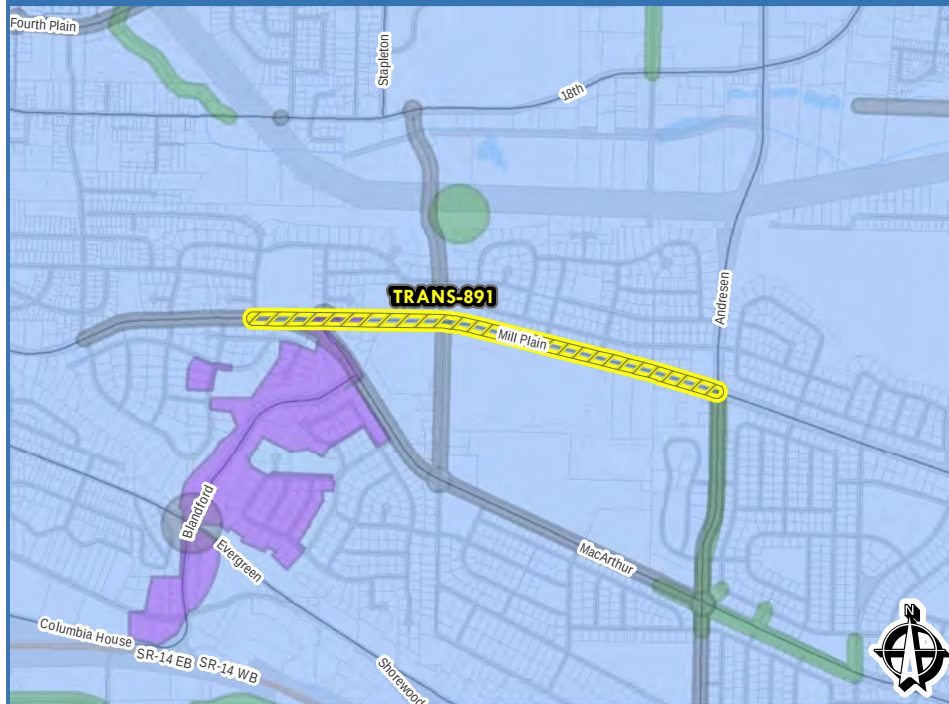
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **E. MILL PLAIN BOULEVARD, BOISE AVE. TO N. ANDRESEN RD.**

PROJECT EXTENT: **BOISE AVE.**

TO: **N. ANDRESEN RD.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

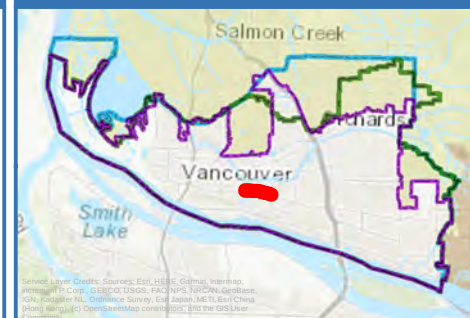
### Project Description / Comments

Heights District Plan recommended roadway changes to improve safety, support multimodal mobility and accommodate future Bus Rapid Transit line. Includes reducing lane widths, adding protected bike facilities, improving sidewalks, adding planter strips, and adding and/or improving ADA access and pedestrian crossings at Ogden, Missoula and Helena.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds:

SFS Funds:

Grant Funds:

**Total Proj. Cost: \$10,000,000.00**

**\*Start of Construction (Year): unknown**





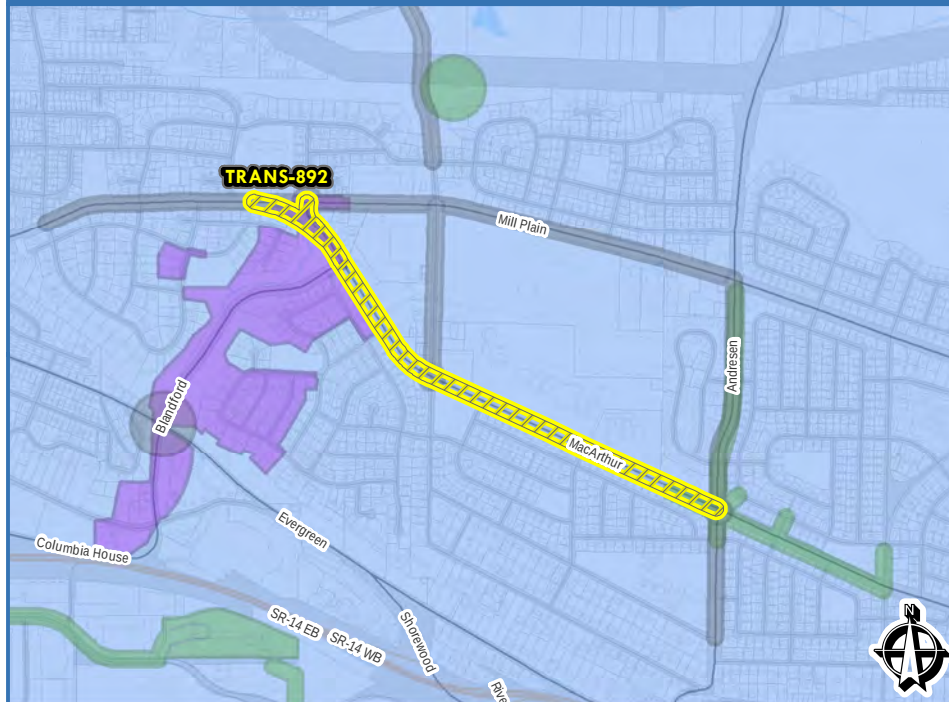
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **MACARTHUR BOULEVARD, E. MILL PLAIN BLVD. TO N. ANDRESEN RD.**

PROJECT EXTENT: **E. MILL PLAIN BLVD.**

TO: **N. ANDRESEN RD.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

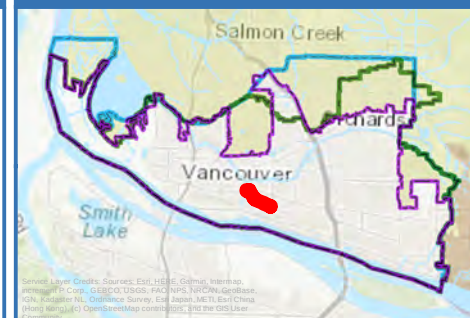
### **Project Description / Comments**

Heights District Plan recommended roadway changes to improve safety, support multi-modal mobility, and add a linear greenbelt. Includes moving vehicle travel to the east side of the median and converting the west side to separated bicycle and pedestrian facilities, and open space. Will include improved ADA access and pedestrian crossings at Blandford, Phoenix, Texas and Burdick.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

**Funding Status:** Unfunded

**Existing Funds:**

**SFS Funds:**

**Grant Funds:**

**Total Proj. Cost:** \$15,000,000.00

**\*Start of Construction (Year):** unknown





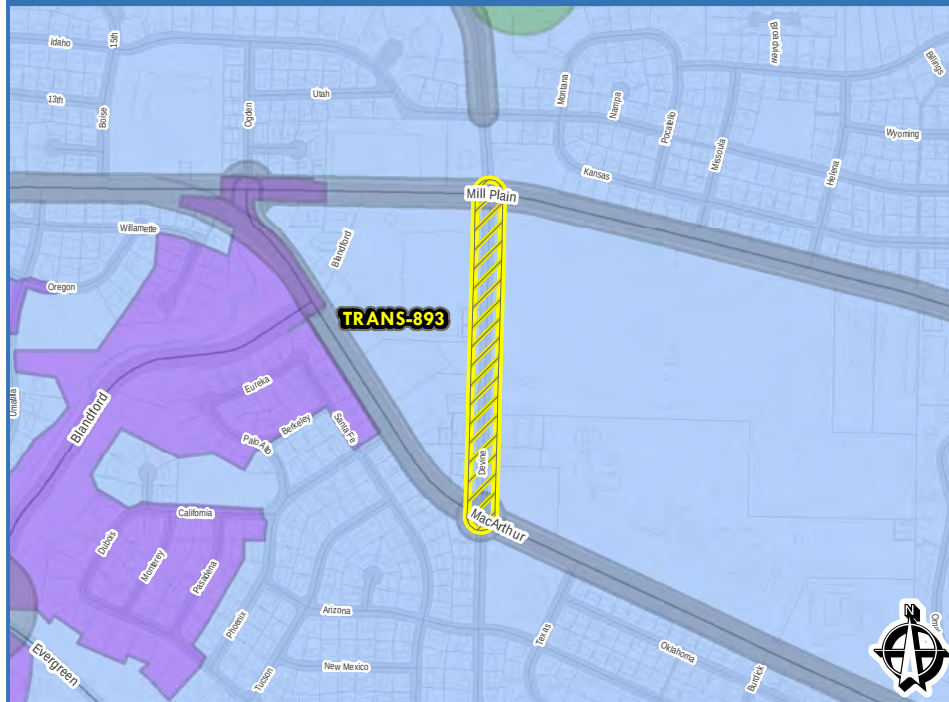
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **N. DEVINE RD. - E. MILL PLAIN BLVD. TO MACARTHUR BLVD.**

PROJECT EXTENT: **E. MILL PLAIN BLVD.**

TO: **MACARTHUR BLVD.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

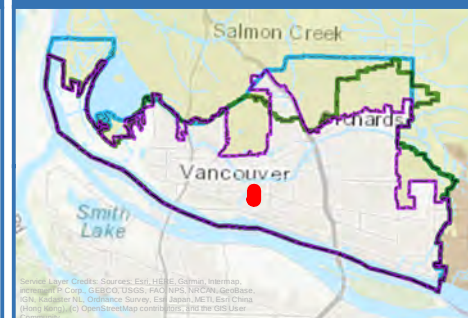
### Project Description / Comments

Heights District Plan recommended roadway changes to improve safety and support multi-modal mobility, including a two-way protected bike facility on the west side of the street, improved ADA access and sidewalks, larger planter strips, and enhanced crossings. Sidewalk improvements along Devine being constructed as part of TRANS-871.

## LEGEND

- |                              |                       |               |
|------------------------------|-----------------------|---------------|
| Project Area                 | Water Project Areas   | Battle Ground |
| Transportation Project Areas | SCIP Project Areas    | Camas         |
| Sanitary Sewer Project Areas | Vancouver City Limits | Washougal     |
| Surface Water Project Areas  | Clark County          |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds:

SFS Funds:

Grant Funds:

**Total Proj. Cost: \$4,000,000.00**

**\*Start of Construction (Year): unknown**



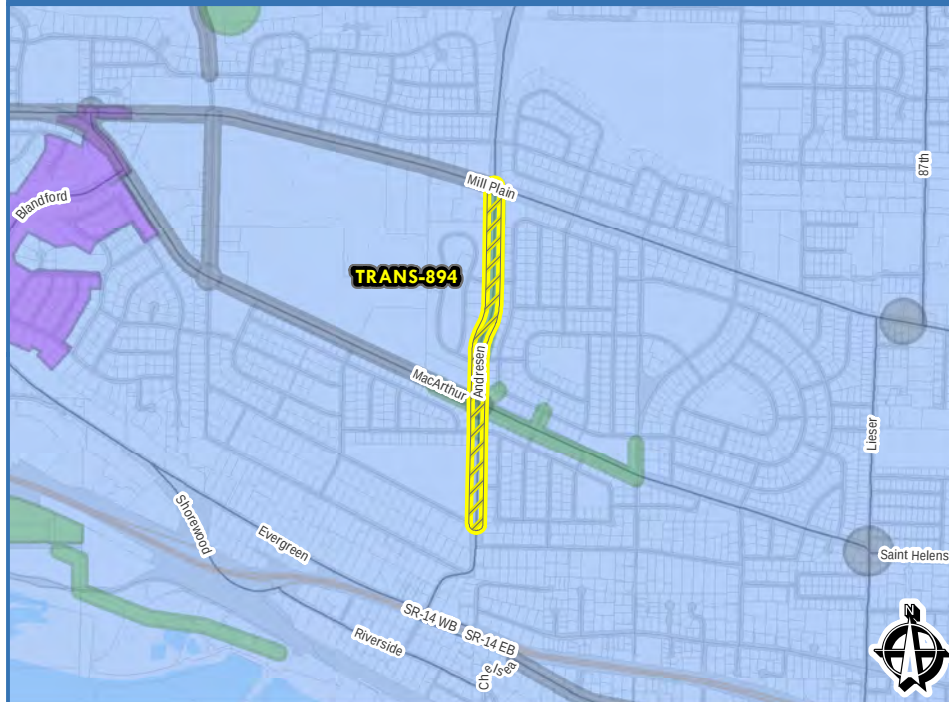
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **ANDRESEN RD. - E. MILL PLAIN BLVD. TO HIGHLAND DR.**

PROJECT EXTENT: **E. MILL PLAIN BLVD**

TO: **HIGHLAND DR.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

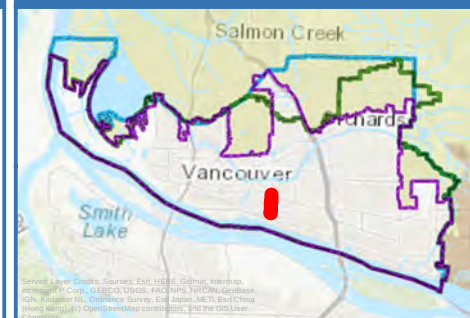
### **Project Description / Comments**

Roadway changes to improve safety and support multi-modal mobility. Includes reducing the travel lanes from four to two just south of Mill Plain, adding protected bike facilities, widening sidewalks and adding planter strips, improving ADA access pedestrian crossings at Wichita, Missouri and Louisiana.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds:

SFS Funds:

Grant Funds:

**Total Proj. Cost: \$10,000,000.00**

**\*Start of Construction (Year): unknown**



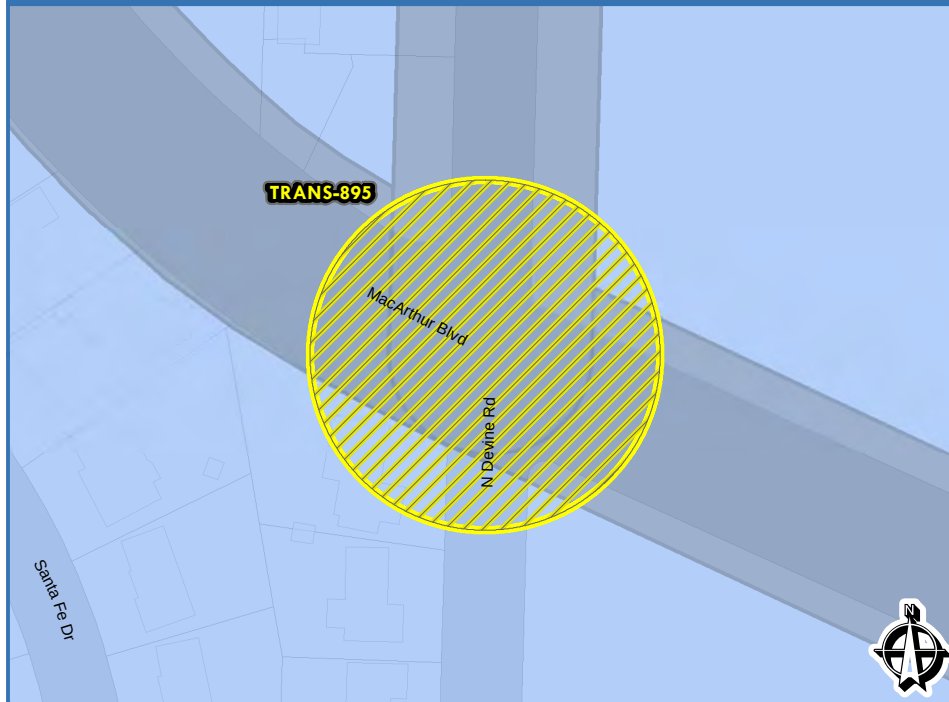
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **MACARTHUR BLVD. AT N. DEVINE RD. ROUNDABOUT**

PROJECT EXTENT: **MACARTHUR BLVD.**

TO: **N. DEVINE RD. INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Signal & Lighting Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

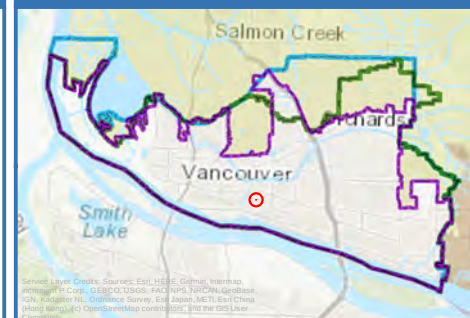
### Project Description / Comments

Heights District Plan recommended roadway changes - Construct roundabout to optimize multimodal traffic safety and operations with additional trips generated by redevelopment in the Heights District.

## LEGEND



## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds:

SFS Funds:

Grant Funds:

**Total Proj. Cost: \$1,500,000.00**

**\*Start of Construction (Year): unknown**





# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **MACARTHUR BLVD. AT N. ANDRESEN RD. ROUNDABOUT**

PROJECT EXTENT: **MACARTHUR BLVD.**

TO: **N. ANDRESEN RD. INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Signal & Lighting Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

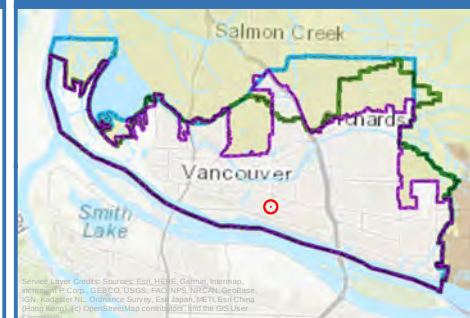
### Project Description / Comments

Heights District Plan recommended roadway changes -Construct roundabout to optimize multimodal traffic safety and operations with additional trips generated by redevelopment in the Heights District.

## LEGEND



## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds:

SFS Funds:

Grant Funds:

**Total Proj. Cost: \$1,500,000.00**

**\*Start of Construction (Year): unknown**



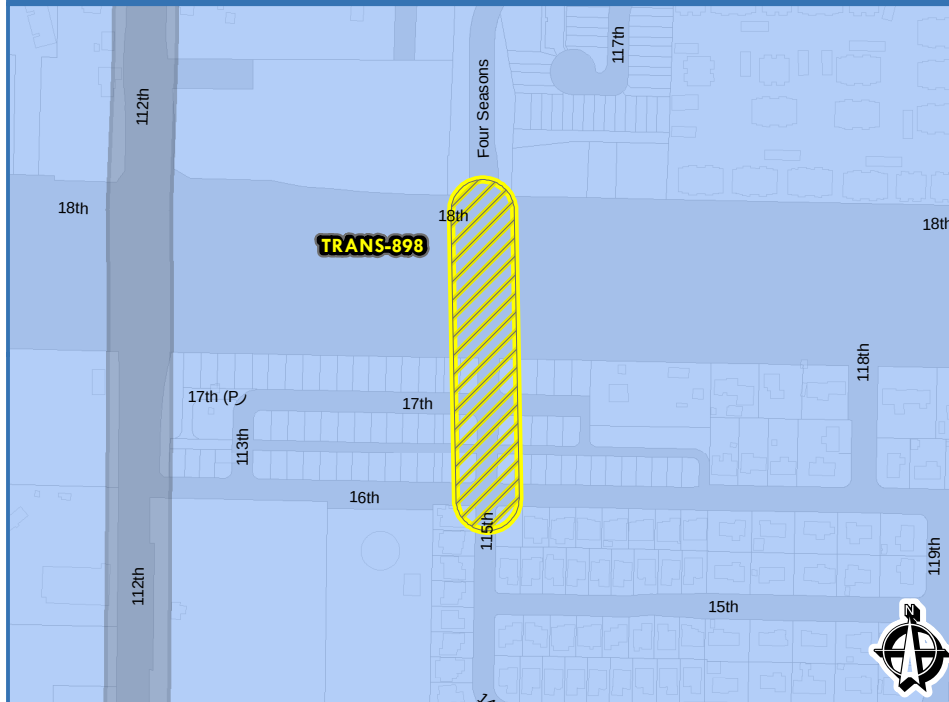
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 115TH AVE. – NE 16TH ST. TO NE 18TH ST.**

PROJECT EXTENT: **NE 16TH ST.**

TO: **NE 18TH ST.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Active

**Funding Status:**

Partially Funded

## PROJECT DESCRIPTION

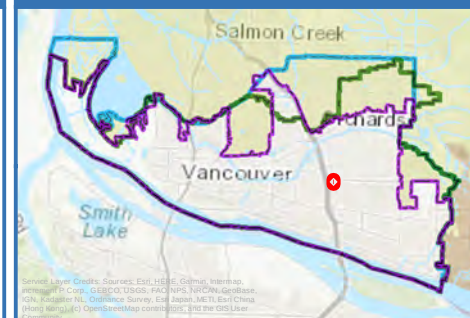
### Project Description / Comments

This project proposes a new road connecting NE 16th Street and NE 18th Street in the vicinity of Four Seasons Lane and Joe's Place farm. This is partially funded through \$250K developer contribution and will require ROW from Joe's Place Farms and Bonneville Power Administration.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Partially Funded

Existing Funds:

SFS Funds:

Grant Funds:

**Total Proj. Cost: \$925,000.00**

**\*Start of Construction (Year): unknown**



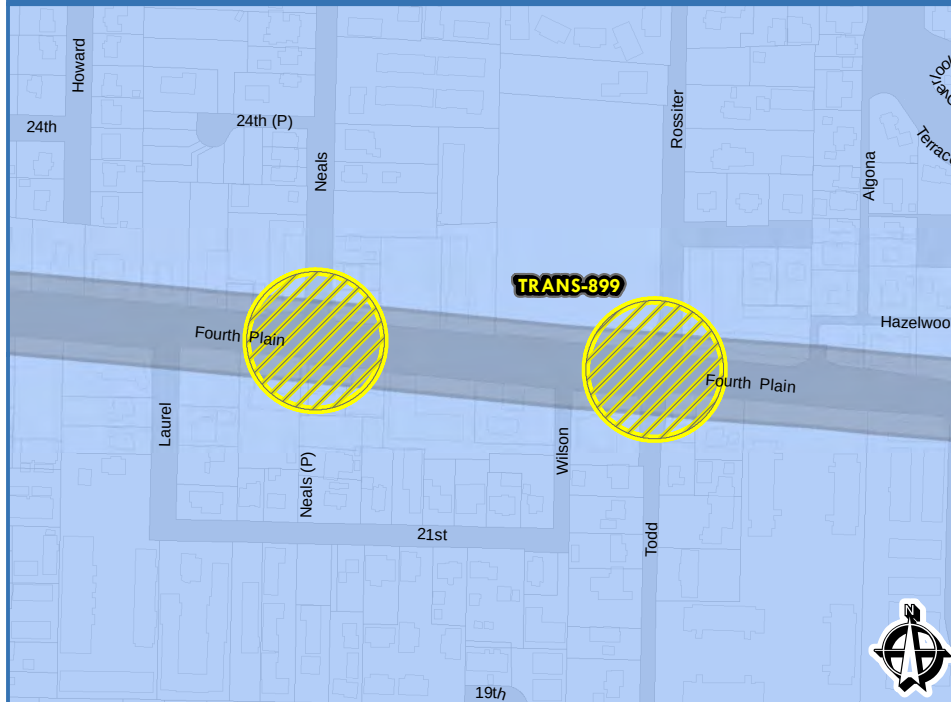
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE FOURTH PLAIN BLVD ENHANCED PEDESTRIAN CROSSINGS**

PROJECT EXTENT: **FT. VANCOUVER WAY**

TO: **ROSSITER LANE**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Future

**Funding Status:**

Funded

## PROJECT DESCRIPTION

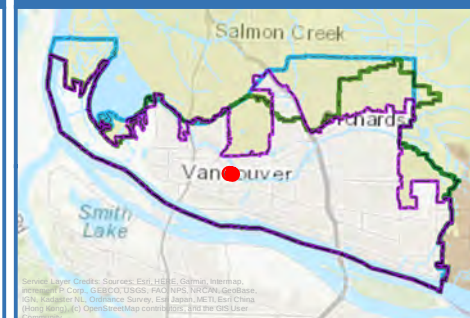
### Project Description / Comments

Pedestrian and ADA accessible improvements on E Fourth Plain Blvd. east of Fort Vancouver Way. Improvements include a HAWK beacon and pedestrian refuges on Fourth Plain between Fort Vancouver Wy. and Z St., at Neals Lane, and at Todd Rd./Rossiter Ln. Funded through TRANS-844 - Multimodal Safety and Accessibility.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Funded

Existing Funds:

SFS Funds:

Grant Funds:

**Total Proj. Cost: \$748,000.00**

**\*Start of Construction (Year): unknown**



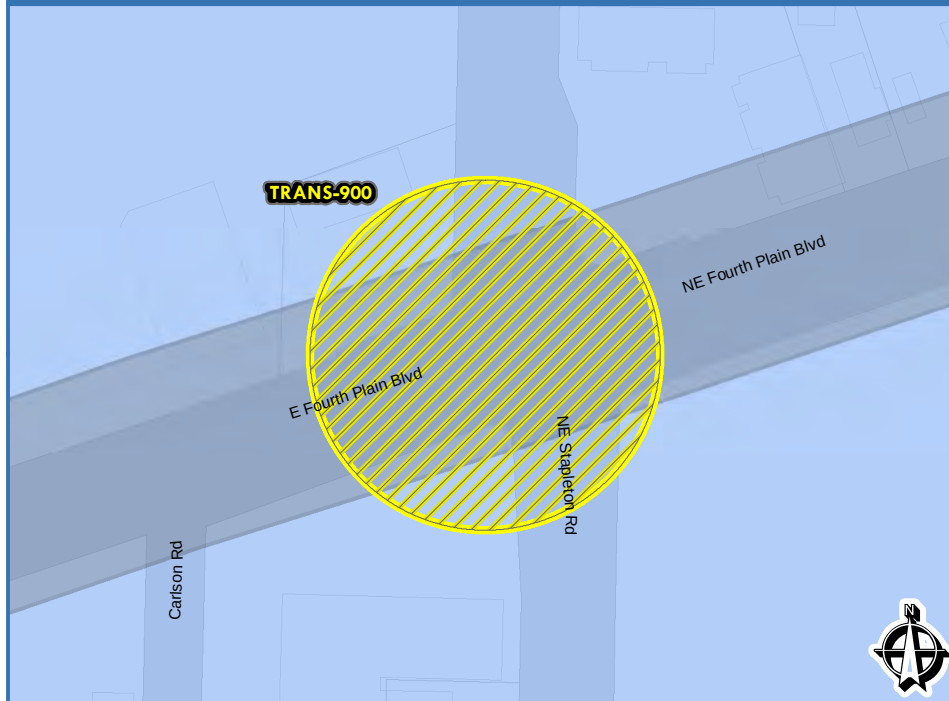
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE FOURTH PLAIN BLVD. AND STAPLETON RD. INTERSECTION IMPROVEMENTS**

PROJECT EXTENT: **NE FOURTH PLAIN BLVD.**

TO: **STAPLETON RD. INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Future

**Funding Status:**

Funded

## PROJECT DESCRIPTION

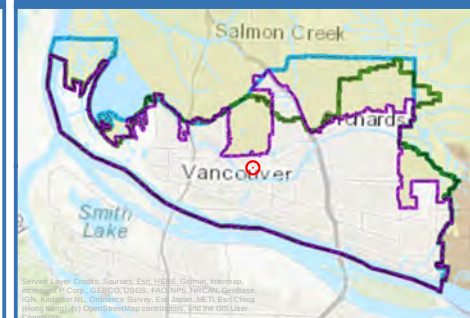
### **Project Description / Comments**

Signing, striping and signal improvements at NE Fourth Plain Blvd. and Stapleton Rd.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

**Funding Status:** Funded

**Existing Funds:**

**SFS Funds:**

**Grant Funds:**

**Total Proj. Cost:** \$133,000.00

**\*Start of Construction (Year):** unknown





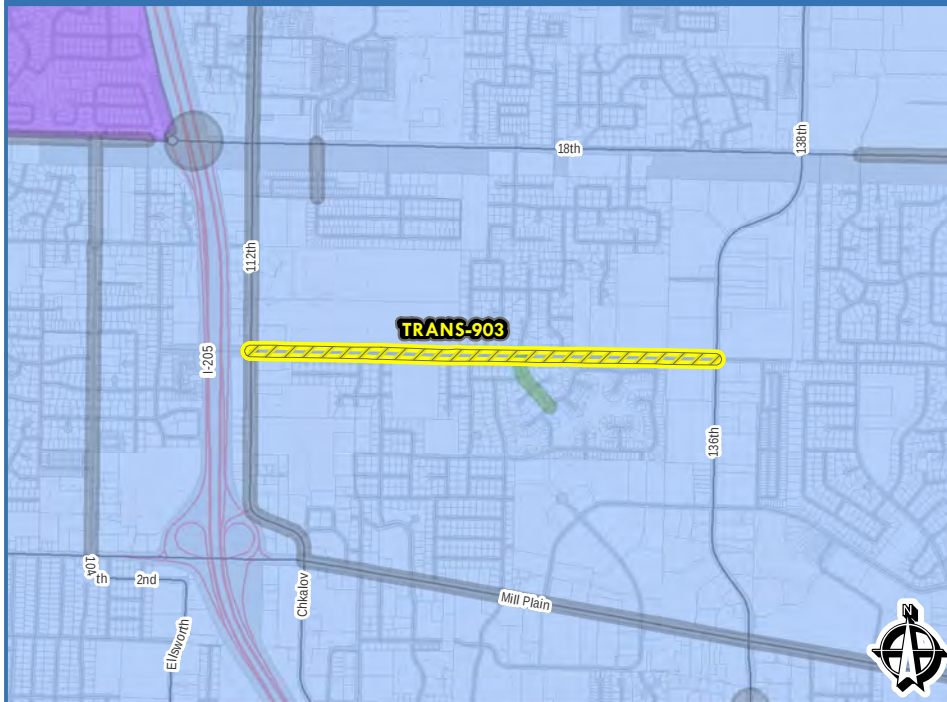
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 9TH ST. INFILL SIDEWALK - NE 112TH AVE. TO NE 136TH AVE.**

PROJECT EXTENT: **NE 112TH AVE.**

TO: **NE 136TH AVE.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

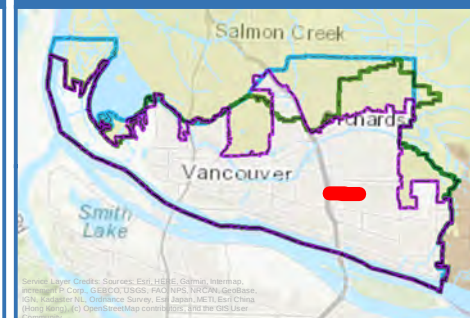
### **Project Description / Comments**

This project will add new sections of sidewalk infill along NE 9th St., between NE 112th Ave. and NE 136th Ave.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: No

SFS Funds: No

Grant Funds: No

**Total Proj. Cost: \$500,000.00**

**\*Start of Construction (Year):**





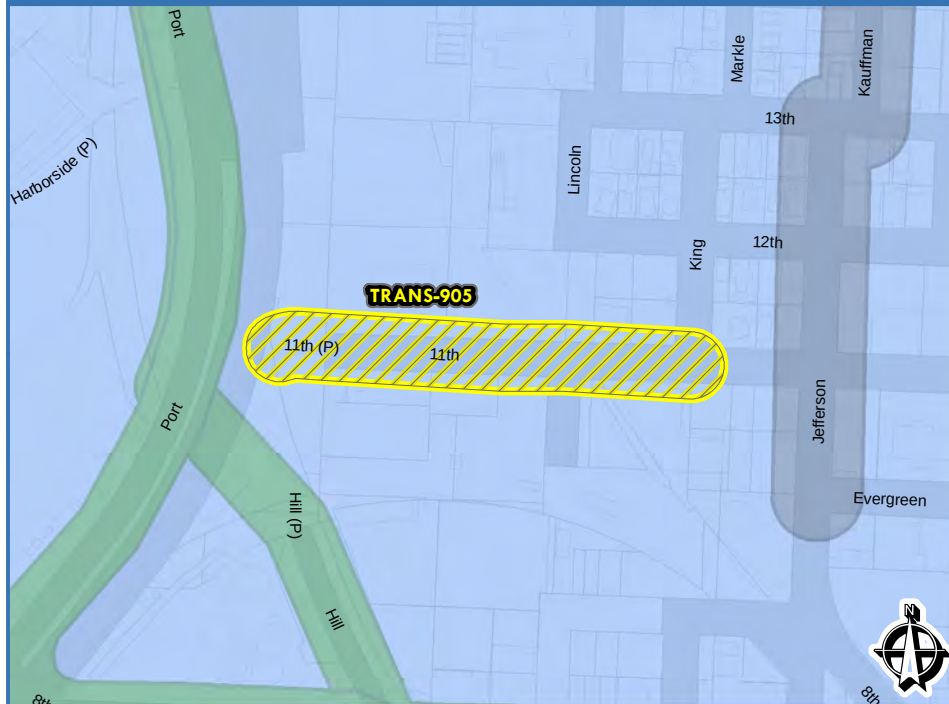
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **AMTRAK MULTIMODAL ACCESS**

PROJECT EXTENT: **W. 11TH ST AND HILL ST.**

TO: **W. 11TH ST AND KING ST.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

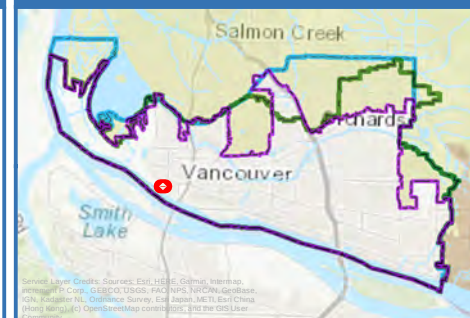
### Project Description / Comments

Multimodal bike/ped access on W. 11th St., from King St. to the Amtrak Station.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: No

SFS Funds: No

Grant Funds: Potential

**Total Proj. Cost: \$10,000,000.00**

**\*Start of Construction (Year):**



# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE ANDRESEN RD./NE FOURTH PLAIN BLVD. INTERSECTION IMPROVEMENTS**

PROJECT EXTENT: **NE ANDRESEN RD.**

TO: **NE FOURTH PLAIN BLVD. INTERSECTION**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Funded

## PROJECT DESCRIPTION

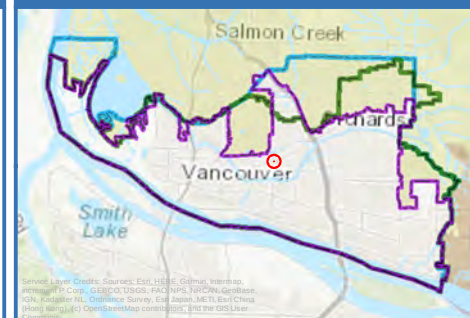
### **Project Description / Comments**

Extend southbound right turn lane pocket on NE Andresen Rd., from NE Andresen Rd. to westbound NE Fourth Plain Blvd. Partially funded through \$60,000 contribution from WSDOT.

## LEGEND

|  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Funded

Existing Funds: Yes

SFS Funds:

Grant Funds:

**Total Proj. Cost: \$100,000.00**

**\*Start of Construction (Year):**



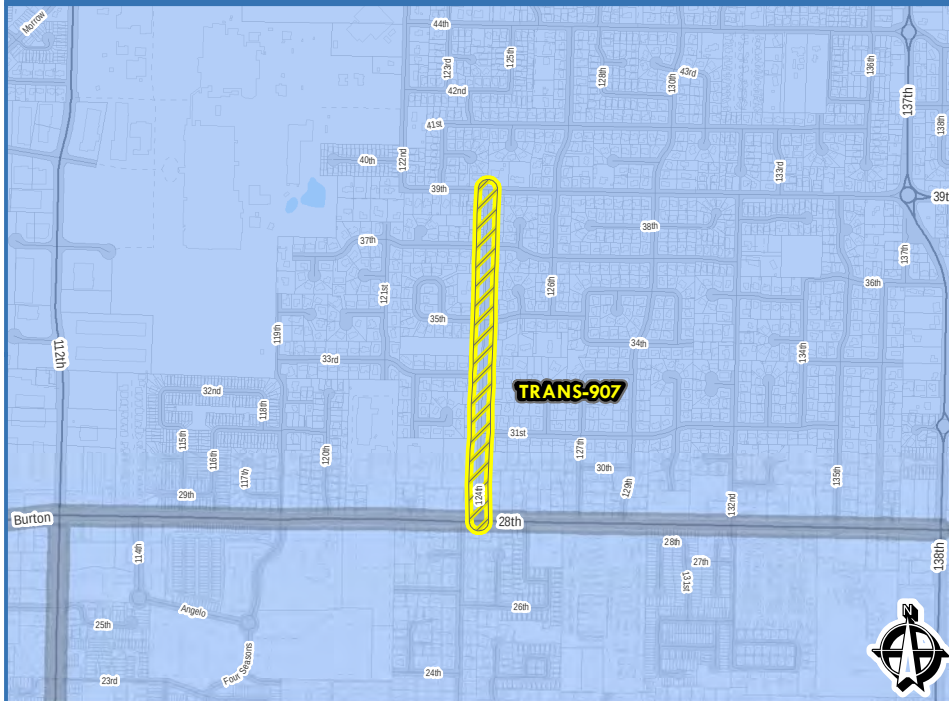
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 124TH AVE. - NE 28TH ST. TO NE 39TH ST.**

PROJECT EXTENT: **NE 28TH ST.**

TO: **NE 39TH ST.**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Arterial Improvements

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

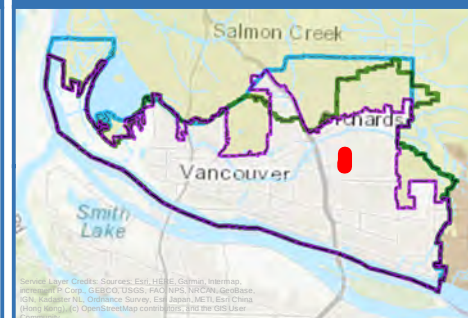
### **Project Description / Comments**

Reconstruction/Upgrade existing two lane Collector Arterial to current standards, to include sidewalks, ADA ramps, bike facilities and streetlights

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds: No

SFS Funds: No

Grant Funds: No

**Total Proj. Cost: \$10,000,000.00**

**\*Start of Construction (Year):**







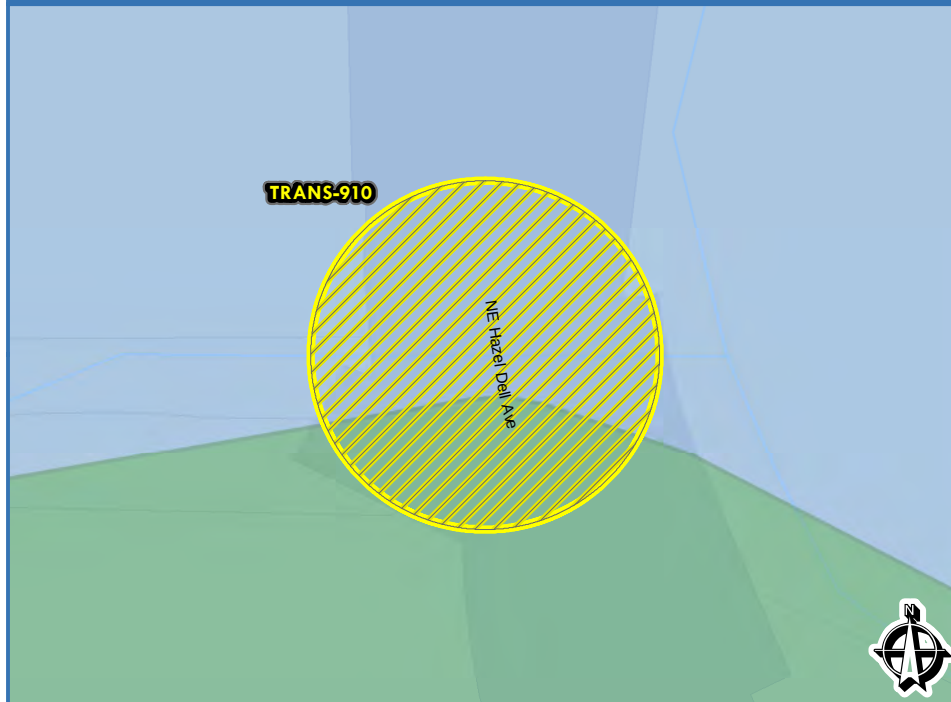
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **HAZEL DELL AVE./BBC TRAIL CROSSING**

PROJECT EXTENT:

TO:

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

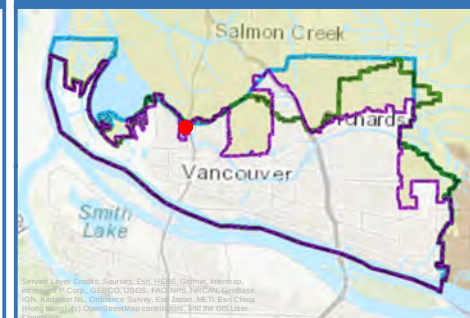
### **Project Description / Comments**

Pedestrian crossing built to current safety and ADA standards at Hazel Dell Ave.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

**Funding Status:**

Unfunded

**Existing Funds:**

**SFS Funds:**

**Grant Funds:**

**Total Proj. Cost:**

**\$1,000,000.00**

**\*Start of Construction (Year):**



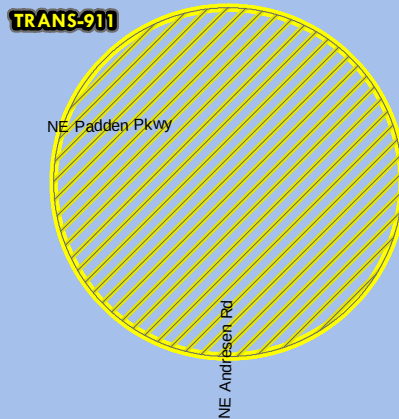
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE PADDEN EXPRESSWAY AND NE ANDRESEN RD. INTERSECTION IMPROVEMENTS**

PROJECT EXTENT: **NE PADDEN EXPRESSWAY**

TO: **NE ANDRESEN RD**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

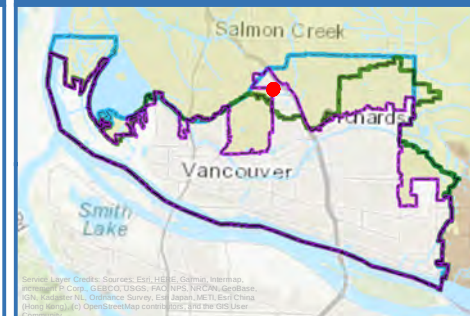
### **Project Description / Comments**

Intersection improvements for capacity, pedestrian safety and traffic standards. Initial planning phase to include congestion and collision study, to propose traffic improvements and alternatives to improve safety and reduce collisions.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds:

SFS Funds:

Grant Funds:

**Total Proj. Cost: \$20,000,000.00**

**\*Start of Construction (Year):**



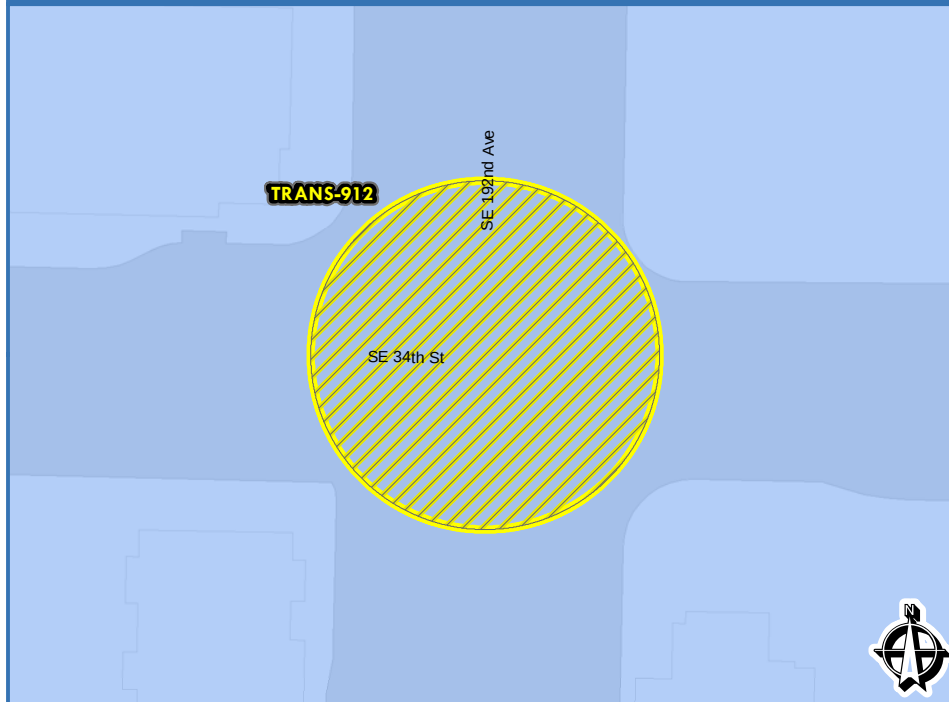
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **SE 34TH ST. AND SE 192ND AVE. INTERSECTION IMPROVEMENTS**

PROJECT EXTENT: **SE 34TH ST**

TO: **SE 192ND AVE**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

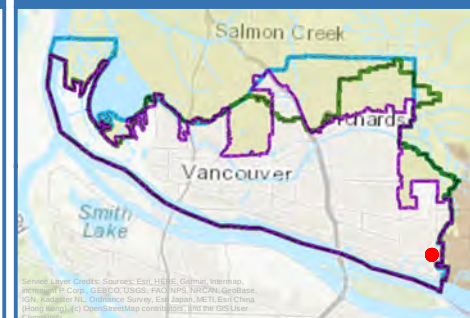
### **Project Description / Comments**

Intersection improvements for urban pedestrian, lighting and traffic standards.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds:

SFS Funds:

Grant Funds:

**Total Proj. Cost: \$5,000,000.00**

**\*Start of Construction (Year):**



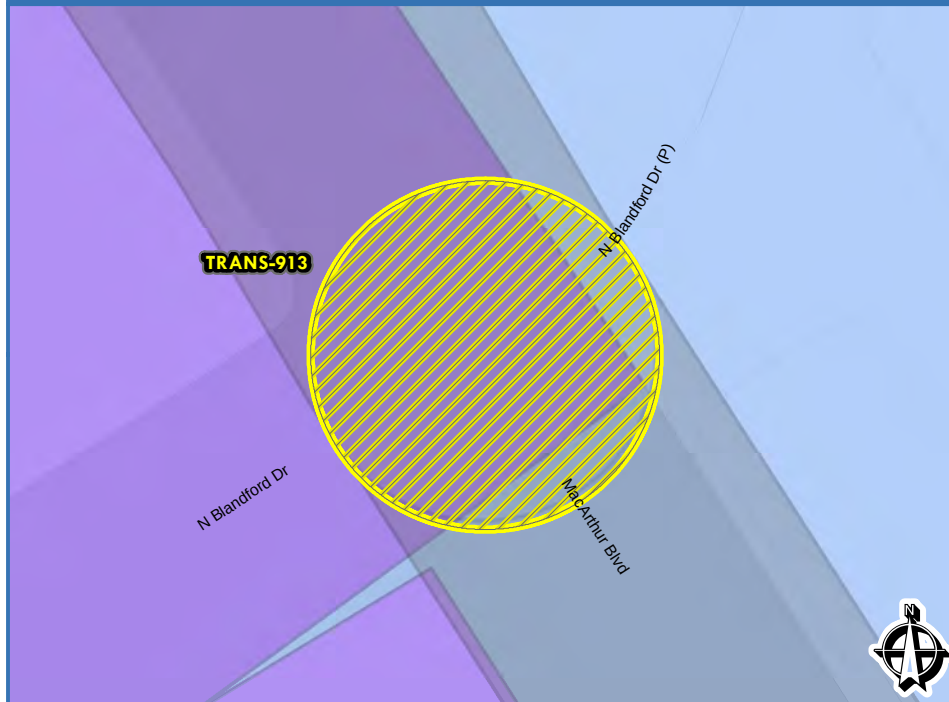
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **MACARTHUR BLVD. AND S. BLANDFORD DR. PEDESTRIAN CROSSING**

PROJECT EXTENT: **MACARTHUR BLVD.**

TO: **BLANDFORD**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

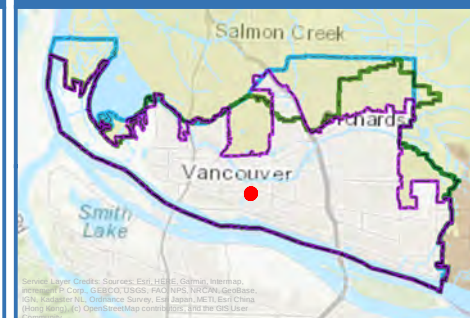
### Project Description / Comments

Install enhanced pedestrian crossing to improve pedestrian safety and accessibility in the area.

## LEGEND

- |  |                              |  |                       |  |               |
|--|------------------------------|--|-----------------------|--|---------------|
|  | Project Area                 |  | Water Project Areas   |  | Battle Ground |
|  | Transportation Project Areas |  | SCIP Project Areas    |  | Camas         |
|  | Sanitary Sewer Project Areas |  | Vancouver City Limits |  | Washougal     |
|  | Surface Water Project Areas  |  | Clark County          |  |               |

## VICINITY MAP



## FUNDING & SCHEDULE

Funding Status: Unfunded

Existing Funds:

SFS Funds:

Grant Funds:

**Total Proj. Cost: \$250,000.00**

**\*Start of Construction (Year):**







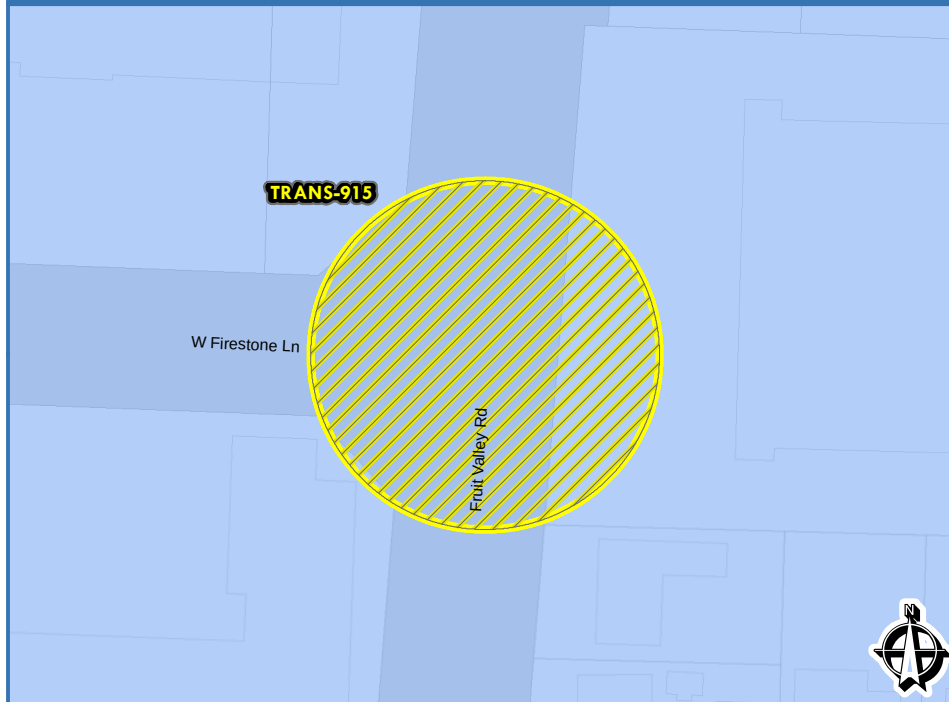
# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **FRUIT VALLEY RD. AND FIRESTONE LANE PEDESTRIAN CROSSING**

PROJECT EXTENT: **FRUIT VALLEY RD.**

TO: **FIRESTONE LANE**

## PROJECT AREA MAP



## PROJECT SUMMARY

**Program/Discipline Type:**

**Project Type:**

Active Transportation

**Project Status:**

Future

**Funding Status:**

Unfunded

## PROJECT DESCRIPTION

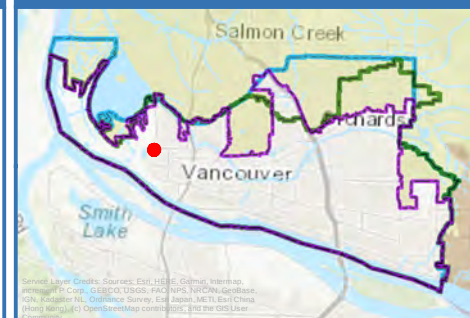
### **Project Description / Comments**

Install enhanced pedestrian crossing to improve pedestrian safety and accessibility in the area.

## LEGEND



## VICINITY MAP



## FUNDING & SCHEDULE

**Funding Status:** Unfunded

**Existing Funds:**

**SFS Funds:**

**Grant Funds:**

**Total Proj. Cost:** \$250,000.00

**\*Start of Construction (Year):**

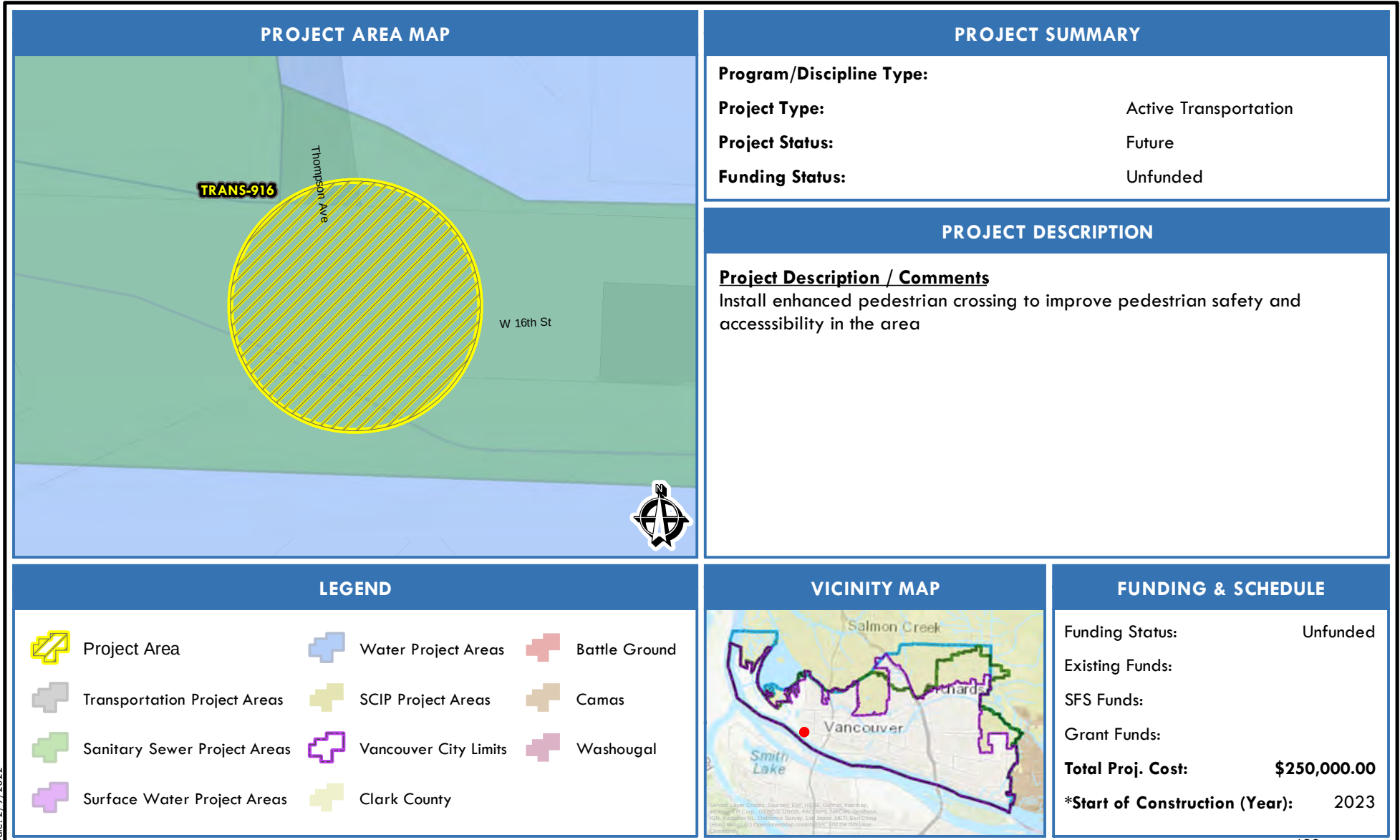


# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **W. 16TH ST. AT NW PACKING PEDESTRIAN CROSSING**

PROJECT EXTENT:

TO:



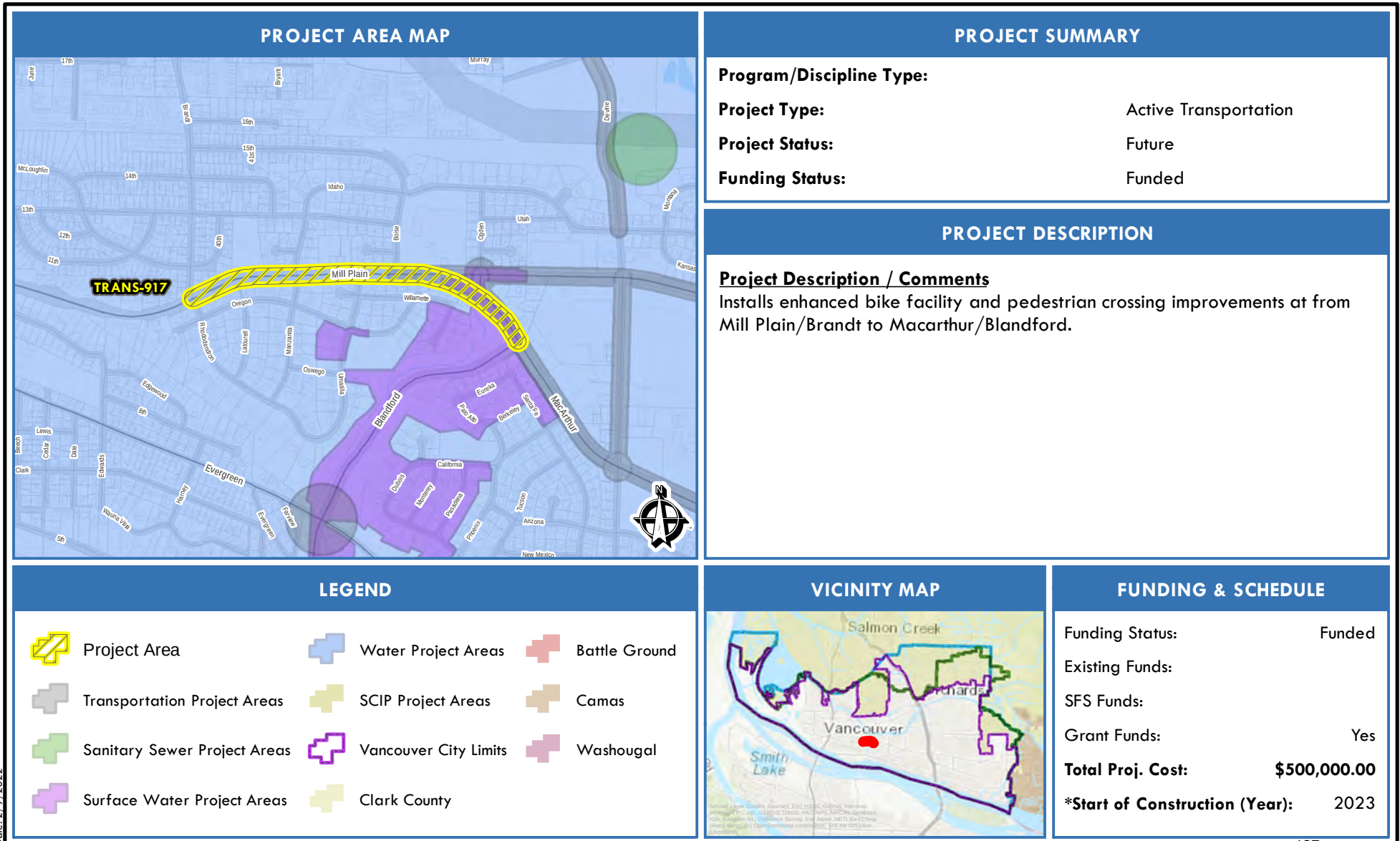
Date: 2/9/2022

## 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **MACARTHUR COMPLETE STREETS**

PROJECT EXTENT:

TO:



Date: 2/9/2022

\*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water. Page 131 of 156  
Partially completed (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.

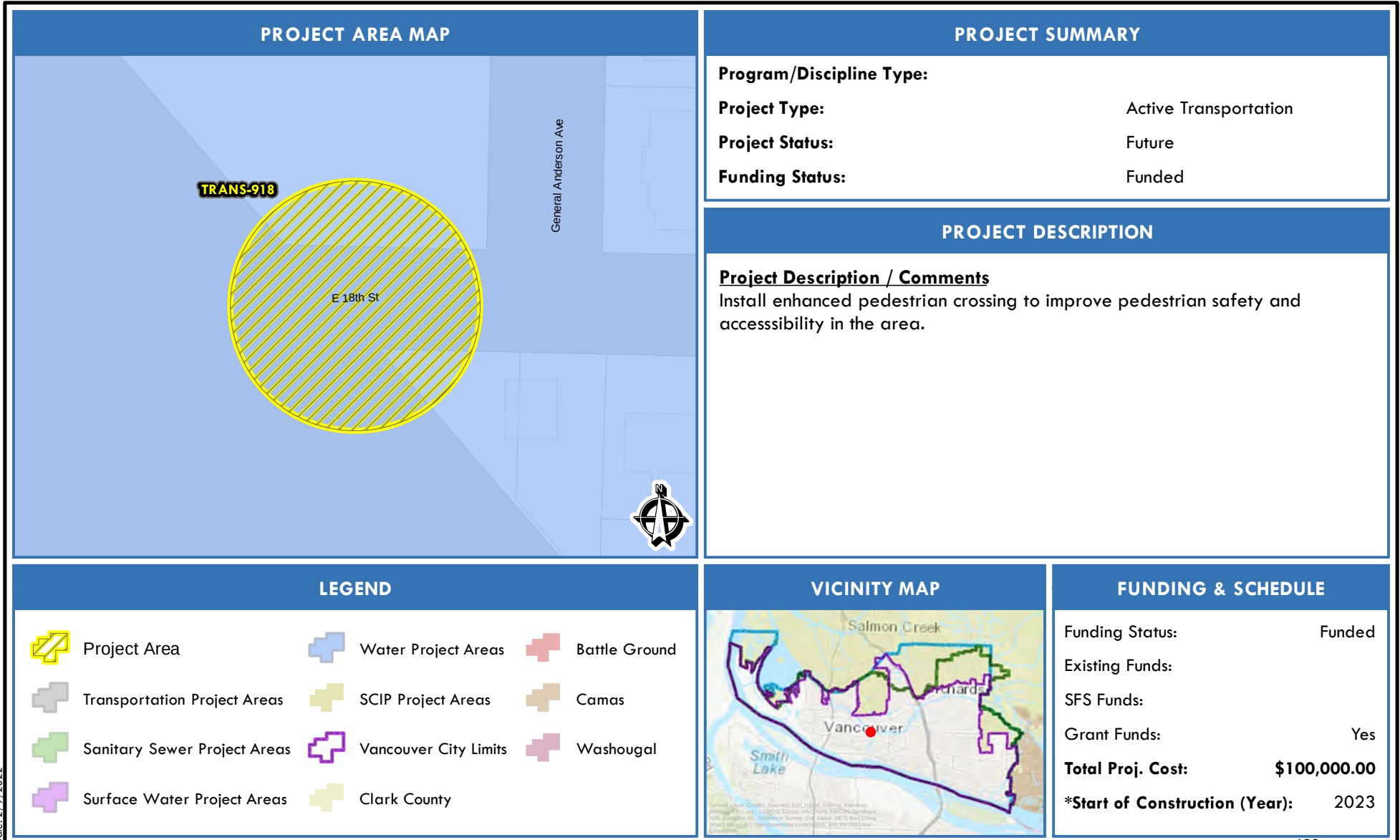


# 2023 - 2028 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 18TH ST AND BURNT BRIDGE CREEK PEDESTRIAN CROSSING**

PROJECT EXTENT:

TO:



Date: 2/9/2022





| STREETS - ARTERIAL CLASSIFICATION CHANGES                                   |                                                                         |
|-----------------------------------------------------------------------------|-------------------------------------------------------------------------|
| New Designation:                                                            | Recommendation                                                          |
| None at this time                                                           |                                                                         |
| Redesignation:                                                              |                                                                         |
| None at this time                                                           |                                                                         |
| Other:                                                                      |                                                                         |
| Revise map to remove collector arterial in the Columbia Palisades sub area. | Coordination with the developer has deemed the collector not necessary. |



**ARTERIAL STREET SYSTEM  
AND  
CLASSIFICATION**

|          |          |                    |
|----------|----------|--------------------|
| EXISTING | PROPOSED |                    |
|          |          | PRINCIPAL ARTERIAL |
|          |          | MINOR ARTERIAL     |
|          |          | COLLECTOR ARTERIAL |

HEARING DATE: \_\_\_\_\_  
ADOPTION DATE: \_\_\_\_\_  
RESOLUTION NO: \_\_\_\_\_

|  |                              |
|--|------------------------------|
|  | STATE ROADWAYS               |
|  | CORRIDOR / PLAN AREA OVERLAY |
|  | CITY LIMITS                  |
|  | CITY URBAN GROWTH BOUNDARY   |



SCALE: 1 INCH = 1 MILE  
ACCURATE WHEN PRINTED AT 11"X17"





# **GLOSSARY**

## **FREQUENTLY USED TERMS AND ACRONYMS**

### **ACP**

Annual Construction Program or Asphalt Concrete Pavement

### **ADA**

Americans with Disabilities Act

### **ADT**

Average Daily Traffic

### **AIP**

Arterial Improvement Program (TIB funding Program)

### **Access**

Access is a means of approach to provide vehicular or pedestrian entrance or exit to a property. This may not necessarily include all movements.

### **Access Management**

Access management is the process of providing and managing access to land development while preserving the regional flow of traffic in terms of safety, capacity and speed.

### **A.M. Peak Hour**

Identified by a one-hour period in the morning when traffic flow increases. The A.M. peak hour typically occurs between 6:30 a.m. and 9 a.m. Traffic volumes occurring during the A.M. peak hour are used to calculate the overall operation of a roadway or intersection.

### **ARRA**

American Recovery and Reinvestment Act. Also referred to as an economic stimulus package, ARRA was enacted by Congress in February 2009. The act provides \$28.35 billion for improving and maintaining transportation infrastructure throughout the United States.

### **Arterial**

An arterial is a major street carrying the traffic of local and collector streets to and from freeways and other major streets. Arterials generally have traffic signals at intersections and may have limits on driveway spacing and street intersection spacing. Further details can be found in the Vancouver Municipal Code (11.80.040).

## **Biological Assessment**

A biological assessment is an environmental document required for compliance with the Endangered Species Act for projects with federal funding or permits.

## **CAT**

Citizen Advisory Team

## **CCRP**

Corridor Congestion Relief Program (State funding source)

## **CDBG**

Community Development Block Grant. Block grants are targeted for low and moderate-income areas. Improvements typically consist of sidewalk and capital improvement programs.

## **CMAQ**

Congestion Mitigation and Air Quality Improvement (Federal funding source). This funding is for projects that create a direct air quality benefit, leading toward attainment or maintenance of a National Ambient Air Quality Standard (NAAQS).

## **CN**

Construction

## **CTL**

Center-Turn Lane

## **C-TRAN**

Clark County Public Transportation Benefit Area Authority, the transit agency for Clark County, Washington.

## **CWP**

Clean Water Program

## **Capacity**

The maximum rate of flow at which vehicles can be reasonably expected to traverse a point or uniform segment of a lane or roadway during a specified time period under prevailing roadway, traffic, and control conditions; usually expressed as vehicles per hour. In the project list spreadsheets *Capacity* is a term used to describe a subset of projects that upgrade existing substandard streets to urban arterial standards. This subset of projects typically improves more than just vehicle capacity. They also improve the pavement section, street lighting, bicycle, pedestrian and ADA facilities.

## **Collector Streets – Urban Collector**

Collectors – Urban Collector. *Urban collector* provides for land access and traffic circulation within and between residential neighborhoods, and commercial and industrial areas. Direct access to adjacent land uses, however, is still subordinate to traffic movement. Access to abutting properties is controlled through the use of raised channelization, driveway spacing and pavement markings. Typically, collectors are not continuous for any great length, nor do they form a connected network by themselves.

## **Comprehensive Plan**

Long-range plan, typically looking 20 to 50 years into the future, which is intended to guide growth and development of a community. Comprehensive Plans are required by the Washington State Growth Management Act for specific counties and cities in Washington State. The Plans establish goals and policies for managing population growth and land development while ensuring that the growth is adequately served by public facilities.

## **Concurrency**

The Concurrency ordinance (VMC 11.95) was adopted in response to the Washington State Growth Management Act, which required local jurisdictions to adopt level-of-service (LOS) standards for the arterial road system and to ensure maintaining those standards when considering new development. This process is called *Concurrency*. Concurrency applies to any development, land division, site plan and conditional use permit approvals.

## **EA**

Environmental Assessment

## **Environmental Review**

The consideration of environmental factors as required by the Washington State Environmental Policy Act (SEPA). The environmental review process is the procedure used by agencies and others under SEPA for giving appropriate consideration to the environment in agency decision-making. (WAC 197-11-746).

## **Enhancement**

In the project list spreadsheets *Capacity* is a term used to describe a subset of projects that upgrade pedestrian or bicycle facilities, or otherwise enhance the livability of the community through upgrades to the street system.

## **ESA**

The Endangered Species Act was established in 1973 to preserve ecosystems of endangered and threatened species. The Act was recently amended to include various species of fish, wildlife, and plants throughout the United States.

## **FAST Act**

On December 4, 2015, President Obama signed the Fixing America's Surface Transportation (FAST) Act (Pub. L. No. 114-94) into law—the first federal law in over a decade to provide long-term funding certainty for surface transportation infrastructure planning and investment. The FAST Act authorizes \$305 billion over fiscal years 2016 through 2020 for highway, highway and motor vehicle safety, public transportation, motor carrier safety, hazardous materials safety, rail, and research, technology, and statistics programs. The FAST Act maintains our focus on safety, keeps intact the established structure of the various highway-related programs we manage, continues efforts to streamline project delivery and, for the first time, provides a dedicated source of federal dollars for freight projects. With the enactment of the FAST Act, states and local governments are now moving forward with critical transportation projects with the confidence that they will have a federal partner over the long term.

## **Growth Management**

A group of strategies used by a government to direct the timing, location and type of development in a community

## **Growth Management Act (GMA)**

The State of Washington's Growth Management Act was adopted in 1990 to address the negative consequences of unprecedented population growth and suburban sprawl in the State. The GMA requires all cities and counties in the State to plan for future growth, with more extensive requirements for the largest and fastest-growing counties and cities in the State. Its requirements include guaranteeing the consistency of transportation and capital facilities plans with land use plans.

## **HES**

Hazard Elimination System/Safety (Federal Funding Source). The objective of this fund is to improve specific locations which constituted a danger to vehicles or pedestrians as shown by frequency of accidents.

## **HIS-HRRP**

In 2008, a portion of the funding provided through Federal Transportation Act SAFETEA-LU was made available for safety grants. Funds were provided through the Highway Safety Improvement Program (HSIP) and the High Risk Rural Roads Program (HRRRP).

## **HOV**

High-Occupancy Vehicle

## **Impacts**

*Impacts* are the effects or consequences of actions. Environmental impacts are effects upon the elements of the environment.

## **Interchange**

A system of interconnecting roadways in conjunction with one or more grade separations, providing for the movement of traffic between two or more roadways on different levels

## **Intersection**

The general area where two or more roadways join or cross, within which are included the roadway and roadside facilities for traffic movements in that area.

## **ITS**

Intelligent Transportation System

## **Land Use**

The type of activity associated with a specific geographic area. Land-use categories can be broad (e.g., residential, retail, office, industrial, and recreational), or they can be very specific (e.g., single-family residential, convenience market, or elementary school). In order to estimate trip generation characteristics for a specific geographic area, it is necessary to know both the type and intensity of land use (e.g., single-family residential land use at a development intensity of eight units per acre).

## **Level of Service (LOS)**

The Level of Service is a grading system developed by the transportation profession to quantify the degree of comfort (including such elements as speed, travel time, number of stops, total amount of stopped delay, and impediments caused by other vehicles) afforded to drivers as they travel through an intersection or roadway segment. LOS is expressed as a letter grade that ranges from “A”, indicating that drivers will experience little, if any delay, to “F”, indicating significant traffic congestion and driver delay will occur.

## **MVFT**

Motor Vehicle Fuel Tax

## **Mitigation**

(1) Avoiding impacts altogether by not taking a certain action or parts of an action; (2) minimizing impacts by limiting the degree or magnitude of the action and its implementation by using appropriate technology, or by taking affirmative steps to avoid or reduce impacts; (3) rectifying impacts by repairing, rehabilitating, or restoring the affected environment; (4) reducing or eliminating impacts over time by preservation and maintenance operations during the life of the action; (5) compensating for impacts by replacing, enhancing or providing substitute resources or

environments; and/or, (6) monitoring impacts and taking appropriate corrective measures (WAC 197-11-768).

## **Mode**

The means by which travel is accomplished. Alternative modes of travel include walking, bicycling, auto, bus, light rail, airplane, ferry, etc.

## **NAAQS**

The National Ambient Air Quality Standards were set up by the Environmental Protection Agency (EPA) to help mitigate the health impacts of air pollution. EPA established NAAQS measure for six pollutants that include carbon monoxide, ozone, particulate matter, lead, sulfur dioxide, and nitrous oxide.

## **Non-attainment Area**

Geographic area in which air pollution levels exceed the NAAQS. (See above.)

## **Peak Hour**

A period of 60 consecutive minutes during which an intersection or roadway system experiences the greatest amount of traffic volume

## **P.M. Peak Hour**

A one-hour period in the afternoon or evening when traffic flow increases. The P.M. peak hour typically occurs between 4 and 6 p.m. Traffic volumes occurring during the P.M. peak hour are used to calculate the overall operation of a roadway or intersection.

## **PE**

Preliminary Engineering

## **PSE**

Plans, Specifications and Estimates

## **PSMP**

Pedestrian Safety and Mobility Program

## **PWB**

Public Works Board. The Public Works Board was created by the 1985 State Legislature. The Board is composed of local government officials, special purpose district representatives and private sector members. The mission of the Washington State Public Works Board is “to assist Washington’s local governments and private water systems in meeting their public works needs to sustain livable communities.” The

Board is authorized to loan money to counties, cities, and special purpose districts to repair, replace, or create domestic water systems, sanitary sewer systems, storm water systems, roads, streets, solid waste and recycling facilities and bridges.

## **PWTF**

Public Works Trust Fund. This trust fund is administered by the Public Works Board. The PWTF Construction and Pre-construction Loan Programs provide funds to design, repair, replace or create a facility. These loans have a 5- to 20-year term with an interest rate of one-half percent. Maximum for any agency is \$10 million per biennium.

## **RCW**

Revised Code of Washington. Contains all laws of the state of general and permanent nature.

## **REET**

Real-estate Excise Tax

## **RTC**

Southwest Washington Regional Transportation Council. RTC is the regional transportation planning agency for Clark, Klickitat and Skamania counties.

## **WW&RP**

Washington Wildlife and Recreation Program

## **Right-of-Way/ROW**

Right-of-way is property held by the City for existing or future public roads or other public improvements.

## **Roadway Conditions**

The geometric characteristics of the street or highway, including the type of facility and its development environment, the number of lanes (by direction), lane and shoulder widths, lateral clearances, design speed, and horizontal and vertical alignments.

## **Roadway**

A roadway is the improved portion of an easement or right-of-way, excluding curbs, sidewalks and ditches. Road, roadway and street are used as interchangeable terms.

## **Roadway Section**



A roadway section is a cross-section of a roadway which displays, travel lanes, turning lanes, bike lanes, sidewalks and medians with their respective dimensions. Each classification of roadway has a corresponding roadway section.

## **SAFETEA-LU**

Safe, Accountable, Flexible, Efficient Transportation Equity Act - A Legacy for Users (SAFETEA-LU. The Act was signed into law by the President on August 10, 2005.). With guaranteed funding for highways, highway safety and public transportation totaling \$244.1 billion, SAFETEA-LU represents the largest surface transportation investment in our nation's history. The two landmark bills – the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) and the Transportation Equity Act for the 21st Century (TEA-21) – shaped the highway program to meet the nation's changing transportation needs. SAFETEA-LU builds on this firm foundation, supplying the funds and refining the programmatic framework for investments needed to maintain and grow our vital transportation infrastructure.

## **SEPA**

State Environmental Policy Act. SEPA is a state law requiring agencies to consider the environmental consequences of their decisions. (WAC 197-11-790).

## **SFS**

Street Funding Strategy (SFS). Refers to any revenue sources approved in 2015. Including Utility tax increase of 1.5%, Business License Surcharge increase, Transportation Benefit District (TBD) licensing fee revenues, and/or retired debt service being redirected to transportation improvements.

## **STP**

Surface Transportation Program (Federal funding source). The objective of the STP is to fund construction, reconstruction, resurfacing, restoration and rehabilitation of roads functionally classified as arterials.

## **STP-C**

Surface Transportation Program – Competitive Grant

## **STP-E**

Surface Transportation Program – Enhancement Grant

## **STP-TMA**

Surface Transportation Program – Transportation Management Area Grant

## **Signal Warrant**

A criterion that must be met before the installation of a traffic signal can be considered.

## **Significant/Significance**

- 1) *Significant* as used in SEPA means a reasonable likelihood of more than a moderate adverse impact on environment quality.
- 2) *Significance* involves context and intensity and does not lend itself to a formula or quantifiable test. Context may vary with the physical setting. Intensity depends on magnitude and duration of an impact. Severity of an impact should be weighed along with the likelihood of its occurrence. An impact may be *significant* if its chance of occurrence is not great, but the resulting environmental impact would be severe if it occurred. (WAC 197-11-794).

## **SWCAA**

Southwest Washington Clean Air Agency. A government agency responsible for air pollution control and planning in Clark, Cowlitz, Lewis, Skamania and Wahkiakum Counties.

## **SYS**

Traffic Signal System Improvement

## **TBD**

Transportation Benefit District (TBD). In the state of Washington, a Transportation Benefit District is a quasi-municipal corporation and independent taxing district that can raise revenue for specific transportation projects, usually through vehicle license fees or sales taxes. RCW 36.73 authorizes cities (see also RCW 35.21.225) and counties to form TBDs. In other uses, TBD is a common term meaning “to be determined.”

## **TDM**

Transportation Demand Management. A demand-based technique for reducing traffic congestion, such as ride-sharing programs and flexible work schedules enabling employees to commute to and from work outside of peak hours.

## **TEA-21**

The Transportation Equity Act for the 21st Century was signed on June 9, 1998, superseding the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991. This bill provides Federal transportation dollars for Federal, State and Local agencies. The majority of benefits associated with ISTEA are continued or expanded upon through TEA-21. Also, see SAFETEA-LU.

## **TIB**

Transportation Improvement Board. A state funding agency that administers several state funding programs. The mission of the TIB is to assist local agencies to preserve and improve transportation systems by providing financial assistance, supporting economic development, promoting multi-jurisdictional and multi-modal coordination and to promote public/private cooperation.

## **TIF**

Transportation Impact Fee. TIF is the traffic impact component of a development impact fee. An impact fee is a fee levied on a developer by the county as compensation for expected effects of the development.

## **TIMACS**

Transportation Information Management and Control System

## **TIP**

Six-Year Transportation Improvement Program

## **TPP**

Transportation Partnership Program (TIB Funding Program)

## **TS**

Traffic Signal Project

## **TSNS**

Traffic Safety Near Schools

## **TSO**

Traffic Signal Optimization

## **UAP**

Urban Arterial Program (State funding source), formally known as the Arterial Improvement Program. This program was established by the State in 1967 as the Urban Arterial Trust Account (UATA) and designated as the AIP in July 1999. The purpose of this program is to fund city and urban county arterial road and street projects to reduce congestion and improve safety, geometrics and structural concerns.

## **UCP**

Urban Corridor Program (State funding source), formally known as the Transportation Partnership Program. This program was established by the State in 1988 as the Transportation Improvement Account (TIA) and designated as the TPP in July 1999.

The purpose of the program is to fund projects on the regional transportation plan that are necessitated by existing or future congestion due to economic growth.

## **UR-SP**

Urban Sidewalk Program (State funding source), formally known as the Pedestrian Safety and Mobility Program. This program was established by the TIB in 1994 as the Pedestrian Facilities Program (TIA-PFP) and designated as the PSMP in July 1999. The program goal is to enhance and promote pedestrian mobility by providing funding for pedestrian projects that provide access and connectivity of pedestrian facilities.

## **V/C Ratio**

Ratio of volume to capacity for a traffic facility

## **Volume**

Number of vehicles passing a point on a lane or roadway during some time interval, often taken to be one hour, but may also be expressed in terms such as sub-hourly, daily or annually.

## **WAC**

Washington Administrative Code. The WAC is laws adopted by state agencies to implement state legislation.

## **WSDOT**

Washington State Department of Transportation. WSDOT is a department of the State of Washington responsible for transportation-related planning, management and coordination.

## **Zoning**

A map and ordinance text which divides a city or county into land use “zones” and specifies the types of land uses, setbacks, lot size, and size restrictions for buildings within each zone.



For additional information, please visit:

[www.cityofvancouver.us/streetstip](http://www.cityofvancouver.us/streetstip)

[www.cityofvancouver.us/betterstreets](http://www.cityofvancouver.us/betterstreets)



Este informe contiene información importante. Pídale a alguien que se lo traduzca o llame Ciudad de Vancouver, 360-487-7130.

В данном отчете содержится важная информация. Попросите кого-нибудь перевести ее для вас или звоните City of Vancouver, 360-487-7130.

Báo cáo này có thông tin bổ sung về dự án. Hãy nhờ người khác giải thích cho quý vị hoặc gọi cho City of Vancouver, 360-487-7130.



To request other formats, please contact:  
Vancouver Public Works  
360-487-7130 | TTY: 360-487-8602  
[betterstreets@cityofvancouver.us](mailto:betterstreets@cityofvancouver.us)

6/27/2022

RESOLUTION NO. \_\_\_\_\_

A RESOLUTION adopting the City of Vancouver's Comprehensive Six-Year Transportation Improvement Program for 2023-2028 and revising the City's Arterial Street System and Classification Map.

WHEREAS, pursuant to RCW 35.77.010, the Vancouver Department of Public Works has prepared the Comprehensive Six-Year Transportation Improvement Program for 2023-2028 ("2023-2028 TIP"); and

WHEREAS, the purpose of the 2023-2028 TIP is to ensure that the City will have available advance plans as a guide in carrying out a coordinated street construction program; and

WHEREAS, the City's Arterial Street System and Classification Map ("Arterial Classification Map") is maintained within the 2023-2028 TIP; and

WHEREAS, City Council originally adopted the Arterial Classification Map by Resolution M-781 on November 28, 1961, and annually reviews proposals and makes classification designation changes on the map where the use of a roadway is inconsistent with its current arterial designation; and

WHEREAS, notice of the time and place for a hearing on the 2023-2028 TIP was published in accordance with law; and

WHEREAS, the City Council conducted a public hearing on June 27, 2022 at 6:30 p.m., where it considered the 2023-2028 TIP and determined to adopt it.

NOW, THEREFORE,

RESOLUTION – 1

BE IT RESOLVED BY THE CITY OF VANCOUVER:

Section 1. Legislative Findings. The recitals set forth above are adopted as the legislative findings of Vancouver's City Council in support of adoption of this resolution.

Section 2. City Council hereby adopts the 2023–2028 Comprehensive Six-Year Transportation Improvement Program, which is attached as Exhibit “A” and incorporated by this reference as if fully set forth herein.

Section 3. City Council hereby adopts the Revised Arterial Street System and Classification Map, which is contained in the 2023-2028 Comprehensive Six-Year Transportation Improvement Program.

Section 4. The City Manager or their designee is hereby directed to file the 2023-2028 Comprehensive Six-Year Transportation Improvement Program and the Revised Arterial Street System and Classification Map with the Washington State Department of Transportation within 30 days of the date of this resolution.

ADOPTED at regular session of the Council of the City of Vancouver on June 27, 2022.

---

Anne McEnery-Ogle, Mayor

Attest:

Approved as to form:

---

Natasha Ramras, City Clerk

---

Jonathan Young, City Attorney

RESOLUTION – 2





# Vancouver City Council Public Hearing 2023-2028 Transportation Improvement Program

June 27, 2022

Chris Malone

Finance and Asset Manager  
Department of Public Works





## Presentation overview

- Transportation Improvement Program (TIP) overview
- Review proposed updates for the 2023-2028 Transportation Improvement Program (TIP)
- Proposed arterial map update



2023-2028 TIP Update - 2

# Transportation Improvement Program Overview

- Per Washington law, the TIP document is updated annually with final City Council approval required before July 1 of each year.
- Improves coordinated planning between agencies.
- Bridges the gap between long-term and short-term.
- Format remains similar to previous years.
- The Transportation Mobility Commission (TMC) has made a formal recommendation to adopt this year's update.



Vancouver Public Works  
PO Box 1995  
Vancouver, WA 98668-1995  
[www.cityofvancouver.us/StreetsTIP](http://www.cityofvancouver.us/StreetsTIP)

2023-2028 TIP Update - 3

# Proposed 2023-2028 TIP Updates

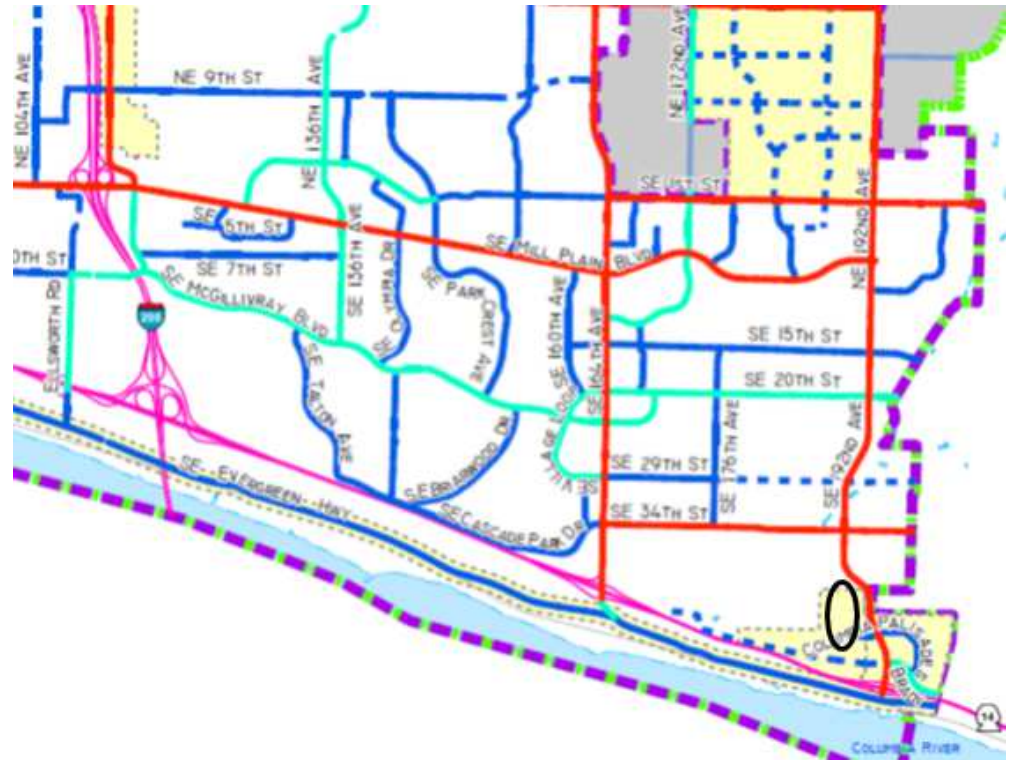
- Multiple recommendations from the TMC:
  - Changed category names to better align with intent;
  - Updated the interim project prioritization scoring criteria;
  - Pedestrian/bike improvements now have a graduated scoring scale;
  - Included non-city staff in scoring process;
  - Performed additional public outreach.



2023-2028 TIP Update - 4

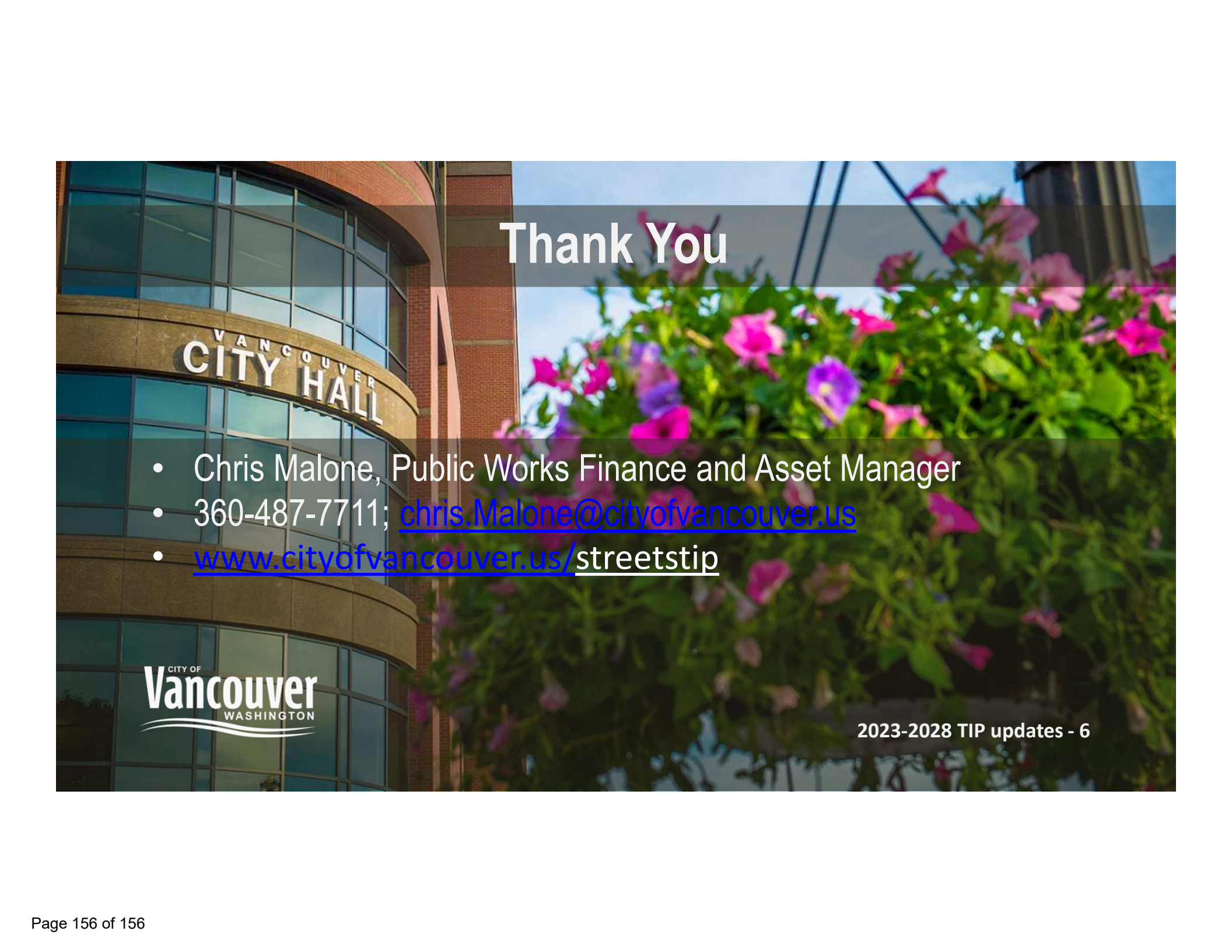
# Arterial Map Update

- Remove collector arterial in Columbia Palisades sub area plan.



2023-2028 TIP Update - 5



The background of the slide features a photograph of the Vancouver City Hall building, a modern structure with a curved glass facade and brick accents. The words "VANCOUVER CITY HALL" are visible on the building's exterior. In the foreground, there are vibrant pink and purple flowers, possibly petunias, in a planter box. A semi-transparent dark grey rectangle is overlaid on the right side of the image, containing the text "Thank You" and a bulleted list of contact information.

# Thank You

- Chris Malone, Public Works Finance and Asset Manager
- 360-487-7711; [chris.Malone@cityofvancouver.us](mailto:chris.Malone@cityofvancouver.us)
- [www.cityofvancouver.us/streetstip](http://www.cityofvancouver.us/streetstip)



2023-2028 TIP updates - 6



**Staff Report: 077-22**

**TO:** Mayor and City Council

**FROM:** Eric Holmes, City Manager

**DATE:** 6/27/2022

**SUBJECT** Housing Code Update

**Key Points**

- Like many communities, Vancouver faces a housing affordability crisis, reflected in the 2016 Vancouver Affordable Housing Task Force report and ongoing increases in the cost of housing citywide.
- Eight zoning text changes are proposed, most allowing housing types currently allowed in other jurisdictions in Clark County, and focusing on middle income housing. Two are state mandates targeting housing affordable to individuals and households that earn below median income, and specialty housing types. If changes are adopted, most subsequent development proposals to implement them would require at least one public hearing or administrative review with notice to be implemented.
- Proposed changes were adopted following a two-year process, with 10 City Council and Planning Commission workshops, eight neighborhood association meetings, two neighborhood umbrella meetings, and four developer meetings.

**Strategic Plan Alignment**

**Goal 6:** Facilitate the creation of neighborhoods where residents can walk or bike to essential amenities and services – “20-minute neighborhoods”

**Goal 8:** Strengthen commercial, retail and community districts throughout the city

**Present Situation**

Proposed changes are summarized below. All were recommended for approval unanimously by the Planning Commission at an April 12 public hearing, except where otherwise noted:

1. Creation of standards for a new R-17 zoning district allowing single family homes on 2,000 to 5,000 square foot lots, subject to access and streetfront requirements, and compliance with existing Narrow Lot standards. Streetfront and access standards would also be applied to existing R-9 and R-6 zoning districts. Requires Planning Commission review and Council

rezone approval through public hearing process to be established in specific locations.

2. Creation of standards for a new R- 50 zoning district allowing multi-family homes at densities up to 50 units per acre. One parking space per unit would be required in the new R-50 zone, and for new developments in existing multi-family zoning districts. Requires Planning Commission review and Council rezone approval through public hearing process to be established in specific locations.
3. Changes to parking standards for multi-family and specialty housing in response to new state requirements. Allows market rate apartments within ¼ mile of transit lines running every 35 minutes, or anywhere in CX zone, to provide 0.75 parking spaces per unit. Allows long term income-restricted housing affordable to households making 60% Area Median Income (AMI) or less to provide 0.75 spaces per unit citywide. Allows senior and disabled persons housing to provide no parking citywide for residents, but adds parking requirements for staff and visitors. Would require site plan review to implement.
4. A density bonus for income-restricted housing projects in response to a new state requirement. Allows density bonuses (up to 50% for single family homes and 100% for multi-family homes) for housing projects affordable to households earning up to 80% of Area Median Income. Would require site plan or subdivision review to implement.
5. New standards allowing cottage cluster developments in single family zones, whereby higher densities are allowed, but with smaller than normal homes with cottage features oriented around common open spaces. Subdivision or site plan review would be required to implement.
6. Updated requirements for minimum setbacks between new apartments and existing single-family homes, requiring apartments to be setback five feet from property lines, plus an additional three feet for every one foot of building height above 35 feet, up to a maximum requirement of 15 feet.  
*The Planning Commission split 3-3 and thus did not advance a recommendation. Those voting against an updated and increased setback for taller apartments noted that doing so would reduce housing opportunities. The proposed change noted above and included in the ordinance is the original staff recommendation.*
7. New micro-housing standards allowing apartments with shared kitchen and bathroom facilities without on-site staff.  
*The Planning Commission voted 4-2 to recommend new standards allowing micro-housing apartments with shared facilities, but with an added limitation that micro-housing developments not be eligible for the new affordable housing density bonus allowed by proposal #4 above. The two votes against wished to allow eligibility for the affordable housing density bonus if threshold standards were met. Based on Council comments at the May 12 workshop, two ordinances are provided at the June 13 first reading, one allowing micro-housing to be eligible for the affordable housing density bonus, one not allowing eligibility.*
8. Updated ADU standards allowing historical garages within side and rear building setbacks to be converted to ADUs if they meet all other ADU and building standards and are no taller than 15 feet.
9. Although not subject to public hearing review, City staff are also developing expedited building permit review processes for new single family homes providing features that facilitate aging-in-place.

Public comment through the process has been mixed and varied, with parking and densification being the most common concerns. Comments received prior to the May 16, 2022 Council workshop are summarized in the workshop staff report. Those received since are listed in Attachment C of this memorandum. Development community comments were in favor of the overall project, with concerns about single family home garage width limitations and alley provisions in #1 above, and allowances for larger cottages in #5.

### **Advantage(s)**

- Expands housing density, size and type options citywide, particularly for smaller and lower cost housing.
- Facilitates change that is likely to be modest-paced rather than rapid.
- Complies with recent state mandates.

### **Disadvantage(s)**

Does not address need for additional housing flexibility in existing single-family zones which constitute the largest designation by area citywide; this will be addressed in future action through the forthcoming comprehensive plan update process.

### **Budget Impact**

No significant impacts anticipated.

### **Prior Council Review**

Workshops or communications discussions on May 16 and March 21, 2022, and in September and June 2021, and March 2020. There was also discussion at the June 13, 2022 first reading. In response to questions, the following additional information is provided:

- R-17 minimum lot size. The proposed minimum lot size was reduced from 2,500 s.f. to 2,000 s.f. at the request of the Planning Commission at the end of 2021, and noted in Commission workshop staff report and/or presentation materials and discussions beginning in January 25, 2022. The change was made to allow more smaller and typically lower cost housing units.
- Ownership incentives. Like almost all existing Vancouver zoning code provisions and those of other jurisdictions, the proposed changes under the Housing Code Updates project are silent on ownership versus rental status. However, several of the changes facilitate smaller housing units that are typically owned, such as smaller single family lots and cottage cluster lots. Other proposals facilitate multi-family housing that is typically rented, particularly in light of current condominium liability laws. However, condominium laws are in flux and ownership of multi-family housing may be more likely in the future. Adequate supplies of affordable or below-market rental housing can facilitate future home ownership by reducing rental costs and allowing renters to accumulate sufficient funds to enter homeownership.
- Potential concentration of affordable housing developments. Most of the proposed changes target workforce or modestly below level market housing. Those changes that target affordable housing projects, such as reduced parking or increased density allowances for affordable housing, are likely to be implemented in the multi-family and commercial zoning districts where there is already ample conventional apartment and commercial development. The affordable housing project incentives are proposed to be applied more broadly than



state law requires, with affordable housing parking reductions allowed citywide and affordable housing density bonuses allowed for any parties and not just faith-based organizations, which also limits the likelihood of geographic concentrations. Staff will monitor the siting and implementation of the proposals closely.

**Action Requested**

On June 27, 2022, subject to second reading and a public hearing, approve either Ordinance A (does not allow micro-housing apartments to be eligible for an affordable housing density bonus) or Ordinance B (allows micro-housing apartments to be eligible for an affordable housing density bonus if thresholds are met).

*Bryan Snodgrass, Principal Planner, 360-487-7946*

**ATTACHMENTS:**

- ▣ Presentation
- ▣ Ordinance A
- ▣ Ordinance B
- ▣ Attachment C - Public Comment

# Housing Code Updates



June 27, 2022 Vancouver City Council Public Hearing

Bryan Snodgrass, Principal Planner, and Becky Coutinho,  
Associate Planner, Community Development Department

[www.cityofvancouver.us/cdd/page/housing-code-updates](http://www.cityofvancouver.us/cdd/page/housing-code-updates)

# Project Context

- Population growth, housing underproduction and rising housing costs- locally, regionally and statewide
- Regional affordable housing crisis exacerbated by the pandemic and associated impacts like a lack of childcare availability
- City residential development codes that have not fully adapted to changing circumstances and market trends
- Council priorities for equity, safety and climate action
- Statewide legislative changes in last several sessions related to housing supply and affordability, including mandates for local jurisdictions
- Upcoming Comprehensive Plan update that will develop a more comprehensive approach to housing strategy, including middle housing

# Project Goals

- Increase housing options, particularly of smaller, less costly housing types, with incremental change envisioned to overall housing supply
- Make modest to moderate changes, and allow housing types already allowed elsewhere in Clark County or statewide
- Promote efficient development, maintain neighborhood livability with gradual rather than rapid change, and plan for the long term
- Support private market development of attainable housing
- Implement 2016 Affordable Housing Task Force recommendation
- Respond to housing needs and conditions discussed at March 28 Council workshop

# Process to date

- Ten Planning Commission and City Council workshops, most recently May 16
- Meetings with 8 individual neighborhoods associations and two neighborhood umbrella groups (Alliance and Leaders)
- Four developer meetings, one meeting with housing providers and advocates
- On-line engagement through project website, neighborhood newsletter, Be Heard Vancouver
- All components recommended 6-0 by Planning Commission at April 12 hearing unless noted



# Considerations from 5/16 Council Discussion

- This is a first modest step in addressing the housing supply deficit that exists in our community and will have a modest impact on housing supply and affordability over time.
- It brings the City closer to alignment with some of the smaller jurisdictions locally and other comparable jurisdictions in the state.
- More significant work on increasing housing options and supply is forthcoming through the Comprehensive Plan update process.
- The overall community benefit of modest increases in density and allowed types and sizes of housing over time is more housing, at generally lower prices.



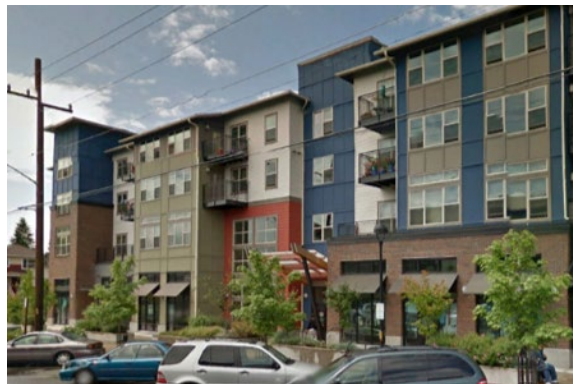
# Buildings with more units can take many forms



**Evergreen Townhomes,  
Evergreen & S Street, 21  
units per acre**



**K West Apartments, Fourth  
Plain & 57<sup>th</sup> Avenue, 35  
units per acre**



**NIA Apartments &  
Townhomes in White Center,  
WA, 59 units per acre**

# Buildings with more units can take many forms



**Esther Short Commons,  
8<sup>th</sup> & Esther, 82 units per  
acre**



**The Hamilton- 20<sup>th</sup> &  
Broadway, 157 units per  
acre**



**The Uptown- Main &  
McLoughlin, 185 units per  
acre**



# New Single-Family R-17 Zoning District Standards

- Requires rezone approval, and land division approval, with hearings.
- Limits garage widths to  $\frac{1}{2}$  front façade or 10 feet, requires front door, limits housing repetition, and facilitates alleys, for single family homes in the existing R-9, R-6 and multi-family districts in addition to new R-17.
- Allows duplexes, triplexes and fourplexes as well as SFR.
- Requires compliance with existing city narrow lot standards, including provisions for utilities, parking, alley incentives.
- Alleys required unless unfeasible for lots below 3,000 square feet, encouraged otherwise.
- Home fronts required to vary between adjacent two homes only, not those across a street.



# New R-17 – Compliance with Narrow Lots Standards

VMC 20.927, Narrow Lot Developments, requires:

- On/off site improvement plans addressing utilities, driveways and street trees
- One guest parking space per 3 lots
- Solid waste/recycling access plan
- Alley standards
- Shared driveway standards



# Proposed New Multi-Family R-50 Zoning District

- Requires rezone with hearing, and site plan review to implement.
- Allow apartments of densities up to 50 units per net acre maximum .
- Increase maximum lot coverage and building height to provide more flexibility.
- Decrease minimum parking requirement from 1.5 to 1 spaces/unit to be consistent with Citywide SFR standard. Also apply to other MFR zones. Projects can provide more parking if desired.



# State Mandated Parking Reductions Near Transit

| <b>Housing Type</b>               | <b>Current City</b> | <b>State Mandate</b>                                                                                           | <b>Recommended New City</b>                                                                                |
|-----------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Market Rate MFR                   | 1.5 spaces/unit     | 0.75 spaces/unit within ¼ mile of transit stop with 15-minute service                                          | 0.75 spaces/unit within ¼ mile of transit line with 35-minute service intervals, 1.0 spaces/unit elsewhere |
| Very affordable housing (50% AMI) | 1.5 spaces/unit     | 0.75 spaces/unit within ¼ mile of transit stop with 30-minute service                                          | 0.75 spaces/unit for affordable (60% AMI) housing citywide.                                                |
| Senior housing                    | 1.0 spaces/unit     | Zero spaces/unit within ¼ mile of transit stop with 15-minute service. Can require guest and staff parking     | 0.75 spaces/employee plus one visitor space per 10 residents citywide.                                     |
| Disabled                          | 1.5 spaces/unit     | Zero spaces/unit if within ¼ mile of transit stop with 15-minute service. Can require guest and staff parking. | 0.75 spaces/employee, plus one visitor space per 10 residents, citywide                                    |

# Mandated Density Bonus for Affordable Housing

- GMA requires allowing density bonus for long term affordable housing (defined in this case at 80% AMI for 50 years) owned or controlled by faith-based organizations
- Proposal would expand eligibility to any party providing a guarantee of meeting the threshold, with density bonus of:
  - 50% in single family zones
  - 100% in multi-family zones
- Bonus would not authorize types of structures or building heights not allowed by underlying zone. No apartments in single-family residential zones.



# Cottage Cluster Housing

- Allow clusters of small cottages around common courtyards in single-family zones
- Limit density to twice underlying zoning.
- Allow 4-12 cottages with sloped roofs and porches. Limit single units to 1,600 sf and duplexes to 3,000 sf both with 25' height limit, with allowances for 30' in project interior.





# Cottage Cluster Housing (cont.)

- At least 75% of cottage units must be near common courtyard that is generally square or round, and connected to it by pedestrian path
- Courtyard must be sized at 200 sf per cottage
- One parking space per cottage unit required. On-street parking credited.
- Requires public hearing if subdivision involved, site plan review with notice otherwise.



Housing Code Updates- 14

# Setbacks for New Apartments Next to Existing Homes

- Current code based on underlying zoning requires 5-foot setback from the property line, with 6-foot high shrub screen or fence
- Planning Commission split 3-3, with half wanting no change to existing requirement. No Commission recommendation forwarded.
- Proposal includes original staff recommendation for additional one foot setback for every three feet of proposed building height over 35 feet. 50 foot building would be setback 10 feet.
- Requires site plan review.



# Micro-housing – MFR with shared Kitchen and Bathroom

- Allow apartments with shared kitchen or bathroom facilities in multi-family zones.
- Currently allowed only in medical or recovery context with on-site staff. Proposed to allow apartments without staff.
- Planning Commission recommended by 4-2 with provision that micro-housing couldn't be combined with affordable housing density bonus.
- Requires site plan review to develop.



# ADUs in Existing Garages within Setbacks

- Existing historic garages in setbacks can't currently be converted to ADUs.
- Proposal would allow replacement or conversion to ADUs provided building and planning standards met, and height of structure within setback limited to 15 feet.
- Requires building permit review.



# New Homes to facilitate Aging-in-Place

- Incentivize new home construction to support aging in place through wide doorways, first floor bathrooms, and zero-step entries.
- Proposal would expedite building permit review timelines, provide information for applicants, and designate a staff contact.
- No vote required because only process changes involved. Supported by Planning Commission, also without vote.



# Return for Council questions, public hearing, deliberations, and decision

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## ATTACHMENT A

**{Does not allow micro housing apartments to be eligible for affordable housing density bonus.}**

06/13/22

06/27/22

### ORDINANCE NO. M\_\_\_\_\_

AN ORDINANCE relating to zoning code text changes allowing for increased options for housing types and densities citywide; amending Vancouver Municipal Code (VMC) 20.410, 20.420, 20.810, 20.927, 20.945, and adding new sections 20.815 and 20.950; providing for savings, severability and an effective date.

WHEREAS, pursuant to the Growth Management Act the City Council has adopted Vancouver Municipal Code (VMC) Title 20 Land Use and Development Code (last amended through Ordinance M-4034); and

WHEREAS, the City of Vancouver faces increasing affordable housing challenges and rising housing costs and challenges in providing sufficient housing for all economic segments as documented in the [2016 City of Vancouver Affordable Housing Task Force Report](#) and a March 28, 2022 City Council workshop presentation and discussion; and

WHEREAS, to increase housing options and supply, comply with new state mandates, and facilitate incremental change, the Vancouver Community Development Department embarked on a two year community engagement process encompassing ten public workshops before the Vancouver Planning Commission and City Council, eight meetings with individual neighborhood associations, two meetings with citywide neighborhood umbrella groups, four meetings with developers, and ongoing online outreach through a project website, Be Heard Vancouver information, and project surveys; and

WHEREAS, at an April 12, 2022 duly advertised public hearing following a March 8 duly advertised public workshop, the Planning Commission voted unanimously to recommend that the City Council adopt six proposed zoning code text changes, voted 4-2 to recommend adoption of one other zoning code text change related to micro housing apartments with shared bath or kitchen facilities, and

ORDINANCE - 1

voted 3-3 with no Commission recommendation moving forward on one other zoning code text change related to setbacks between new apartment development and abutting single family homes; and

WHEREAS, the City Council will be conducting a duly advertised public first reading on June 13, and duly advertised public hearing on June 26, 2022; and

WHEREAS, the cumulative environmental impacts of the proposed zoning text changes have been reviewed and determined to be nonsignificant pursuant to the State Environmental Policy Act (SEPA). A Notice of Determination of Non-significance (DNS) was issued on April 1, 2022, for the proposed zoning code text changes and no SEPA comments or appeals were received; and

WHEREAS, the City Council finds and concludes that the proposed changes are consistent with all relevant criteria Zoning Plan Map and Text Amendments (VMC 20.285); and

NOW, THEREFORE,

BE IT ORDAINED BY THE CITY OF VANCOUVER:

**Section 1. Findings and Conclusions.** The findings and conclusions as set forth in the staff report for the April 12, 2022, Planning Commission Public Hearing are hereby adopted as the City Council's findings of fact; and

**Section 2. Zoning Code Text Changes.**

**a. The following portions of Vancouver Municipal Code Section 20.410, are amended as follows:**

**20.410.020 List of Zoning Districts.**

A. R-2: Low-Density Residential District. The R-2 zoning district is designed to accommodate detached single dwellings with or without accessory residential units at a minimum lot size of 20,000 square feet and a density of 1.8 to 2.2 units/net acre. Some civic and institutional uses are permitted as limited or conditional uses. The R-2 zoning district was referred to as R1-20 zone prior to March 11, 2004.

B. R-4: Low-Density Residential District. The R-4 zoning district is designed to accommodate detached single dwellings with or without accessory residential units at a

minimum lot size of 10,000 square feet and a density of 2.3 to 4.4 units/net acre. Some civic and institutional uses are permitted as limited or conditional uses. The R-4 zoning district was referred to as R1-10 zone prior to March 11, 2004.

C. R-6: Low-Density Residential District. The R-6 zoning district is designed to accommodate detached single dwellings with or without accessory residential units at a minimum lot size of 7,500 square feet and a density of 4.5 to 5.8 units/net acre. Some civic and institutional uses are permitted as limited or conditional uses. The R-6 zoning district was referred to as R1-7.5 zone prior to March 11, 2004.

D. R-9: Low-Density Residential District. The R-9 zoning district is designed to accommodate detached single dwellings with or without accessory residential units at a minimum lot size of 5,000 square feet and a density of 5.9 to 8.7 units/net acre. Some civic and institutional uses are permitted as limited or conditional uses. The R-9 zoning district is a new zoning district that combines what was referred to as R1-6 and R1-5 zones prior to March 11, 2004. (Ord. M-3643, 2004)

E. R-17: Low-Density Residential District. The R-17 zoning district is designed to accommodate detached and attached single dwellings with or without accessory residential units at a minimum lot size of 2,000 square feet and a density of 8.8 to 21.8 units/net acre. Some civic and institutional uses are permitted as limited or conditional uses.

**20.410.030 Uses.**

A. *Types of uses.* For the purposes of this chapter, there are four kinds of use:

1. A permitted (P) use is one that is permitted outright, subject to all of the applicable provisions of this title.
2. A limited (L) use is permitted outright providing it is in compliance with special requirements, exceptions or restrictions.
3. A conditional use (C) is a discretionary use reviewed through the process set forth in Chapters [20.245](#) and [20.210](#) VMC, governing conditional uses and decision-making procedures, respectively.
4. A prohibited use (X) is one that is not permitted in a zoning district under any circumstances.

B. *Use table.* A list of permitted, limited, conditional, and prohibited uses in Low-Density Residential Districts is presented in Table 20.410.030-1.

**Table 20.410.030-1. LOWER-DENSITY RESIDENTIAL DISTRICTS USE TABLE**

| USE | R-2 | R-4 | R-6 | R-9 | <b>R-17</b> |
|-----|-----|-----|-----|-----|-------------|
|-----|-----|-----|-----|-----|-------------|

| USE                                     | R-2                   | R-4                   | R-6                   | R-9                   | <b>R-17</b>             |
|-----------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|
| <b>RESIDENTIAL</b>                      |                       |                       |                       |                       |                         |
| Household Living                        | P <sup>1</sup>        | P <sup>1</sup>        | P <sup>1</sup>        | P <sup>1</sup>        | <b>P<sup>1</sup></b>    |
| Group Living                            | P/X <sup>1</sup>      | P/X <sup>1</sup>      | P/X <sup>1</sup>      | P/X <sup>1</sup>      | <b>P/X<sup>1</sup></b>  |
| Home Occupation                         | L <sup>2</sup>        | L <sup>2</sup>        | L <sup>2</sup>        | L <sup>2</sup>        | <b>L<sup>2</sup></b>    |
| Medical Center Residential              | L <sup>23</sup>       | L <sup>23</sup>       | L <sup>23</sup>       | L <sup>23</sup>       | <b>L<sup>23</sup></b>   |
| <b>HOUSING TYPES</b>                    |                       |                       |                       |                       |                         |
| Single Dwelling, Attached               | L <sup>18</sup>       | L <sup>18</sup>       | L <sup>18</sup>       | L <sup>18</sup>       | <b>L<sup>18</sup></b>   |
| Single Dwelling, Detached               | P                     | P                     | P                     | P                     | <b>P</b>                |
| Accessory Dwelling Units                | L <sup>4</sup>        | L <sup>4</sup>        | L <sup>4</sup>        | L <sup>4</sup>        | <b>L<sup>4</sup></b>    |
| Duplexes <sup>22</sup>                  | L <sup>21</sup>       | L <sup>21</sup>       | L <sup>21</sup>       | L <sup>21</sup>       | <b>L<sup>24</sup></b>   |
| Multi-Dwelling Units                    | X                     | X                     | X                     | X                     | <b>L<sup>24</sup></b>   |
| Existing Manufactured Home Developments | L <sup>5</sup>        | L <sup>5</sup>        | L <sup>5</sup>        | L <sup>5</sup>        | <b>L<sup>5</sup></b>    |
| Designated Manufactured Homes           | L/X <sup>19</sup>     | L/X <sup>19</sup>     | L/X <sup>19</sup>     | L/X <sup>19</sup>     | <b>L/X<sup>19</sup></b> |
| New Manufactured Homes                  | L <sup>20</sup>       | L <sup>20</sup>       | L <sup>20</sup>       | L <sup>20</sup>       | <b>L<sup>20</sup></b>   |
| <b>Cottage Cluster Housing</b>          | <b>p<sup>25</sup></b> | <b>p<sup>25</sup></b> | <b>p<sup>25</sup></b> | <b>p<sup>25</sup></b> | <b>X</b>                |
| <b>CIVIC (Institutional)</b>            |                       |                       |                       |                       |                         |
| Basic Utilities                         | C                     | C                     | C                     | C                     | <b>C</b>                |
| Colleges                                | C                     | C                     | C                     | C                     | <b>C</b>                |
| Community Centers                       | X                     | X                     | X                     | X                     | <b>X</b>                |
| Community Recreation                    | C <sup>6</sup>        | C <sup>6</sup>        | C <sup>6</sup>        | C <sup>6</sup>        | <b>C<sup>6</sup></b>    |
| Cultural Institutions                   | P/C <sup>7</sup>      | P/C <sup>7</sup>      | P/C <sup>7</sup>      | P/C <sup>7</sup>      | <b>P/C<sup>7</sup></b>  |



| USE                                               | R-2                 | R-4                 | R-6                 | R-9                 | R-17                      |
|---------------------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------------|
| <b>Day Care</b>                                   |                     |                     |                     |                     |                           |
| - Family Day Care Home                            | P <sup>8</sup>      | P <sup>8</sup>      | P <sup>8</sup>      | P <sup>8</sup>      | <u>P<sup>8</sup></u>      |
| - Child Care Center                               | L/C <sup>11</sup>   | L/C <sup>11</sup>   | L/C <sup>11</sup>   | L/C <sup>11</sup>   | <u>L/C<sup>11</sup></u>   |
| - Adult Day Care                                  | L/C/X <sup>9</sup>  | L/C/X <sup>9</sup>  | L/C/X <sup>9</sup>  | L/C/X <sup>9</sup>  | <u>L/C/X<sup>9</sup></u>  |
| Emergency Services<br>(except ambulance services) | L/C <sup>11</sup>   | L/C <sup>11</sup>   | L/C <sup>11</sup>   | L/C <sup>11</sup>   | <u>L/C<sup>11</sup></u>   |
| Ambulance Services                                | X                   | X                   | X                   | X                   | <u>X</u>                  |
| Medical Centers                                   | X                   | X                   | X                   | X                   | <u>X</u>                  |
| <b>Parks/Open Space</b>                           |                     |                     |                     |                     |                           |
| - Neighborhood Parks                              | P                   | P                   | P                   | P                   | <u>P</u>                  |
| - Community Parks                                 | L <sup>10</sup> /C  | L <sup>10</sup> /C  | L <sup>10</sup> /C  | L <sup>10</sup> /C  | <u>L<sup>10</sup>/C</u>   |
| - Regional Parks                                  | C                   | C                   | C                   | C                   | <u>C</u>                  |
| - Trails                                          | L <sup>10</sup>     | L <sup>10</sup>     | L <sup>10</sup>     | L <sup>10</sup>     | <u>L<sup>10</sup></u>     |
| Postal Service                                    | C                   | C                   | C                   | C                   | <u>C</u>                  |
| Religious Institutions                            | L/C <sup>11</sup>   | L/C <sup>11</sup>   | L/C <sup>11</sup>   | L/C <sup>11</sup>   | <u>L/C<sup>11</sup></u>   |
| Schools                                           | L/C <sup>11</sup>   | L/C <sup>11</sup>   | L/C <sup>11</sup>   | L/C <sup>11</sup>   | <u>L/C<sup>11</sup></u>   |
| Social/Fraternal Clubs                            | X                   | X                   | X                   | X                   | <u>X</u>                  |
| Transportation Facility                           | C <sup>12</sup>     | C <sup>12</sup>     | C <sup>12</sup>     | C <sup>12</sup>     | <u>C<sup>12</sup></u>     |
| <b>COMMERCIAL</b>                                 |                     |                     |                     |                     |                           |
| Commercial and Transient Lodging                  | L/C/X <sup>13</sup> | L/C/X <sup>13</sup> | L/C/X <sup>13</sup> | L/C/X <sup>13</sup> | <u>L/C/X<sup>13</sup></u> |
| <b>Eating/Drinking Establishments</b>             | X                   | X                   | X                   | X                   | <u>X</u>                  |
| Entertainment-Oriented                            |                     |                     |                     |                     |                           |
| - Adult Entertainment                             | X                   | X                   | X                   | X                   | <u>X</u>                  |

| USE                                           | R-2             | R-4             | R-6             | R-9             | R-17            |
|-----------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| - Indoor Entertainment                        | X               | X               | X               | X               | X               |
| - Major Event Entertainment                   | X               | X               | X               | X               | X               |
| <b>General Retail</b>                         |                 |                 |                 |                 |                 |
| - Sales-Oriented                              | C <sup>14</sup> | C <sup>14</sup> | C <sup>14</sup> | C <sup>14</sup> | C <sup>14</sup> |
| - Personal Services                           | C <sup>14</sup> | C <sup>14</sup> | C <sup>14</sup> | C <sup>14</sup> | C <sup>14</sup> |
| - Repair-Oriented                             | X               | X               | X               | X               | X               |
| - Bulk Sales                                  | X               | X               | X               | X               | X               |
| - Outdoor Sales                               | X               | X               | X               | X               | X               |
| <b>Motor Vehicle Related</b>                  |                 |                 |                 |                 |                 |
| - Motor Vehicle Sales/Rental                  | X               | X               | X               | X               | X               |
| - Motor Vehicle Servicing/Repair              | X               | X               | X               | X               | X               |
| - Vehicle Fuel Sales                          | X               | X               | X               | X               | X               |
| - EV Basic Charging Stations (accessory only) | P               | P               | P               | P               | P               |
| - EV Rapid Charging Stations (accessory only) | P               | P               | P               | P               | P               |
| - EV Battery Exchange Stations                | X               | X               | X               | X               | X               |
| <b>Office</b>                                 |                 |                 |                 |                 |                 |
| - General                                     | X               | X               | X               | X               | X               |
| - Medical                                     | X               | X               | X               | X               | X               |
| - Extended                                    | X               | X               | X               | X               | X               |
| Non-Accessory Parking                         | X               | X               | X               | X               | X               |
| Self-Service Storage                          | X               | X               | X               | X               | X               |

| USE                                          | R-2             | R-4             | R-6             | R-9             | R-17            |
|----------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Marina                                       | C               | C               | C               | C               | C               |
| <b>INDUSTRIAL</b>                            |                 |                 |                 |                 |                 |
| Industrial Services                          | X               | X               | X               | X               | X               |
| Manufacturing and Production                 | X               | X               | X               | X               | X               |
| Railroad Yards                               | X               | X               | X               | X               | X               |
| Research and Development                     | X               | X               | X               | X               | X               |
| Warehouse/Freight Movement                   | X               | X               | X               | X               | X               |
| Wholesale Sales                              | X               | X               | X               | X               | X               |
| Waste-Related                                | X               | X               | X               | X               | X               |
| Major Utility Facilities                     | X               | X               | X               | X               | X               |
| <b>OTHER</b>                                 |                 |                 |                 |                 |                 |
| Agriculture/Horticulture                     | P               | P               | P               | P               | P               |
| Airport/Airpark                              | X               | X               | X               | X               | X               |
| Animal Kennels/Shelters                      | X               | X               | X               | X               | X               |
| Cemeteries                                   | C <sup>15</sup> | C <sup>15</sup> | C <sup>15</sup> | C <sup>15</sup> | C <sup>15</sup> |
| Detention & Post Detention Facilities        | X               | X               | X               | X               | X               |
| Dog Day Care                                 | X               | X               | X               | X               | X               |
| Heliports                                    | X               | X               | X               | X               | X               |
| Recreational or Medical Marijuana Facilities | X               | X               | X               | X               | X               |
| Medical Marijuana Cooperatives               | X               | X               | X               | X               | X               |
| Mining                                       | X               | X               | X               | X               | X               |

| USE                               | R-2                 | R-4                 | R-6                 | R-9                 | R-17                |
|-----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Rail Lines/Utility Corridors      | P                   | P                   | P                   | P                   | P                   |
| Temporary Uses                    | L <sup>16</sup>     | L <sup>16</sup>     | L <sup>16</sup>     | L <sup>16</sup>     | L <sup>16</sup>     |
| Wireless Communication Facilities | L/C/X <sup>17</sup> | L/C/X <sup>17</sup> | L/C/X <sup>17</sup> | L/C/X <sup>17</sup> | L/C/X <sup>17</sup> |
|                                   |                     |                     |                     |                     |                     |

**1** Residential Care Homes, state or federally approved, with six or fewer residents and any required on-site residential staff permitted by right; all larger group living uses prohibited.

**2** Subject to the provisions of Chapter [20.860](#) VMC, Home Occupations.

**4** Subject to the provisions of Chapter [20.810](#) VMC, Accessory Dwelling Units.

**5** Subject to the provisions of Chapter [20.880](#) VMC, Manufactured Home Parks. Manufactured Home Developments established prior to July 1, 2005, are exempt from the standards of VMC [20.410.050\(F\)](#), Criteria for Placement of Manufactured Homes, and may continue to exist and expand within existing previously approved boundaries. An existing manufactured home in a development or subdivision may be replaced or may be relocated either to an approved manufactured home development or an approved manufactured home subdivision.

**6** Subject to provisions in VMC [20.895.040](#), Community Recreation and Related Facilities.

**7** Libraries only permitted outright; all other cultural institutions are conditional uses.

**8** Family day care homes for no more than 12 children are permitted when licensed by the state.

**9** Adult day care facilities for six or fewer adults allowed as limited uses subject to compliance with the development standards governing Home Occupations, per VMC [20.860.020\(B\)\(1\)](#) through [\(B\)\(7\)](#); facilities with seven to 12 adults allowed as conditional uses; and larger facilities are prohibited.

**10** Community parks that meet all of the criteria contained in VMC [20.410.050\(E\)\(1\)](#) are permitted by limited uses; all others require conditional use approval. Trails are limited uses subject to the additional development standards contained in VMC [20.410.050\(E\)](#).

**11** Schools, religious institutions, government buildings, fire stations, child care centers, and emergency services facilities that meet all of the criteria contained in VMC [20.410.050\(D\)](#) are permitted by right; all others require conditional use approval. Child care centers permitted by right shall be consistent with Chapter [20.840](#) VMC, Child Care Centers, and be subject to Type II review pursuant to VMC [20.210.050](#).

**12** Except bus, trolley and streetcar stops, including bus shelters, which are allowed by right.

**13** One- and two-bedroom Bed-and-Breakfast facilities are permitted outright and three- to six-bedroom Bed-and-Breakfast facilities are allowed as conditional uses, with all Bed-and-Breakfast facilities subject to provisions of Chapter [20.830](#) VMC, Bed-and-Breakfast Establishments. No more than six bedrooms are allowed under any circumstances. All other commercial lodging is prohibited.

**14** Retail commercial uses limited to 1,500 gsf per use to a maximum of 5,000 square feet in planned developments of 150 units or more. See VMC [20.260.020\(B\)\(1\)\(b\)\(2\)](#).

**15** Subject to provisions in VMC [20.895.030](#).

**16** Subject to provisions in Chapter [20.885](#) VMC, except sales of fireworks which is prohibited in residential zones.

**17** Building-mounted antennas are allowed by conditional use on nonresidential buildings in single-family residential zones subject to requirements contained in Chapter [20.890](#) VMC, Wireless Communication Facilities.

**18** Subject to VMC [20.260.020\(B\)\(1\)\(a\)\(2\)](#), planned development, and subject to VMC [20.910.050](#), Zero Lot Line Developments.

**19** A "designated manufactured home" is exempt from the development standards of VMC [20.410.050\(F\)](#) and may continue to exist and expand. An existing unit may be replaced or may be relocated either to an approved manufactured home development or an approved manufactured home subdivision. After July 1, 2005, only "new manufactured homes" that also meet the "designated manufactured home" criteria will be permitted on individual lots not part of an existing approved manufacturing home development or manufactured home subdivision. Except that a new manufactured home placed on an individual lot after July 1, 2005, may be relocated as permitted by this title if within five years of the date of the original placement.

**20** Subject to VMC [20.410.050\(F\)](#), Development Standards – Criteria for Placement of Manufactured Homes.

**21** Subject to Chapter [20.920](#) VMC, Infill Development Standards.

**22** Existing duplexes built on lots meeting the minimum infill lot size standards of Table 20.920.060-1 shall be considered conforming uses even if not part of an infill development.

**23** Medical Center Residential uses, as defined in VMC [20.160.020](#), are permitted outright if approved through a public facilities master plan per VMC [20.680.040](#).

**24** Two-family dwellings (Duplexes), three-family, or four-family dwellings are permitted subject to density and development standards of the R-17 district.

**25.** Pursuant to VMC 20.950, Cottage Cluster Standards

(Ord. M-4255 § 6, 2018; Ord. M-4254 § 3(BB), 2018; Ord. M-4187 § 5, 2016; Ord. M-4071 § 7, 2014; Ord. M-4066 § 5, 2013; Ord. M-4035 § 2, 2012; Ord. M-4034 § 10, 2012; Ord. M-4024 § 6, 2012; Ord. M-4002 § 5, 2011; Ord. M-3931 § 9, 2009; Ord. M-3922 § 19, 2009; Ord. M-3840 § 18, 2007; Ord. M-3709 § 4, 2005; Ord. M-3663 § 12, 2004; Ord. M-3643, 2004)

#### 20.410.040 Minimum and Maximum Densities.

A. *Purpose.* The purpose of this section is to establish minimum and maximum densities in each residential zoning district. To ensure the quality and density of development envisioned, the maximum density establishes the ceiling for development in each zoning district based on minimum lot size. To ensure that property develops at or near the density envisioned for the zone, the minimum density for each zoning district is set at just above the maximum density of the next less intense zone.

B. *Maximum and minimum densities.* The maximum and minimum densities for the Low-Density Residential Districts are contained in Table 20.410.040-1.

| Table 20.410.040-1<br>Minimum and Maximum Densities and Lot Sizes <sup>1, 2</sup> |                  |                     |                      |                     |
|-----------------------------------------------------------------------------------|------------------|---------------------|----------------------|---------------------|
| Zone                                                                              | Minimum Lot Size | Maximum Net Density | Maximum Average Size | Minimum Net Density |
| R-2                                                                               | 20,000 sf        | 2.2                 | 30,000 sf            | 1.8                 |
| R-4                                                                               | 10,000 sf        | 4.4                 | 19,000 sf            | 2.3                 |
| R-6                                                                               | 7,500 sf         | 5.8                 | 10,500 sf            | 4.5                 |
| R-9                                                                               | 5,000 sf         | 8.7                 | 7,400 sf             | 5.9                 |
| <b>R-17</b>                                                                       | <b>2,000 sf</b>  | <b>21.8</b>         | <b>4,900 sf</b>      | <b>8.8</b>          |

**1** The minimum and maximum density factors shall only be used for calculating densities of planned unit developments governed by VMC [20.260](#), infill development, density transfer, and situations where an existing house is allowed on a larger than maximum lot size per VMC [20.410.040.C.2.c](#) (Exceptions). Minimum densities shall be calculated based on the gross area of the site minus any public rights-of-way, street tracts, private road easements, lots for dwellings existing on December 11, 2004, or designated critical areas."

**2. Housing projects devoted entirely to housing affordable to households earning 80% or less of Area Median Income (AMI) and providing guarantee acceptable to the Planning Official that such units will remain affordable at this level for 50 years may increase the maximum net density and reduce the associated minimum lot size requirement of the underlying zone by up to 50% in the R-2, R-4, R-6, R-9, and R-17 zones, provided this is not used to exceed underlying zoning district requirements for permitted structure or use types, building heights, or other development regulations.**

C. *Exceptions.* The following exceptions are permitted to the lot size and density provisions for the R-2- R-9 zoning districts contained in Table 20.410.040-1 above:

1. Minimum lot size/maximum density:

- a. Lots developed or approved before March 11, 2004, are exempt from the requirements for minimum density. However, if a site is completely redeveloped, the new development must comply with the minimum density requirements contained in Table 20.410.010-1 above.
- b. Non-residential uses are exempt from minimum lot sizes.
- c. Within a development of two or more lots, the minimum lot size may be averaged as long as no lot is smaller than 80% of the minimum required lot size.
- d. Legal lots of record (lots legally created) that do not meet the minimum lot size requirement may be developed with a single dwelling unit.
- e. When the maximum density contains a fraction of a unit, the applicant must round to the nearest whole unit. For calculations of X.1 – X.4, this means rounding down; for calculations of X.5 – X.9, this means rounding up to the next whole unit.

2. Maximum lot size/minimum density:

- a. Non-residential uses are exempt from maximum lot sizes.
- b. On large parcels containing an existing dwelling on March 11, 2004, a lot no greater than one acre may be created around the existing dwelling with the remainder platted to create the number of dwelling units required within the range of minimum and maximum density established for the zoning district in which the parcel is located.
- c. When the minimum density contains a fraction of a unit, the applicant must round to the nearest whole unit. For calculations of X.1 – X.4, this means rounding down; for calculations of X.5 – X.9, this means rounding up to the next whole unit.
- d. On sites that contain sensitive environmental conditions, all or a portion of the sensitive resources areas may be deducted from the gross lot area before the minimum and maximum densities are calculated unless the applicant chooses to transfer density per the requirements of Chapter [20.940](#) VMC, On-Site Density Transfers.

3. *Planned Developments.* See VMC Chapter [20.260.060](#) (Development Standards – Item 4) for additional exceptions to lot size requirements. (Ord. M-3931 § 10, 2009; Ord. M-3701 § 13, 2005; Ord. M-3643, 2004)

**20.410.050 Development Standards.**

A. *Compliance Required.* All developments must comply with:

1. All of the applicable development standards contained in the underlying zoning district, except where the applicant has obtained a variance(s) in accordance with Chapters [20.290](#) VMC.

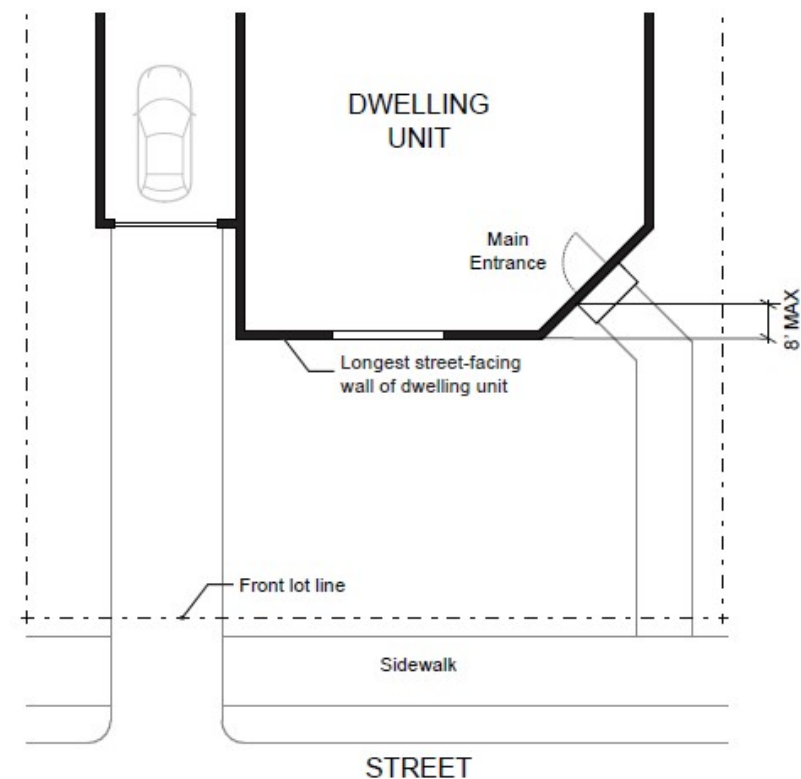
2. All other applicable standards and requirements contained in this title.

B. *Development standards.* Development standards in low-density residential zoning districts are contained in Table 20.410.050-1. These apply to all primary dwellings and accessory buildings on the site. For additional regulations governing accessory buildings, see Chapter [20.902](#) VMC.

1. Additional standards within R-6, R-9, and R-17 Zoning Districts. The following standards are in addition to the requirements in Table 20.410.050-1.

a. Garages. The width of the garage door facing the street may be up to 50 percent of the width of the street-facing building façade or 10' in length, whichever is greater. Garage limitations do not apply to residential development accessed through rear alleys, or where the garage is located in the rear of the lot.

b. Main Entrances. Main entrances shall be visible from the street and must have a porch or entry, and face the street or be oriented at an angle of not more than 45 degrees from the street-facing façade. Corner lot homes may face either street.





c. Front Façade Variety. Duplicative front façades of detached single- family structures facing the same street are prohibited. Sufficient differences can be achieved through meeting at least three of the following design features:

- i. Varied or staggered front setbacks, with variations of at least five feet;
- ii. Different building heights, with the two heights varying by at least five feet;
- iii. Varied rooflines such as hipped or pitched roofs;
- iv. Different window opening locations and designs;
- v. Different garage location, configuration, and design.

d. Alleys. Where alleys are present, all garages and on-site parking shall be accessible from the alley. In R-17 zones, single-family residential developments shall utilize rear alley-loading as follows:

- i. Alleys shall be required for developments on sites of four acres or larger where the proposed average new lot size is less than 3,000 square feet unless the application demonstrates and the Planning Official agrees that alleys are unfeasible due to significant site constraints such as significant variations in topography, irregular site shape, or presence of natural resource constraints
- ii. Alleys are encouraged in all other cases

e. Compliance with Narrow Lot Development Standards. Developments within the R-17 zoning district shall be subject to [VMC 20.927, Narrow Lot Development Standards](#), with the exception of [VMC 20.927.040.A.5.d garage width standards.](#) }

Location and configuration of driveways. Driveways shall be located to preserve space for on-street parking by meeting one of the following requirements.

- i. For housing units or developments on corner lots, off-street parking areas shall be accessed on the back façade or located in the rear yard. No off-street parking shall be allowed in the front yard or side yard.
  - ii. Driveways providing access to the front façade must be consolidated for adjacent dwellings.
  - iii. Consolidated driveways shall be tapered (i.e., narrower where they connect to the street and wider at the back to the driveway) to minimize the width of curb cuts and to enhance pedestrian safety.
  - iv. Individual driveways must be separated by at least 20' as measured from the edge of the driveway apron.
- f. Solid Waste Provisions. The development application shall include a plan for access for solid waste and recycling collection service, indicating common or individual unit collection points with demonstrated access and turning space for solid waste vehicles

| <b>Table 20.410.050-1</b><br><b>Development Standards in Lower-density Residential Zones</b> |            |            |                         |                         |                             |
|----------------------------------------------------------------------------------------------|------------|------------|-------------------------|-------------------------|-----------------------------|
| <b>STANDARD</b>                                                                              | <b>R-2</b> | <b>R-4</b> | <b>R-6</b>              | <b>R-9</b>              | <b><u>R-17</u></b>          |
| Minimum Lot Size <sup>5</sup>                                                                | 20,000 sf  | 10,000 sf  | 7,500 sf                | 5,000 sf                | <u>2,000 sf</u>             |
| Maximum Lot Size                                                                             | 30,000 sf  | 19,000 sf  | 10,500 sf               | 7,400 sf                | <u>5,000 sf</u>             |
| Maximum Lot Coverage                                                                         | 50%        | 50%        | 50%                     | 50%                     | <u>65%</u>                  |
| Minimum Lot Width <sup>5</sup>                                                               | 100'       | 80'        | 50'                     | 45'                     | <u>25'</u>                  |
| Minimum Lot Depth <sup>5</sup>                                                               | 100'       | 90'        | 90'                     | 65'                     | <u>65'</u>                  |
| Minimum Setbacks                                                                             |            |            |                         |                         |                             |
| Front yard                                                                                   | 10'        | 10'        | 10' <sup>6</sup>        | 10' <sup>6</sup>        | <u>10' <sup>6</sup></u>     |
| Rear and through yards <sup>4</sup>                                                          | 5'         | 5'         | 5'                      | 5'                      | <u>5'</u>                   |
| Side yard                                                                                    | 10'        | 7'         | 0' <sup>15' 2</sup>     | 0' <sup>1/5' 2</sup>    | <u>0' <sup>1/5' 2</sup></u> |
| Street side yard                                                                             | 10'        | 10'        | <u>10' <sup>8</sup></u> | <u>10' <sup>8</sup></u> | <u>8</u>                    |
| Garage/Carport from public/private street right-of-way or sidewalk easement                  | 20'        | 20'        | 18'                     | 18'                     | <u>18'</u>                  |
| Garage/Carport from alley <sup>3</sup>                                                       | 15'        | 10'        | 5'                      | 5'                      | <u>5'</u>                   |

| <b>Table 20.410.050-1</b><br><b>Development Standards in Lower-density Residential Zones</b> |            |            |            |            |                    |
|----------------------------------------------------------------------------------------------|------------|------------|------------|------------|--------------------|
| <b>STANDARD</b>                                                                              | <b>R-2</b> | <b>R-4</b> | <b>R-6</b> | <b>R-9</b> | <b><u>R-17</u></b> |
| Maximum Height                                                                               | 35'        | 35'        | 35'        | 35'        | <u>35'</u>         |
| Minimum Off-Street Parking Spaces                                                            | 1          | 1          | 1          | 1          | <u>1</u>           |
| Minimum Landscaping Requirement (percentage of total net area)                               | 10%        | 10%        | 10%        | 10%        | <u>10%</u>         |

**1** Subject to Chapter [20.910.050](#) VMC.

**2** For each additional 10 feet of building height, or fraction thereof, over 25 feet, add 2 feet to the setback to a maximum of 10 feet on each side or rear yard.

**3** There must be a minimum of 20' maneuvering space from entrance edge of the carport or garage to opposite edge of the alley.

**4** A through lot will be treated as an interior rear yard, especially with respect to placement of principal and accessory structures, location of parking and height of fences only when there is no vehicular access to the abutting street. If access occurs then the through lot yard will be treated in all respects as a front yard.

**5** Smaller lot sizes and dimensions may be allowed subject to VMC 20.920, Infill Development Standards.

**6** Covered porches, eaves, bay windows, columns, or other structural extensions may extend up to 5-feet into the front setback or in accordance with 20.910.040.A.

*C. Institutional development standards.* Institutional uses such as colleges, schools, religious institutions, and emergency services facilities that locate within Low-Density Residential Districts shall comply with the following development standards:

1. For portions of an institutional campus abutting residentially-zoned property (not separated by a street):

a. Minimum setback: 35 feet.

b. Maximum height: 35 feet at the setback increasing one foot for every one foot of additional setback to a maximum of 75 feet.

c. Minimum landscaped buffering between the institutional use and residential development: 15 feet.

2. The development standards in subsection (1) above do not apply to existing buildings.

3. All other development standards on the institutional campus are the same as those in the underlying base zone except as follows:

a. Modified through a variance procedure per the requirements of Chapter [20.290](#) VMC alone or in conjunction with a Conditional Use procedure per the requirements of Chapter [20.245](#) VMC; or

b. Established as part of a Public Facilities Master Plan procedure per the requirements of Chapter [20.268](#) VMC.

D. *Criteria for institutions as limited uses.* As noted in Table 20.410.030-1 above, a school, religious institution, government building, fire station, child care center or emergency services facility is allowed as a limited use if it meets all of the criteria described below. An institution that does not comply with all of these criteria must be reviewed as a conditional use, except for school modular classrooms, which shall be permitted outright.

1. The site contains no more than 12 acres for an elementary school, not to exceed 75,000 gsf.

2. The site contains no more than two acres for a religious institution, not to exceed 30,000 gsf.

3. The site contains no more than one acre for a child care center, not to exceed 10,000 gsf.

4. The site takes its primary access from no less than a minor arterial.

5. If a religious institution also has a private elementary school, the total development shall not exceed 60,000 gsf and seven acres.

E. Criteria for Parks/Open Space as limited uses (Reserved for future use)

F. *Criteria for Placement of Manufactured Homes.*

1. General Provisions:

a. Manufactured homes are permitted on individual lots in the R-2, R-4, R-6, and R-9 residential zones in accordance with the placement standards as set forth in this section and other provisions which apply to conventionally built dwellings.

b. Nothing in these provisions shall be interpreted as superseding deed, covenants, or restrictions which are generally not enforced by the city.

c. Existing manufactured home developments and manufactured home subdivisions are permitted and are not subject to the provisions of this chapter. An existing manufactured home in a development or subdivision may continue to lawfully exist and be replaced or can be relocated either to an approved manufactured home development or an approved manufactured home subdivision.

d. A new manufactured home placed on an individual lot subsequent to the adoption of this ordinance, may be relocated as permitted by this title if within (5) five years of the date of the original placement.

## 2. Manufactured Home Placement Standards:

Except as allowed in subsections 1c and 1d above, all manufactured homes placed within the City of Vancouver shall comply with the following standards:

a. Manufactured homes must meet the development standards of the base zone unless otherwise noted.

b. The manufactured home must meet the definition of a “new manufactured home”, unless otherwise noted. A new manufactured home means any manufactured home required to be titled under Title [46](#) RCW, which was not titled to retail purchaser before July 1, 2005, and was not a “used mobile home” as defined in RCW [82.45.032\(9\)](#).

c. The manufactured home must meet the requirements of a “designated manufactured home”. Provided that manufactured homes built to [42](#) USC Section 5401-5403 standards (as amended in 2000) must be regulated in the same manner as site built homes.

d. The manufactured home must meet the following requirements

1. Is comprised of at least two fully enclosed parallel sections each of not less than twelve feet wide by thirty-six feet long;

2. Was originally constructed with and now has a composition or wood shake or shingle, coated metal, or similar roof of not less than 3:12 pitch;

3. Has exterior siding similar in appearance to siding materials commonly used on conventional site – built building code single-family residences;

e. The manufactured home must comply with all local design standards applicable to all other homes within the neighborhood in which the manufactured home is to be located

f. The manufactured home be set on permanent foundation, as specified by the manufacturer, and that the space from the bottom of the home to the ground be enclosed by concrete or an approved concrete product which can be either load bearing or decorative.

g. The manufactured home must be thermally equivalent to the state energy code.

## 3. Review and Inspection:

a. City will review building permit applications and will issue appropriate zoning and building permits and conduct the installation inspection.

b. The Department of Labor and Industries is responsible for inspections including replacement, addition, modification, or removal of any equipment or installation and issuing permits under RCW Chapter [43.22](#). (Ord. M-4066 § 5, 2013; Ord. M-3959 § 24, 2010; Ord. M-3931 § 11, 2009; Ord. M-3922

§ 20, 2009; Ord. M-3840 § 19, 2007; Ord. M-3709 § 5, 2005; Ord. M-3701 § 14, 2005; Ord. M-3663 § 13, 2004; Ord. M-3643, 2004)

- b. The following portions of Vancouver Municipal Code Section 20.420, are amended to read as follows:

**20.420.020 Zoning Districts.**

A. R-18: Higher-Density Residential District. The R-18 zoning district is designed to accommodate attached homes such as duplexes and rowhouses, and garden-type apartments at densities up to 18 units per acre and a minimum lot size of 1,800 square feet per unit. Professional office uses are permitted under certain circumstances. Some retail, civic and institutional uses are allowed conditionally. This zone consolidates the R-18 and OR-18 zones as of March 11, 2004.

B. R-22: Higher-Density Residential District. The R-22 zoning district is designed to accommodate rowhouses, garden-type apartments, and lower-density multi-dwelling structures at densities up to 22 units per acre and a minimum lot size of 1,500 square feet per unit. Professional office uses are permitted under certain circumstances. Some retail, civic and institutional uses are allowed conditionally. This zone consolidates the R-22 and OR-22 zones as of March 11, 2004.

C. R-30: Higher-Density Residential District. The R-30 zoning district is designed to accommodate multi-dwelling structures at densities up to 30 units per acre, a minimum lot size of 1,500 square feet per unit. Professional office uses are permitted under certain circumstances. Some retail, civic and institutional uses are allowed conditionally. This zone consolidates the R-30 and OR-30 zones as of March 11, 2004.

D. R-35: Higher-Density Residential District. The R-35 zoning district is designed to accommodate multi-dwelling structures at densities up to 30 units per acre a minimum lot size of 1,200 square feet per unit. Professional office uses are permitted under certain provisions. Some retail, civic and institutional uses are allowed conditionally. (Ord. M-4034 § 11, 2012; Ord. M-3922 § 21, 2009; Ord. M-3730 § 11, 2005; Ord. M-3663 § 14, 2004; Ord. M-3643, 2004)

E. R-50: Higher-Density Residential District. The R-50 zoning district is designed to accommodate multi-dwelling structures at densities up to 50 units per acre. Professional office uses are permitted under certain provisions. Some retail, civic and institutional uses are allowed conditionally.

**20.420.025 Higher Density Residential Zone Function and Location Criteria.**

A. *R-18 (Higher Density Residential) Zone Location Criteria.* The R-18 designation is most appropriate in areas with the following characteristics and relationships to the surrounding area:

1. Areas occupied by a substantial amount of multifamily development, but where factors such as narrow streets, on-street parking congestion, local traffic congestion, lack of alleys and irregular street patterns restrict local access and circulation and make a lower intensity of development desirable.

2. Areas where properties are well-suited to multifamily development, but where adjacent single-family developments or public open space make a transitional scale of development (height and bulk) desirable. There should be a well-defined edge such as an arterial, open space, change in block pattern, topographic change or other significant feature that provides physical separation from the single-family area. (This is not a necessary condition where existing moderate scale multifamily structures have already established the scale relationship with abutting single-family areas).

3. Properties must have access from collector or arterial streets, such that vehicular travel to and from the site is not required to use local access streets through lower density residential zones.

B. *R-22 (Higher Density Residential) Zone Location Criteria.* The R-22 designation is most appropriate in areas with the following characteristics and relationships to the surrounding area:

1. Areas already developed predominantly to the permitted R-22 density and where R-22 scale is well established.

2. Areas with close proximity and pedestrian connections to neighborhood services, public open spaces, schools and other residential amenities.

3. Properties that are adjacent to existing business and commercial areas with comparable height and bulk, or where a transition in scale between areas of larger multifamily and/or commercial structures and smaller multifamily development is desirable.

4. Areas well served by public transit and having direct access to arterials, such that vehicular traffic is not required to that pass through lower density residential zones; street widths must be sufficient to allow for two (2) way traffic and on-street parking in accordance with City street standards.

5. Areas with significant topographic breaks, major arterials or open space that provide a separation and transition to Lower Density Residential areas.

C. *R-30 (Higher Density Residential) Zone Location Criteria.* The R-30 designation is most appropriate in areas with the following characteristics and relationships to the surrounding area:

1. Areas that are already developed predominantly to the permitted R-30 density, or areas that are within an urban center, or identified in an adopted sub-area plan as appropriate for higher density multifamily housing.



2. Properties in close proximity to major employment centers, open space and recreational facilities.
3. Areas with well-defined edges such as an arterial, open space, change in block pattern, topographic change or other significant feature providing sufficient separation from adjacent areas of small scale residential development, or areas should be separated by other zones providing a transition in the height, scale and density of development.
4. Areas that are served by major arterials, where transit service is good to excellent, and where street capacity could absorb the traffic generated by higher density development.
5. Principal streets in the area shall be sufficient to allow for two (2) way traffic and parking on both sides of the street. Vehicular access to the area shall not require use of streets passing through lower density residential zones.
6. Areas of sufficient size to promote a high quality, higher density residential environment with close proximity (and good pedestrian connections) to public open spaces, neighborhood oriented commercial services, and other residential amenities.

D. *R-35 (Higher Density Residential) Zone Location Criteria.* The R-35 designation is most appropriate in areas generally characterized by the following development characteristics of the area and relationship to the surrounding area:

1. Areas that are developed predominantly to the intensity permitted by the R-35 zone, or areas located within an urban center, or defined in a subarea plan adopted by the City as appropriate for higher density multi-family housing.
2. Areas of sufficient size to promote a high quality, higher density residential environment with close proximity (and good pedestrian connections) to public open spaces, neighborhood oriented commercial services, other residential amenities, major employment centers, open space and recreational facilities.
3. Properties adjacent to business and commercial areas with comparable height and bulk.
4. Properties in areas along arterials where topographic changes either provide an edge or permit a transition in scale with surroundings.
5. Areas that are served by major arterials and where transit service is good to excellent and street capacity could absorb the traffic generated by high density development. (Ord. M-3730 § 12, 2005)

E. *R-50 (Higher Density Residential) Zone Location Criteria.* The R-50 designation is most appropriate in areas generally characterized by the following development characteristics of the area and relationship to the surrounding area:

1. Areas that are located within an urban center, defined in a subarea plan, or other location generally appropriate for higher density multi-family housing.

2. Areas of sufficient size to promote a high quality, higher density residential environment with close proximity (and good pedestrian connections) to public open spaces, neighborhood oriented commercial services, other residential amenities, major employment centers, open space and recreational facilities.

3. Properties near business and commercial areas that are or can be developed with compatible height and bulk.

4. Properties in areas along arterials where topographic changes either provide an edge or permit a transition in scale with surroundings.

5. Areas that are served by major arterials and where transit service is good to excellent and street capacity could accommodate the traffic generated by high density development.

#### **20.420.030 Uses.**

A. *Types of uses.* For the purposes of this chapter, there are four kinds of use:

1. A permitted (P) use is one that is permitted outright, subject to all of the applicable provisions of this title.

2. A limited (L) use is permitted outright providing it is in compliance with special requirements, exceptions or restrictions.

3. A conditional use (C) is a discretionary use reviewed through the process set forth in Chapters [20.245](#) and [20.210](#) VMC, governing conditional uses and decision-making procedures, respectively.

4. A prohibited use (X) is one that is not permitted in a zoning district under any circumstances.

B. *Use table.* A list of permitted, limited, conditional, and prohibited uses in Higher

Density residential zones is presented in Table 20.420.030-1.

| <p><b>Table 20.420.030-1</b></p> <p><b>Higher Density Districts Use Table</b></p> |                    |                    |                    |                   |                          |
|-----------------------------------------------------------------------------------|--------------------|--------------------|--------------------|-------------------|--------------------------|
| <b>USE</b>                                                                        | <b>R-18</b>        | <b>R-22</b>        | <b>R-30</b>        | <b>R-35</b>       | <b>R-50</b>              |
| <b>RESIDENTIAL</b>                                                                |                    |                    |                    |                   |                          |
| Household Living                                                                  | P                  | P                  | P                  | P                 | <u>P</u>                 |
| Group Living                                                                      | P                  | P                  | P                  | P                 | <u>P</u>                 |
| Home Occupation                                                                   | L <sup>3</sup>     | L <sup>3</sup>     | L <sup>3</sup>     | L <sup>3</sup>    | <u>L<sup>3</sup></u>     |
| <b>HOUSING TYPES</b>                                                              |                    |                    |                    |                   |                          |
| Single Dwelling Units, Attached                                                   | p <sup>4, 25</sup> | p <sup>4, 25</sup> | p <sup>4, 25</sup> | X                 | <u>X</u>                 |
| Single Dwelling Units, Detached                                                   | p <sup>4, 25</sup> | p <sup>4, 25</sup> | p <sup>4, 25</sup> | X <sup>5</sup>    | <u>X<sup>5</sup></u>     |
| Accessory Dwelling Units                                                          | p <sup>1</sup>     | p <sup>1</sup>     | p <sup>1</sup>     | p <sup>1</sup>    | <u>p<sup>1, 24</sup></u> |
| Duplexes                                                                          | p <sup>4</sup>     | p <sup>4</sup>     | p <sup>4</sup>     | p <sup>4</sup>    | <u>p<sup>4</sup></u>     |
| Multi-Dwelling Units                                                              | p <sup>4</sup>     | p <sup>4</sup>     | p <sup>4</sup>     | p <sup>4</sup>    | <u>p<sup>4</sup></u>     |
| Manufactured Home Developments                                                    | L <sup>7</sup>     | L <sup>7</sup> /X  | L <sup>7</sup> /X  | L <sup>7</sup> /X | <u>L<sup>7</sup>/X</u>   |
| Designated Manufactured Home                                                      | L/X <sup>23</sup>  | X                  | X                  | X                 | <u>X</u>                 |
| New Manufactured Home                                                             | L <sup>23</sup>    | X                  | X                  | X                 | <u>X</u>                 |
| <b>CIVIC (Institutional)</b>                                                      |                    |                    |                    |                   |                          |
| Basic Utilities                                                                   | C                  | C                  | C                  | C                 | <u>C</u>                 |
| Colleges                                                                          | C                  | C                  | C                  | C                 | <u>C</u>                 |
| Community Centers                                                                 | C                  | C                  | C                  | C                 | <u>C</u>                 |
| Community Recreation                                                              | C <sup>8</sup>     | C <sup>8</sup>     | C <sup>8</sup>     | C <sup>8</sup>    | <u>C<sup>8</sup></u>     |
| Cultural Institutions                                                             | P/C <sup>9</sup>   | P/C <sup>9</sup>   | P/C <sup>9</sup>   | P                 | <u>P</u>                 |
| <b>Day Care</b>                                                                   |                    |                    |                    |                   |                          |

| Table 20.420.030-1<br>Higher Density Districts Use Table |                    |                    |                    |                    |                         |
|----------------------------------------------------------|--------------------|--------------------|--------------------|--------------------|-------------------------|
| USE                                                      | R-18               | R-22               | R-30               | R-35               | <b>R-50</b>             |
| <b>Day Care</b>                                          |                    |                    |                    |                    |                         |
| - Family Day Care Home                                   | P/C <sup>10</sup>  | P/C <sup>10</sup>  | P/C <sup>10</sup>  | P/C <sup>10</sup>  | <u>P/C<sup>10</sup></u> |
| - Child Care Center                                      | L/C <sup>14</sup>  | L/C <sup>14</sup>  | L/C <sup>14</sup>  | L/C <sup>14</sup>  | <u>L/C<sup>14</sup></u> |
| - Adult Day Care                                         | P/C <sup>11</sup>  | P/C <sup>11</sup>  | P/C <sup>11</sup>  | P/C <sup>11</sup>  | <u>P/C<sup>11</sup></u> |
| Emergency Services (except ambulance services)           | C <sup>12</sup>    | C <sup>12</sup>    | C <sup>12</sup>    | C <sup>12</sup>    | <u>C<sup>12</sup></u>   |
| Medical Centers                                          | C                  | C                  | C                  | C                  | <u>C</u>                |
| <b>Parks/Open Space</b>                                  |                    |                    |                    |                    |                         |
| - Neighborhood Parks                                     | P                  | P                  | P                  | P                  | <u>P</u>                |
| - Community Parks                                        | P                  | P                  | P                  | P                  | <u>P</u>                |
| - Regional Parks                                         | C                  | P                  | P                  | P                  | <u>P</u>                |
| - Trails                                                 | P                  | P                  | P                  | P                  | <u>P</u>                |
| Postal Service                                           | C                  | C                  | C                  | C                  | <u>C</u>                |
| Religious Institutions                                   | L/C <sup>14</sup>  | L/C <sup>14</sup>  | L/C <sup>14</sup>  | L/C <sup>14</sup>  | <u>L/C<sup>14</sup></u> |
| Schools                                                  | L/C <sup>14</sup>  | L/C <sup>14</sup>  | L/C <sup>14</sup>  | L/C <sup>14</sup>  | <u>L/C<sup>14</sup></u> |
| Social/Fraternal Clubs                                   | C <sup>6</sup>     | C <sup>6</sup>     | C <sup>6</sup>     | C <sup>6</sup>     | <u>C<sup>6</sup></u>    |
| Transportation Facility                                  | P/C <sup>15</sup>  | P/C <sup>15</sup>  | P/C <sup>15</sup>  | P/C <sup>15</sup>  | <u>P/C<sup>15</sup></u> |
| <b>COMMERCIAL</b>                                        |                    |                    |                    |                    |                         |
| Commercial and Transient Lodging                         | L/X <sup>16</sup>  | L/X <sup>16</sup>  | L/X <sup>16</sup>  | L/X <sup>16</sup>  | <u>L/X<sup>16</sup></u> |
| Eating/Drinking Establishments                           | L <sup>17</sup> /X | L <sup>17</sup> /X | L <sup>17</sup> /X | L <sup>17</sup> /X | <u>L<sup>17</sup>/X</u> |
| <b>Entertainment-Oriented</b>                            |                    |                    |                    |                    |                         |
| - Adult Entertainment                                    | X                  | X                  | X                  | X                  | <u>X</u>                |
| - Indoor Entertainment                                   | X                  | X                  | X                  | X                  | <u>X</u>                |
| - Major Event Entertainment                              | X                  | X                  | X                  | X                  | <u>X</u>                |
| <b>General Retail</b>                                    |                    |                    |                    |                    |                         |
| - Sales-Oriented                                         | L <sup>17</sup> /X | L <sup>17</sup> /X | L <sup>17</sup> /X | L <sup>17</sup> /X | <u>L<sup>17</sup>/X</u> |
| - Personal Services                                      | L <sup>17</sup> /X | L <sup>17</sup> /X | L <sup>17</sup> /X | L <sup>17</sup> /X | <u>L<sup>17</sup>/X</u> |
| - Repair-Oriented                                        | X                  | X                  | X                  | X                  | <u>X</u>                |
| - Bulk Sales                                             | X                  | X                  | X                  | X                  | <u>X</u>                |
| - Outdoor Sales                                          | X                  | X                  | X                  | X                  | <u>X</u>                |
| <b>Motor Vehicle Related</b>                             |                    |                    |                    |                    |                         |
| - Motor Vehicle Sales/Rental                             | X                  | X                  | X                  | X                  | <u>X</u>                |
| - Motor Vehicle Servicing/Repair                         | X                  | X                  | X                  | X                  | <u>X</u>                |

|                                               |                     |                     |                     |                     |                     |
|-----------------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| - Vehicle Fuel Sales                          | X                   | X                   | X                   | X                   | X                   |
| - EV Basic Charging Stations (accessory only) | P                   | P                   | P                   | P                   | P                   |
| - EV Rapid Charging Stations (accessory only) | P                   | P                   | P                   | P                   | P                   |
| - EV Battery Exchange Stations                | X                   | X                   | X                   | X                   | X                   |
| <b>Office</b>                                 |                     |                     |                     |                     |                     |
| - General                                     | L <sup>17</sup> /X  | L <sup>17</sup> /X  | L <sup>17</sup> /X  | L <sup>17</sup> /X  | L <sup>17</sup> /X  |
| - Medical                                     | L <sup>17</sup> /X  | L <sup>17</sup> /X  | L <sup>17</sup> /X  | L <sup>17</sup> /X  | L <sup>17</sup> /X  |
| - Extended                                    | X                   | X                   | X                   | X                   | X                   |
| Self-Service Storage                          | X                   | X                   | X                   | X                   | X                   |
| Non-Accessory Parking                         | X                   | X                   | X                   | X                   | X                   |
| <b>INDUSTRIAL</b>                             |                     |                     |                     |                     |                     |
| Industrial Services                           | X                   | X                   | X                   | X                   | X                   |
| Manufacturing and Production                  | X                   | X                   | X                   | X                   | X                   |
| Railroad Yards                                | X                   | X                   | X                   | X                   | X                   |
| Research and Development                      | X                   | X                   | X                   | X                   | X                   |
| Warehouse/Freight Movement                    | X                   | X                   | X                   | X                   | X                   |
| Wholesale Sales                               | X                   | X                   | X                   | X                   | X                   |
| Waste-Related                                 | X                   | X                   | X                   | X                   | X                   |
| Major Utility Facilities                      | X                   | X                   | X                   | X                   | X                   |
| <b>OTHER</b>                                  |                     |                     |                     |                     |                     |
| Agriculture/Horticulture                      | P                   | P                   | P                   | P                   | P                   |
| Airport/Airpark                               | X                   | X                   | X                   | X                   | X                   |
| Animal Kennel/Shelters                        | X                   | X                   | X                   | X                   | X                   |
| Cemeteries                                    | C <sup>18</sup>     | C <sup>18</sup>     | C <sup>18</sup>     | C <sup>18</sup>     | C <sup>18</sup>     |
| Detention & Post Detention Facilities         | X                   | X                   | X                   | X                   | X                   |
| Dog Day Care                                  | C <sup>19</sup>     | C <sup>19</sup>     | C <sup>19</sup>     | C <sup>19</sup>     | C <sup>19</sup>     |
| Heliports                                     | X <sup>20</sup>     | X <sup>20</sup>     | X <sup>20</sup>     | X <sup>20</sup>     | X <sup>20</sup>     |
| Recreational or Medical Marijuana Facilities  | X                   | X                   | X                   | X                   | X                   |
| Medical Marijuana Cooperatives                | X                   | X                   | X                   | X                   | X                   |
| Mining                                        | X                   | X                   | X                   | X                   | X                   |
| Rail Lines/Utility Corridors                  | C                   | C                   | C                   | C                   | C                   |
| Basic Utilities                               | P                   | P                   | P                   | P                   | P                   |
| Temporary Uses                                | L <sup>21</sup>     | L <sup>21</sup>     | L <sup>21</sup>     | L <sup>21</sup>     | L <sup>21</sup>     |
| Wireless Communication Facilities             | L/C/X <sup>22</sup> | L/C/X <sup>22</sup> | L/C/X <sup>22</sup> | L/C/X <sup>22</sup> | L/C/X <sup>22</sup> |

- 1** Subject to the provisions of Chapter [20.810](#) VMC, Accessory Dwelling Units.
- 2** The language for this footnote has been deleted.
- 3** Subject to the provisions of Chapter [20.860](#) VMC, Home Occupations.
- 4** Provided the minimum required residential density is met, on an overall project basis.
- 5** Single-family dwelling units legally established prior to March 11, 2004, shall be considered permitted uses.
- 6** Subject to the provisions of VMC [20.895.040](#), Community Recreation and Related Facilities.
- 7** Subject to the provisions of Chapter [20.880](#) VMC, Manufactured Home Parks. Manufactured Home Developments established prior to July 1, 2005 are exempt from the standards of VMC [20.420.050\(G\)](#), Criteria for Placement of Manufactured Homes, and may continue to exist and expand within existing previously-approved boundaries. An existing manufactured home in a development or subdivision may be replaced or may be relocated either to an approved manufactured home development or an approved manufactured home subdivision. Manufactured Home Developments in the R-22, R-30, R-35 zones are allowed as a Limited Use (L) only as part of a Chapter [20.260](#) VMC Planned Development that meets overall minimum density standards for the applicable zone.
- 8** Subject to the additional provisions in VMC [20.895.040](#).
- 9** Libraries permitted only; all other cultural institutions are conditional uses.
- 10** Family day care homes for no more than 12 children are permitted when licensed by the state. Child care centers are permitted as conditional uses, subject to the provisions of Chapter [20.840](#) VMC, Child Care Centers, unless part of a Planned Development, in which case they are approved subject to Chapter [20.260](#) VMC. All child care facilities must be licensed by the state.
- 11** Adult day care facilities with 12 or fewer clients are permitted outright; larger facilities are permitted as conditional uses.
- 12** The language for this footnote has been deleted.
- 13** Community, regional parks and trails that meet all of the development standards in VMC [20.420.050\(E\)\(1\),\(2\)](#) and (3), respectively, are permitted by as limited uses; all others require a Conditional Use approval.
- 14** Schools, child care centers, and religious institutions that meet all of the locational criteria contained in VMC [20.420.050\(F\)](#) are permitted by right; all others require conditional use approval. Child care centers permitted by right shall be consistent with

Chapter [20.840](#) VMC, Child Care Homes and Centers, and be subject to Type II review pursuant to VMC [20.210.050](#).

**15** Except bus, trolley and street car stops, including bus shelters, which are allowed by right.

**16** Bed-and-breakfast establishments as limited uses subject to provisions of Chapter [20.830](#) VMC, Bed and Breakfast Establishments; all other commercial and transient lodging prohibited.

**17** New commercial uses allowed as limited uses subject to special development restrictions in VMC [20.420.060](#). Existing commercial uses permitted if legally established prior to code effective date. However, alterations and expansions shall be subject to Chapter [20.245](#) VMC (Conditional Use Permits).

**18** Subject to the provisions in VMC [20.895.030](#).

**19** Subject to the provisions of Chapter [20.850](#) VMC, Dog Day Care.

**20** Except as an accessory to a medical center.

**21** Subject to provisions of Chapter [20.885](#) VMC, except sale of fireworks prohibited in residential zones.

**22** Subject to the provisions of Chapter [20.890](#) VMC, Wireless Communication Facilities.

**23** A "designated manufactured home" is exempt from the development standards of VMC [20.420.050\(G\)](#) and may continue to exist and expand. An existing unit may be replaced or may be relocated either to an approved manufactured home development or an approved manufactured home subdivision. After July 1, 2005, only "new manufactured homes" that also meet the "designated manufactured home" criteria will be permitted on individual lots not part of an existing approved manufacturing home development or manufactured home subdivision. Except that a new manufactured home placed on an individual lot after July 1, 2005, may be relocated as permitted by this title if within five years of the date of the original placement.

**24** Permitted only as existing non-conforming uses.

**25.** Subject to provisions in VMC 20.410 applying to the R-17 zoning district

(Ord. M-4255 § 7, 2018; Ord. M-4254 § 3(CC), 2018; Ord. M-4223 § 4, 2017; Ord. M-4187 § 6, 2016; Ord. M-4105 § 3, 2014; Ord. M-4071 § 8, 2014; Ord. M-4066 § 5, 2013; Ord. M-4035 § 3, 2012; Ord. M-4024 § 7, 2012; Ord. M-4002 § 6, 2011; Ord. M-3959 § 25, 2010; Ord. M-3931 § 12, 2009; Ord. M-3840 § 20, 2007; Ord. M-3730 § 13, 2005; Ord. M-3709 § 7, 2005; Ord. M-3701 § 15, 2005; Ord. M-3663 § 15, 2004; Ord. M-3643, 2004)

#### **20.420.040 Minimum and Maximum Densities.**

A. *Purpose.* The purpose of this section is to establish minimum and maximum densities in each residential zoning district. To ensure the quality and density of development envisioned, the maximum density establishes the ceiling for development in each zoning district based on a units per acre standard. To ensure that property develops at or near the density envisioned for the zone, the minimum density for each zoning district is set as just above the maximum density of the next less intense zone.

B. *Minimum and maximum densities.* The minimum and maximum densities for the Higher Density Residential Districts are contained in Table 20.420.040-1.

**Table 20.420.040-1. Minimum and Maximum Densities**

| <b>Zoning District</b> | <b>Minimum and Maximum Net Density</b> |
|------------------------|----------------------------------------|
| R-18                   | 12 – 18 units per acre                 |
| R-22                   | 18.1 – 22 units per acre               |
| R-30                   | 22.1 – 30 units per acre               |
| R-35                   | 30.1 – 35 units per acre               |
| <u>R-50</u>            | <u>35.1 – 50 units per acre</u>        |

C. *Exceptions.* The following exceptions are permitted to the density provisions for the higher density residential zoning districts contained in Table 20.420.040-1 above:

1. Minimum lot size/ and maximum density calculations:

a. Lots developed before March 11, 2004, are exempt from the requirements for minimum density. However, if a site is completely redeveloped, the new development must comply with the minimum density requirements contained in Table 20.420.040-1 above.

b. When the maximum density contains a fraction of a unit, the applicant must round to the nearest whole unit. For calculations of X.1 – X.4, this means rounding down to the next whole unit; for calculations of X.5 – X.9, this means rounding up to the next whole unit.



2. Minimum density:

a. When the minimum density contains a fraction of a unit, the applicant must round to the nearest whole unit. For calculations of X.1 – X.4, this means rounding down to the next whole unit; for calculations of X.5 – X.9, this means rounding up to the next whole unit.

b. On sites that contain critical or sensitive areas, all or a portion of those areas may be deducted from the net building area before the minimum and maximum densities are calculated at the discretion of the development applicant.

3. *Planned Developments*. See VMC Chapter [20.260.060](#) (Development Standards – Item 4) for additional exceptions to lot size requirements. (Ord. M-3931 § 13, 2009; Ord. M-3840 § 21, 2007; Ord. M-3730 § 14, 2005; Ord. M-3701 § 15, 2005; Ord. M-3643, 2004)

**4. Affordable Housing Density Bonus**

a. Housing projects devoted entirely to housing affordable to households earning 80% or less of Area Median Income (AMI) and providing guarantee acceptable to the Planning Official that such units will remain affordable at this level for 50 years may increase the maximum net density requirement of the underlying zone by the following amounts.

ii. Up to 50% in the R-2, R-4, R-6, R-9, and R-17 zones.

ii. Up to 100% in the R-18, R-22, R-30, and R-50 zones.

b. These density increases may not be used to exceed underlying zoning district requirements for permitted structure or use types, building heights, or other development regulations.

**20.420.050 Development Standards.**

A. *Compliance Required*. All developments must comply with:

1. All of the applicable development standards contained in the underlying zoning district, except where the applicant has obtained variances in accordance with Chapter [20.270](#) VMC Site Plan Review.

2. All other applicable standards and requirements contained in this title.

B. *Development standards*. Development standards in residential zoning districts are contained in Table 20.420.050-1. These apply to all primary dwellings and accessory buildings on the site. For additional regulations governing accessory buildings, see Chapter [20.902](#) VMC.

| <p align="center"><b>Table 20.420.050-1</b><br/><b>Development Standards</b></p> |                       |                       |                       |                       |                     |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------|
| <b>Standard</b>                                                                  | <b>R-18</b>           | <b>R-22</b>           | <b>R-30</b>           | <b>R-35</b>           | <b>R-50</b>         |
| Minimum Lot Size                                                                 | 1,800 sf <sup>1</sup> | 1,500 sf <sup>1</sup> | 1,500 sf <sup>1</sup> | 1,200 sf <sup>1</sup> | 800 sf <sup>1</sup> |
| Maximum Lot Coverage                                                             | 50%                   | 50%                   | 50% <del>55%</del>    | 50% <del>60%</del>    | 70%                 |
| Minimum Lot Width                                                                | 20'                   | 20'                   | 20'                   | 20'                   | 20'                 |
| Minimum Lot Depth                                                                | 50'                   | 50'                   | 60'                   | 60'                   | 60'                 |
| Minimum Setbacks                                                                 |                       |                       |                       |                       |                     |
| Front yard                                                                       | 10'                   | 10'                   | 10'                   | 10'                   | 10'                 |
| Rear and Through lot yard                                                        | 0' <sup>2</sup> /5'   | 0' <sup>2</sup> /5'   | 0' <sup>2</sup> /5'   | 0' <sup>2</sup> /5'   | 0' <sup>2</sup> /5' |
| Side yard                                                                        | 0' <sup>2</sup> /5'   | 0' <sup>2</sup> /5'   | 0' <sup>2</sup> /5'   | 0' <sup>2</sup> /5'   | 0' <sup>2</sup> /5' |
| Street side yard                                                                 | 10'                   | 10'                   | 10'                   | 10'                   | 5'                  |
| Garage/carport from public/private street right-of-way or sidewalk easement      | 18'                   | 18'                   | 18'                   | 18'                   | 18'                 |
| Garage/carport from alley                                                        | 5' <sup>4</sup>       | 5' <sup>4</sup>       | 5' <sup>4</sup>       | 5' <sup>4</sup>       | 5' <sup>4</sup>     |
| Maximum Height                                                                   | 50'                   | 50'                   | 50'                   | 60'                   | 70'                 |
| Minimum Landscaping Requirement<br>(percentage of total net area)                | 10%                   | 10%                   | 10%                   | 10%                   | 10%                 |

**1** Provided the required residential density is met on an overall project basis.

**2** See requirements for zero lot line developments pursuant to Section [20.910.050](#) VMC.

**3** This footnote has been deleted.

**4** There must be a minimum of 20' maneuvering space from entrance edge of garage/carport to approved edge of alley

C. *Institutional development standards.* Institutional uses such as colleges, schools and religious institutions that locate within higher density residential districts shall comply with the following development standards:

1. For portions of an institutional campus abutting residentially-zoned property (not separated by a street):
  - a. Minimum setback: 35 feet.
  - b. Maximum height: 35 feet at the setback increasing one foot for every one foot of additional setback to a maximum of 90 feet.
  - c. Minimum landscaped buffering between the institutional use and residential development: 15 feet.
2. The development standards in Subsection (1) above do not apply to existing buildings.
3. All other development standards on the institutional campus are the same as those in the underlying base zone except as;
  - a. Modified through a Variance procedure per the requirements of Chapter [20.290](#) VMC; or
  - b. Established as part of a Public Facilities Master Plan procedure per the requirements of Chapter [20.268](#) VMC.

D. *Pedestrian development standards.* The following additional development standards apply for multi-family projects with more than two buildings on a site.

1. Each building in the complex shall have at least one direct pedestrian connection to the street even when separated from the street by an off-street parking lot. This pedestrian access shall be the most direct route between the building's main entrance and the street. Whenever possible, the main pedestrian connection shall not cross a parking lot or driveway.
2. There shall be pedestrian connections among residential buildings and from each residential building to indoor and outdoor communal facilities, e.g., recreation room, swimming pool, and parking lots, carports or garages.
3. The following design standards shall apply to this pedestrian circulation system:
  - a. The circulation system must be hard-surfaced and at least 5' wide.
  - b. Where the system crosses driveways, parking areas or loading areas, the system must be clearly identifiable through the use of striping, elevation changes, speed bumps, different paving material or other similar method.

c. Where the pedestrian connection is parallel and adjacent to a parking lot or driveway, the system must be a raised path or be separated from the auto travel lane by a curb, bollards, landscaping or other physical barrier. If the connection also provides access to a parking lot, at least one access ramp from the connection to the parking lot must be provided that meets ADA standards for accessibility for the disabled.

d. The on-site circulation system must be lighted to a level sufficient for use by residents and their visitors after dark. Such lighting shall be directed in such a manner to prevent glare into nearby residential units.

E. Criteria for Parks/Open Space as limited uses.(Reserved for future use)

F. *Criteria for institutions as limited uses.* As noted in Table 20.420.030-1 above, schools, child care centers, and religious institutions are allowed as limited uses in Higher Density residential districts if they meet all of the criteria described below. An institution that does not comply with all of these criteria must be reviewed as a Conditional Use, except for school modular classrooms, which shall be permitted outright.

1. The site contains no more than 12 acres for an elementary school, not to exceed 75,000 gsf.

2. The site contains no more than two acres for a religious institution, not to exceed 30,000 gsf.

3. The site contains no more than one acre for a child care center, not to exceed 10,000 gsf.

4. The site takes its primary access from a street with no less than a minor arterial designation.

5. If a religious institution also has a private elementary school, the total development shall not exceed 60,000 gsf and seven acres.

G. *Criteria for Placement of Manufactured Homes.*

1. General Provisions:

a. Manufactured homes are permitted on individual lots in the R-18 residential zones in accordance with the placement standards as set forth in this section and other provisions which apply to conventionally built dwellings.

b. Nothing in these provisions shall be interpreted as superseding deed, covenants, or restrictions which are generally not enforced by the city.

c. Existing manufactured home developments and manufactured home subdivisions are permitted and are not subject to the provisions of this chapter. An existing manufactured home in a manufactured home development or subdivision may

continue to lawfully exist and be replaced or can be relocated either to an approved manufactured home development or an approved manufactured home subdivision.

d. Except that a manufactured home placed on an individual lot subsequent to the adoption of this ordinance, may be relocated as permitted by this title if within (5) five years of the date of the original placement.

## 2. Manufactured Home Placement Standards:

All manufactured homes placed within the City of Vancouver shall comply with the following standards:

a. Manufactured homes must meet the development standards of the base zone unless otherwise noted.

b. The manufactured home must meet the definition of a “new manufactured home” unless otherwise noted. A new manufactured home means any manufactured home required to be titled under Title [46](#) RCW, which was not titled to retail purchaser before July 1, 2005, and was not a “used mobile home” as defined in RCW [82.45.032](#).

c. The manufactured home must meet the requirements of a “designated manufactured home”. Provided that manufactured homes built to [42](#) USC Section 5401-5403 standards (as amended in 2000) must be regulated in the same manner as site built homes.

d. The manufactured home must meet the following requirements.

1. Is comprised of at least two fully enclosed parallel sections each of not less than twelve feet wide by thirty-six feet long;

2. Was originally constructed with and now has a composition or wood shake or shingle, coated metal, or similar roof of not less than 3:12 pitch;

3. Has exterior siding similar in appearance to siding materials commonly used on conventional site -built building code single-family residences;

e. The manufactured home must comply with all local design standards applicable to all other homes within the neighborhood in which the manufactured home is to be located.

f. The manufactured home be set on permanent foundation, as specified by the manufacturer, and that the space from the bottom of the home to the ground be enclosed by concrete or an approved concrete product which can be either load bearing or decorative.

g. The manufactured home must be thermally equivalent to the state energy code.

## 3. Review and Inspection:

- a. City will review building permit applications and will issue appropriate zoning and building permits and conduct the installation inspection.
- b. The Department of Labor and Industries responsible for inspections including replacement, addition, modification, or removal of any equipment or installation and issuing permits under RCW Chapter [43.22](#).

#### H. Additional Development Standards for Single Family Homes

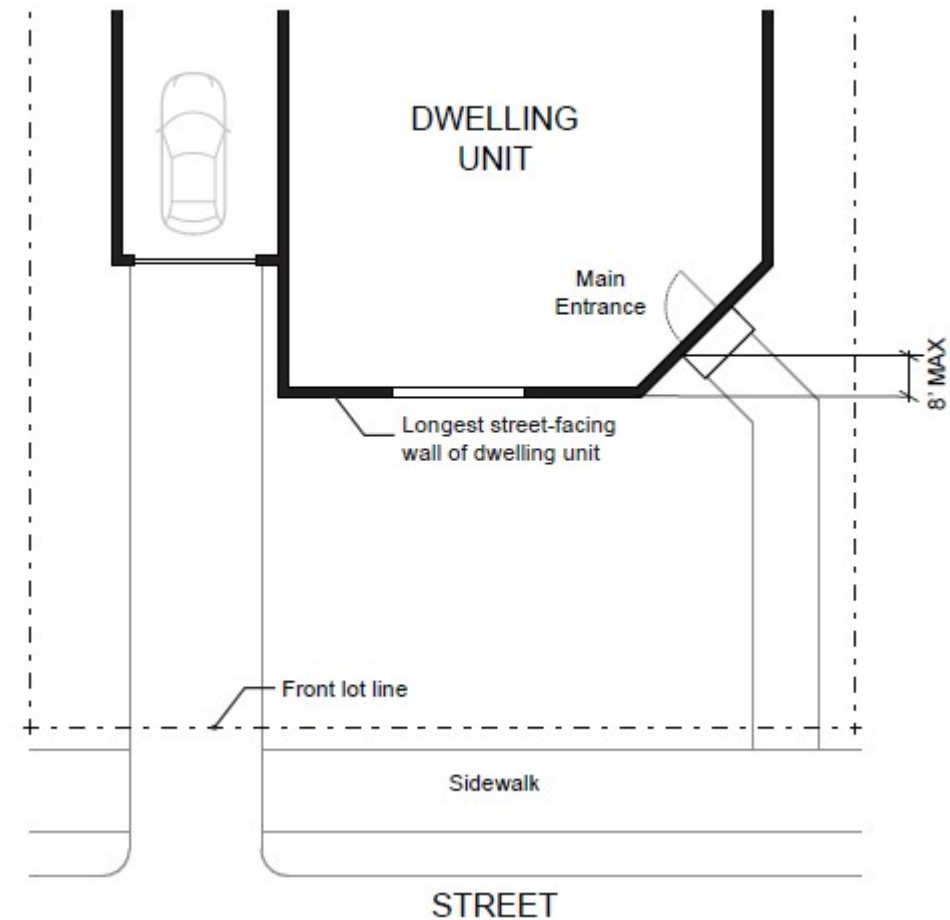
1. Additional standards for single family home development within the R-18, R-22 and R-30 Zoning Districts. The following standards are in addition to the requirements in Table 20.420.050-1.

a. Garages. The width of the garage door facing the street may be up to 50 percent of the width of the street-facing building façade or 10' in length, whichever is greater. Garage limitations do not apply to residential development accessed through rear alleys, or where the garage is located in the rear of the lot.

b. Main Entrances. Main entrances shall be visible from the street and must:

1. Have a porch or entry

2. Face the street or be oriented at an angle of not more than 45 degrees from the street-facing façade. Corner lot homes may face either street.



c. Front Façade Variety. Duplicative front facades of detached single-family structures facing the same street are prohibited. Sufficient differences can be achieved through at least three of the following design features:

1. Varied or staggered front setbacks, with variations of at least five feet.
2. Different building heights, with the two heights varying by at least five feet.
3. Varied rooflines such as hipped or pitched roofs.
4. Different window opening locations and designs
5. Different garage location, configuration, and design

d. Alleys. Where alleys are present, all garages and on-site parking shall be accessible from the alley. In R-17 zones, single-family residential developments shall utilize rear alley-loading as follows:

i. Alleys shall be required for developments on sites of four acres or larger where the proposed average new lot size is less than 3,000 square feet unless the application demonstrates and the Planning Official agrees that alleys are unfeasible due to significant site constraints such as

significant variations in topography, irregular site shape, or presence of natural resource constraints

ii. Alleys are encouraged in all other cases

e. Compliance with Narrow Lot Development Standards. Developments within the R-17 zoning district shall be subject to [VMC 20.927, Narrow Lot Development Standards](#), with the exception of VMC 20.927.040.A.5.d garage width standards.

f. Location and configuration of driveways. Driveways shall be located to preserve space for on-street parking by meeting one of the following requirements.

i. For housing units or developments on corner lots, off-street parking areas shall be accessed on the back façade or located in the rear yard. No off-street parking shall be allowed in the front yard or side yard.

ii. Driveways providing access to the front façade must be consolidated for adjacent dwellings.

iii. Consolidated driveways shall be tapered (i.e., narrower where they connect to the street and wider at the back to the driveway) to minimize the width of curb cuts and to enhance pedestrian safety.

iv. Individual driveways must be separated by at least 20' as measured from the edge of the driveway apron.

g. Solid Waste Provisions. The development application shall include a plan for access for solid waste and recycling collection service, indicating common or individual unit collection points with demonstrated access and turning space for solid waste vehicles

(Ord. M-4066 § 5, 2013; Ord. M-3931 § 14, 2009; Ord. M-3730 § 15, 2005; Ord. M-3709 § 8, 2005; Ord. M-3701 § 16, 2005; Ord. M-3663 § 16, 2004; Ord. M-3643, 2004)



c. The following portions of Vancouver Municipal Code 20.945 are amended as follows:

### **20.945.070 Minimum Off-Street Parking Requirements.**

*A. Parking requirements for unlisted uses.*

1. The planning official may rule that a use not specifically listed in Table 20.945.070-2 below is a use similar to a listed use and that the same parking standards shall apply. If the applicant requests that the planning official's decision be rendered in writing, it shall constitute an interpretation, as governed by Chapter [20.255](#) VMC; and
2. The planning official shall maintain a list of approved unlisted use parking requirements that have the same effect as an amendment to this chapter.

*B. Choice of parking requirements.* When a building or use is planned or constructed in such a manner that a choice of parking requirements could be made, the use which requires the greater number of parking spaces shall govern.

*C. Measurements.* The following measurements shall be used in calculating the total minimum number of vehicle parking spaces required in this chapter:

1. *Fractions.* Fractional space requirements of up to 0.5 shall be rounded down to the next whole number and 0.5 or greater rounded up to the next whole number.
2. *Employees.* Where employees are specified for the purpose of determining the minimum vehicle parking spaces required, the employees counted are those who work on the premises during the largest shift at the peak season.
3. *Students.* When students are specified for the purpose of determining the minimum vehicle parking spaces required, the students counted are those who are on the campus during the peak period of the day during a typical school term.
4. *Space.* Unless otherwise noted, where gross square feet (gsf) are specified, the area measured shall be gross floor area under the roof measured from the faces of the structure, excluding only space devoted to covered off-street parking or loading.

*D. Exclusions to minimum vehicle parking requirements.* The following shall not be counted towards the computation of the minimum parking spaces as required in Table 20.945.070-2 below:

1. *On-street parking.* Parking spaces in the public street or alley shall not be eligible as fulfilling any part of the parking requirement except as provided elsewhere in this title;

2. *Fleet parking.* Required vehicle parking spaces may not be used for storage of fleet vehicles, except when a use can show that employee and fleet parking spaces are used interchangeably, (e.g., the employee drives the fleet vehicle from home, or the spaces are used for fleet storage only at night and are available for employee use during the day). For the purposes of this title, space exclusively devoted to the storage of fleet vehicles will be considered as outdoor storage.

E. *Reductions in minimum required vehicle parking.*

1. The planning official may reduce the minimum off-street vehicle parking spaces required in Table 20.945.070-2 by up to 10 percent in new nonresidential developments by means of a Type I procedure, when an applicant for a development permit can demonstrate in a parking study prepared by a traffic consultant or in parking data from comparable sites that:

- a. The requested reduction in parking will not have an adverse impact on uses in the immediate vicinity.
- b. Use of transit, demand management programs, and/or special characteristics of the customer, client, employee or resident population will reduce expected vehicle use and parking space demand for this development, as compared with Institute of Transportation Engineers (ITE) vehicle trip generation rates and minimum city parking requirements.
- c. The city shall not be responsible for providing parking for a development should a reduction in required parking under this section result in a deficit in parking that is not desirable to the owner of the property or use.

2. The planning official may reduce the minimum off-street vehicle parking spaces required in Table 20.945.070-2 up to 20 percent if the required conditions detailed in VMC [20.945.070\(E\)\(1\)](#) and [\(2\)](#) are met. Reductions in parking minimums shall be cumulative and inclusive of reductions allowed under any provision of VMC Title [20](#).

- a. For every five bicycle parking spaces provided which meet bicycle parking design standards or for each bicycle locker (two-bicycle capacity), the minimum motor vehicle parking requirement may be reduced by one space up to seven percent of total required vehicle parking spaces. Mixed-use developments using this provision shall provide bicycle parking indoors.
- b. Sites where at least 20 parking spaces are required and where at least one street lot line abuts a designated arterial roadway, transit supportive plazas may be substituted for up to five percent of required vehicle parking.

1. The plaza must be adjacent to the arterial street. If there is a bus stop along the site's frontage, the plaza must be adjacent to the bus stop.

2. The plaza must be at least 300 square feet in area and be shaped so that a 10-foot-by-10-foot square will fit entirely within the plaza.

3. The plaza must be open to the public, contain a bench or other sitting area, contain a shelter or other weather protection covering at least 20 square feet, and shall have at least 10 percent and no more than 25 percent landscaping.

c. *Building Orientation/Site Design Incentive.* Developments which incorporate all of the following building orientation/site design characteristics into the site plan shall be eligible for a five percent reduction in required on-site parking.

1. *Build to the Sidewalk.* Buildings located as close as possible to the public street and sidewalk, preferably at the minimum required setback. Primary entrance shall be oriented toward the street.

2. *Provide public spaces.* Commercial development should provide spaces for civic interaction. To make these more accessible and accommodating to the public, pedestrian plazas, street furniture and landscaped open spaces should be incorporated as site amenities.

3. *Build to the corner.* Buildings on corner lots should be located on the street corner with building frontage on both streets with primary entrances oriented toward the intersection. If no buildings are located at street corners, pedestrian plazas and amenities should provide a focus for the area. Intersection vision clearance standards shall apply.

4. *Pad Development.* Pad development should be located at the corners of a development or at the intersection created by the site driveway with the public street. The location and site design of pad development should integrate seamlessly with the on-site pedestrian circulation plan and all off-site pedestrian, bicycle and transit facilities.

3. A request to reduce the required minimum parking more than 20 percent is subject to a Type II Variance procedure.

F. *Parking in City Center (CX) Zone.* The following minimum requirements shall apply, in accordance with VMC [20.630.050](#) (Parking Control), in all areas zoned City Center District (CX):

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**Table 20.945.070-1**

**CX District Parking Space Requirements**

| Land Use                                                         | Parking Requirements                                                                                                        |
|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <u>Multi-Family Housing, market rate and low-income</u>          | <u>0.75 space/dwelling unit</u>                                                                                             |
| <u>Senior Housing, and Housing for Persons with Disabilities</u> | <u>0 spaces for residential units</u><br><u>0.75 space per employee<sup>1</sup> plus one visitor space per 10 residents</u> |
| <u>All Other</u> Residential Uses                                | 1 space/dwelling unit                                                                                                       |
| Transient lodging                                                | 1 space/living unit                                                                                                         |
| Congregate care facilities <u>for non-senior residents</u>       | 1 space/two (2) living units                                                                                                |
| All other uses                                                   | 1 space/1,000 sq. ft. of floor area                                                                                         |

1. The number of employees based on maximum number of employees present at any given time (i.e., during the largest shift of employees)

G. *Parking in Transit Overlay District.* Developments located within the Transit Overlay District may be subject to special parking standards contained in Chapter [20.550](#) VMC.

H. *Application of Parking Requirements.*

1. Notwithstanding any other requirement of this chapter, no parking shall be required for any commercial use located in an existing structure which abuts Main Street between Fifth Street and McLoughlin Boulevard, up to and including the first two floors above street level, and any basement levels. The requirements for uses in all floors of three stories or above shall be the same as that in all other areas in the City Center District (CX).

2. In addition, notwithstanding any other requirements of this chapter, requirements for off-street parking shall not apply within the Community Commercial District (CC) extending from McLoughlin Boulevard to Fourth Plain Boulevard in the event of a change in commercial occupancy of a building or of a remodeling of a commercial structure if the original floor area is not exceeded by 25 percent. This provision does not apply to conversion of residential occupancy to commercial occupancy. The requirements for off-street parking for the Community (CC) Commercial District within this area shall be based on the City Center (CX) District Parking Requirements of Table 20.945.070-1 and shall only be for the total area of additions in excess of 25 percent of the floor area in existence on July 19, 2010.

3. Commercial uses in the CN, Neighborhood Commercial District may count available on-street parking spaces which are immediately adjacent to the development toward the minimum on-site parking requirement.

4. Parking stalls used for Electric Vehicle Basic Charging Stations and Rapid Charging Stations shall be counted toward the minimum number of required parking stalls in a development.

I. *Use of Public Parking.* The requirements for off-street parking can be satisfied by execution of a long-term lease for a segment of equivalent parking in an existing public or private parking facility. Lease fees in public facilities would be at market rates as established and adjusted by the Vancouver city council after considering the advice of the parking advisory committee. Continued leasing of such space shall be required, and failure to provide the required parking shall be cause for revocation of the occupancy permit for the structure involved.

J. *Specific requirements for minimum parking.* Parking shall be provided for uses as per Table 20.945.070-2 below.

| Use                                                                        | Minimum                                                                                                                            |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Table 20.945.070-2. Minimum Off-Street Vehicle Parking Requirements</b> |                                                                                                                                    |
| <b>RESIDENTIAL</b>                                                         |                                                                                                                                    |
| Household Living                                                           | See Housing Types below                                                                                                            |
| Group Living                                                               | 1 space/7 residents served under age 12<br>1 space per resident served ages 12 – 17<br>1 space per resident served age 18 or older |
| Transitional Housing                                                       | 1:3 beds                                                                                                                           |
| Home Occupation                                                            | None                                                                                                                               |
| <b>HOUSING TYPES</b>                                                       |                                                                                                                                    |
| Single Dwelling, Attached                                                  | 1.0/DU <sup>1</sup>                                                                                                                |

| Use | Minimum |
|-----|---------|
|-----|---------|

**Table 20.945.070-2. Minimum Off-Street Vehicle Parking Requirements**

|                                                                               |                                                                                                                                                      |
|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                               |                                                                                                                                                      |
| Single Dwelling, Detached                                                     | 1.0/DU                                                                                                                                               |
| Accessory Dwelling Units                                                      | None                                                                                                                                                 |
| Duplexes                                                                      | 1.0/DU                                                                                                                                               |
| <u>Market rate Multi-Family Dwelling Units</u>                                | <u>1.5 0.75/DU if located within 1/4 mile of frequent transit line,<sup>6</sup> 1.0/DU if located ¼ mile or further from a frequent transit line</u> |
| <u>Housing for low income households earning under 60% median area income</u> | <u>0.75/DU</u>                                                                                                                                       |
| Manufactured Home Subdivisions                                                | 1.0/DU                                                                                                                                               |
| Manufactured Home Parks                                                       | 1.0/DU                                                                                                                                               |
| <u>Senior Housing facilities and Housing for People with Disabilities</u>     | <u>0 spaces for residential units</u><br><u>0.75 space per employee<sup>7</sup> plus one visitor space per 10 residents</u>                          |
| <b>CIVIC (Institutional)</b>                                                  |                                                                                                                                                      |
| Basic Utilities                                                               | None                                                                                                                                                 |
| Community Centers                                                             | Per Approved Parking Study                                                                                                                           |
| Community Recreation                                                          | Per Approved Parking Study                                                                                                                           |
| Cultural Institutions                                                         | 1:400 sq. ft.                                                                                                                                        |
| Day Care                                                                      |                                                                                                                                                      |
| - Child Care                                                                  | Family Day Care Home: none<br>Institutional: 1.0/employee + 1.0/12                                                                                   |

| Use | Minimum |
|-----|---------|
|-----|---------|

**Table 20.945.070-2. Minimum Off-Street Vehicle Parking Requirements**

|                         |                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         |                                                                                                                                                      |
|                         | children served                                                                                                                                      |
| - Adult Day Care        | Family Day Care Home: none<br>Institutional: 1.0/employee + 1.0/12 clients served                                                                    |
| - Dog Day Care          | 1.0/employee +<br>1.0/12 animals served                                                                                                              |
| Emergency Services      | 1:300                                                                                                                                                |
| Medical Centers         | 1.0/4 beds (hospital, residential care center); 1.0/2 beds for patients or residents (convalescent hospital, nursing home, congregate care facility) |
| Parks/Open Space        |                                                                                                                                                      |
| - Neighborhood Parks    | Parks Department to Determine                                                                                                                        |
| - Community Parks       |                                                                                                                                                      |
| - Regional Parks        |                                                                                                                                                      |
| - Trails                |                                                                                                                                                      |
| Postal Service          | 1:300                                                                                                                                                |
| Religious Institutions  | 1.0/6 seats or 12' of bench in main assembly area                                                                                                    |
| Social/Fraternal Clubs  | 1/100                                                                                                                                                |
| Transportation Facility | None                                                                                                                                                 |
| Schools                 |                                                                                                                                                      |

| Use | Minimum |
|-----|---------|
|-----|---------|

**Table 20.945.070-2. Minimum Off-Street Vehicle Parking Requirements**

|                                                                                                                                                                                        |                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| - Preschool                                                                                                                                                                            | 2/ classroom                                                                                                                     |
| - Elementary and Middle                                                                                                                                                                | 1 space/4 seats or 8 feet of bench length in auditorium or assembly room, whichever is greater                                   |
| - High School                                                                                                                                                                          | 1 space/employee, plus 1 space/each 6 students, or 1 space/4seats or 8 feet of bench length in auditorium, whichever is greater. |
| - College★<br>*Classrooms = 30 students.<br>Lecture halls require additional parking of 12 spaces per 30 seats. Additional parking may be required as determined by planning official. | 1 space/3 seats in classrooms                                                                                                    |
| <b>COMMERCIAL</b>                                                                                                                                                                      |                                                                                                                                  |
| Commercial and Transient Lodging                                                                                                                                                       | 1.0/lodging unit                                                                                                                 |
| Eating/Drinking Establishments                                                                                                                                                         | 1/250                                                                                                                            |
| Entertainment-Oriented                                                                                                                                                                 |                                                                                                                                  |
| - Adult Entertainment                                                                                                                                                                  | Refer to specific use, i.e., theater, book or video store                                                                        |
| Indoor Entertainment                                                                                                                                                                   |                                                                                                                                  |
| - Movie/Live Performance Theaters                                                                                                                                                      | 1.0/6 seats or 12' of bench                                                                                                      |
| - Skating Rinks/Arcades                                                                                                                                                                | 1.0/150                                                                                                                          |
| - Bowling Alleys                                                                                                                                                                       | 5 spaces per lane                                                                                                                |

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| Use | Minimum |
|-----|---------|
|-----|---------|

**Table 20.945.070-2. Minimum Off-Street Vehicle Parking Requirements**

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| - Shooting Ranges            | 1 space per lane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| - Major Event Entertainment  | 1.0/6 seats or 12' bench                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| General Retail               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| - Sales-Oriented             | 1/300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| - Personal Services          | 1/400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| - Repair-Oriented            | 1/400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| - Bulk Sales                 | <p>(a) Properties with less than 10,000 square feet of open sales or rental area shall provide 1 space for each 1,000 square feet of gross floor area, plus one space for each 2,500 sq. ft. of open sales or rental area.</p> <p>(b) Properties with 10,000 square feet or more of open sales or rental area shall provide 1 space for each 1,000 square feet of gross floor area, plus 4 spaces, plus one 1 space for each 10,000 square feet of open sales or rental area in excess of 10,000 sq. ft.</p> |
| - Outdoor Sales              | Same as Bulk Sales                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Animal Kennel/Shelters       | 1/600 plus 1 per employee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Motor Vehicle Related        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| - Motor Vehicle Sales/Rental | <p>(a) Properties with less than 10,000 square feet of open sales or rental area shall provide 1 space for each 1,000 square feet of gross floor area, plus one</p>                                                                                                                                                                                                                                                                                                                                          |

| Use | Minimum |
|-----|---------|
|-----|---------|

**Table 20.945.070-2. Minimum Off-Street Vehicle Parking Requirements**

|                                    |                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                    | <p>space for each 2,500 sq. ft of open sales or rental area.</p> <p>(b) Properties with 10,000 square feet or more of open sales or rental area shall provide 1 space for each 1,000 square feet of gross floor area, plus 4 spaces, plus one 1 space for each 10,000 square feet of open sales or rental area in excess of 10,000 sq. ft.</p> |
| - Motor Vehicle Servicing/Repair   | 1/500                                                                                                                                                                                                                                                                                                                                          |
| - Vehicle Fuel Sales               | No less than 2                                                                                                                                                                                                                                                                                                                                 |
| - Elec. Vehicle Recharging Station | None                                                                                                                                                                                                                                                                                                                                           |
| Office                             |                                                                                                                                                                                                                                                                                                                                                |
| - General                          | 1/400                                                                                                                                                                                                                                                                                                                                          |
| - Medical                          | 1/200                                                                                                                                                                                                                                                                                                                                          |
| - Extended                         | 1/300                                                                                                                                                                                                                                                                                                                                          |
| Non-Accessory Parking              | NA                                                                                                                                                                                                                                                                                                                                             |
| Self-Service Storage               | Based on area of office                                                                                                                                                                                                                                                                                                                        |
| Marina                             |                                                                                                                                                                                                                                                                                                                                                |
| <b>INDUSTRIAL</b>                  |                                                                                                                                                                                                                                                                                                                                                |
| Industrial Services                | 1/600                                                                                                                                                                                                                                                                                                                                          |
| Manufacturing and Production       | 1/800                                                                                                                                                                                                                                                                                                                                          |
| Railroad Yards                     | None                                                                                                                                                                                                                                                                                                                                           |

| Use | Minimum |
|-----|---------|
|-----|---------|

**Table 20.945.070-2. Minimum Off-Street Vehicle Parking Requirements**

|                                   |                                                                      |
|-----------------------------------|----------------------------------------------------------------------|
|                                   |                                                                      |
| Research and Development          | 1/600                                                                |
| Warehouse/Freight Movement        | 1/2000                                                               |
| Wholesale Sales                   | 1/1250                                                               |
| Waste-Related                     | 1 space per 200 sq ft. of office space,<br>plus 1 space per employee |
| <b>OTHER</b>                      |                                                                      |
| Agriculture/Horticulture          | None                                                                 |
| Airport/Airpark                   | None                                                                 |
| Cemeteries                        | 1.0/6 seats or 12' of bench in chapels                               |
| Detention Facilities              | 1.0/3 beds                                                           |
| Heliports                         | None                                                                 |
| Mining                            | 1 per employee maximum shift                                         |
| Rail Lines/Utility Corridors      | None                                                                 |
| Temporary Uses                    | None                                                                 |
| Wireless Communication Facilities | One                                                                  |

**1** DU=Dwelling Unit

**2** Does not include outpatient clinics or medical offices; see Medical/Dental Offices.

**3** Gasoline stations offering other retail goods for sale, in enclosed spaces accessible by the customer, shall also comply with the parking requirements for convenience stores. Gasoline stations providing vehicle repair or maintenance services shall also comply with the parking requirements for vehicle repair or service facilities.

**4** Senior multi-family housing projects shall provide on-site parking at a minimum rate of one space per dwelling unit.

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6 Frequent transit service means a bus rapid transit or other high capacity transit corridor, or transit corridors with existing weekday peak service frequencies of 35 minutes or less, as indicated in the C-Tran 2018-2033 Transit Development Plan.

7. The number of employees based on maximum number of employees present at any given time (i.e., during the largest shift of employees).

- d. A new Section of Vancouver Municipal Code, 20.950 is added as follows:

## **CHAPTER 20.950 COTTAGE CLUSTER HOUSING**

### **20.950.010 Purpose.**

These standards are intended to allow groups of small-scale cottages around common areas in single or multi-family zoning districts in a manner promoting accessible housing and community interaction. The individual homes are smaller and shorter than what is allowed in the underlying zoning district, but they may be built at a higher density.

### **20.950.020 Applicability.**

- A. Permitted zones and required minimum project size. Cottage Cluster housing developments shall be allowed on properties 20,000 square feet or larger in size, in the R-17, R-9, R-6, R-4 and R-2 zoning districts.
- B. Permitted Uses. Cottage Cluster development uses shall be limited to attached and detached single family homes and associated outbuildings, public or private open space, and parking areas. Duplexes or attached single family homes may constitute no more than 20% of the total number of units. Home Occupations pursuant to [VMC 20.860](#) shall be permitted only if there are no employees residing off-site. Accessory dwelling units pursuant to [VMC 20.810](#) shall be permitted only if located entirely within the single family homes.
- C. The narrow lot development standards in [VMC 20.927](#) and R-17 zoning district standards of [VMC 20.410](#) shall not apply to cottage housing developments.

### **20.950.030 Site Development and Design Standards**

- A. General Standards.
  1. Cottage housing developments may be allowed at up to two hundred percent (200%) of the maximum density of the underlying zone, including any accessory dwelling units.
  2. Cottage housing developments shall contain a minimum of four (4) and a maximum of twelve (12) units in a cluster; provided, that a cottage development may contain up to two (2) clusters.
  3. Each single- family cottage shall not exceed 1,600 square feet in total floor area, and each duplex cottage 3,000 square feet. Floor areas of attached or detached garages and outbuildings shall count towards these size limits, with the exception of the first 200 hundred square feet of garage or outbuilding per single family cottage, or 400 square feet per duplex.
  4. Building heights may not exceed 25 feet within 50 feet of the project site perimeter, and 30 feet elsewhere in the site. Roofs higher than 18 feet shall be pitched at a ratio of at least 6:12.
  5. Covered porches shall be at least 60 square feet, with no dimension less than 5 feet
  6. Buildings shall be set back at least 10 feet from the nearest public or private road, and at least five feet from other buildings. Building setbacks to exterior property lines shall be that of the underlying zoning district.

- B. Cottage Orientation. Cottages must be clustered around a common courtyard and must meet the following standards.
1. At least 75% of the cottage units shall be located within 25 feet of a common courtyard, and shall have covered porches and main entries which face the common courtyard.
  2. The Planning Official may at their discretion grant exceptions as needed to allow cottages abutting a public street at the site perimeter to face the street, and as needed in cases of very narrow or unusually configured project parcels may reduce the required percentage of lots located within 25 feet of the common courtyard to 50%.
- C. Common Courtyard Design Standards. Each cottage cluster must share a common courtyard in order to provide a sense of openness and community of residents. Common courtyards must meet the following standards.
1. The common courtyard must contain a minimum of 200 square feet of usable open or congregating space per cottage units within the associated cluster.
  2. The common courtyard must be generally square or round, and no narrower than 15 feet wide at its narrowest dimension.
  3. The common courtyard shall be developed with a mix of landscaping, lawn area, pedestrian paths, and/or paved courtyard area, and may also include recreational amenities. Impervious elements of the common courtyard shall not exceed 50 percent of the total common courtyard area.
  4. Pedestrian paths must be included in a common courtyard. Parking areas, required setbacks, and driveways do not qualify as part of a common courtyard.
- D. Required Parking and Parking Design
1. Required spaces. Each dwelling unit shall include at least one parking space within the project area. On street parking spaces abutting the project area may be counted towards this requirement.
  2. Common Parking Areas. Parking may be located adjacent to an individual unit or in a common parking area. Common parking areas are subject to the following standards.
    - a. Cottage cluster projects with fewer than 12 cottages are permitted parking clusters of not more than 5 contiguous spaces.
    - b. Cottage cluster projects with 12 cottages or more are permitted parking clusters of not more than 8 contiguous spaces.
    - c. Parking clusters must be separated from other spaces by at least 4 feet of landscaping.
    - d. Clustered parking areas may be covered.
  3. Parking location, access and screening.
    - a. Off-street parking areas with 5 or more spaces shall not be located within 20 feet from any property line that abuts a street other than an alley;
    - b. No off-street parking space or vehicle maneuvering area is permitted between a property line that abuts a street (other than an alley) and the front façade of cottages located closest to that property line.
    - c. No off-street parking space is permitted within 10 feet of any other property line external to the cottage cluster, except property lines abutting an alley. Driveways and drive aisles are permitted within 10 feet of other external property lines.

- d. Sight-obscuring landscaping, fencing, or walls at least three feet in height shall separate clustered parking areas and parking structures from common courtyards and property lines external to the cottage cluster.

E. Pedestrian Access.

1. A pedestrian path must be provided that connects the main entrance of each cottage to the following:
  - a. The common courtyard;
  - b. Shared parking or solid waste storage areas;
  - c. Community buildings; and
  - d. Sidewalks in public rights-of-way abutting the site or rights-of-way if there are no sidewalks.
2. The pedestrian path must be hard-surfaced and a minimum of 3 feet wide.

F. Community Buildings. Cottage cluster projects may include community buildings for the shared use of residents that provide space for accessory uses such as community meeting rooms, guest housing, exercise rooms, day care, community eating areas, community gardens, or picnic shelters. Community buildings must meet the following standards.

1. Each cottage cluster is permitted one community building.
2. The community building shall have a maximum floor area of 1,200 sf.

G. Maintenance of Common Areas. The development application shall include a plan for ongoing maintenance of shared or common areas, including a mechanism for ensuring that the maintenance plan will be implemented.

H. Solid Waste Provisions. The development application shall include a plan for access for solid waste and recycling collection service, indicating common or individual unit collection points with demonstrated access and turning space for solid waste vehicles

20.950.040 Approval Process.

Cottage Cluster housing projects shall be reviewed under [VMC 20.320](#), subdivision, where individual lots are proposed to be owned separately, or as a Type II review subject to [VMC 20.270](#), Site Plan Review, where common ownership of lots is proposed.

e. **Portions of Vancouver Municipal Code Section 20.925, Landscaping, are amended as follows:**

**20.925.030 General Provisions.**

A. *Landscaping requirements.* Landscaping shall be provided and maintained per Table 20.925.030-1 and 20.925.030-2 of this section.

**Table 20.925.030-1. Minimum Landscaping and Buffer Setback Standards**

| Zoning of Proposed Development (Buffer width is the setback for the commercial and industrial zoning districts)                                            |                                     |                                        |                           |                                         |                           |                                       |                           |                                 |                           |                                 |                                                      |                                 |                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------|---------------------------|-----------------------------------------|---------------------------|---------------------------------------|---------------------------|---------------------------------|---------------------------|---------------------------------|------------------------------------------------------|---------------------------------|------------------------------------------------------|
| Required street trees and parking area landscaping do not count towards these requirements except as allowed by the street tree and parking code sections. |                                     | Lower Density Residential <sup>1</sup> |                           | Higher Density Residential <sup>1</sup> |                           | Commercial and Mixed Use <sup>1</sup> |                           | Industrial <sup>1</sup>         |                           |                                 |                                                      |                                 |                                                      |
|                                                                                                                                                            |                                     | R-2, R-4, R-6, R-9, R-17               |                           | R-18, R-22, R-30, R-35, R-50            |                           | CN, CC, CG, HX and MX only            |                           | OCI                             |                           | IL A                            |                                                      | IH                              |                                                      |
| Zoning Of Land Abutting Development Site                                                                                                                   |                                     | Separated from site by a street        | Not separated by a street | Separated from site by a street         | Not separated by a street | Separated from site by a street       | Not separated by a street | Separated from site by a street | Not separated by a street | Separated from site by a street | Not separated by a street                            | Separated from site by a street | Not separated by a street                            |
| Lower Density Residential                                                                                                                                  | R-2, R-4, R-6, R-9, R-17            | None                                   | None                      | L2 10-ft                                | L3 5-ft <sup>6</sup>      | L2 10-ft                              | L4 10-ft                  | L2 10-ft                        | L4 10-ft                  | L3 20-ft                        | L4 in 40-ft <sup>5</sup><br>L5 in 50-ft <sup>5</sup> | L3 20-ft                        | L4 in 40-ft <sup>5</sup><br>L5 in 50-ft <sup>5</sup> |
| Higher Density Residential                                                                                                                                 | R-18, R-22, R-30, R-35, R-50        | None                                   | L3 5-ft <sup>6</sup>      | L1 10-ft                                | L1 5-ft                   | L2 10-ft                              | L4 10-ft                  | L2 5-ft                         | L2 5-ft                   | L3 20-ft                        | L4 in 40-ft <sup>5</sup><br>L5 in 50-ft <sup>5</sup> | L3 20-ft                        | L4 in 40-ft <sup>5</sup><br>L5 in 50-ft <sup>5</sup> |
| Commercial and Mixed Use                                                                                                                                   | CN, CC, CG, MX                      | L1 10-ft                               | L3 5-ft <sup>6</sup>      | L2 10-ft                                | L3 5-ft                   | L2 10-ft                              | L1 <sup>2</sup> 0-5 ft    | L2 5-ft                         | L1 <sup>2</sup> 0-5 ft    | L2 10-ft                        | L3 5-ft                                              | L2 10-ft                        | L3 10-ft                                             |
| Industrial                                                                                                                                                 | OCI                                 | L1 10-ft                               | L3 5-ft                   | L1 10-ft                                | L3 5-ft                   | L2 10-ft                              | L1 <sup>2</sup> 0-5 ft    | L2 5-ft                         | L1 <sup>2</sup> 0-5 ft    | L2 10-ft                        | L3 5-ft                                              | L2 10-ft                        | L3 10-ft                                             |
|                                                                                                                                                            | IL, A,                              | L1 10-ft                               | L3 5-ft                   | L2 10-ft                                | L3 5-ft                   | L2 10-ft                              | L2 5-ft                   | L2 5-ft                         | L1 <sup>2</sup> 0-5 ft    | L2 10-ft                        | L1 5-ft                                              | L2 10-ft                        | L3 10-ft                                             |
|                                                                                                                                                            | IH                                  | L1 10-ft                               | L3 5-ft                   | L2 10-ft                                | L3 5-ft                   | L2 5-ft                               | L3 5-ft                   | L2 5-ft                         | L3 5-ft                   | L2 10-ft                        | L3 10-ft                                             | L2 10-ft                        | L1 <sup>2</sup> 0-5 ft                               |
| Resource (County)                                                                                                                                          | FR-80, FR-40, AG-20, AG-WL, Park/WL | L1 10-ft                               | L3 50-ft                  | L2 10-ft                                | L3 50-ft                  | L2 10-ft                              | L2 5 ft                   | L2 5-ft                         | L3 10-ft                  | L2 10-ft                        | L1 5-ft                                              | L2 10-ft                        | L3 10-ft                                             |

**1** Zero lot line developments shall comply with the standards and requirements of VMC [20.910.050](#).

**2** If building is to be built on the property line there is no required buffer for that portion of the site.

**3** Applies to multi-family site plan applications and the perimeter of land divisions not to individual single-family lot developments.

**4** In case of conflict with yard, setback, landscape, screening, or buffer standards specified in other sections of Title [20](#), the stricter standard shall apply, except for plan districts where the district standards shall always apply even if less strict than the standards of this table.



5 Buffer widths abutting parking areas that are landscaped in accordance with the requirements of VMC [20.945.040\(l\)](#) can be reduced to 25 feet.

6 Where a directly abutting site not separated by a street is currently developed with a single-story residential structure, the minimum setback is five (5) feet plus one (1) additional foot for each three (3) feet of proposed building height above 35 feet, up to a maximum setback of 15 feet. The additional setback for buildings above 35 feet in height applies only to the portions of those buildings above 35 feet.

**Table 20.925.030-2. Landscaping and Screening Design Standards<sup>1</sup>**

| Type | Name                     | Description                                                                                                                                                                                                                                             | Minimum Shrubs Based on Buffer Depth                                                                           | Minimum Trees                                                                                               | Wall or Berm or Fence Required – Standards                             |
|------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| L1   | General (for open areas) | Used where distance is primary means of separating uses or development, and landscaping enhances area between them                                                                                                                                      | a. 10 ft or less = None<br>b. Over 10 ft = 2 high or 3 low shrubs per 400 sq. ft. landscaped area              | a. One tree per 30 lineal ft<br>b. One tree per 800 sq. ft.                                                 | None                                                                   |
| L2   | Low Screen               | Distance and low-level screening intended to separate uses or development. Applied where low level screening sufficiently reduces the impact of a use or development, or where visibility between areas is more important than a greater visual screen. | Continuous screen 3 ft high, 95% opaque year-round. 3+ gallon containers or equivalent with spread 18+ inches. | One tree per 30 lineal ft of landscaped area or as needed to provide a tree canopy over the landscaped area | 3 ft high masonry wall or F2 fence or a berm may substitute for shrubs |
| L3   | High Screen              | Physical and                                                                                                                                                                                                                                            | Enough shrubs to                                                                                               |                                                                                                             | 6 ft F1 or F2 high                                                     |

| Type | Name                            | Description                                                                                                                                                                                  | Minimum Shrubs Based on Buffer Depth                                                                               | Minimum Trees | Wall or Berm or Fence Required – Standards                                                                                   |
|------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------|
|      |                                 | visual separation between uses or development principally using screening. Used where full separation is warranted by impacts of proposed development, notwithstanding loss of direct views. | form a 6-ft high buffer screen 95% opaque year-round; 5+ gallon containers or equivalent with spread of 30+ inches |               | wall or fence with or without berm may substitute for shrubs                                                                 |
| L4   | High Wall                       | Used where extensive screening of visual and noise impacts is needed to protect abutting sensitive uses and/or there is little space for separation between uses.                            | Four high shrubs required per 30 lineal ft of wall                                                                 |               | 6 ft F2 high wall required                                                                                                   |
| L5   | High Berm                       | Used instead of L4 where extensive screening is warranted and more space is available for separation between uses.                                                                           | L2 low shrubs on top of berm so total screen height = 6 ft                                                         |               | 4 – 6 ft high berm required. If under 6 ft high, plant L2 low shrubs on top of berm so overall screen height is 6 ft.        |
| F1   | Partially Sight-Obscuring Fence | Partial visual separation applied where a proposed use or development has little impact, or where visibility between areas is more important                                                 |                                                                                                                    |               | 6 ft high – at least 50% sight-obscuring – wood, metal, chain link with slats, bricks, masonry or other permanent materials. |

| Type | Name                        | Description                                                                                                                               | Minimum Shrubs Based on Buffer Depth | Minimum Trees | Wall or Berm or Fence Required – Standards                                                                                                                       |
|------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                             | than a total visual screen.                                                                                                               |                                      |               |                                                                                                                                                                  |
| F2   | Fully Sight-Obscuring Fence | Full visual separation where complete screening is needed to protect abutting uses, and landscaping alone cannot provide that separation. |                                      |               | 6 ft. high – 100% sight-obscuring – made of wood, metal, bricks, masonry or other permanent materials – no chain link fences with slats or similar construction. |

**1 Additional Requirements:**

L1, L2, L3, L4, L5 – Groundcover plants, grass lawn or approved flowers must fully cover the landscaped area not in shrubs or trees.

L2, L3 – When applied along street lot lines, the screen or wall is to be placed along the interior side of the landscaped area.

L4 – When abutting another property, the wall shall abut the property line. When abutting a street or road right-of-way, the wall shall be on the interior side of the landscaped area.

L1 – Within the commercial districts where a building is to be placed at the buffer line for a front setback, concrete or brick pavers may be used in place of the required groundcover for the length of the building for the front setback only; provided, the required trees are still supplied, the paved area is connected to the public sidewalk, and pedestrian amenities are provided such as benches or pedestrian plazas. Building need not be placed at the required buffer line to utilize this section if the area between the buffer line and the building is devoted entirely to pedestrian only areas.

L1, L2, L3, L4, L5 – Groundcover plants to be placed not more than thirty (30) inches on center and thirty (30) inches between rows. Rows of plants shall be staggered for a more effective covering. Groundcover shall be supplied in a minimum four (4) inch size container or a two and one-quarter (2 1/4) inch container or equivalent if planted eighteen (18) inches on center.

**20.925.070 Buffering, Screening and Open Storage.**

Buffering and screening of parking, solid waste containers, and open storage shall be required as follows:

A. *Parking lots.* All parking, loading and maneuvering areas including driveways and drive-through lanes shall be screened from view per the standards of [20.945.040\(I\)\(2\)](#) VMC.

B. *Screening of service facilities.* Except for one-family and two-family dwellings, any solid waste container or recycling or disposal area and ground-level service facilities such as gas meters and air conditioners which would be visible from a public street, parking area, or any residentially-zoned property shall be screened from view per the standards of [20.970](#) VMC by placement of a solid wood fence, evergreen hedge or masonry wall. All refuse materials shall be contained within the screened area.

C. *Open Storage.* Open storage, or storage not wholly within an enclosed building shall be required to meet the following requirements of Table 20.945.070-1

| <b>Table 20.925.070-1<br/>Open Storage Standards</b> |                                                                                                            |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>District</b>                                      | <b>Open Storage Requirement</b>                                                                            |
| R-2, R-4, R-6, R-9, R-17                             | Not allowed                                                                                                |
| R-18, R-22, R-30, R-35, R-50                         | Storage no higher than 5', screened by site-obscuring fence or evergreen hedge 6' in height                |
| City Center District (CX)                            | Storage no higher than 5', screened on all sides by a site-obscuring fence or evergreen hedge 6' in height |
| OCI                                                  | Not allowed                                                                                                |
| All other Commercial Districts                       | Same as for R-18, R-22, R-30, R-35                                                                         |
| IL, IH                                               | Open storage facing a street shall be screened                                                             |
| Open Space Districts                                 | Not allowed except for agricultural implements                                                             |

(Ord. M-3643, 01/26/2004)

f. A new Vancouver Municipal Code Section 20.815 is added as follows:

### **20.815 Micro Housing Units**

#### **20.815.010 Purpose**

These standards are intended to allow smaller unit size apartments with shared kitchen and/or bathroom facilities in multifamily zoning districts.

#### **20.815.020 Applicability**

- A. Use Classification. Micro housing units included under the residential use type of Household Living.
- B. Zoning. Micro housing units are allowed by right in R-18, R-22, R-30, R-35, R-50 or as part of a mixed-use development in the CC, CG and CH zones

#### **20.815.030 Required Provisions**

- A. Kitchen Facilities. One or more of the following options shall be provided to ensure residents have access to facilities for cooking, refrigeration, and washing utensils:
  - 1. A community kitchen facility on each floor available for shared use by the residents of that floor; or
  - 2. Individual kitchens for the private use of the residents of the unit; or a combination of private and community kitchen facilities.
- B. Maximum Number of Bedrooms. Each living unit may have up to one bedroom that is separate from the remainder of living facilities within the unit.
- C. Unit Size. Units shall be between 120 and 400 square feet in size.
- D. Unit Density. Micro housing project densities shall be as allowed by underlying zoning designations. Micro housing may not be eligible for affordable housing density bonuses
- E. Bathrooms. A unit is not required to but may contain partial or full bathroom facilities. A partial bathroom facility means includes a toilet and sink; a full facility includes a toilet, sink, and bathtub or shower, or bathtub/shower combination. If a full bathroom facility is not provided in each room, common bathroom facilities must be provided that meet the standards of the Building Code for congregate residences with at least one full bathroom per floor.
- F. Parking. Micro housing units require one parking space per two dwelling units.

**g. Vancouver Municipal Code Section 20.810, Accessory Dwelling Units, is amended as follows:**

**20.810.010 Purpose**

Purpose. The purpose of these code provisions for accessory dwelling units (ADUs) is to: (1) provide homeowners with flexibility in establishing separate living quarters within or adjacent to their homes for the purpose of caring for seniors, providing housing for their children or obtaining rental income; (2) increase the range of housing choices and the supply of accessible and affordable housing units within the community; and (3) ensure that the development of accessory dwelling units does not cause unanticipated impacts on the character or stability of single-family neighborhoods. (Ord. M-4209 § 2, 08/07/2017; Ord. M-3643, 01/26/2004)

**20.810.020 Definition.**

Accessory Dwelling Unit (ADU). One or more rooms with private bath and kitchen facilities comprising an independent, self-contained dwelling unit within or attached to a single-family dwelling or in a detached building on the same lot as the primary dwelling unit. An ADU is distinguishable from a duplex in that, unlike a duplex, it is clearly subordinate to the primary dwelling unit, both in use and appearance. (Ord. M-4209 § 2, 08/07/2017- Effective 09/06/2017; Ord. M-3931 § 25, 11/02/2009; Ord. M-3643, 01/26/2004).

**20.810.030 Applicability.**

A. *Accessory dwelling unit applicability.* ADUs shall be allowed as limited uses in all residential zoning districts (R-2, R-4, R-6, R-9, R-17, R-18, R-22, R-30, R-35, and R-50) if in compliance with all of the development standards contained in Section 20.810.030 VMC below. ADUs shall not be allowed within nonresidential zoning districts or in the following circumstances:

1. On properties not containing a detached single-family dwelling
2. On properties containing activities requiring a home occupation permit pursuant to VMC 20.860.

B. *Approval process.* A proposed ADU shall be reviewed by means of a Type I procedure, pursuant to Section 20.210.040 VMC, subject to the development standards contained in

Section 20.810.040 VMC below. An ADU use is not subject to Site Plan Review. (Ord. M-4209, Added, 08/07/2017, Sec 2)

#### **20.810.040      Development Standards.**

Development standards for accessory dwelling units. An ADU shall comply with the following standards:

A. *Configuration.* An ADU may be located either within, attached to, or detached from the primary structure.

B. *Density.* Only one ADU may be created in conjunction with each single-family residence.

C. *Minimum lot size.* An ADU may be established on any legally established parcel meeting applicable standards of this chapter.

D. *Maximum unit size.* The gross floor area, calculated from finished wall to finished wall. ADU shall not exceed 800 square feet or 50 % of the primary single-family structure, not including garage and/or detached accessory buildings (whichever is less). ADUs created entirely within existing basements may exceed 800 square feet provided they are not larger than the size of the remainder of the overall home.

E. *Minimum unit size.* The gross floor area of an ADU shall not be less than the requirements of the Washington State Building Code.

F. *Setbacks and lot coverage.* Additions to existing structures, or the construction of new detached structures, associated with the establishment of an ADU shall not exceed the allowable lot coverage or encroach into required setbacks as prescribed in the underlying zone. The applicable setbacks shall be the same as those prescribed for the primary structure, not those prescribed for detached accessory structures.

G. *Scale and visual subordination.* New detached ADUs, or ADUs extending from existing structures shall not comprise more than 50% of total visible façade area of the primary structure and other outbuildings not including the ADU, as seen from the front of the lot. ADUs shall be subject to a maximum height of 25 feet.

H. *Parking.* No additional on-site parking is required in conjunction with the establishment of an ADU.

I. *Design and appearance.* ADUs that are separate or extending from existing structures shall be architecturally compatible with the principal dwelling.

J. *Construction standards.* The design and construction of the ADU shall conform to all applicable standards in the building, plumbing, electrical, mechanical, fire, health and any other applicable codes. (Ord. M-4209 § 2, 08/07/2017; Ord. M-3959 § 38, 07/19/2010; Ord. M-3701 § 24, 05/02/2005; Ord. M-3643, 01/26/2004)

#### **20.810.050 Submission Requirements.**

The following information shall be submitted as part of an application for review:

A. *Application.* Completed and signed application provided by the Planning Official.

B. *Fee.* Fee pursuant to VMC 20.180.

C. *Site plan.* To-scale site plan showing the exact location of the primary residence and any accessory structures, parking, landscaping and setbacks.

D. *Floor plan.* Floor plan, drawn to scale, of entire house and accessory unit within the primary residence or within free-standing accessory structure.

E. *Elevations.* Elevations drawn to scale, of the accessory unit within the primary residence or within free-standing accessory structure. (Ord. M-4209 § 2, 08/07/2017; Ord. M-3643, 01/26/2004)

#### **20.810.060 Conversion of Existing Accessory Structures.**

A. *Conversion of an existing structure.* An existing garage structure or other outbuilding may be converted to an ADU provided that the structure complies with established setback standards for a primary structure, not accessory structure, as prescribed in the underlying zone, and complies with applicable building codes, and all other standards of this section. Conversion of such garage shall not result in the elimination of the requirement of one legal on-site parking space to serve the single family residence.

B. *Conversion of existing garages located in non-conforming setbacks.* Garages constructed before January 1, 2021 that are legally nonconforming as to side or rear yard setback may be eligible to be converted or replaced at their current location, provided that:

1. All applicable ADU, building, and other standards are met



2. Conversion or replacement structure or portion of the structure located within the setback does not result in it exceeding 15 feet in height or any taller than the existing structure, whichever is greater. Conversions or replacements of garages shall not result in the elimination of the requirement of one legal on-site parking space to serve the single-family residence.

B. *Off-street parking requirements.* The off-street parking requirements for the primary residence shall be provided for elsewhere on the site in conformance with the setback, paving and other development standards described in VMC 20.945 Parking and Loading. (Ord. M-4209 § 2, 08/07/2017; Ord. M-3701 § 25, 05/02/2005; Ord. M-3663 § 20, 08/02/2004; Ord. M-3643, 01/26/2004)

**Section 4. Savings.** Those ordinances or parts of ordinances which are amended by this ordinance shall remain in full force and effect until the effective date of this ordinance.

**Section 5. Severability.** If any clause, sentence, paragraph, section, or part of this ordinance or the application thereof to any person or circumstances shall be adjudged by any court of competent jurisdiction to be invalid, such order or judgment shall be confined in its operation to the controversy in which it was rendered and shall not affect or invalidate the remainder of any parts thereof to any other person or circumstances and to this end the provisions of each clause, sentence, paragraph, section or part of this law are hereby declared to be severable.

**Section 6. Effective Date.** This ordinance shall become effective thirty (30) days after adoption.

**Section 7. Instruction to City Clerk.** The City Clerk shall transmit a copy of the revised development code to the Washington Department of Commerce.

Read First Time:

Ayes: Councilmembers

Nays: Councilmembers

Absent: Council Members

Read Second Time:

PASSED BY THE FOLLOWING VOTE:

Ayes: Councilmembers

Nays: Councilmembers

Absent: Councilmembers

SIGNED this \_\_\_\_\_ day of \_\_\_\_\_, 2022

\_\_\_\_\_  
Anne McEnery Ogle, Mayor

Attest:

\_\_\_\_\_  
Natasha Ramras, City Finance Director  
By: Carrie Lewellen, Deputy City Clerk

Approved as to form:

\_\_\_\_\_  
Jonathan Young, City Attorney

ORDINANCE - 62



## SUMMARY

### ORDINANCE NO. M\_\_\_\_\_

AN ORDINANCE relating to zoning code text changes allowing for increased options for housing types and densities citywide; amending Vancouver Municipal Code (VMC) 20.410, 20.420, 20.810, 20.927, 20,945, and adding new sections 20.815 and 20.950; providing for savings, severability and an effective date.

The full text of this ordinance will be mailed upon request. Contact Raelyn McJilton, Records Officer at 487-8711, or via [www.cityofvancouver.us](http://www.cityofvancouver.us) (Go to City Government and Public Records).

## ATTACHMENT B

**{Allows micro housing apartments to be eligible for affordable housing density bonus if thresholds met}**

06/13/22

06/27/22

### ORDINANCE NO. M\_\_\_\_\_

AN ORDINANCE relating to zoning code text changes allowing for increased options for housing types and densities citywide; amending Vancouver Municipal Code (VMC) 20.410, 20.420, 20.810, 20.927, 20.945, and adding new sections 20.815 and 20.950; providing for savings, severability and an effective date.

WHEREAS, pursuant to the Growth Management Act the City Council has adopted Vancouver Municipal Code (VMC) Title 20 Land Use and Development Code (last amended through Ordinance M-4034); and

WHEREAS, the City of Vancouver faces increasing affordable housing challenges and rising housing costs and challenges in providing sufficient housing for all economic segments as documented in the [2016 City of Vancouver Affordable Housing Task Force Report](#) and a March 28, 2022 City Council workshop presentation and discussion; and

WHEREAS, to increase housing options and supply, comply with new state mandates, and facilitate incremental change, the Vancouver Community Development Department embarked on a two year community engagement process encompassing ten public workshops before the Vancouver Planning Commission and City Council, eight meetings with individual neighborhood associations, two meetings with citywide neighborhood umbrella groups, four meetings with developers, and ongoing online outreach through a project website, Be Heard Vancouver information, and project surveys; and

WHEREAS, at an April 12, 2022 duly advertised public hearing following a March 8 duly advertised public workshop, the Planning Commission voted unanimously to recommend that the City Council adopt six proposed zoning code text changes, voted 4-2 to recommend adoption of one other

zoning code text change related to micro housing apartments with shared bath or kitchen facilities, and voted 3-3 with no Commission recommendation moving forward on one other zoning code text change related to setbacks between new apartment development and abutting single family homes; and

WHEREAS, the City Council will be conducting a duly advertised public first reading on June 13, and duly advertised public hearing on June 26, 2022; and

WHEREAS, the cumulative environmental impacts of the proposed zoning text changes have been reviewed and determined to be nonsignificant pursuant to the State Environmental Policy Act (SEPA). A Notice of Determination of Non-significance (DNS) was issued on April 1, 2022, for the proposed zoning code text changes and no SEPA comments or appeals were received; and

WHEREAS, the City Council finds and concludes that the proposed changes are consistent with all relevant criteria Zoning Plan Map and Text Amendments (VMC 20.285); and

NOW, THEREFORE,

BE IT ORDAINED BY THE CITY OF VANCOUVER:

**Section 1. Findings and Conclusions.** The findings and conclusions as set forth in the staff report for the April 12, 2022, Planning Commission Public Hearing are hereby adopted as the City Council's findings of fact; and

**Section 2. Zoning Code Text Changes.**

**a. The following portions of Vancouver Municipal Code Section 20.410, are amended as follows:**

**20.410.020 List of Zoning Districts.**

A. R-2: Low-Density Residential District. The R-2 zoning district is designed to accommodate detached single dwellings with or without accessory residential units at a minimum lot size of 20,000 square feet and a density of 1.8 to 2.2 units/net acre. Some civic and institutional uses are permitted as limited or conditional uses. The R-2 zoning district was referred to as R1-20 zone prior to March 11, 2004.

B. R-4: Low-Density Residential District. The R-4 zoning district is designed to accommodate detached single dwellings with or without accessory residential units at a minimum lot size of 10,000 square feet and a density of 2.3 to 4.4 units/net acre. Some civic and institutional uses are permitted as limited or conditional uses. The R-4 zoning district was referred to as R1-10 zone prior to March 11, 2004.

C. R-6: Low-Density Residential District. The R-6 zoning district is designed to accommodate detached single dwellings with or without accessory residential units at a minimum lot size of 7,500 square feet and a density of 4.5 to 5.8 units/net acre. Some civic and institutional uses are permitted as limited or conditional uses. The R-6 zoning district was referred to as R1-7.5 zone prior to March 11, 2004.

D. R-9: Low-Density Residential District. The R-9 zoning district is designed to accommodate detached single dwellings with or without accessory residential units at a minimum lot size of 5,000 square feet and a density of 5.9 to 8.7 units/net acre. Some civic and institutional uses are permitted as limited or conditional uses. The R-9 zoning district is a new zoning district that combines what was referred to as R1-6 and R1-5 zones prior to March 11, 2004. (Ord. M-3643, 2004)

E. R-17: Low-Density Residential District. The R-17 zoning district is designed to accommodate detached and attached single dwellings with or without accessory residential units at a minimum lot size of 2,000 square feet and a density of 8.8 to 21.8 units/net acre. Some civic and institutional uses are permitted as limited or conditional uses.

#### **20.410.030 Uses.**

A. *Types of uses.* For the purposes of this chapter, there are four kinds of use:

1. A permitted (P) use is one that is permitted outright, subject to all of the applicable provisions of this title.
2. A limited (L) use is permitted outright providing it is in compliance with special requirements, exceptions or restrictions.
3. A conditional use (C) is a discretionary use reviewed through the process set forth in Chapters [20.245](#) and [20.210](#) VMC, governing conditional uses and decision-making procedures, respectively.
4. A prohibited use (X) is one that is not permitted in a zoning district under any circumstances.

B. *Use table.* A list of permitted, limited, conditional, and prohibited uses in Low-Density Residential Districts is presented in Table 20.410.030-1.

**Table 20.410.030-1. LOWER-DENSITY RESIDENTIAL DISTRICTS USE TABLE**

| USE                                     | R-2                   | R-4                   | R-6                   | R-9                   | <b>R-17</b>             |
|-----------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|
| <b>RESIDENTIAL</b>                      |                       |                       |                       |                       |                         |
| Household Living                        | P <sup>1</sup>        | P <sup>1</sup>        | P <sup>1</sup>        | P <sup>1</sup>        | <b>P<sup>1</sup></b>    |
| Group Living                            | P/X <sup>1</sup>      | P/X <sup>1</sup>      | P/X <sup>1</sup>      | P/X <sup>1</sup>      | <b>P/X<sup>1</sup></b>  |
| Home Occupation                         | L <sup>2</sup>        | L <sup>2</sup>        | L <sup>2</sup>        | L <sup>2</sup>        | <b>L<sup>2</sup></b>    |
| Medical Center Residential              | L <sup>23</sup>       | L <sup>23</sup>       | L <sup>23</sup>       | L <sup>23</sup>       | <b>L<sup>23</sup></b>   |
| <b>HOUSING TYPES</b>                    |                       |                       |                       |                       |                         |
| Single Dwelling, Attached               | L <sup>18</sup>       | L <sup>18</sup>       | L <sup>18</sup>       | L <sup>18</sup>       | <b>L<sup>18</sup></b>   |
| Single Dwelling, Detached               | P                     | P                     | P                     | P                     | <b>P</b>                |
| Accessory Dwelling Units                | L <sup>4</sup>        | L <sup>4</sup>        | L <sup>4</sup>        | L <sup>4</sup>        | <b>L<sup>4</sup></b>    |
| Duplexes <sup>22</sup>                  | L <sup>21</sup>       | L <sup>21</sup>       | L <sup>21</sup>       | L <sup>21</sup>       | <b>L<sup>24</sup></b>   |
| Multi-Dwelling Units                    | X                     | X                     | X                     | X                     | <b>L<sup>24</sup></b>   |
| Existing Manufactured Home Developments | L <sup>5</sup>        | L <sup>5</sup>        | L <sup>5</sup>        | L <sup>5</sup>        | <b>L<sup>5</sup></b>    |
| Designated Manufactured Homes           | L/X <sup>19</sup>     | L/X <sup>19</sup>     | L/X <sup>19</sup>     | L/X <sup>19</sup>     | <b>L/X<sup>19</sup></b> |
| New Manufactured Homes                  | L <sup>20</sup>       | L <sup>20</sup>       | L <sup>20</sup>       | L <sup>20</sup>       | <b>L<sup>20</sup></b>   |
| <b>Cottage Cluster Housing</b>          | <b>p<sup>25</sup></b> | <b>p<sup>25</sup></b> | <b>p<sup>25</sup></b> | <b>p<sup>25</sup></b> | <b>X</b>                |
| <b>CIVIC (Institutional)</b>            |                       |                       |                       |                       |                         |
| Basic Utilities                         | C                     | C                     | C                     | C                     | <b>C</b>                |
| Colleges                                | C                     | C                     | C                     | C                     | <b>C</b>                |
| Community Centers                       | X                     | X                     | X                     | X                     | <b>X</b>                |
| Community Recreation                    | C <sup>6</sup>        | C <sup>6</sup>        | C <sup>6</sup>        | C <sup>6</sup>        | <b>C<sup>6</sup></b>    |
| Cultural Institutions                   | P/C <sup>7</sup>      | P/C <sup>7</sup>      | P/C <sup>7</sup>      | P/C <sup>7</sup>      | <b>P/C<sup>7</sup></b>  |



| USE                                            | R-2                 | R-4                 | R-6                 | R-9                 | R-17                      |
|------------------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------------|
| <b>Day Care</b>                                |                     |                     |                     |                     |                           |
| - Family Day Care Home                         | P <sup>8</sup>      | P <sup>8</sup>      | P <sup>8</sup>      | P <sup>8</sup>      | <u>P<sup>8</sup></u>      |
| - Child Care Center                            | L/C <sup>11</sup>   | L/C <sup>11</sup>   | L/C <sup>11</sup>   | L/C <sup>11</sup>   | <u>L/C<sup>11</sup></u>   |
| - Adult Day Care                               | L/C/X <sup>9</sup>  | L/C/X <sup>9</sup>  | L/C/X <sup>9</sup>  | L/C/X <sup>9</sup>  | <u>L/C/X<sup>9</sup></u>  |
| Emergency Services (except ambulance services) | L/C <sup>11</sup>   | L/C <sup>11</sup>   | L/C <sup>11</sup>   | L/C <sup>11</sup>   | <u>L/C<sup>11</sup></u>   |
| Ambulance Services                             | X                   | X                   | X                   | X                   | <u>X</u>                  |
| Medical Centers                                | X                   | X                   | X                   | X                   | <u>X</u>                  |
| <b>Parks/Open Space</b>                        |                     |                     |                     |                     |                           |
| - Neighborhood Parks                           | P                   | P                   | P                   | P                   | <u>P</u>                  |
| - Community Parks                              | L <sup>10</sup> /C  | L <sup>10</sup> /C  | L <sup>10</sup> /C  | L <sup>10</sup> /C  | <u>L<sup>10</sup>/C</u>   |
| - Regional Parks                               | C                   | C                   | C                   | C                   | <u>C</u>                  |
| - Trails                                       | L <sup>10</sup>     | L <sup>10</sup>     | L <sup>10</sup>     | L <sup>10</sup>     | <u>L<sup>10</sup></u>     |
| Postal Service                                 | C                   | C                   | C                   | C                   | <u>C</u>                  |
| Religious Institutions                         | L/C <sup>11</sup>   | L/C <sup>11</sup>   | L/C <sup>11</sup>   | L/C <sup>11</sup>   | <u>L/C<sup>11</sup></u>   |
| Schools                                        | L/C <sup>11</sup>   | L/C <sup>11</sup>   | L/C <sup>11</sup>   | L/C <sup>11</sup>   | <u>L/C<sup>11</sup></u>   |
| Social/Fraternal Clubs                         | X                   | X                   | X                   | X                   | <u>X</u>                  |
| Transportation Facility                        | C <sup>12</sup>     | C <sup>12</sup>     | C <sup>12</sup>     | C <sup>12</sup>     | <u>C<sup>12</sup></u>     |
| <b>COMMERCIAL</b>                              |                     |                     |                     |                     |                           |
| Commercial and Transient Lodging               | L/C/X <sup>13</sup> | L/C/X <sup>13</sup> | L/C/X <sup>13</sup> | L/C/X <sup>13</sup> | <u>L/C/X<sup>13</sup></u> |
| <b>Eating/Drinking Establishments</b>          | X                   | X                   | X                   | X                   | <u>X</u>                  |
| Entertainment-Oriented                         |                     |                     |                     |                     |                           |
| - Adult Entertainment                          | X                   | X                   | X                   | X                   | <u>X</u>                  |

| USE                                           | R-2             | R-4             | R-6             | R-9             | R-17            |
|-----------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| - Indoor Entertainment                        | X               | X               | X               | X               | X               |
| - Major Event Entertainment                   | X               | X               | X               | X               | X               |
| <b>General Retail</b>                         |                 |                 |                 |                 |                 |
| - Sales-Oriented                              | C <sup>14</sup> | C <sup>14</sup> | C <sup>14</sup> | C <sup>14</sup> | C <sup>14</sup> |
| - Personal Services                           | C <sup>14</sup> | C <sup>14</sup> | C <sup>14</sup> | C <sup>14</sup> | C <sup>14</sup> |
| - Repair-Oriented                             | X               | X               | X               | X               | X               |
| - Bulk Sales                                  | X               | X               | X               | X               | X               |
| - Outdoor Sales                               | X               | X               | X               | X               | X               |
| <b>Motor Vehicle Related</b>                  |                 |                 |                 |                 |                 |
| - Motor Vehicle Sales/Rental                  | X               | X               | X               | X               | X               |
| - Motor Vehicle Servicing/Repair              | X               | X               | X               | X               | X               |
| - Vehicle Fuel Sales                          | X               | X               | X               | X               | X               |
| - EV Basic Charging Stations (accessory only) | P               | P               | P               | P               | P               |
| - EV Rapid Charging Stations (accessory only) | P               | P               | P               | P               | P               |
| - EV Battery Exchange Stations                | X               | X               | X               | X               | X               |
| <b>Office</b>                                 |                 |                 |                 |                 |                 |
| - General                                     | X               | X               | X               | X               | X               |
| - Medical                                     | X               | X               | X               | X               | X               |
| - Extended                                    | X               | X               | X               | X               | X               |
| Non-Accessory Parking                         | X               | X               | X               | X               | X               |
| Self-Service Storage                          | X               | X               | X               | X               | X               |

| USE                                          | R-2             | R-4             | R-6             | R-9             | R-17            |
|----------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Marina                                       | C               | C               | C               | C               | C               |
| <b>INDUSTRIAL</b>                            |                 |                 |                 |                 |                 |
| Industrial Services                          | X               | X               | X               | X               | X               |
| Manufacturing and Production                 | X               | X               | X               | X               | X               |
| Railroad Yards                               | X               | X               | X               | X               | X               |
| Research and Development                     | X               | X               | X               | X               | X               |
| Warehouse/Freight Movement                   | X               | X               | X               | X               | X               |
| Wholesale Sales                              | X               | X               | X               | X               | X               |
| Waste-Related                                | X               | X               | X               | X               | X               |
| Major Utility Facilities                     | X               | X               | X               | X               | X               |
| <b>OTHER</b>                                 |                 |                 |                 |                 |                 |
| Agriculture/Horticulture                     | P               | P               | P               | P               | P               |
| Airport/Airpark                              | X               | X               | X               | X               | X               |
| Animal Kennels/Shelters                      | X               | X               | X               | X               | X               |
| Cemeteries                                   | C <sup>15</sup> | C <sup>15</sup> | C <sup>15</sup> | C <sup>15</sup> | C <sup>15</sup> |
| Detention & Post Detention Facilities        | X               | X               | X               | X               | X               |
| Dog Day Care                                 | X               | X               | X               | X               | X               |
| Heliports                                    | X               | X               | X               | X               | X               |
| Recreational or Medical Marijuana Facilities | X               | X               | X               | X               | X               |
| Medical Marijuana Cooperatives               | X               | X               | X               | X               | X               |
| Mining                                       | X               | X               | X               | X               | X               |

| USE                               | R-2                 | R-4                 | R-6                 | R-9                 | R-17                |
|-----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Rail Lines/Utility Corridors      | P                   | P                   | P                   | P                   | P                   |
| Temporary Uses                    | L <sup>16</sup>     | L <sup>16</sup>     | L <sup>16</sup>     | L <sup>16</sup>     | L <sup>16</sup>     |
| Wireless Communication Facilities | L/C/X <sup>17</sup> | L/C/X <sup>17</sup> | L/C/X <sup>17</sup> | L/C/X <sup>17</sup> | L/C/X <sup>17</sup> |
|                                   |                     |                     |                     |                     |                     |

**1** Residential Care Homes, state or federally approved, with six or fewer residents and any required on-site residential staff permitted by right; all larger group living uses prohibited.

**2** Subject to the provisions of Chapter [20.860](#) VMC, Home Occupations.

**4** Subject to the provisions of Chapter [20.810](#) VMC, Accessory Dwelling Units.

**5** Subject to the provisions of Chapter [20.880](#) VMC, Manufactured Home Parks. Manufactured Home Developments established prior to July 1, 2005, are exempt from the standards of VMC [20.410.050\(F\)](#), Criteria for Placement of Manufactured Homes, and may continue to exist and expand within existing previously approved boundaries. An existing manufactured home in a development or subdivision may be replaced or may be relocated either to an approved manufactured home development or an approved manufactured home subdivision.

**6** Subject to provisions in VMC [20.895.040](#), Community Recreation and Related Facilities.

**7** Libraries only permitted outright; all other cultural institutions are conditional uses.

**8** Family day care homes for no more than 12 children are permitted when licensed by the state.

**9** Adult day care facilities for six or fewer adults allowed as limited uses subject to compliance with the development standards governing Home Occupations, per VMC [20.860.020\(B\)\(1\)](#) through [\(B\)\(7\)](#) ; facilities with seven to 12 adults allowed as conditional uses; and larger facilities are prohibited.

**10** Community parks that meet all of the criteria contained in VMC [20.410.050\(E\)\(1\)](#) are permitted by limited uses; all others require conditional use approval. Trails are limited uses subject to the additional development standards contained in VMC [20.410.050\(E\)](#).

**11** Schools, religious institutions, government buildings, fire stations, child care centers, and emergency services facilities that meet all of the criteria contained in VMC [20.410.050\(D\)](#) are permitted by right; all others require conditional use approval. Child care centers permitted by right shall be consistent with Chapter [20.840](#) VMC, Child Care Centers, and be subject to Type II review pursuant to VMC [20.210.050](#).

**12** Except bus, trolley and streetcar stops, including bus shelters, which are allowed by right.

**13** One- and two-bedroom Bed-and-Breakfast facilities are permitted outright and three- to six-bedroom Bed-and-Breakfast facilities are allowed as conditional uses, with all Bed-and-Breakfast facilities subject to provisions of Chapter [20.830](#) VMC, Bed-and-Breakfast Establishments. No more than six bedrooms are allowed under any circumstances. All other commercial lodging is prohibited.

**14** Retail commercial uses limited to 1,500 gsf per use to a maximum of 5,000 square feet in planned developments of 150 units or more. See VMC [20.260.020\(B\)\(1\)\(b\)\(2\)](#).

**15** Subject to provisions in VMC [20.895.030](#).

**16** Subject to provisions in Chapter [20.885](#) VMC, except sales of fireworks which is prohibited in residential zones.

**17** Building-mounted antennas are allowed by conditional use on nonresidential buildings in single-family residential zones subject to requirements contained in Chapter [20.890](#) VMC, Wireless Communication Facilities.

**18** Subject to VMC [20.260.020\(B\)\(1\)\(a\)\(2\)](#), planned development, and subject to VMC [20.910.050](#), Zero Lot Line Developments.

**19** A “designated manufactured home” is exempt from the development standards of VMC [20.410.050\(F\)](#) and may continue to exist and expand. An existing unit may be replaced or may be relocated either to an approved manufactured home development or an approved manufactured home subdivision. After July 1, 2005, only “new manufactured homes” that also meet the “designated manufactured home” criteria will be permitted on individual lots not part of an existing approved manufacturing home development or manufactured home subdivision. Except that a new manufactured home placed on an individual lot after July 1, 2005, may be relocated as permitted by this title if within five years of the date of the original placement.

**20** Subject to VMC [20.410.050\(F\)](#), Development Standards – Criteria for Placement of Manufactured Homes.

**21** Subject to Chapter [20.920](#) VMC, Infill Development Standards.

**22** Existing duplexes built on lots meeting the minimum infill lot size standards of Table 20.920.060-1 shall be considered conforming uses even if not part of an infill development.

**23** Medical Center Residential uses, as defined in VMC [20.160.020](#), are permitted outright if approved through a public facilities master plan per VMC [20.680.040](#).

**24** Two-family dwellings (Duplexes), three-family, or four-family dwellings are permitted subject to density and development standards of the R-17 district.

**25.** Pursuant to VMC 20.950, Cottage Cluster Standards

(Ord. M-4255 § 6, 2018; Ord. M-4254 § 3(BB), 2018; Ord. M-4187 § 5, 2016; Ord. M-4071 § 7, 2014; Ord. M-4066 § 5, 2013; Ord. M-4035 § 2, 2012; Ord. M-4034 § 10, 2012; Ord. M-4024 § 6, 2012; Ord. M-4002 § 5, 2011; Ord. M-3931 § 9, 2009; Ord. M-3922 § 19, 2009; Ord. M-3840 § 18, 2007; Ord. M-3709 § 4, 2005; Ord. M-3663 § 12, 2004; Ord. M-3643, 2004)

#### 20.410.040 Minimum and Maximum Densities.

A. *Purpose.* The purpose of this section is to establish minimum and maximum densities in each residential zoning district. To ensure the quality and density of development envisioned, the maximum density establishes the ceiling for development in each zoning district based on minimum lot size. To ensure that property develops at or near the density envisioned for the zone, the minimum density for each zoning district is set at just above the maximum density of the next less intense zone.

B. *Maximum and minimum densities.* The maximum and minimum densities for the Low-Density Residential Districts are contained in Table 20.410.040-1.

| Table 20.410.040-1<br>Minimum and Maximum Densities and Lot Sizes <sup>1, 2</sup> |                  |                     |                      |                     |
|-----------------------------------------------------------------------------------|------------------|---------------------|----------------------|---------------------|
| Zone                                                                              | Minimum Lot Size | Maximum Net Density | Maximum Average Size | Minimum Net Density |
| R-2                                                                               | 20,000 sf        | 2.2                 | 30,000 sf            | 1.8                 |
| R-4                                                                               | 10,000 sf        | 4.4                 | 19,000 sf            | 2.3                 |
| R-6                                                                               | 7,500 sf         | 5.8                 | 10,500 sf            | 4.5                 |
| R-9                                                                               | 5,000 sf         | 8.7                 | 7,400 sf             | 5.9                 |
| <b>R-17</b>                                                                       | <b>2,000 sf</b>  | <b>21.8</b>         | <b>4,900 sf</b>      | <b>8.8</b>          |

**1** The minimum and maximum density factors shall only be used for calculating densities of planned unit developments governed by VMC [20.260](#), infill development, density transfer, and situations where an existing house is allowed on a larger than maximum lot size per VMC [20.410.040.C.2.c](#) (Exceptions). Minimum densities shall be calculated based on the gross area of the site minus any public rights-of-way, street tracts, private road easements, lots for dwellings existing on December 11, 2004, or designated critical areas."

**2. Housing projects devoted entirely to housing affordable to households earning 80% or less of Area Median Income (AMI) and providing guarantee acceptable to the Planning Official that such units will remain affordable at this level for 50 years may increase the maximum net density and reduce the associated minimum lot size requirement of the underlying zone by up to 50% in the R-2, R-4, R-6, R-9, and R-17 zones, provided this is not used to exceed underlying zoning district requirements for permitted structure or use types, building heights, or other development regulations.**

C. *Exceptions.* The following exceptions are permitted to the lot size and density provisions for the R-2- R-9 zoning districts contained in Table 20.410.040-1 above:

1. Minimum lot size/maximum density:

- a. Lots developed or approved before March 11, 2004, are exempt from the requirements for minimum density. However, if a site is completely redeveloped, the new development must comply with the minimum density requirements contained in Table 20.410.010-1 above.
- b. Non-residential uses are exempt from minimum lot sizes.
- c. Within a development of two or more lots, the minimum lot size may be averaged as long as no lot is smaller than 80% of the minimum required lot size.
- d. Legal lots of record (lots legally created) that do not meet the minimum lot size requirement may be developed with a single dwelling unit.
- e. When the maximum density contains a fraction of a unit, the applicant must round to the nearest whole unit. For calculations of X.1 – X.4, this means rounding down; for calculations of X.5 – X.9, this means rounding up to the next whole unit.

2. Maximum lot size/minimum density:

- a. Non-residential uses are exempt from maximum lot sizes.
- b. On large parcels containing an existing dwelling on March 11, 2004, a lot no greater than one acre may be created around the existing dwelling with the remainder platted to create the number of dwelling units required within the range of minimum and maximum density established for the zoning district in which the parcel is located.
- c. When the minimum density contains a fraction of a unit, the applicant must round to the nearest whole unit. For calculations of X.1 – X.4, this means rounding down; for calculations of X.5 – X.9, this means rounding up to the next whole unit.
- d. On sites that contain sensitive environmental conditions, all or a portion of the sensitive resources areas may be deducted from the gross lot area before the minimum and maximum densities are calculated unless the applicant chooses to transfer density per the requirements of Chapter [20.940](#) VMC, On-Site Density Transfers.

3. *Planned Developments.* See VMC Chapter [20.260.060](#) (Development Standards – Item 4) for additional exceptions to lot size requirements. (Ord. M-3931 § 10, 2009; Ord. M-3701 § 13, 2005; Ord. M-3643, 2004)

**20.410.050 Development Standards.**

A. *Compliance Required.* All developments must comply with:

1. All of the applicable development standards contained in the underlying zoning district, except where the applicant has obtained a variance(s) in accordance with Chapters [20.290](#) VMC.

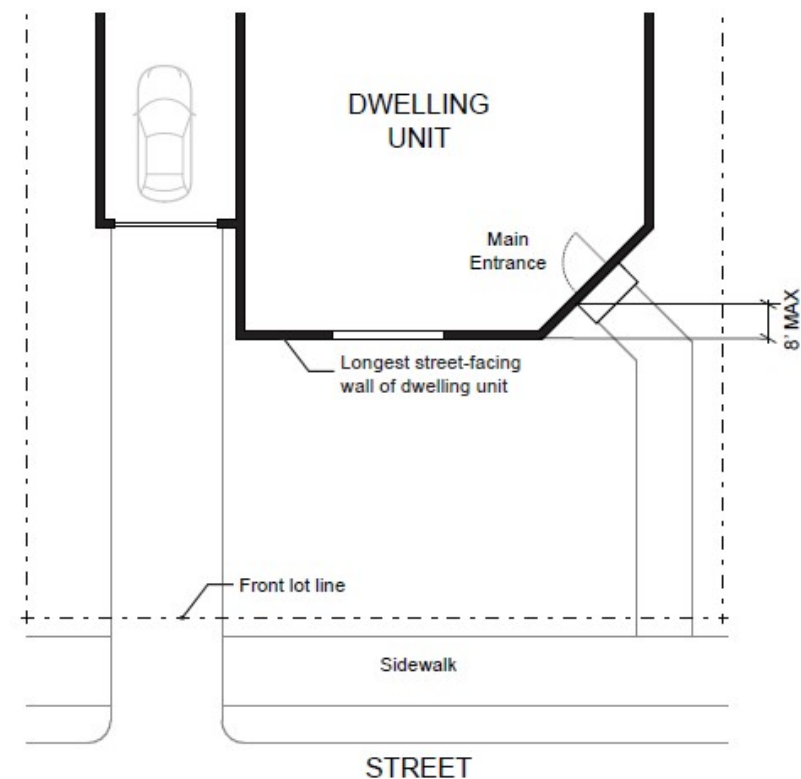
2. All other applicable standards and requirements contained in this title.

B. *Development standards.* Development standards in low-density residential zoning districts are contained in Table 20.410.050-1. These apply to all primary dwellings and accessory buildings on the site. For additional regulations governing accessory buildings, see Chapter [20.902](#) VMC.

1. Additional standards within R-6, R-9, and R-17 Zoning Districts. The following standards are in addition to the requirements in Table 20.410.050-1.

a. Garages. The width of the garage door facing the street may be up to 50 percent of the width of the street-facing building façade or 10' in length, whichever is greater. Garage limitations do not apply to residential development accessed through rear alleys, or where the garage is located in the rear of the lot.

b. Main Entrances. Main entrances shall be visible from the street and must have a porch or entry, and face the street or be oriented at an angle of not more than 45 degrees from the street-facing façade. Corner lot homes may face either street.





c. Front Façade Variety. Duplicative front facades of detached single- family structures facing the same street are prohibited. Sufficient differences can be achieved through meeting at least three of the following design features:

- i. Varied or staggered front setbacks, with variations of at least five feet,
- ii. Different building heights, with the two heights varying by at least five feet.
- iii. Varied rooflines such as hipped or pitched roofs,
- iv. Different window opening locations and designs
- v. Different garage location, configuration, and design

d. Alleys. Where alleys are present, all garages and on-site parking shall be accessible from the alley. In R-17 zones, single-family residential developments shall utilize rear alley-loading as follows:

- i. Alleys shall be required for developments on sites of four acres or larger where the proposed average new lot size is less than 3,000 square feet unless the application demonstrates and the Planning Official agrees that alleys are unfeasible due to significant site constraints such as significant variations in topography, irregular site shape, or presence of natural resource constraints
- ii. Alleys are encouraged in all other cases

e. Compliance with Narrow Lot Development Standards. Developments within the R-17 zoning district shall be subject to [VMC 20.927, Narrow Lot Development Standards](#), with the exception of [VMC 20.927.040.A.5.d garage width standards.](#) }

Location and configuration of driveways. Driveways shall be located to preserve space for on-street parking by meeting one of the following requirements.

- i. For housing units or developments on corner lots, off-street parking areas shall be accessed on the back façade or located in the rear yard. No off-street parking shall be allowed in the front yard or side yard.
  - ii. Driveways providing access to the front façade must be consolidated for adjacent dwellings.
  - iii. Consolidated driveways shall be tapered (i.e., narrower where they connect to the street and wider at the back to the driveway) to minimize the width of curb cuts and to enhance pedestrian safety.
  - iv. Individual driveways must be separated by at least 20' as measured from the edge of the driveway apron.
- f. Solid Waste Provisions. The development application shall include a plan for access for solid waste and recycling collection service, indicating common or individual unit collection points with demonstrated access and turning space for solid waste vehicles

| <b>Table 20.410.050-1</b><br><b>Development Standards in Lower-density Residential Zones</b> |            |            |                     |                      |                             |
|----------------------------------------------------------------------------------------------|------------|------------|---------------------|----------------------|-----------------------------|
| <b>STANDARD</b>                                                                              | <b>R-2</b> | <b>R-4</b> | <b>R-6</b>          | <b>R-9</b>           | <b>R-17</b>                 |
| Minimum Lot Size <sup>5</sup>                                                                | 20,000 sf  | 10,000 sf  | 7,500 sf            | 5,000 sf             | <u>2,000 sf</u>             |
| Maximum Lot Size                                                                             | 30,000 sf  | 19,000 sf  | 10,500 sf           | 7,400 sf             | <u>5,000 sf</u>             |
| Maximum Lot Coverage                                                                         | 50%        | 50%        | 50%                 | 50%                  | <u>65%</u>                  |
| Minimum Lot Width <sup>5</sup>                                                               | 100'       | 80'        | 50'                 | 45'                  | <u>25'</u>                  |
| Minimum Lot Depth <sup>5</sup>                                                               | 100'       | 90'        | 90'                 | 65'                  | <u>65'</u>                  |
| Minimum Setbacks                                                                             |            |            |                     |                      |                             |
| Front yard                                                                                   | 10'        | 10'        | 10' <sup>6</sup>    | 10' <sup>6</sup>     | <u>10' <sup>6</sup></u>     |
| Rear and through yards <sup>4</sup>                                                          | 5'         | 5'         | 5'                  | 5'                   | <u>5'</u>                   |
| Side yard                                                                                    | 10'        | 7'         | 0' <sup>15' 2</sup> | 0' <sup>1/5' 2</sup> | <u>0' <sup>1/5' 2</sup></u> |
| Street side yard                                                                             | 10'        | 10'        | <u>10' 8</u>        | <u>10' 8</u>         | <u>8</u>                    |
| Garage/Carport from public/private street right-of-way or sidewalk easement                  | 20'        | 20'        | 18'                 | 18'                  | <u>18'</u>                  |
| Garage/Carport from alley <sup>3</sup>                                                       | 15'        | 10'        | 5'                  | 5'                   | <u>5'</u>                   |

| <b>Table 20.410.050-1</b><br><b>Development Standards in Lower-density Residential Zones</b> |            |            |            |            |                    |
|----------------------------------------------------------------------------------------------|------------|------------|------------|------------|--------------------|
| <b>STANDARD</b>                                                                              | <b>R-2</b> | <b>R-4</b> | <b>R-6</b> | <b>R-9</b> | <b><u>R-17</u></b> |
| Maximum Height                                                                               | 35'        | 35'        | 35'        | 35'        | <u>35'</u>         |
| Minimum Off-Street Parking Spaces                                                            | 1          | 1          | 1          | 1          | <u>1</u>           |
| Minimum Landscaping Requirement (percentage of total net area)                               | 10%        | 10%        | 10%        | 10%        | <u>10%</u>         |

**1** Subject to Chapter [20.910.050](#) VMC.

**2** For each additional 10 feet of building height, or fraction thereof, over 25 feet, add 2 feet to the setback to a maximum of 10 feet on each side or rear yard.

**3** There must be a minimum of 20' maneuvering space from entrance edge of the carport or garage to opposite edge of the alley.

**4** A through lot will be treated as an interior rear yard, especially with respect to placement of principal and accessory structures, location of parking and height of fences only when there is no vehicular access to the abutting street. If access occurs then the through lot yard will be treated in all respects as a front yard.

**5** Smaller lot sizes and dimensions may be allowed subject to VMC 20.920, Infill Development Standards.

**6** Covered porches, eaves, bay windows, columns, or other structural extensions may extend up to 5-feet into the front setback or in accordance with 20.910.040.A.

*C. Institutional development standards.* Institutional uses such as colleges, schools, religious institutions, and emergency services facilities that locate within Low-Density Residential Districts shall comply with the following development standards:

1. For portions of an institutional campus abutting residentially-zoned property (not separated by a street):

a. Minimum setback: 35 feet.

b. Maximum height: 35 feet at the setback increasing one foot for every one foot of additional setback to a maximum of 75 feet.

c. Minimum landscaped buffering between the institutional use and residential development: 15 feet.

2. The development standards in subsection (1) above do not apply to existing buildings.

3. All other development standards on the institutional campus are the same as those in the underlying base zone except as follows:

a. Modified through a variance procedure per the requirements of Chapter [20.290](#) VMC alone or in conjunction with a Conditional Use procedure per the requirements of Chapter [20.245](#) VMC; or

b. Established as part of a Public Facilities Master Plan procedure per the requirements of Chapter [20.268](#) VMC.

D. *Criteria for institutions as limited uses.* As noted in Table 20.410.030-1 above, a school, religious institution, government building, fire station, child care center or emergency services facility is allowed as a limited use if it meets all of the criteria described below. An institution that does not comply with all of these criteria must be reviewed as a conditional use, except for school modular classrooms, which shall be permitted outright.

1. The site contains no more than 12 acres for an elementary school, not to exceed 75,000 gsf.

2. The site contains no more than two acres for a religious institution, not to exceed 30,000 gsf.

3. The site contains no more than one acre for a child care center, not to exceed 10,000 gsf.

4. The site takes its primary access from no less than a minor arterial.

5. If a religious institution also has a private elementary school, the total development shall not exceed 60,000 gsf and seven acres.

E. Criteria for Parks/Open Space as limited uses (Reserved for future use)

F. *Criteria for Placement of Manufactured Homes.*

1. General Provisions:

a. Manufactured homes are permitted on individual lots in the R-2, R-4, R-6, and R-9 residential zones in accordance with the placement standards as set forth in this section and other provisions which apply to conventionally built dwellings.

b. Nothing in these provisions shall be interpreted as superseding deed, covenants, or restrictions which are generally not enforced by the city.

c. Existing manufactured home developments and manufactured home subdivisions are permitted and are not subject to the provisions of this chapter. An existing manufactured home in a development or subdivision may continue to lawfully exist and be replaced or can be relocated either to an approved manufactured home development or an approved manufactured home subdivision.

d. A new manufactured home placed on an individual lot subsequent to the adoption of this ordinance, may be relocated as permitted by this title if within (5) five years of the date of the original placement.

## 2. Manufactured Home Placement Standards:

Except as allowed in subsections 1c and 1d above, all manufactured homes placed within the City of Vancouver shall comply with the following standards:

a. Manufactured homes must meet the development standards of the base zone unless otherwise noted.

b. The manufactured home must meet the definition of a “new manufactured home”, unless otherwise noted. A new manufactured home means any manufactured home required to be titled under Title [46](#) RCW, which was not titled to retail purchaser before July 1, 2005, and was not a “used mobile home” as defined in RCW [82.45.032\(9\)](#).

c. The manufactured home must meet the requirements of a “designated manufactured home”. Provided that manufactured homes built to [42](#) USC Section 5401-5403 standards (as amended in 2000) must be regulated in the same manner as site built homes.

d. The manufactured home must meet the following requirements

1. Is comprised of at least two fully enclosed parallel sections each of not less than twelve feet wide by thirty-six feet long;

2. Was originally constructed with and now has a composition or wood shake or shingle, coated metal, or similar roof of not less than 3:12 pitch;

3. Has exterior siding similar in appearance to siding materials commonly used on conventional site – built building code single-family residences;

e. The manufactured home must comply with all local design standards applicable to all other homes within the neighborhood in which the manufactured home is to be located

f. The manufactured home be set on permanent foundation, as specified by the manufacturer, and that the space from the bottom of the home to the ground be enclosed by concrete or an approved concrete product which can be either load bearing or decorative.

g. The manufactured home must be thermally equivalent to the state energy code.

## 3. Review and Inspection:

a. City will review building permit applications and will issue appropriate zoning and building permits and conduct the installation inspection.

b. The Department of Labor and Industries is responsible for inspections including replacement, addition, modification, or removal of any equipment or installation and issuing permits under RCW Chapter [43.22](#). (Ord. M-4066 § 5, 2013; Ord. M-3959 § 24, 2010; Ord. M-3931 § 11, 2009; Ord. M-3922

§ 20, 2009; Ord. M-3840 § 19, 2007; Ord. M-3709 § 5, 2005; Ord. M-3701 § 14, 2005; Ord. M-3663 § 13, 2004; Ord. M-3643, 2004)

- b. The following portions of Vancouver Municipal Code Section 20.420, are amended to read as follows:

**20.420.020 Zoning Districts.**

A. R-18: Higher-Density Residential District. The R-18 zoning district is designed to accommodate attached homes such as duplexes and rowhouses, and garden-type apartments at densities up to 18 units per acre and a minimum lot size of 1,800 square feet per unit. Professional office uses are permitted under certain circumstances. Some retail, civic and institutional uses are allowed conditionally. This zone consolidates the R-18 and OR-18 zones as of March 11, 2004.

B. R-22: Higher-Density Residential District. The R-22 zoning district is designed to accommodate rowhouses, garden-type apartments, and lower-density multi-dwelling structures at densities up to 22 units per acre and a minimum lot size of 1,500 square feet per unit. Professional office uses are permitted under certain circumstances. Some retail, civic and institutional uses are allowed conditionally. This zone consolidates the R-22 and OR-22 zones as of March 11, 2004.

C. R-30: Higher-Density Residential District. The R-30 zoning district is designed to accommodate multi-dwelling structures at densities up to 30 units per acre, a minimum lot size of 1,500 square feet per unit. Professional office uses are permitted under certain circumstances. Some retail, civic and institutional uses are allowed conditionally. This zone consolidates the R-30 and OR-30 zones as of March 11, 2004.

D. R-35: Higher-Density Residential District. The R-35 zoning district is designed to accommodate multi-dwelling structures at densities up to 30 units per acre a minimum lot size of 1,200 square feet per unit. Professional office uses are permitted under certain provisions. Some retail, civic and institutional uses are allowed conditionally. (Ord. M-4034 § 11, 2012; Ord. M-3922 § 21, 2009; Ord. M-3730 § 11, 2005; Ord. M-3663 § 14, 2004; Ord. M-3643, 2004)

E. R-50: Higher-Density Residential District. The R-50 zoning district is designed to accommodate multi-dwelling structures at densities up to 50 units per acre. Professional office uses are permitted under certain provisions. Some retail, civic and institutional uses are allowed conditionally.

**20.420.025 Higher Density Residential Zone Function and Location Criteria.**

A. *R-18 (Higher Density Residential) Zone Location Criteria.* The R-18 designation is most appropriate in areas with the following characteristics and relationships to the surrounding area:

1. Areas occupied by a substantial amount of multifamily development, but where factors such as narrow streets, on-street parking congestion, local traffic congestion, lack of alleys and irregular street patterns restrict local access and circulation and make a lower intensity of development desirable.

2. Areas where properties are well-suited to multifamily development, but where adjacent single-family developments or public open space make a transitional scale of development (height and bulk) desirable. There should be a well-defined edge such as an arterial, open space, change in block pattern, topographic change or other significant feature that provides physical separation from the single-family area. (This is not a necessary condition where existing moderate scale multifamily structures have already established the scale relationship with abutting single-family areas).

3. Properties must have access from collector or arterial streets, such that vehicular travel to and from the site is not required to use local access streets through lower density residential zones.

B. *R-22 (Higher Density Residential) Zone Location Criteria.* The R-22 designation is most appropriate in areas with the following characteristics and relationships to the surrounding area:

1. Areas already developed predominantly to the permitted R-22 density and where R-22 scale is well established.

2. Areas with close proximity and pedestrian connections to neighborhood services, public open spaces, schools and other residential amenities.

3. Properties that are adjacent to existing business and commercial areas with comparable height and bulk, or where a transition in scale between areas of larger multifamily and/or commercial structures and smaller multifamily development is desirable.

4. Areas well served by public transit and having direct access to arterials, such that vehicular traffic is not required to that pass through lower density residential zones; street widths must be sufficient to allow for two (2) way traffic and on-street parking in accordance with City street standards.

5. Areas with significant topographic breaks, major arterials or open space that provide a separation and transition to Lower Density Residential areas.

C. *R-30 (Higher Density Residential) Zone Location Criteria.* The R-30 designation is most appropriate in areas with the following characteristics and relationships to the surrounding area:

1. Areas that are already developed predominantly to the permitted R-30 density, or areas that are within an urban center, or identified in an adopted sub-area plan as appropriate for higher density multifamily housing.



2. Properties in close proximity to major employment centers, open space and recreational facilities.
3. Areas with well-defined edges such as an arterial, open space, change in block pattern, topographic change or other significant feature providing sufficient separation from adjacent areas of small scale residential development, or areas should be separated by other zones providing a transition in the height, scale and density of development.
4. Areas that are served by major arterials, where transit service is good to excellent, and where street capacity could absorb the traffic generated by higher density development.
5. Principal streets in the area shall be sufficient to allow for two (2) way traffic and parking on both sides of the street. Vehicular access to the area shall not require use of streets passing through lower density residential zones.
6. Areas of sufficient size to promote a high quality, higher density residential environment with close proximity (and good pedestrian connections) to public open spaces, neighborhood oriented commercial services, and other residential amenities.

D. *R-35 (Higher Density Residential) Zone Location Criteria.* The R-35 designation is most appropriate in areas generally characterized by the following development characteristics of the area and relationship to the surrounding area:

1. Areas that are developed predominantly to the intensity permitted by the R-35 zone, or areas located within an urban center, or defined in a subarea plan adopted by the City as appropriate for higher density multi-family housing.
2. Areas of sufficient size to promote a high quality, higher density residential environment with close proximity (and good pedestrian connections) to public open spaces, neighborhood oriented commercial services, other residential amenities, major employment centers, open space and recreational facilities.
3. Properties adjacent to business and commercial areas with comparable height and bulk.
4. Properties in areas along arterials where topographic changes either provide an edge or permit a transition in scale with surroundings.
5. Areas that are served by major arterials and where transit service is good to excellent and street capacity could absorb the traffic generated by high density development. (Ord. M-3730 § 12, 2005)

E. *R-50 (Higher Density Residential) Zone Location Criteria.* The R-50 designation is most appropriate in areas generally characterized by the following development characteristics of the area and relationship to the surrounding area:

1. Areas that are located within an urban center, defined in a subarea plan, or other location generally appropriate for higher density multi-family housing.

2. Areas of sufficient size to promote a high quality, higher density residential environment with close proximity (and good pedestrian connections) to public open spaces, neighborhood oriented commercial services, other residential amenities, major employment centers, open space and recreational facilities.

3. Properties near business and commercial areas that are or can be developed with compatible height and bulk.

4. Properties in areas along arterials where topographic changes either provide an edge or permit a transition in scale with surroundings.

5. Areas that are served by major arterials and where transit service is good to excellent and street capacity could accommodate the traffic generated by high density development.

**20.420.030 Uses.**

A. *Types of uses.* For the purposes of this chapter, there are four kinds of use:

1. A permitted (P) use is one that is permitted outright, subject to all of the applicable provisions of this title.

2. A limited (L) use is permitted outright providing it is in compliance with special requirements, exceptions or restrictions.

3. A conditional use (C) is a discretionary use reviewed through the process set forth in Chapters [20.245](#) and [20.210](#) VMC, governing conditional uses and decision-making procedures, respectively.

4. A prohibited use (X) is one that is not permitted in a zoning district under any circumstances.

B. *Use table.* A list of permitted, limited, conditional, and prohibited uses in Higher

Density residential zones is presented in Table 20.420.030-1.

| <p><b>Table 20.420.030-1</b></p> <p><b>Higher Density Districts Use Table</b></p> |                            |                            |                            |                   |                          |
|-----------------------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|-------------------|--------------------------|
| <b>USE</b>                                                                        | <b>R-18</b>                | <b>R-22</b>                | <b>R-30</b>                | <b>R-35</b>       | <b>R-50</b>              |
| <b>RESIDENTIAL</b>                                                                |                            |                            |                            |                   |                          |
| Household Living                                                                  | P                          | P                          | P                          | P                 | <u>P</u>                 |
| Group Living                                                                      | P                          | P                          | P                          | P                 | <u>P</u>                 |
| Home Occupation                                                                   | L <sup>3</sup>             | L <sup>3</sup>             | L <sup>3</sup>             | L <sup>3</sup>    | <u>L<sup>3</sup></u>     |
| <b>HOUSING TYPES</b>                                                              |                            |                            |                            |                   |                          |
| Single Dwelling Units, Attached                                                   | p <sup>4</sup> , <u>25</u> | p <sup>4</sup> , <u>25</u> | p <sup>4</sup> , <u>25</u> | X                 | <u>X</u>                 |
| Single Dwelling Units, Detached                                                   | p <sup>4</sup> , <u>25</u> | p <sup>4</sup> , <u>25</u> | p <sup>4</sup> , <u>25</u> | X <sup>5</sup>    | <u>X<sup>5</sup></u>     |
| Accessory Dwelling Units                                                          | p <sup>1</sup>             | p <sup>1</sup>             | p <sup>1</sup>             | p <sup>1</sup>    | <u>p<sup>1</sup>, 24</u> |
| Duplexes                                                                          | p <sup>4</sup>             | p <sup>4</sup>             | p <sup>4</sup>             | p <sup>4</sup>    | <u>p<sup>4</sup></u>     |
| Multi-Dwelling Units                                                              | p <sup>4</sup>             | p <sup>4</sup>             | p <sup>4</sup>             | p <sup>4</sup>    | <u>p<sup>4</sup></u>     |
| Manufactured Home Developments                                                    | L <sup>7</sup>             | L <sup>7</sup> /X          | L <sup>7</sup> /X          | L <sup>7</sup> /X | <u>L<sup>7</sup>/X</u>   |
| Designated Manufactured Home                                                      | L/X <sup>23</sup>          | X                          | X                          | X                 | <u>X</u>                 |
| New Manufactured Home                                                             | L <sup>23</sup>            | X                          | X                          | X                 | <u>X</u>                 |
| <b>CIVIC (Institutional)</b>                                                      |                            |                            |                            |                   |                          |
| Basic Utilities                                                                   | C                          | C                          | C                          | C                 | <u>C</u>                 |
| Colleges                                                                          | C                          | C                          | C                          | C                 | <u>C</u>                 |
| Community Centers                                                                 | C                          | C                          | C                          | C                 | <u>C</u>                 |
| Community Recreation                                                              | C <sup>8</sup>             | C <sup>8</sup>             | C <sup>8</sup>             | C <sup>8</sup>    | <u>C<sup>8</sup></u>     |
| Cultural Institutions                                                             | P/C <sup>9</sup>           | P/C <sup>9</sup>           | P/C <sup>9</sup>           | P                 | <u>P</u>                 |
| <b>Day Care</b>                                                                   |                            |                            |                            |                   |                          |

| Table 20.420.030-1<br>Higher Density Districts Use Table |                    |                    |                    |                    |                         |
|----------------------------------------------------------|--------------------|--------------------|--------------------|--------------------|-------------------------|
| USE                                                      | R-18               | R-22               | R-30               | R-35               | <b>R-50</b>             |
| <b>Day Care</b>                                          |                    |                    |                    |                    |                         |
| - Family Day Care Home                                   | P/C <sup>10</sup>  | P/C <sup>10</sup>  | P/C <sup>10</sup>  | P/C <sup>10</sup>  | <u>P/C<sup>10</sup></u> |
| - Child Care Center                                      | L/C <sup>14</sup>  | L/C <sup>14</sup>  | L/C <sup>14</sup>  | L/C <sup>14</sup>  | <u>L/C<sup>14</sup></u> |
| - Adult Day Care                                         | P/C <sup>11</sup>  | P/C <sup>11</sup>  | P/C <sup>11</sup>  | P/C <sup>11</sup>  | <u>P/C<sup>11</sup></u> |
| Emergency Services (except ambulance services)           | C <sup>12</sup>    | C <sup>12</sup>    | C <sup>12</sup>    | C <sup>12</sup>    | <u>C<sup>12</sup></u>   |
| Medical Centers                                          | C                  | C                  | C                  | C                  | <u>C</u>                |
| <b>Parks/Open Space</b>                                  |                    |                    |                    |                    |                         |
| - Neighborhood Parks                                     | P                  | P                  | P                  | P                  | <u>P</u>                |
| - Community Parks                                        | P                  | P                  | P                  | P                  | <u>P</u>                |
| - Regional Parks                                         | C                  | P                  | P                  | P                  | <u>P</u>                |
| - Trails                                                 | P                  | P                  | P                  | P                  | <u>P</u>                |
| Postal Service                                           | C                  | C                  | C                  | C                  | <u>C</u>                |
| Religious Institutions                                   | L/C <sup>14</sup>  | L/C <sup>14</sup>  | L/C <sup>14</sup>  | L/C <sup>14</sup>  | <u>L/C<sup>14</sup></u> |
| Schools                                                  | L/C <sup>14</sup>  | L/C <sup>14</sup>  | L/C <sup>14</sup>  | L/C <sup>14</sup>  | <u>L/C<sup>14</sup></u> |
| Social/Fraternal Clubs                                   | C <sup>6</sup>     | C <sup>6</sup>     | C <sup>6</sup>     | C <sup>6</sup>     | <u>C<sup>6</sup></u>    |
| Transportation Facility                                  | P/C <sup>15</sup>  | P/C <sup>15</sup>  | P/C <sup>15</sup>  | P/C <sup>15</sup>  | <u>P/C<sup>15</sup></u> |
| <b>COMMERCIAL</b>                                        |                    |                    |                    |                    |                         |
| Commercial and Transient Lodging                         | L/X <sup>16</sup>  | L/X <sup>16</sup>  | L/X <sup>16</sup>  | L/X <sup>16</sup>  | <u>L/X<sup>16</sup></u> |
| Eating/Drinking Establishments                           | L <sup>17</sup> /X | L <sup>17</sup> /X | L <sup>17</sup> /X | L <sup>17</sup> /X | <u>L<sup>17</sup>/X</u> |
| <b>Entertainment-Oriented</b>                            |                    |                    |                    |                    |                         |
| - Adult Entertainment                                    | X                  | X                  | X                  | X                  | <u>X</u>                |
| - Indoor Entertainment                                   | X                  | X                  | X                  | X                  | <u>X</u>                |
| - Major Event Entertainment                              | X                  | X                  | X                  | X                  | <u>X</u>                |
| <b>General Retail</b>                                    |                    |                    |                    |                    |                         |
| - Sales-Oriented                                         | L <sup>17</sup> /X | L <sup>17</sup> /X | L <sup>17</sup> /X | L <sup>17</sup> /X | <u>L<sup>17</sup>/X</u> |
| - Personal Services                                      | L <sup>17</sup> /X | L <sup>17</sup> /X | L <sup>17</sup> /X | L <sup>17</sup> /X | <u>L<sup>17</sup>/X</u> |
| - Repair-Oriented                                        | X                  | X                  | X                  | X                  | <u>X</u>                |
| - Bulk Sales                                             | X                  | X                  | X                  | X                  | <u>X</u>                |
| - Outdoor Sales                                          | X                  | X                  | X                  | X                  | <u>X</u>                |
| <b>Motor Vehicle Related</b>                             |                    |                    |                    |                    |                         |
| - Motor Vehicle Sales/Rental                             | X                  | X                  | X                  | X                  | <u>X</u>                |
| - Motor Vehicle Servicing/Repair                         | X                  | X                  | X                  | X                  | <u>X</u>                |

|                                               |                     |                     |                     |                     |                     |
|-----------------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| - Vehicle Fuel Sales                          | X                   | X                   | X                   | X                   | X                   |
| - EV Basic Charging Stations (accessory only) | P                   | P                   | P                   | P                   | P                   |
| - EV Rapid Charging Stations (accessory only) | P                   | P                   | P                   | P                   | P                   |
| - EV Battery Exchange Stations                | X                   | X                   | X                   | X                   | X                   |
| <b>Office</b>                                 |                     |                     |                     |                     |                     |
| - General                                     | L <sup>17</sup> /X  | L <sup>17</sup> /X  | L <sup>17</sup> /X  | L <sup>17</sup> /X  | L <sup>17</sup> /X  |
| - Medical                                     | L <sup>17</sup> /X  | L <sup>17</sup> /X  | L <sup>17</sup> /X  | L <sup>17</sup> /X  | L <sup>17</sup> /X  |
| - Extended                                    | X                   | X                   | X                   | X                   | X                   |
| Self-Service Storage                          | X                   | X                   | X                   | X                   | X                   |
| Non-Accessory Parking                         | X                   | X                   | X                   | X                   | X                   |
| <b>INDUSTRIAL</b>                             |                     |                     |                     |                     |                     |
| Industrial Services                           | X                   | X                   | X                   | X                   | X                   |
| Manufacturing and Production                  | X                   | X                   | X                   | X                   | X                   |
| Railroad Yards                                | X                   | X                   | X                   | X                   | X                   |
| Research and Development                      | X                   | X                   | X                   | X                   | X                   |
| Warehouse/Freight Movement                    | X                   | X                   | X                   | X                   | X                   |
| Wholesale Sales                               | X                   | X                   | X                   | X                   | X                   |
| Waste-Related                                 | X                   | X                   | X                   | X                   | X                   |
| Major Utility Facilities                      | X                   | X                   | X                   | X                   | X                   |
| <b>OTHER</b>                                  |                     |                     |                     |                     |                     |
| Agriculture/Horticulture                      | P                   | P                   | P                   | P                   | P                   |
| Airport/Airpark                               | X                   | X                   | X                   | X                   | X                   |
| Animal Kennel/Shelters                        | X                   | X                   | X                   | X                   | X                   |
| Cemeteries                                    | C <sup>18</sup>     | C <sup>18</sup>     | C <sup>18</sup>     | C <sup>18</sup>     | C <sup>18</sup>     |
| Detention & Post Detention Facilities         | X                   | X                   | X                   | X                   | X                   |
| Dog Day Care                                  | C <sup>19</sup>     | C <sup>19</sup>     | C <sup>19</sup>     | C <sup>19</sup>     | C <sup>19</sup>     |
| Heliports                                     | X <sup>20</sup>     | X <sup>20</sup>     | X <sup>20</sup>     | X <sup>20</sup>     | X <sup>20</sup>     |
| Recreational or Medical Marijuana Facilities  | X                   | X                   | X                   | X                   | X                   |
| Medical Marijuana Cooperatives                | X                   | X                   | X                   | X                   | X                   |
| Mining                                        | X                   | X                   | X                   | X                   | X                   |
| Rail Lines/Utility Corridors                  | C                   | C                   | C                   | C                   | C                   |
| Basic Utilities                               | P                   | P                   | P                   | P                   | P                   |
| Temporary Uses                                | L <sup>21</sup>     | L <sup>21</sup>     | L <sup>21</sup>     | L <sup>21</sup>     | L <sup>21</sup>     |
| Wireless Communication Facilities             | L/C/X <sup>22</sup> | L/C/X <sup>22</sup> | L/C/X <sup>22</sup> | L/C/X <sup>22</sup> | L/C/X <sup>22</sup> |

- 1** Subject to the provisions of Chapter [20.810](#) VMC, Accessory Dwelling Units.
- 2** The language for this footnote has been deleted.
- 3** Subject to the provisions of Chapter [20.860](#) VMC, Home Occupations.
- 4** Provided the minimum required residential density is met, on an overall project basis.
- 5** Single-family dwelling units legally established prior to March 11, 2004, shall be considered permitted uses.
- 6** Subject to the provisions of VMC [20.895.040](#), Community Recreation and Related Facilities.
- 7** Subject to the provisions of Chapter [20.880](#) VMC, Manufactured Home Parks. Manufactured Home Developments established prior to July 1, 2005 are exempt from the standards of VMC [20.420.050\(G\)](#), Criteria for Placement of Manufactured Homes, and may continue to exist and expand within existing previously-approved boundaries. An existing manufactured home in a development or subdivision may be replaced or may be relocated either to an approved manufactured home development or an approved manufactured home subdivision. Manufactured Home Developments in the R-22, R-30, R-35 zones are allowed as a Limited Use (L) only as part of a Chapter [20.260](#) VMC Planned Development that meets overall minimum density standards for the applicable zone.
- 8** Subject to the additional provisions in VMC [20.895.040](#).
- 9** Libraries permitted only; all other cultural institutions are conditional uses.
- 10** Family day care homes for no more than 12 children are permitted when licensed by the state. Child care centers are permitted as conditional uses, subject to the provisions of Chapter [20.840](#) VMC, Child Care Centers, unless part of a Planned Development, in which case they are approved subject to Chapter [20.260](#) VMC. All child care facilities must be licensed by the state.
- 11** Adult day care facilities with 12 or fewer clients are permitted outright; larger facilities are permitted as conditional uses.
- 12** The language for this footnote has been deleted.
- 13** Community, regional parks and trails that meet all of the development standards in VMC [20.420.050\(E\)\(1\),\(2\)](#) and (3), respectively, are permitted by as limited uses; all others require a Conditional Use approval.
- 14** Schools, child care centers, and religious institutions that meet all of the locational criteria contained in VMC [20.420.050\(F\)](#) are permitted by right; all others require conditional use approval. Child care centers permitted by right shall be consistent with

Chapter [20.840](#) VMC, Child Care Homes and Centers, and be subject to Type II review pursuant to VMC [20.210.050](#).

**15** Except bus, trolley and street car stops, including bus shelters, which are allowed by right.

**16** Bed-and-breakfast establishments as limited uses subject to provisions of Chapter [20.830](#) VMC, Bed and Breakfast Establishments; all other commercial and transient lodging prohibited.

**17** New commercial uses allowed as limited uses subject to special development restrictions in VMC [20.420.060](#). Existing commercial uses permitted if legally established prior to code effective date. However, alterations and expansions shall be subject to Chapter [20.245](#) VMC (Conditional Use Permits).

**18** Subject to the provisions in VMC [20.895.030](#).

**19** Subject to the provisions of Chapter [20.850](#) VMC, Dog Day Care.

**20** Except as an accessory to a medical center.

**21** Subject to provisions of Chapter [20.885](#) VMC, except sale of fireworks prohibited in residential zones.

**22** Subject to the provisions of Chapter [20.890](#) VMC, Wireless Communication Facilities.

**23** A "designated manufactured home" is exempt from the development standards of VMC [20.420.050\(G\)](#) and may continue to exist and expand. An existing unit may be replaced or may be relocated either to an approved manufactured home development or an approved manufactured home subdivision. After July 1, 2005, only "new manufactured homes" that also meet the "designated manufactured home" criteria will be permitted on individual lots not part of an existing approved manufacturing home development or manufactured home subdivision. Except that a new manufactured home placed on an individual lot after July 1, 2005, may be relocated as permitted by this title if within five years of the date of the original placement.

**24 Permitted only as existing non-conforming uses.**

**25. Subject to provisions in VMC 20.410 applying to the R-17 zoning district**

(Ord. M-4255 § 7, 2018; Ord. M-4254 § 3(CC), 2018; Ord. M-4223 § 4, 2017; Ord. M-4187 § 6, 2016; Ord. M-4105 § 3, 2014; Ord. M-4071 § 8, 2014; Ord. M-4066 § 5, 2013; Ord. M-4035 § 3, 2012; Ord. M-4024 § 7, 2012; Ord. M-4002 § 6, 2011; Ord. M-3959 § 25, 2010; Ord. M-3931 § 12, 2009; Ord. M-3840 § 20, 2007; Ord. M-3730 § 13, 2005; Ord. M-3709 § 7, 2005; Ord. M-3701 § 15, 2005; Ord. M-3663 § 15, 2004; Ord. M-3643, 2004)

#### **20.420.040 Minimum and Maximum Densities.**

A. *Purpose.* The purpose of this section is to establish minimum and maximum densities in each residential zoning district. To ensure the quality and density of development envisioned, the maximum density establishes the ceiling for development in each zoning district based on a units per acre standard. To ensure that property develops at or near the density envisioned for the zone, the minimum density for each zoning district is set as just above the maximum density of the next less intense zone.

B. *Minimum and maximum densities.* The minimum and maximum densities for the Higher Density Residential Districts are contained in Table 20.420.040-1.

**Table 20.420.040-1. Minimum and Maximum Densities**

| <b>Zoning District</b> | <b>Minimum and Maximum Net Density</b> |
|------------------------|----------------------------------------|
| R-18                   | 12 – 18 units per acre                 |
| R-22                   | 18.1 – 22 units per acre               |
| R-30                   | 22.1 – 30 units per acre               |
| R-35                   | 30.1 – 35 units per acre               |
| <u>R-50</u>            | <u>35.1 – 50 units per acre</u>        |

C. *Exceptions.* The following exceptions are permitted to the density provisions for the higher density residential zoning districts contained in Table 20.420.040-1 above:

1. Minimum lot size/ and maximum density calculations:

a. Lots developed before March 11, 2004, are exempt from the requirements for minimum density. However, if a site is completely redeveloped, the new development must comply with the minimum density requirements contained in Table 20.420.040-1 above.

b. When the maximum density contains a fraction of a unit, the applicant must round to the nearest whole unit. For calculations of X.1 – X.4, this means rounding down to the next whole unit; for calculations of X.5 – X.9, this means rounding up to the next whole unit.



2. Minimum density:

a. When the minimum density contains a fraction of a unit, the applicant must round to the nearest whole unit. For calculations of X.1 – X.4, this means rounding down to the next whole unit; for calculations of X.5 – X.9, this means rounding up to the next whole unit.

b. On sites that contain critical or sensitive areas, all or a portion of those areas may be deducted from the net building area before the minimum and maximum densities are calculated at the discretion of the development applicant.

3. *Planned Developments*. See VMC Chapter [20.260.060](#) (Development Standards – Item 4) for additional exceptions to lot size requirements. (Ord. M-3931 § 13, 2009; Ord. M-3840 § 21, 2007; Ord. M-3730 § 14, 2005; Ord. M-3701 § 15, 2005; Ord. M-3643, 2004)

**4. Affordable Housing Density Bonus**

a. Housing projects devoted entirely to housing affordable to households earning 80% or less of Area Median Income (AMI) and providing guarantee acceptable to the Planning Official that such units will remain affordable at this level for 50 years may increase the maximum net density requirement of the underlying zone by the following amounts.

ii. Up to 50% in the R-2, R-4, R-6, R-9, and R-17 zones.

ii. Up to 100% in the R-18, R-22, R-30, and R-50 zones.

b. These density increases may not be used to exceed underlying zoning district requirements for permitted structure or use types, building heights, or other development regulations.

**20.420.050 Development Standards.**

A. *Compliance Required*. All developments must comply with:

1. All of the applicable development standards contained in the underlying zoning district, except where the applicant has obtained variances in accordance with Chapter [20.270](#) VMC Site Plan Review.

2. All other applicable standards and requirements contained in this title.

B. *Development standards*. Development standards in residential zoning districts are contained in Table 20.420.050-1. These apply to all primary dwellings and accessory buildings on the site. For additional regulations governing accessory buildings, see Chapter [20.902](#) VMC.

| <p><b>Table 20.420.050-1</b></p> <p><b>Development Standards</b></p>        |                       |                       |                       |                       |                     |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------|
| <b>Standard</b>                                                             | <b>R-18</b>           | <b>R-22</b>           | <b>R-30</b>           | <b>R-35</b>           | <b>R-50</b>         |
| Minimum Lot Size                                                            | 1,800 sf <sup>1</sup> | 1,500 sf <sup>1</sup> | 1,500 sf <sup>1</sup> | 1,200 sf <sup>1</sup> | 800 sf <sup>1</sup> |
| Maximum Lot Coverage                                                        | 50%                   | 50%                   | <del>50</del> 55%     | <del>50</del> 60%     | 70%                 |
| Minimum Lot Width                                                           | 20'                   | 20'                   | 20'                   | 20'                   | 20'                 |
| Minimum Lot Depth                                                           | 50'                   | 50'                   | 60'                   | 60'                   | 60'                 |
| Minimum Setbacks                                                            |                       |                       |                       |                       |                     |
| Front yard                                                                  | 10'                   | 10'                   | 10'                   | 10'                   | 10'                 |
| Rear and Through lot yard                                                   | 0' <sup>2</sup> /5'   | 0' <sup>2</sup> /5'   | 0' <sup>2</sup> /5'   | 0' <sup>2</sup> /5'   | 0' <sup>2</sup> /5' |
| Side yard                                                                   | 0' <sup>2</sup> /5'   | 0' <sup>2</sup> /5'   | 0' <sup>2</sup> /5'   | 0' <sup>2</sup> /5'   | 0' <sup>2</sup> /5' |
| Street side yard                                                            | 10'                   | 10'                   | 10'                   | 10'                   | 5'                  |
| Garage/carport from public/private street right-of-way or sidewalk easement | 18'                   | 18'                   | 18'                   | 18'                   | 18'                 |
| Garage/carport from alley                                                   | 5' <sup>4</sup>       | 5' <sup>4</sup>       | 5' <sup>4</sup>       | 5' <sup>4</sup>       | 5' <sup>4</sup>     |
| Maximum Height                                                              | 50'                   | 50'                   | 50'                   | 60'                   | 70'                 |
| Minimum Landscaping Requirement<br>(percentage of total net area)           | 10%                   | 10%                   | 10%                   | 10%                   | 10%                 |

**1** Provided the required residential density is met on an overall project basis.

**2** See requirements for zero lot line developments pursuant to Section [20.910.050](#) VMC.

**3** This footnote has been deleted.

**4** There must be a minimum of 20' maneuvering space from entrance edge of garage/carport to approved edge of alley

C. *Institutional development standards.* Institutional uses such as colleges, schools and religious institutions that locate within higher density residential districts shall comply with the following development standards:

1. For portions of an institutional campus abutting residentially-zoned property (not separated by a street):
  - a. Minimum setback: 35 feet.
  - b. Maximum height: 35 feet at the setback increasing one foot for every one foot of additional setback to a maximum of 90 feet.
  - c. Minimum landscaped buffering between the institutional use and residential development: 15 feet.
2. The development standards in Subsection (1) above do not apply to existing buildings.
3. All other development standards on the institutional campus are the same as those in the underlying base zone except as;
  - a. Modified through a Variance procedure per the requirements of Chapter [20.290](#) VMC; or
  - b. Established as part of a Public Facilities Master Plan procedure per the requirements of Chapter [20.268](#) VMC.

D. *Pedestrian development standards.* The following additional development standards apply for multi-family projects with more than two buildings on a site.

1. Each building in the complex shall have at least one direct pedestrian connection to the street even when separated from the street by an off-street parking lot. This pedestrian access shall be the most direct route between the building's main entrance and the street. Whenever possible, the main pedestrian connection shall not cross a parking lot or driveway.
2. There shall be pedestrian connections among residential buildings and from each residential building to indoor and outdoor communal facilities, e.g., recreation room, swimming pool, and parking lots, carports or garages.
3. The following design standards shall apply to this pedestrian circulation system:
  - a. The circulation system must be hard-surfaced and at least 5' wide.
  - b. Where the system crosses driveways, parking areas or loading areas, the system must be clearly identifiable through the use of striping, elevation changes, speed bumps, different paving material or other similar method.

c. Where the pedestrian connection is parallel and adjacent to a parking lot or driveway, the system must be a raised path or be separated from the auto travel lane by a curb, bollards, landscaping or other physical barrier. If the connection also provides access to a parking lot, at least one access ramp from the connection to the parking lot must be provided that meets ADA standards for accessibility for the disabled.

d. The on-site circulation system must be lighted to a level sufficient for use by residents and their visitors after dark. Such lighting shall be directed in such a manner to prevent glare into nearby residential units.

E. Criteria for Parks/Open Space as limited uses.(Reserved for future use)

F. *Criteria for institutions as limited uses.* As noted in Table 20.420.030-1 above, schools, child care centers, and religious institutions are allowed as limited uses in Higher Density residential districts if they meet all of the criteria described below. An institution that does not comply with all of these criteria must be reviewed as a Conditional Use, except for school modular classrooms, which shall be permitted outright.

1. The site contains no more than 12 acres for an elementary school, not to exceed 75,000 gsf.

2. The site contains no more than two acres for a religious institution, not to exceed 30,000 gsf.

3. The site contains no more than one acre for a child care center, not to exceed 10,000 gsf.

4. The site takes its primary access from a street with no less than a minor arterial designation.

5. If a religious institution also has a private elementary school, the total development shall not exceed 60,000 gsf and seven acres.

G. *Criteria for Placement of Manufactured Homes.*

1. General Provisions:

a. Manufactured homes are permitted on individual lots in the R-18 residential zones in accordance with the placement standards as set forth in this section and other provisions which apply to conventionally built dwellings.

b. Nothing in these provisions shall be interpreted as superseding deed, covenants, or restrictions which are generally not enforced by the city.

c. Existing manufactured home developments and manufactured home subdivisions are permitted and are not subject to the provisions of this chapter. An existing manufactured home in a manufactured home development or subdivision may

continue to lawfully exist and be replaced or can be relocated either to an approved manufactured home development or an approved manufactured home subdivision.

d. Except that a manufactured home placed on an individual lot subsequent to the adoption of this ordinance, may be relocated as permitted by this title if within (5) five years of the date of the original placement.

## 2. Manufactured Home Placement Standards:

All manufactured homes placed within the City of Vancouver shall comply with the following standards:

a. Manufactured homes must meet the development standards of the base zone unless otherwise noted.

b. The manufactured home must meet the definition of a “new manufactured home” unless otherwise noted. A new manufactured home means any manufactured home required to be titled under Title [46](#) RCW, which was not titled to retail purchaser before July 1, 2005, and was not a “used mobile home” as defined in RCW [82.45.032](#).

c. The manufactured home must meet the requirements of a “designated manufactured home”. Provided that manufactured homes built to [42](#) USC Section 5401-5403 standards (as amended in 2000) must be regulated in the same manner as site built homes.

d. The manufactured home must meet the following requirements.

1. Is comprised of at least two fully enclosed parallel sections each of not less than twelve feet wide by thirty-six feet long;

2. Was originally constructed with and now has a composition or wood shake or shingle, coated metal, or similar roof of not less than 3:12 pitch;

3. Has exterior siding similar in appearance to siding materials commonly used on conventional site -built building code single-family residences;

e. The manufactured home must comply with all local design standards applicable to all other homes within the neighborhood in which the manufactured home is to be located.

f. The manufactured home be set on permanent foundation, as specified by the manufacturer, and that the space from the bottom of the home to the ground be enclosed by concrete or an approved concrete product which can be either load bearing or decorative.

g. The manufactured home must be thermally equivalent to the state energy code.

## 3. Review and Inspection:

- a. City will review building permit applications and will issue appropriate zoning and building permits and conduct the installation inspection.
- b. The Department of Labor and Industries responsible for inspections including replacement, addition, modification, or removal of any equipment or installation and issuing permits under RCW Chapter [43.22](#).

#### H. Additional Development Standards for Single Family Homes

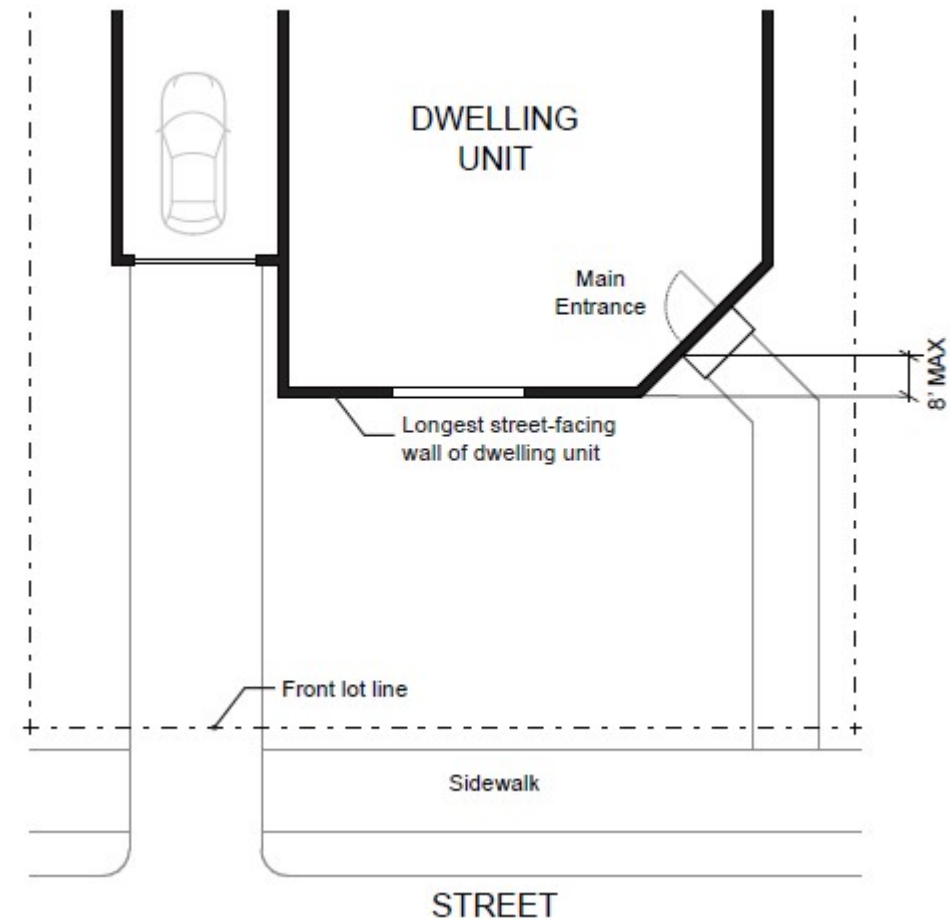
1. Additional standards for single family home development within the R-18, R-22 and R-30 Zoning Districts. The following standards are in addition to the requirements in Table 20.420.050-1.

a. Garages. The width of the garage door facing the street may be up to 50 percent of the width of the street-facing building façade or 10' in length, whichever is greater. Garage limitations do not apply to residential development accessed through rear alleys, or where the garage is located in the rear of the lot.

b. Main Entrances. Main entrances shall be visible from the street and must:

1. Have a porch or entry

2. Face the street or be oriented at an angle of not more than 45 degrees from the street-facing façade. Corner lot homes may face either street.



c. Front Façade Variety. Duplicative front facades of detached single-family structures facing the same street are prohibited. Sufficient differences can be achieved through at least three of the following design features:

1. Varied or staggered front setbacks, with variations of at least five feet.
2. Different building heights, with the two heights varying by at least five feet.
3. Varied rooflines such as hipped or pitched roofs.
4. Different window opening locations and designs
5. Different garage location, configuration, and design

d. Alleys. Where alleys are present, all garages and on-site parking shall be accessible from the alley. In R-17 zones, single-family residential developments shall utilize rear alley-loading as follows:

i. Alleys shall be required for developments on sites of four acres or larger where the proposed average new lot size is less than 3,000 square feet unless the application demonstrates and the Planning Official agrees that alleys are unfeasible due to significant site constraints such as

significant variations in topography, irregular site shape, or presence of natural resource constraints

ii. Alleys are encouraged in all other cases

e. Compliance with Narrow Lot Development Standards. Developments within the R-17 zoning district shall be subject to [VMC 20.927, Narrow Lot Development Standards](#), with the exception of VMC 20.927.040.A.5.d garage width standards.

f. Location and configuration of driveways. Driveways shall be located to preserve space for on-street parking by meeting one of the following requirements.

i. For housing units or developments on corner lots, off-street parking areas shall be accessed on the back façade or located in the rear yard. No off-street parking shall be allowed in the front yard or side yard.

ii. Driveways providing access to the front façade must be consolidated for adjacent dwellings.

iii. Consolidated driveways shall be tapered (i.e., narrower where they connect to the street and wider at the back to the driveway) to minimize the width of curb cuts and to enhance pedestrian safety.

iv. Individual driveways must be separated by at least 20' as measured from the edge of the driveway apron.

g. Solid Waste Provisions. The development application shall include a plan for access for solid waste and recycling collection service, indicating common or individual unit collection points with demonstrated access and turning space for solid waste vehicles

(Ord. M-4066 § 5, 2013; Ord. M-3931 § 14, 2009; Ord. M-3730 § 15, 2005; Ord. M-3709 § 8, 2005; Ord. M-3701 § 16, 2005; Ord. M-3663 § 16, 2004; Ord. M-3643, 2004)



c. The following portions of Vancouver Municipal Code 20.945 are amended as follows:

### **20.945.070 Minimum Off-Street Parking Requirements.**

*A. Parking requirements for unlisted uses.*

1. The planning official may rule that a use not specifically listed in Table 20.945.070-2 below is a use similar to a listed use and that the same parking standards shall apply. If the applicant requests that the planning official's decision be rendered in writing, it shall constitute an interpretation, as governed by Chapter [20.255](#) VMC; and
2. The planning official shall maintain a list of approved unlisted use parking requirements that have the same effect as an amendment to this chapter.

*B. Choice of parking requirements.* When a building or use is planned or constructed in such a manner that a choice of parking requirements could be made, the use which requires the greater number of parking spaces shall govern.

*C. Measurements.* The following measurements shall be used in calculating the total minimum number of vehicle parking spaces required in this chapter:

1. *Fractions.* Fractional space requirements of up to 0.5 shall be rounded down to the next whole number and 0.5 or greater rounded up to the next whole number.
2. *Employees.* Where employees are specified for the purpose of determining the minimum vehicle parking spaces required, the employees counted are those who work on the premises during the largest shift at the peak season.
3. *Students.* When students are specified for the purpose of determining the minimum vehicle parking spaces required, the students counted are those who are on the campus during the peak period of the day during a typical school term.
4. *Space.* Unless otherwise noted, where gross square feet (gsf) are specified, the area measured shall be gross floor area under the roof measured from the faces of the structure, excluding only space devoted to covered off-street parking or loading.

*D. Exclusions to minimum vehicle parking requirements.* The following shall not be counted towards the computation of the minimum parking spaces as required in Table 20.945.070-2 below:

1. *On-street parking.* Parking spaces in the public street or alley shall not be eligible as fulfilling any part of the parking requirement except as provided elsewhere in this title;

2. *Fleet parking.* Required vehicle parking spaces may not be used for storage of fleet vehicles, except when a use can show that employee and fleet parking spaces are used interchangeably, (e.g., the employee drives the fleet vehicle from home, or the spaces are used for fleet storage only at night and are available for employee use during the day). For the purposes of this title, space exclusively devoted to the storage of fleet vehicles will be considered as outdoor storage.

E. *Reductions in minimum required vehicle parking.*

1. The planning official may reduce the minimum off-street vehicle parking spaces required in Table 20.945.070-2 by up to 10 percent in new nonresidential developments by means of a Type I procedure, when an applicant for a development permit can demonstrate in a parking study prepared by a traffic consultant or in parking data from comparable sites that:

- a. The requested reduction in parking will not have an adverse impact on uses in the immediate vicinity.
- b. Use of transit, demand management programs, and/or special characteristics of the customer, client, employee or resident population will reduce expected vehicle use and parking space demand for this development, as compared with Institute of Transportation Engineers (ITE) vehicle trip generation rates and minimum city parking requirements.
- c. The city shall not be responsible for providing parking for a development should a reduction in required parking under this section result in a deficit in parking that is not desirable to the owner of the property or use.

2. The planning official may reduce the minimum off-street vehicle parking spaces required in Table 20.945.070-2 up to 20 percent if the required conditions detailed in VMC [20.945.070\(E\)\(1\)](#) and [\(2\)](#) are met. Reductions in parking minimums shall be cumulative and inclusive of reductions allowed under any provision of VMC Title [20](#).

- a. For every five bicycle parking spaces provided which meet bicycle parking design standards or for each bicycle locker (two-bicycle capacity), the minimum motor vehicle parking requirement may be reduced by one space up to seven percent of total required vehicle parking spaces. Mixed-use developments using this provision shall provide bicycle parking indoors.
- b. Sites where at least 20 parking spaces are required and where at least one street lot line abuts a designated arterial roadway, transit supportive plazas may be substituted for up to five percent of required vehicle parking.

1. The plaza must be adjacent to the arterial street. If there is a bus stop along the site's frontage, the plaza must be adjacent to the bus stop.

2. The plaza must be at least 300 square feet in area and be shaped so that a 10-foot-by-10-foot square will fit entirely within the plaza.

3. The plaza must be open to the public, contain a bench or other sitting area, contain a shelter or other weather protection covering at least 20 square feet, and shall have at least 10 percent and no more than 25 percent landscaping.

c. *Building Orientation/Site Design Incentive.* Developments which incorporate all of the following building orientation/site design characteristics into the site plan shall be eligible for a five percent reduction in required on-site parking.

1. *Build to the Sidewalk.* Buildings located as close as possible to the public street and sidewalk, preferably at the minimum required setback. Primary entrance shall be oriented toward the street.

2. *Provide public spaces.* Commercial development should provide spaces for civic interaction. To make these more accessible and accommodating to the public, pedestrian plazas, street furniture and landscaped open spaces should be incorporated as site amenities.

3. *Build to the corner.* Buildings on corner lots should be located on the street corner with building frontage on both streets with primary entrances oriented toward the intersection. If no buildings are located at street corners, pedestrian plazas and amenities should provide a focus for the area. Intersection vision clearance standards shall apply.

4. *Pad Development.* Pad development should be located at the corners of a development or at the intersection created by the site driveway with the public street. The location and site design of pad development should integrate seamlessly with the on-site pedestrian circulation plan and all off-site pedestrian, bicycle and transit facilities.

3. A request to reduce the required minimum parking more than 20 percent is subject to a Type II Variance procedure.

F. *Parking in City Center (CX) Zone.* The following minimum requirements shall apply, in accordance with VMC [20.630.050](#) (Parking Control), in all areas zoned City Center District (CX):

---

**Table 20.945.070-1**

**CX District Parking Space Requirements**

| Land Use                                                         | Parking Requirements                                                                                                        |
|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <u>Multi-Family Housing, market rate and low-income</u>          | <u>0.75 space/dwelling unit</u>                                                                                             |
| <u>Senior Housing, and Housing for Persons with Disabilities</u> | <u>0 spaces for residential units</u><br><u>0.75 space per employee<sup>1</sup> plus one visitor space per 10 residents</u> |
| <u>All Other</u> Residential Uses                                | 1 space/dwelling unit                                                                                                       |
| Transient lodging                                                | 1 space/living unit                                                                                                         |
| Congregate care facilities <u>for non-senior residents</u>       | 1 space/two (2) living units                                                                                                |
| All other uses                                                   | 1 space/1,000 sq. ft. of floor area                                                                                         |

1. The number of employees based on maximum number of employees present at any given time (i.e., during the largest shift of employees

G. *Parking in Transit Overlay District.* Developments located within the Transit Overlay District may be subject to special parking standards contained in Chapter [20.550](#) VMC.

H. *Application of Parking Requirements.*

1. Notwithstanding any other requirement of this chapter, no parking shall be required for any commercial use located in an existing structure which abuts Main Street between Fifth Street and McLoughlin Boulevard, up to and including the first two floors above street level, and any basement levels. The requirements for uses in all floors of three stories or above shall be the same as that in all other areas in the City Center District (CX).

2. In addition, notwithstanding any other requirements of this chapter, requirements for off-street parking shall not apply within the Community Commercial District (CC) extending from McLoughlin Boulevard to Fourth Plain Boulevard in the event of a change in commercial occupancy of a building or of a remodeling of a commercial structure if the original floor area is not exceeded by 25 percent. This provision does not apply to conversion of residential occupancy to commercial occupancy. The requirements for off-street parking for the Community (CC) Commercial District within this area shall be based on the City Center (CX) District Parking Requirements of Table 20.945.070-1 and shall only be for the total area of additions in excess of 25 percent of the floor area in existence on July 19, 2010.

3. Commercial uses in the CN, Neighborhood Commercial District may count available on-street parking spaces which are immediately adjacent to the development toward the minimum on-site parking requirement.

4. Parking stalls used for Electric Vehicle Basic Charging Stations and Rapid Charging Stations shall be counted toward the minimum number of required parking stalls in a development.

I. *Use of Public Parking.* The requirements for off-street parking can be satisfied by execution of a long-term lease for a segment of equivalent parking in an existing public or private parking facility. Lease fees in public facilities would be at market rates as established and adjusted by the Vancouver city council after considering the advice of the parking advisory committee. Continued leasing of such space shall be required, and failure to provide the required parking shall be cause for revocation of the occupancy permit for the structure involved.

J. *Specific requirements for minimum parking.* Parking shall be provided for uses as per Table 20.945.070-2 below.

| Use                                                                        | Minimum                                                                                                                            |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Table 20.945.070-2. Minimum Off-Street Vehicle Parking Requirements</b> |                                                                                                                                    |
| <b>RESIDENTIAL</b>                                                         |                                                                                                                                    |
| Household Living                                                           | See Housing Types below                                                                                                            |
| Group Living                                                               | 1 space/7 residents served under age 12<br>1 space per resident served ages 12 – 17<br>1 space per resident served age 18 or older |
| Transitional Housing                                                       | 1:3 beds                                                                                                                           |
| Home Occupation                                                            | None                                                                                                                               |
| <b>HOUSING TYPES</b>                                                       |                                                                                                                                    |
| Single Dwelling, Attached                                                  | 1.0/DU <sup>1</sup>                                                                                                                |

| Use | Minimum |
|-----|---------|
|-----|---------|

**Table 20.945.070-2. Minimum Off-Street Vehicle Parking Requirements**

|                                                                               |                                                                                                                                                      |
|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                               |                                                                                                                                                      |
| Single Dwelling, Detached                                                     | 1.0/DU                                                                                                                                               |
| Accessory Dwelling Units                                                      | None                                                                                                                                                 |
| Duplexes                                                                      | 1.0/DU                                                                                                                                               |
| <u>Market rate Multi-Family Dwelling Units</u>                                | <u>1.5 0.75/DU if located within 1/4 mile of frequent transit line,<sup>6</sup> 1.0/DU if located ¼ mile or further from a frequent transit line</u> |
| <u>Housing for low income households earning under 60% median area income</u> | <u>0.75/DU</u>                                                                                                                                       |
| Manufactured Home Subdivisions                                                | 1.0/DU                                                                                                                                               |
| Manufactured Home Parks                                                       | 1.0/DU                                                                                                                                               |
| <u>Senior Housing facilities and Housing for People with Disabilities</u>     | <u>0 spaces for residential units</u><br><u>0.75 space per employee<sup>7</sup> plus one visitor space per 10 residents</u>                          |
| <b>CIVIC (Institutional)</b>                                                  |                                                                                                                                                      |
| Basic Utilities                                                               | None                                                                                                                                                 |
| Community Centers                                                             | Per Approved Parking Study                                                                                                                           |
| Community Recreation                                                          | Per Approved Parking Study                                                                                                                           |
| Cultural Institutions                                                         | 1:400 sq. ft.                                                                                                                                        |
| Day Care                                                                      |                                                                                                                                                      |
| - Child Care                                                                  | Family Day Care Home: none<br>Institutional: 1.0/employee + 1.0/12                                                                                   |

| Use | Minimum |
|-----|---------|
|-----|---------|

**Table 20.945.070-2. Minimum Off-Street Vehicle Parking Requirements**

|                         |                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         |                                                                                                                                                      |
|                         | children served                                                                                                                                      |
| - Adult Day Care        | Family Day Care Home: none<br>Institutional: 1.0/employee + 1.0/12 clients served                                                                    |
| - Dog Day Care          | 1.0/employee +<br>1.0/12 animals served                                                                                                              |
| Emergency Services      | 1:300                                                                                                                                                |
| Medical Centers         | 1.0/4 beds (hospital, residential care center); 1.0/2 beds for patients or residents (convalescent hospital, nursing home, congregate care facility) |
| Parks/Open Space        |                                                                                                                                                      |
| - Neighborhood Parks    | Parks Department to Determine                                                                                                                        |
| - Community Parks       |                                                                                                                                                      |
| - Regional Parks        |                                                                                                                                                      |
| - Trails                |                                                                                                                                                      |
| Postal Service          | 1:300                                                                                                                                                |
| Religious Institutions  | 1.0/6 seats or 12' of bench in main assembly area                                                                                                    |
| Social/Fraternal Clubs  | 1/100                                                                                                                                                |
| Transportation Facility | None                                                                                                                                                 |
| Schools                 |                                                                                                                                                      |

| Use | Minimum |
|-----|---------|
|-----|---------|

**Table 20.945.070-2. Minimum Off-Street Vehicle Parking Requirements**

|                                                                                                                                                                                        |                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| - Preschool                                                                                                                                                                            | 2/ classroom                                                                                                                     |
| - Elementary and Middle                                                                                                                                                                | 1 space/4 seats or 8 feet of bench length in auditorium or assembly room, whichever is greater                                   |
| - High School                                                                                                                                                                          | 1 space/employee, plus 1 space/each 6 students, or 1 space/4seats or 8 feet of bench length in auditorium, whichever is greater. |
| - College★<br>*Classrooms = 30 students.<br>Lecture halls require additional parking of 12 spaces per 30 seats. Additional parking may be required as determined by planning official. | 1 space/3 seats in classrooms                                                                                                    |
| <b>COMMERCIAL</b>                                                                                                                                                                      |                                                                                                                                  |
| Commercial and Transient Lodging                                                                                                                                                       | 1.0/lodging unit                                                                                                                 |
| Eating/Drinking Establishments                                                                                                                                                         | 1/250                                                                                                                            |
| Entertainment-Oriented                                                                                                                                                                 |                                                                                                                                  |
| - Adult Entertainment                                                                                                                                                                  | Refer to specific use, i.e., theater, book or video store                                                                        |
| Indoor Entertainment                                                                                                                                                                   |                                                                                                                                  |
| - Movie/Live Performance Theaters                                                                                                                                                      | 1.0/6 seats or 12' of bench                                                                                                      |
| - Skating Rinks/Arcades                                                                                                                                                                | 1.0/150                                                                                                                          |
| - Bowling Alleys                                                                                                                                                                       | 5 spaces per lane                                                                                                                |

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| Use | Minimum |
|-----|---------|
|-----|---------|

**Table 20.945.070-2. Minimum Off-Street Vehicle Parking Requirements**

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| - Shooting Ranges            | 1 space per lane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| - Major Event Entertainment  | 1.0/6 seats or 12' bench                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| General Retail               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| - Sales-Oriented             | 1/300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| - Personal Services          | 1/400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| - Repair-Oriented            | 1/400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| - Bulk Sales                 | <p>(a) Properties with less than 10,000 square feet of open sales or rental area shall provide 1 space for each 1,000 square feet of gross floor area, plus one space for each 2,500 sq. ft. of open sales or rental area.</p> <p>(b) Properties with 10,000 square feet or more of open sales or rental area shall provide 1 space for each 1,000 square feet of gross floor area, plus 4 spaces, plus one 1 space for each 10,000 square feet of open sales or rental area in excess of 10,000 sq. ft.</p> |
| - Outdoor Sales              | Same as Bulk Sales                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Animal Kennel/Shelters       | 1/600 plus 1 per employee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Motor Vehicle Related        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| - Motor Vehicle Sales/Rental | <p>(a) Properties with less than 10,000 square feet of open sales or rental area shall provide 1 space for each 1,000 square feet of gross floor area, plus one</p>                                                                                                                                                                                                                                                                                                                                          |

| Use | Minimum |
|-----|---------|
|-----|---------|

**Table 20.945.070-2. Minimum Off-Street Vehicle Parking Requirements**

|                                    |                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                    | <p>space for each 2,500 sq. ft of open sales or rental area.</p> <p>(b) Properties with 10,000 square feet or more of open sales or rental area shall provide 1 space for each 1,000 square feet of gross floor area, plus 4 spaces, plus one 1 space for each 10,000 square feet of open sales or rental area in excess of 10,000 sq. ft.</p> |
| - Motor Vehicle Servicing/Repair   | 1/500                                                                                                                                                                                                                                                                                                                                          |
| - Vehicle Fuel Sales               | No less than 2                                                                                                                                                                                                                                                                                                                                 |
| - Elec. Vehicle Recharging Station | None                                                                                                                                                                                                                                                                                                                                           |
| Office                             |                                                                                                                                                                                                                                                                                                                                                |
| - General                          | 1/400                                                                                                                                                                                                                                                                                                                                          |
| - Medical                          | 1/200                                                                                                                                                                                                                                                                                                                                          |
| - Extended                         | 1/300                                                                                                                                                                                                                                                                                                                                          |
| Non-Accessory Parking              | NA                                                                                                                                                                                                                                                                                                                                             |
| Self-Service Storage               | Based on area of office                                                                                                                                                                                                                                                                                                                        |
| Marina                             |                                                                                                                                                                                                                                                                                                                                                |
| <b>INDUSTRIAL</b>                  |                                                                                                                                                                                                                                                                                                                                                |
| Industrial Services                | 1/600                                                                                                                                                                                                                                                                                                                                          |
| Manufacturing and Production       | 1/800                                                                                                                                                                                                                                                                                                                                          |
| Railroad Yards                     | None                                                                                                                                                                                                                                                                                                                                           |

| Use | Minimum |
|-----|---------|
|-----|---------|

**Table 20.945.070-2. Minimum Off-Street Vehicle Parking Requirements**

|                                   |                                                                      |
|-----------------------------------|----------------------------------------------------------------------|
|                                   |                                                                      |
| Research and Development          | 1/600                                                                |
| Warehouse/Freight Movement        | 1/2000                                                               |
| Wholesale Sales                   | 1/1250                                                               |
| Waste-Related                     | 1 space per 200 sq ft. of office space,<br>plus 1 space per employee |
| <b>OTHER</b>                      |                                                                      |
| Agriculture/Horticulture          | None                                                                 |
| Airport/Airpark                   | None                                                                 |
| Cemeteries                        | 1.0/6 seats or 12' of bench in chapels                               |
| Detention Facilities              | 1.0/3 beds                                                           |
| Heliports                         | None                                                                 |
| Mining                            | 1 per employee maximum shift                                         |
| Rail Lines/Utility Corridors      | None                                                                 |
| Temporary Uses                    | None                                                                 |
| Wireless Communication Facilities | One                                                                  |

**1** DU=Dwelling Unit

**2** Does not include outpatient clinics or medical offices; see Medical/Dental Offices.

**3** Gasoline stations offering other retail goods for sale, in enclosed spaces accessible by the customer, shall also comply with the parking requirements for convenience stores. Gasoline stations providing vehicle repair or maintenance services shall also comply with the parking requirements for vehicle repair or service facilities.

**4** Senior multi-family housing projects shall provide on-site parking at a minimum rate of one space per dwelling unit.

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6 Frequent transit service means a bus rapid transit or other high capacity transit corridor, or transit corridors with existing weekday peak service frequencies of 35 minutes or less, as indicated in the C-Tran 2018-2033 Transit Development Plan.

7. The number of employees based on maximum number of employees present at any given time (i.e., during the largest shift of employees).

- d. A new Section of Vancouver Municipal Code, 20.950 is added as follows:

## **CHAPTER 20.950 COTTAGE CLUSTER HOUSING**

### **20.950.010 Purpose.**

These standards are intended to allow groups of small-scale cottages around common areas in single or multi-family zoning districts in a manner promoting accessible housing and community interaction. The individual homes are smaller and shorter than what is allowed in the underlying zoning district, but they may be built at a higher density.

### **20.950.020 Applicability.**

- A. Permitted zones and required minimum project size. Cottage Cluster housing developments shall be allowed on properties 20,000 square feet or larger in size, in the R-17, R-9, R-6, R-4 and R-2 zoning districts.
- B. Permitted Uses. Cottage Cluster development uses shall be limited to attached and detached single family homes and associated outbuildings, public or private open space, and parking areas. Duplexes or attached single family homes may constitute no more than 20% of the total number of units. Home Occupations pursuant to [VMC 20.860](#) shall be permitted only if there are no employees residing off-site. Accessory dwelling units pursuant to [VMC 20.810](#) shall be permitted only if located entirely within the single family homes.
- C. The narrow lot development standards in [VMC 20.927](#) and R-17 zoning district standards of [VMC 20.410](#) shall not apply to cottage housing developments.

### **20.950.030 Site Development and Design Standards**

- A. General Standards.
  - 1. Cottage housing developments may be allowed at up to two hundred percent (200%) of the maximum density of the underlying zone, including any accessory dwelling units.
  - 2. Cottage housing developments shall contain a minimum of four (4) and a maximum of twelve (12) units in a cluster; provided, that a cottage development may contain up to two (2) clusters.
  - 3. Each single- family cottage shall not exceed 1,600 square feet in total floor area, and each duplex cottage 3,000 square feet. Floor areas of attached or detached garages and outbuildings shall count towards these size limits, with the exception of the first 200 hundred square feet of garage or outbuilding per single family cottage, or 400 square feet per duplex.
  - 4. Building heights may not exceed 25 feet within 50 feet of the project site perimeter, and 30 feet elsewhere in the site. Roofs higher than 18 feet shall be pitched at a ratio of at least 6:12.
  - 5. Covered porches shall be at least 60 square feet, with no dimension less than 5 feet
  - 6. Buildings shall be set back at least 10 feet from the nearest public or private road, and at least five feet from other buildings. Building setbacks to exterior property lines shall be that of the underlying zoning district.

- B. Cottage Orientation. Cottages must be clustered around a common courtyard and must meet the following standards.
1. At least 75% of the cottage units shall be located within 25 feet of a common courtyard, and shall have covered porches and main entries which face the common courtyard.
  2. The Planning Official may at their discretion grant exceptions as needed to allow cottages abutting a public street at the site perimeter to face the street, and as needed in cases of very narrow or unusually configured project parcels may reduce the required percentage of lots located within 25 feet of the common courtyard to 50%.
- C. Common Courtyard Design Standards. Each cottage cluster must share a common courtyard in order to provide a sense of openness and community of residents. Common courtyards must meet the following standards.
1. The common courtyard must contain a minimum of 200 square feet of usable open or congregating space per cottage units within the associated cluster.
  2. The common courtyard must be generally square or round, and no narrower than 15 feet wide at its narrowest dimension.
  3. The common courtyard shall be developed with a mix of landscaping, lawn area, pedestrian paths, and/or paved courtyard area, and may also include recreational amenities. Impervious elements of the common courtyard shall not exceed 50 percent of the total common courtyard area.
  4. Pedestrian paths must be included in a common courtyard. Parking areas, required setbacks, and driveways do not qualify as part of a common courtyard.
- D. Required Parking and Parking Design
1. Required spaces. Each dwelling unit shall include at least one parking space within the project area. On street parking spaces abutting the project area may be counted towards this requirement.
  2. Common Parking Areas. Parking may be located adjacent to an individual unit or in a common parking area. Common parking areas are subject to the following standards.
    - a. Cottage cluster projects with fewer than 12 cottages are permitted parking clusters of not more than 5 contiguous spaces.
    - b. Cottage cluster projects with 12 cottages or more are permitted parking clusters of not more than 8 contiguous spaces.
    - c. Parking clusters must be separated from other spaces by at least 4 feet of landscaping.
    - d. Clustered parking areas may be covered.
  3. Parking location, access and screening.
    - a. Off-street parking areas with 5 or more spaces shall not be located within 20 feet from any property line that abuts a street other than an alley;
    - b. No off-street parking space or vehicle maneuvering area is permitted between a property line that abuts a street (other than an alley) and the front façade of cottages located closest to that property line.
    - c. No off-street parking space is permitted within 10 feet of any other property line external to the cottage cluster, except property lines abutting an alley. Driveways and drive aisles are permitted within 10 feet of other external property lines.

- d. Sight-obscuring landscaping, fencing, or walls at least three feet in height shall separate clustered parking areas and parking structures from common courtyards and property lines external to the cottage cluster.

E. Pedestrian Access.

1. A pedestrian path must be provided that connects the main entrance of each cottage to the following:
  - a. The common courtyard;
  - b. Shared parking or solid waste storage areas;
  - c. Community buildings; and
  - d. Sidewalks in public rights-of-way abutting the site or rights-of-way if there are no sidewalks.
2. The pedestrian path must be hard-surfaced and a minimum of 3 feet wide.

F. Community Buildings. Cottage cluster projects may include community buildings for the shared use of residents that provide space for accessory uses such as community meeting rooms, guest housing, exercise rooms, day care, community eating areas, community gardens, or picnic shelters. Community buildings must meet the following standards.

1. Each cottage cluster is permitted one community building.
2. The community building shall have a maximum floor area of 1,200 sf.

G. Maintenance of Common Areas. The development application shall include a plan for ongoing maintenance of shared or common areas, including a mechanism for ensuring that the maintenance plan will be implemented.

H. Solid Waste Provisions. The development application shall include a plan for access for solid waste and recycling collection service, indicating common or individual unit collection points with demonstrated access and turning space for solid waste vehicles

20.950.040 Approval Process.

Cottage Cluster housing projects shall be reviewed under [VMC 20.320](#), subdivision, where individual lots are proposed to be owned separately, or as a Type II review subject to [VMC 20.270](#), Site Plan Review, where common ownership of lots is proposed.

e. **Portions of Vancouver Municipal Code Section 20.925, Landscaping, are amended as follows:**

**20.925.030 General Provisions.**

A. *Landscaping requirements.* Landscaping shall be provided and maintained per Table 20.925.030-1 and 20.925.030-2 of this section.

**Table 20.925.030-1. Minimum Landscaping and Buffer Setback Standards**

| Zoning of Proposed Development (Buffer width is the setback for the commercial and industrial zoning districts)                                            |                                     |                                        |                           |                                         |                           |                                       |                           |                                 |                           |                                 |                                                      |                                 |                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------|---------------------------|-----------------------------------------|---------------------------|---------------------------------------|---------------------------|---------------------------------|---------------------------|---------------------------------|------------------------------------------------------|---------------------------------|------------------------------------------------------|
| Required street trees and parking area landscaping do not count towards these requirements except as allowed by the street tree and parking code sections. |                                     | Lower Density Residential <sup>1</sup> |                           | Higher Density Residential <sup>1</sup> |                           | Commercial and Mixed Use <sup>1</sup> |                           | Industrial <sup>1</sup>         |                           |                                 |                                                      |                                 |                                                      |
|                                                                                                                                                            |                                     | R-2, R-4, R-6, R-9, R-17               |                           | R-18, R-22, R-30, R-35, R-50            |                           | CN, CC, CG, HX and MX only            |                           | OCI                             |                           | IL A                            |                                                      | IH                              |                                                      |
| Zoning Of Land Abutting Development Site                                                                                                                   |                                     | Separated from site by a street        | Not separated by a street | Separated from site by a street         | Not separated by a street | Separated from site by a street       | Not separated by a street | Separated from site by a street | Not separated by a street | Separated from site by a street | Not separated by a street                            | Separated from site by a street | Not separated by a street                            |
| Lower Density Residential                                                                                                                                  | R-2, R-4, R-6, R-9, R-17            | None                                   | None                      | L2 10-ft                                | L3 5-ft <sup>4</sup>      | L2 10-ft                              | L4 10-ft                  | L2 10-ft                        | L4 10-ft                  | L3 20-ft                        | L4 in 40-ft <sup>5</sup><br>L5 in 50-ft <sup>5</sup> | L3 20-ft                        | L4 in 40-ft <sup>5</sup><br>L5 in 50-ft <sup>5</sup> |
| Higher Density Residential                                                                                                                                 | R-18, R-22, R-30, R-35, R-50        | None                                   | L3 5-ft <sup>4</sup>      | L1 10-ft                                | L1 5-ft                   | L2 10-ft                              | L4 10-ft                  | L2 5-ft                         | L2 5-ft                   | L3 20-ft                        | L4 in 40-ft <sup>5</sup><br>L5 in 50-ft <sup>5</sup> | L3 20-ft                        | L4 in 40-ft <sup>5</sup><br>L5 in 50-ft <sup>5</sup> |
| Commercial and Mixed Use                                                                                                                                   | CN, CC, CG, MX                      | L1 10-ft                               | L3 5-ft <sup>4</sup>      | L2 10-ft                                | L3 5-ft                   | L2 10-ft                              | L1 <sup>2</sup> 0-5 ft    | L2 5-ft                         | L1 <sup>2</sup> 0-5 ft    | L2 10-ft                        | L3 5-ft                                              | L2 10-ft                        | L3 10-ft                                             |
| Industrial                                                                                                                                                 | OCI                                 | L1 10-ft                               | L3 5-ft                   | L1 10-ft                                | L3 5-ft                   | L2 10-ft                              | L1 <sup>2</sup> 0-5 ft    | L2 5-ft                         | L1 <sup>2</sup> 0-5 ft    | L2 10-ft                        | L3 5-ft                                              | L2 10-ft                        | L3 10-ft                                             |
|                                                                                                                                                            | IL, A,                              | L1 10-ft                               | L3 5-ft                   | L2 10-ft                                | L3 5-ft                   | L2 10-ft                              | L2 5-ft                   | L2 5-ft                         | L1 <sup>2</sup> 0-5 ft    | L2 10-ft                        | L1 5-ft                                              | L2 10-ft                        | L3 10-ft                                             |
|                                                                                                                                                            | IH                                  | L1 10-ft                               | L3 5-ft                   | L2 10-ft                                | L3 5-ft                   | L2 5-ft                               | L3 5-ft                   | L2 5-ft                         | L3 5-ft                   | L2 10-ft                        | L3 10-ft                                             | L2 10-ft                        | L1 <sup>2</sup> 0-5 ft                               |
| Resource (County)                                                                                                                                          | FR-80, FR-40, AG-20, AG-WL, Park/WL | L1 10-ft                               | L3 50-ft                  | L2 10-ft                                | L3 50-ft                  | L2 10-ft                              | L2 5 ft                   | L2 5-ft                         | L3 10-ft                  | L2 10-ft                        | L1 5-ft                                              | L2 10-ft                        | L3 10-ft                                             |

**1** Zero lot line developments shall comply with the standards and requirements of VMC [20.910.050](#).

**2** If building is to be built on the property line there is no required buffer for that portion of the site.

**3** Applies to multi-family site plan applications and the perimeter of land divisions not to individual single-family lot developments.

**4** In case of conflict with yard, setback, landscape, screening, or buffer standards specified in other sections of Title [20](#), the stricter standard shall apply, except for plan districts where the district standards shall always apply even if less strict than the standards of this table.



5 Buffer widths abutting parking areas that are landscaped in accordance with the requirements of VMC [20.945.040\(l\)](#) can be reduced to 25 feet.

6 Where a directly abutting site not separated by a street is currently developed with a single-story residential structure, the minimum setback is five (5) feet plus one (1) additional foot for each three (3) feet of proposed building height above 35 feet, up to a maximum setback of 15 feet. The additional setback for buildings above 35 feet in height applies only to the portions of those buildings above 35 feet.

**Table 20.925.030-2. Landscaping and Screening Design Standards<sup>1</sup>**

| Type | Name                     | Description                                                                                                                                                                                                                                             | Minimum Shrubs Based on Buffer Depth                                                                           | Minimum Trees                                                                                               | Wall or Berm or Fence Required – Standards                             |
|------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| L1   | General (for open areas) | Used where distance is primary means of separating uses or development, and landscaping enhances area between them                                                                                                                                      | a. 10 ft or less = None<br>b. Over 10 ft = 2 high or 3 low shrubs per 400 sq. ft. landscaped area              | a. One tree per 30 lineal ft<br>b. One tree per 800 sq. ft.                                                 | None                                                                   |
| L2   | Low Screen               | Distance and low-level screening intended to separate uses or development. Applied where low level screening sufficiently reduces the impact of a use or development, or where visibility between areas is more important than a greater visual screen. | Continuous screen 3 ft high, 95% opaque year-round. 3+ gallon containers or equivalent with spread 18+ inches. | One tree per 30 lineal ft of landscaped area or as needed to provide a tree canopy over the landscaped area | 3 ft high masonry wall or F2 fence or a berm may substitute for shrubs |
| L3   | High Screen              | Physical and                                                                                                                                                                                                                                            | Enough shrubs to                                                                                               |                                                                                                             | 6 ft F1 or F2 high                                                     |

| Type | Name                            | Description                                                                                                                                                                                  | Minimum Shrubs Based on Buffer Depth                                                                               | Minimum Trees | Wall or Berm or Fence Required – Standards                                                                                   |
|------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------|
|      |                                 | visual separation between uses or development principally using screening. Used where full separation is warranted by impacts of proposed development, notwithstanding loss of direct views. | form a 6-ft high buffer screen 95% opaque year-round; 5+ gallon containers or equivalent with spread of 30+ inches |               | wall or fence with or without berm may substitute for shrubs                                                                 |
| L4   | High Wall                       | Used where extensive screening of visual and noise impacts is needed to protect abutting sensitive uses and/or there is little space for separation between uses.                            | Four high shrubs required per 30 lineal ft of wall                                                                 |               | 6 ft F2 high wall required                                                                                                   |
| L5   | High Berm                       | Used instead of L4 where extensive screening is warranted and more space is available for separation between uses.                                                                           | L2 low shrubs on top of berm so total screen height = 6 ft                                                         |               | 4 – 6 ft high berm required. If under 6 ft high, plant L2 low shrubs on top of berm so overall screen height is 6 ft.        |
| F1   | Partially Sight-Obscuring Fence | Partial visual separation applied where a proposed use or development has little impact, or where visibility between areas is more important                                                 |                                                                                                                    |               | 6 ft high – at least 50% sight-obscuring – wood, metal, chain link with slats, bricks, masonry or other permanent materials. |

| Type | Name                        | Description                                                                                                                               | Minimum Shrubs Based on Buffer Depth | Minimum Trees | Wall or Berm or Fence Required – Standards                                                                                                                       |
|------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                             | than a total visual screen.                                                                                                               |                                      |               |                                                                                                                                                                  |
| F2   | Fully Sight-Obscuring Fence | Full visual separation where complete screening is needed to protect abutting uses, and landscaping alone cannot provide that separation. |                                      |               | 6 ft. high – 100% sight-obscuring – made of wood, metal, bricks, masonry or other permanent materials – no chain link fences with slats or similar construction. |

**1 Additional Requirements:**

L1, L2, L3, L4, L5 – Groundcover plants, grass lawn or approved flowers must fully cover the landscaped area not in shrubs or trees.

L2, L3 – When applied along street lot lines, the screen or wall is to be placed along the interior side of the landscaped area.

L4 – When abutting another property, the wall shall abut the property line. When abutting a street or road right-of-way, the wall shall be on the interior side of the landscaped area.

L1 – Within the commercial districts where a building is to be placed at the buffer line for a front setback, concrete or brick pavers may be used in place of the required groundcover for the length of the building for the front setback only; provided, the required trees are still supplied, the paved area is connected to the public sidewalk, and pedestrian amenities are provided such as benches or pedestrian plazas. Building need not be placed at the required buffer line to utilize this section if the area between the buffer line and the building is devoted entirely to pedestrian only areas.

L1, L2, L3, L4, L5 – Groundcover plants to be placed not more than thirty (30) inches on center and thirty (30) inches between rows. Rows of plants shall be staggered for a more effective covering. Groundcover shall be supplied in a minimum four (4) inch size container or a two and one-quarter (2 1/4) inch container or equivalent if planted eighteen (18) inches on center.

**20.925.070 Buffering, Screening and Open Storage.**

Buffering and screening of parking, solid waste containers, and open storage shall be required as follows:

A. *Parking lots.* All parking, loading and maneuvering areas including driveways and drive-through lanes shall be screened from view per the standards of [20.945.040\(I\)\(2\)](#) VMC.

B. *Screening of service facilities.* Except for one-family and two-family dwellings, any solid waste container or recycling or disposal area and ground-level service facilities such as gas meters and air conditioners which would be visible from a public street, parking area, or any residentially-zoned property shall be screened from view per the standards of [20.970](#) VMC by placement of a solid wood fence, evergreen hedge or masonry wall. All refuse materials shall be contained within the screened area.

C. *Open Storage.* Open storage, or storage not wholly within an enclosed building shall be required to meet the following requirements of Table 20.945.070-1

| <b>Table 20.925.070-1<br/>Open Storage Standards</b> |                                                                                                            |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>District</b>                                      | <b>Open Storage Requirement</b>                                                                            |
| R-2, R-4, R-6, R-9, R-17                             | Not allowed                                                                                                |
| R-18, R-22, R-30, R-35, R-50                         | Storage no higher than 5', screened by site-obscuring fence or evergreen hedge 6' in height                |
| City Center District (CX)                            | Storage no higher than 5', screened on all sides by a site-obscuring fence or evergreen hedge 6' in height |
| OCI                                                  | Not allowed                                                                                                |
| All other Commercial Districts                       | Same as for R-18, R-22, R-30, R-35                                                                         |
| IL, IH                                               | Open storage facing a street shall be screened                                                             |
| Open Space Districts                                 | Not allowed except for agricultural implements                                                             |

(Ord. M-3643, 01/26/2004)

f. A new Vancouver Municipal Code Section 20.815 is added as follows:

### **20.815 Micro Housing Units**

#### **20.815.010 Purpose**

These standards are intended to allow smaller unit size apartments with shared kitchen and/or bathroom facilities in multifamily zoning districts.

#### **20.815.020 Applicability**

- A. Use Classification. Micro housing units included under the residential use type of Household Living.
- B. Zoning. Micro housing units are allowed by right in R-18, R-22, R-30, R-35, R-50 or as part of a mixed-use development in the CC, CG and CH zones

#### **20.815.030 Required Provisions**

- A. Kitchen Facilities. One or more of the following options shall be provided to ensure residents have access to facilities for cooking, refrigeration, and washing utensils:
  - 1. A community kitchen facility on each floor available for shared use by the residents of that floor; or
  - 2. Individual kitchens for the private use of the residents of the unit; or a combination of private and community kitchen facilities.
- B. Maximum Number of Bedrooms. Each living unit may have up to one bedroom that is separate from the remainder of living facilities within the unit.
- C. Unit Size. Units shall be between 120 and 400 square feet in size.
- D. Unit Density. Micro housing project densities shall be as allowed by underlying zoning designations
- E. Bathrooms. A unit is not required to but may contain partial or full bathroom facilities. A partial bathroom facility means includes a toilet and sink; a full facility includes a toilet, sink, and bathtub or shower, or bathtub/shower combination. If a full bathroom facility is not provided in each room, common bathroom facilities must be provided that meet the standards of the Building Code for congregate residences with at least one full bathroom per floor.
- F. Parking. Micro housing units require one parking space per two dwelling units.

**g. Vancouver Municipal Code Section 20.810, Accessory Dwelling Units, is amended as follows:**

**20.810.010 Purpose**

Purpose. The purpose of these code provisions for accessory dwelling units (ADUs) is to: (1) provide homeowners with flexibility in establishing separate living quarters within or adjacent to their homes for the purpose of caring for seniors, providing housing for their children or obtaining rental income; (2) increase the range of housing choices and the supply of accessible and affordable housing units within the community; and (3) ensure that the development of accessory dwelling units does not cause unanticipated impacts on the character or stability of single-family neighborhoods. (Ord. M-4209 § 2, 08/07/2017; Ord. M-3643, 01/26/2004)

**20.810.020 Definition.**

Accessory Dwelling Unit (ADU). One or more rooms with private bath and kitchen facilities comprising an independent, self-contained dwelling unit within or attached to a single-family dwelling or in a detached building on the same lot as the primary dwelling unit. An ADU is distinguishable from a duplex in that, unlike a duplex, it is clearly subordinate to the primary dwelling unit, both in use and appearance. (Ord. M-4209 § 2, 08/07/2017- Effective 09/06/2017; Ord. M-3931 § 25, 11/02/2009; Ord. M-3643, 01/26/2004).

**20.810.030 Applicability.**

A. *Accessory dwelling unit applicability.* ADUs shall be allowed as limited uses in all residential zoning districts (R-2, R-4, R-6, R-9, R-17, R-18, R-22, R-30, R-35, and R-50) if in compliance with all of the development standards contained in Section 20.810.030 VMC below. ADUs shall not be allowed within nonresidential zoning districts or in the following circumstances:

1. On properties not containing a detached single-family dwelling
2. On properties containing activities requiring a home occupation permit pursuant to VMC 20.860.

B. *Approval process.* A proposed ADU shall be reviewed by means of a Type I procedure, pursuant to Section 20.210.040 VMC, subject to the development standards contained in

Section 20.810.040 VMC below. An ADU use is not subject to Site Plan Review. (Ord. M-4209, Added, 08/07/2017, Sec 2)

#### **20.810.040      Development Standards.**

Development standards for accessory dwelling units. An ADU shall comply with the following standards:

A. *Configuration.* An ADU may be located either within, attached to, or detached from the primary structure.

B. *Density.* Only one ADU may be created in conjunction with each single-family residence.

C. *Minimum lot size.* An ADU may be established on any legally established parcel meeting applicable standards of this chapter.

D. *Maximum unit size.* The gross floor area, calculated from finished wall to finished wall. ADU shall not exceed 800 square feet or 50 % of the primary single-family structure, not including garage and/or detached accessory buildings (whichever is less). ADUs created entirely within existing basements may exceed 800 square feet provided they are not larger than the size of the remainder of the overall home.

E. *Minimum unit size.* The gross floor area of an ADU shall not be less than the requirements of the Washington State Building Code.

F. *Setbacks and lot coverage.* Additions to existing structures, or the construction of new detached structures, associated with the establishment of an ADU shall not exceed the allowable lot coverage or encroach into required setbacks as prescribed in the underlying zone. The applicable setbacks shall be the same as those prescribed for the primary structure, not those prescribed for detached accessory structures.

G. *Scale and visual subordination.* New detached ADUs, or ADUs extending from existing structures shall not comprise more than 50% of total visible façade area of the primary structure and other outbuildings not including the ADU, as seen from the front of the lot. ADUs shall be subject to a maximum height of 25 feet.

H. *Parking.* No additional on-site parking is required in conjunction with the establishment of an ADU.

I. *Design and appearance.* ADUs that are separate or extending from existing structures shall be architecturally compatible with the principal dwelling.

J. *Construction standards.* The design and construction of the ADU shall conform to all applicable standards in the building, plumbing, electrical, mechanical, fire, health and any other applicable codes. (Ord. M-4209 § 2, 08/07/2017; Ord. M-3959 § 38, 07/19/2010; Ord. M-3701 § 24, 05/02/2005; Ord. M-3643, 01/26/2004)

#### **20.810.050      Submission Requirements.**

The following information shall be submitted as part of an application for review:

A. *Application.* Completed and signed application provided by the Planning Official.

B. *Fee.* Fee pursuant to VMC 20.180.

C. *Site plan.* To-scale site plan showing the exact location of the primary residence and any accessory structures, parking, landscaping and setbacks.

D. *Floor plan.* Floor plan, drawn to scale, of entire house and accessory unit within the primary residence or within free-standing accessory structure.

E. *Elevations.* Elevations drawn to scale, of the accessory unit within the primary residence or within free-standing accessory structure. (Ord. M-4209 § 2, 08/07/2017; Ord. M-3643, 01/26/2004)

#### **20.810.060      Conversion of Existing Accessory Structures.**

A. *Conversion of an existing structure.* An existing garage structure or other outbuilding may be converted to an ADU provided that the structure complies with established setback standards for a primary structure, not accessory structure, as prescribed in the underlying zone, and complies with applicable building codes, and all other standards of this section. Conversion of such garage shall not result in the elimination of the requirement of one legal on-site parking space to serve the single family residence.

B. *Conversion of existing garages located in non-conforming setbacks.* Garages constructed before January 1, 2021 that are legally nonconforming as to side or rear yard setback may be eligible to be converted or replaced at their current location, provided that:

1. All applicable ADU, building, and other standards are met



2. Conversion or replacement structure or portion of the structure located within the setback does not result in it exceeding 15 feet in height or any taller than the existing structure, whichever is greater. Conversions or replacements of garages shall not result in the elimination of the requirement of one legal on-site parking space to serve the single-family residence.

B. *Off-street parking requirements.* The off-street parking requirements for the primary residence shall be provided for elsewhere on the site in conformance with the setback, paving and other development standards described in VMC 20.945 Parking and Loading. (Ord. M-4209 § 2, 08/07/2017; Ord. M-3701 § 25, 05/02/2005; Ord. M-3663 § 20, 08/02/2004; Ord. M-3643, 01/26/2004)

**Section 4. Savings.** Those ordinances or parts of ordinances which are amended by this ordinance shall remain in full force and effect until the effective date of this ordinance.

**Section 5. Severability.** If any clause, sentence, paragraph, section, or part of this ordinance or the application thereof to any person or circumstances shall be adjudged by any court of competent jurisdiction to be invalid, such order or judgment shall be confined in its operation to the controversy in which it was rendered and shall not affect or invalidate the remainder of any parts thereof to any other person or circumstances and to this end the provisions of each clause, sentence, paragraph, section or part of this law are hereby declared to be severable.

**Section 6. Effective Date.** This ordinance shall become effective thirty (30) days after adoption.

**Section 7. Instruction to City Clerk.** The City Clerk shall transmit a copy of the revised development code to the Washington Department of Commerce.

Read First Time:

Ayes: Councilmembers

Nays: Councilmembers

ORDINANCE - 61

Absent: Council Members

Read Second Time:

PASSED BY THE FOLLOWING VOTE:

Ayes: Councilmembers

Nays: Councilmembers

Absent: Councilmembers

SIGNED this \_\_\_\_\_ day of \_\_\_\_\_, 2022

\_\_\_\_\_  
Anne McEnerny Ogle, Mayor

Attest:

\_\_\_\_\_  
Natasha Ramras, City Finance Director  
By: Carrie Lewellen, Deputy City Clerk

Approved as to form:

\_\_\_\_\_  
Jonathan Young, City Attorney

ORDINANCE - 62



## SUMMARY

### ORDINANCE NO. M\_\_\_\_\_

AN ORDINANCE relating to zoning code text changes allowing for increased options for housing types and densities citywide; amending Vancouver Municipal Code (VMC) 20.410, 20.420, 20.810, 20.927, 20,945, and adding new sections 20.815 and 20.950; providing for savings, severability and an effective date.

The full text of this ordinance will be mailed upon request. Contact Raelyn McJilton, Records Officer at 487-8711, or via [www.cityofvancouver.us](http://www.cityofvancouver.us) (Go to City Government and Public Records).

## **ATTACHMENT C: COMMENT RECEIVED BY STAFF FROM 5/16/22 TO 6/3/22**

Fircrest Neighborhood Association Statement Regarding Proposed Housing Code Updates {received from Chair Margaret Milem 5/26/22}

The Fircrest Neighborhood Association (FNA) met on May 3, 2022 via Zoom and discussed the proposed Housing Code Updates. This meeting and its agenda (including this vote) was announced through newsletters (hand delivered), Nextdoor, Facebook, the FNA email list, and a postcard mailed to every household and business in the Fircrest Neighborhood.

FNA members recognize the need for more housing options in our city. FNA members have the following concerns about proposed Housing Code Updates.

- 1) The property line barriers code allows for 6-ft high shrubs or wall between established neighborhoods and 3-story apartments. The FNA recommends 8-ft wall barriers between established neighborhoods and development over 25 ft tall (i.e., 3-story apartments). (We would also suggest that the following zones be held to L4 Landscaping and Screening Design Standards per Table 20.925.030-2: R-18, R-22, R-30, and R-35.)
- 2) The Planning Commission's vote was a 3 to 3 tie regarding a proposal to increase setbacks over 5 feet, with dissenting commissioners expressing a desire to increase housing density in the city – which they fear would not happen with increased setbacks. However, designs that place parking areas between new development and existing homes would accommodate compliance with larger setbacks while not interfering with the goal of increased housing density. This idea of using parking areas was not considered at the Planning Commission meeting. Other design features that would increase setbacks include landscaping, green spaces, walls, berms, fences. These designs create space between occupants in both residential and apartments, preserving privacy for all. Larger setbacks also mitigate shadows being cast that interfere with gardens/yards of existing homes or the use of solar panels invested in by existing homes. This design can be viewed at The Park Apartments in the Fircrest Neighborhood (206 NE 126th Avenue)
- 3) If extending established building heights to accommodate ADU development such as one might find on a garage, the FNA recommends the builder place limited 2-story visualization into neighboring back yards. Multiple windows along property lines tends to minimize neighboring privacy.
- 4) If new construction is to receive a discount for using aging-in-place designs, the FNA recommends that established senior households wishing to upgrade receive the same discount.
- 5) The FNA is not in favor of decreasing apartment building code parking from 1.5 to 1 (or .75). We believe this change will promote more street parking, vehicle theft, and safety site endangerment. The extra parking is needed for families owning more than 1 car and for visitors.
- 6) The FNA is also concerned about the effect that increased housing density will have on tree canopy throughout the city. Our neighborhood treasures old growth trees and feels that they should be protected as much as possible as new developments are designed. Twelve Fircrest Neighborhood Association members voted. Ten voted in favor of the statement. None voted against the statement.

Two abstained. They felt that item 6, regarding tree canopy, was not appropriate in a statement about housing codes. (Three additional residents had to leave the meeting during the discussion but expressed their approval of the statement at that point.)

---

**From:** David Devine <[nwreadvisor@gmail.com](mailto:nwreadvisor@gmail.com)>

**Sent:** Tuesday, May 17, 2022 6:10 PM

**To:** Snodgrass, Bryan <[Bryan.Snodgrass@cityofvancouver.us](mailto:Bryan.Snodgrass@cityofvancouver.us)>; Coutinho, Becky <[Becky.Coutinho@cityofvancouver.us](mailto:Becky.Coutinho@cityofvancouver.us)>

**Subject:** Real Affordable Housing NOW (and in the future)

Some people who received this message don't often get email from [nwreadvisor@gmail.com](mailto:nwreadvisor@gmail.com). [Learn why this is important](#)

**CAUTION:** This email originated from outside of the City of Vancouver. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear B&B,

I am a real estate broker in Clark County. My office is in **Vancouver**. My RE career began in 1980 and has spanned 3 western states.

The purpose of the email is not to tell you how to do your job, OK? That said, if you track with me, affordable housing in Vancouver could soon take a giant leap.

You will miss the import and practicality of what I am sharing if you do not wrap your minds around the following reality:

***Motorhomes and RVs are the new affordable housing.***

That is not just an idea, that is being played out everyday in Clark and surrounding counties. It is a pervasive reality in Vancouver, though it wasn't always that way. If you aren't looking at this phenomenon you will miss it. No mention of *expanding RV park inventory* in Vancouver was made in the **Housing Code Update** project that began in **2019**. (Nor the benefit of incentivising manuf hm park/subdivision development.)

Update Preamble:

"The purpose of the Housing Code Update project is to allow more housing options that will provide different types and sizes of housing in the community while maintaining neighborhood livability."

Friends, I am working with a 23-acre Vancouver property owner, It is zoned R-9. The county assessor has it valued at over \$3mil. It is in the City near 162nd/Fourth Plain Blvd. The family would like to develop 90 spaces on ten (buildable) acres, but in recently talking to a female planner I realized that Vancouver (as well as most planning jurisdictions) treat RV parks like a commercial entity and not a housing venue. That treatment equates RV parks to mini-storage facilities or retail. We could build 90 units (perhaps in three 30-unit phases) and comply with R-9 density. The land to the S of the Subject parcel is all zoned MX.

The reason no new RV parks are in the works in Vancouver is that RV developers have to compete with big box retail for 10 or more acres. They just can't pay what **Costco** or **Winco** can pay for the land. **No RV land = No RV development.** It's that simple.

In the future, **Amazon** is building their gi-normous facility behind Walmart. 100s of skilled laborers will descend on this town from all over the West. Where are they going to stay? They all drive pick-ups and many of them own trailers and 5th wheels, but there's nowhere to put them in this City because Supply is way too low.

My vision is an RV park that would not have a store (that's commercial) or sell propane (that's commercial too). They might have a clubhouse. They might have a community pool. Those fall within allowable residential uses.

Renting an RV pad is better than renting a studio apartment because at least the tenant has ownership of their Class A, Class B motorhome, 5th wheel, or trailer. If they don't feel treated right they can pick up and leave right away. Unlike a manuf home park where moving your MH is not a viable option.

All the Planning Commission and the City Council have to do is rightly respond to the realities of limited affordable housing options and treat RV parks as housing and not commercial. Then it would be allowable to construct RV spaces in R-9 areas to reduce the burdens of skyrocketing stick-built housing prices. Believe me, as bad as it is, our affordable housing crisis is nothing compared to Vancouver BC. They are in a hole they cannot get out of - and we are headed there unless fundamental, sweeping changes are made sooner rather than later.

Go to any RV park in Clark County and you will find that 80+% of occupied spaces are permanent residents. Granted, there are different definitions for "permanent." You must know that a lot of jurisdictions go out of their way to ban permanent residency in RV parks. That is prima facie evidence the RV pad rentals are the new affordable housing. There is unwarranted fear that this use will put downward value pressure on surrounding SFR neighborhoods.

Guys, I taught real estate appraisal for four years at a community college in **Salem, Oregon**. Mark my words: anytime you locate affordable housing near unaffordable housing it could affect values (either way). If the family developed five luxury homes on 2 acres the super unaffordable luxury homes would positively affect the values of the existing unaffordable subdivisions. It is the principles of Conformity and Externalities at play. Plain & simple.

Right now, friends of mine, in Oregon, are building a new house solely to rent via VRBO or AirBNB. From the county building, planning, and assessment standpoint it is a single family residential structure. Right? In reality, it is an SRT, a short-term rental residence. At most, occupants stay 1 week. Contrast that with motorhome owners that rent their RV space by the month (or longer if they could).

Please see what the market is evidencing. A lot of empty nesters are selling their \$600k homes, buying a \$200k+ motorhome, go seeing the world, visiting grandkids, getting their dental work done in Mexico, whatever. Single people (just getting started) move out of the folk's stick-built home, buy a used RV, and go out on their own. They work in town and they want to live in town, but they can't because their town has been systemically too restrictive on RV park uses.

The time to change is NOW. The need is HERE.

Thanks for your consideration of the matter at hand.

--

**David Devine**, broker

Weichert Realtors - Equity NW

**(360) 518-6083c**

(360) 253-1212o

**Weichert.**  
REALTORS®  
Equity NW





**Staff Report: 076-22**

**TO:** Mayor and City Council

**FROM:** Eric Holmes, City Manager

**DATE:** 6/27/2022

**SUBJECT** Amendment to a contract with PBS Engineering and Environmental Inc. (Contract # C-79788) to complete the design, update environmental permitting, and provide construction support related to the NE 137th Avenue transportation improvement project

**Key Points**

- City Council approved a professional services agreement with PBS Engineering and Environmental (previously HDJ Design Group, RFQ #2-14, Staff Report 060-14 on June 9, 2014); At that time the project had limited dollars for design and environmental documentation. PBS Engineering has been providing design, environmental studies, and project coordination for the improvement of NE 137th Avenue from NE 49th Street to NE Fourth Plain Boulevard. The design and right of way acquisition is currently at the 75% level of completion.
- Since then, the City has received three additional federal grants to help fund the right of way acquisition and construction phases; this amendment completes remaining project documentation and allows final design efforts to be completed to 100%.
- If the requested amendment is approved, construction of the NE 137th Avenue project from NE 49th Street to NE Fourth Plain Boulevard would start in summer 2023.

**Strategic Plan Alignment**

**Goal 1:** Ensure our built urban environment is one of the safest, most environmentally responsible and well maintained in the Pacific Northwest

**Objective 1.1:** Develop and maintain a safe, balanced, and innovative transportation system that will meet the needs of future generations

**Goal 6:** Facilitate the creation of neighborhoods where residents can walk or bike to essential amenities and services – “20-minute neighborhoods”

**Objective 6.1:** Support a strong, active neighborhood program that enhances livability and community connections

### **Present Situation**

In 2014, PBS Engineering and Environmental Inc. (previously HDJ Design Group) of Vancouver, Washington was selected as the most qualified firm to provide professional services to improve NE 137th Avenue project from NE 49th Street to NE Fourth Plain Boulevard through a competitive selection process (RFQ 2-14). The City of Vancouver awarded a contract in the amount of \$1,215,033.75. The contract was intended to use available grant funding and progress the design to the 75% level.

The City of Vancouver requested a fee proposal from PBS Engineering and Environmental Inc. for additional services to advance the design from the 75% level to final bidding and construction documents, update environmental permitting, and to provide as-needed support during construction.

PBS Engineering and Environmental Inc. provided a proposal and fee schedule for additional professional services dated May 6, 2022 (attached). The additional fee is \$964,695.33, and with the addition of this amendment the total contract price will be \$2,179,729.08.

### **Advantage(s)**

Approval of this amendment for the contract with PBS Engineering and Environmental Inc. will keep the work with the same consulting team, streamlining the process. This work was included and is consistent with the original Request for Qualifications.

### **Disadvantage(s)**

Utilizes additional funds for final design. These funds are included in the Transportation Capital Budget.

### **Budget Impact**

The project is funded through the Transportation Capital Fund and federal grants. The project is included in the 2021-2022 Transportation Capital Fund Budget.

### **Prior Council Review**

1. Approval of the professional services agreement with PBS Engineering and Environmental Inc. (RFQ #2-14, Staff Report #060-14 on June 9, 2014).
2. Approval of the 2022-2027 Transportation Improvement Program (TIP) – Resolution No. M-4131 (6/21/2021).

### **Action Requested**

On June 27, 2022, subject to second reading and public hearing, approve the ordinance.

*Ryan Lopossa, Streets and Transportation Manager, 360-487-7706*

**ATTACHMENTS:**

- ▣ Amendment No. 2
- ▣ Ordinance



**Washington State  
Department of Transportation**

|                                                                                                                                                                     |  |                                                                                                         |                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------|----------------------------------|
| <b>Supplemental Agreement<br/>Number <u>2</u></b>                                                                                                                   |  | Organization and Address                                                                                |                                  |
| Original Agreement Number<br>C-79788                                                                                                                                |  | PBS Engineering & Environmental (formerly HDJ Design Group)<br>4412 S Corbett Ave<br>Portland, OR 97239 |                                  |
| Project Number<br>N/A                                                                                                                                               |  | Phone:                                                                                                  |                                  |
| Project Title<br>137th Avenue Corridor Project                                                                                                                      |  | Execution Date<br>June 23, 2014                                                                         | Completion Date<br>June 30, 2025 |
|                                                                                                                                                                     |  | New Maximum Amount Payable<br>\$2,179,729.08                                                            |                                  |
| Description of Work<br>Design, engineering and other related professional services for the NE 137th Ave Corridor Completion -49th Street to Fourth Plain Boulevard. |  |                                                                                                         |                                  |

The Local Agency of City of Vancouver

desires to supplement the agreement entered in to with PBS Engineering & Environmental

and executed on June 23, 2014 and identified as Agreement No. 79788

All provisions in the basic agreement remain in effect except as expressly modified by this supplement.

The changes to the agreement are described as follows:

**I**

Section 1, SCOPE OF WORK, is hereby changed to read:

See attached Exhibit A, Supplement 01.

**II**

Section IV, TIME FOR BEGINNING AND COMPLETION, is amended to change the number of calendar days for completion of the work to read: The time of completion shall be changed to read June 30, 2025.

**III**

Section V, PAYMENT, shall be amended as follows:

The current hourly rate sheet shall be changed to the attached hourly rate sheet.

**CITY OF VANCOUVER**  
A municipal corporation

**CONTRACTOR:**  
PBS Engineering & Environmental

---

Eric Holmes, City Manager

---

Signature

---

Date

---

Printed Name /Title

Attest:

---

Date

---

Natasha Ramras, City Clerk

Approved as to form:

---

Jonathan Young, City Attorney

## Supplement 01

# Scope of Work: NE 137th Avenue Corridor Completion Project 49th Street to Fourth Plain Boulevard

PBS Project HDJ3755.000

Client: City of Vancouver

The Standard Washington State Department of Transportation (WSDOT) Local Agency Consultant Agreement is amended and supplemented to include the following provisions regarding the scope of work.

## I. Project Description and Background

The City of Vancouver (City) has asked PBS Engineering and Environmental Inc. (PBS) to complete design and plans, specifications, and estimate (PS&E) work for the NE 137th Avenue Corridor Completion Project – 49th Street to Fourth Plain Boulevard.

Currently the PBS team has completed:

1. PS&E through the 75% completion phase
2. Water, sanitary, and illumination have been progressed to 90% plans
3. National Environmental Policy Act (NEPA) documentation
4. State Environmental Policy Act (SEPA) and local permitting through permit submittal
5. US Army Corps of Engineers (USACE) and Washington State Department of Ecology permitting through permit turn in
6. Utility coordination through 75%
7. Geotechnical explorations
8. Air and noise studies
9. Archeological and historical reporting
10. Traffic studies

In general, this engineering phase will involve, but not be limited to, the following key components and deliverables:

1. Preparation and submittal of monthly invoices to the City for services performed
2. Preparation of monthly status reports
3. Attendance at project team meetings
4. Coordination with city staff, teaming partners, WSDOT, permitting/regulating agencies and other stakeholders
5. Finalizing all permits
  - NEPA documentation was approved more than three years ago and a NEPA reevaluation is required.
  - Approved SEPA determination is still valid and project conditions have not changed to warrant a new SEPA determination or amendment.

- Approved City of Vancouver critical areas permit is still valid and does not expire, and project conditions have not changed to warrant a new permit.
  - Approved Section 404 authorization, Section 401 water quality certification, and Washington Department of Fish and Wildlife (WDFW) Hydraulic Project Approval (HPA) are approved and valid. Agencies will authorize permit extension up to the maximum five-year extension and new permits will not be required.
  - Approved project impacts will not change and approve compensatory mitigation approach and quantities are still valid. If project impacts change or mitigation approach and quantities need to change, a separate scope and fee will be submitted for a new compensatory mitigation plan.
  - Mitigation bank credits from the Terrance Mitigation Bank are available.
  - The City of Vancouver issued a permit decision document that included a condition of approval requiring the submittal of a revised mitigation plan addressing revised buffer impacts prior to construction.
  - Permitting is limited to the applications listed in the scope of work; additional required permitting can be included as part of a separate scope of work.
  - The previously completed wetland delineation and ordinary high-water mark (OHWM) identification will be acceptable, and no further work is needed to determine the wetland and/or OHWM boundaries.
6. Completion of traffic engineering tasks including 90% and final plans for:
- 49th Avenue roundabout memo
  - Fourth Plain signal modification
  - Illumination
  - Striping
  - Signing
  - Fiber optics
7. Completion of utility coordination and permitting
8. Geotechnical engineering support
- Facility-specific infiltration tests after 90% plans
  - Groundwater level monitoring
  - Update of seismic design parameters
9. Completion of structural engineering including 90% and final plans for:
- Retaining walls
  - Burnt Bridge Creek culvert
10. Completion of roadway design including 90%, 100%, and final plans for:
- Roadway profile, alignment, and grading
  - 49th Avenue roundabout reconfiguration
  - Detour and staging
  - Stormwater conveyance, treatment, and retention
  - Americans with Disabilities Act (ADA) grading
  - Joint utility trench
  - On-site wetland mitigation

## 11. Continuation of public outreach efforts

This scope of work assumes the following:

1. Additional survey will be provided by the City within one month of authorization.
2. The City will provide a list of right-of-way (ROW) acquisition commitments.
3. The area of potential effect (APE) will be revised for 49th Avenue roundabout work and will not require additional fieldwork/documenting beyond the revised APE map.
4. A wetland bank will be available for credits per the original wetland mitigation plan.
5. No stormwater treatment/detention changes will be required by the City.
6. Infiltration test will be scheduled and performed after the City has reviewed the 90% plans.
7. There will be no planimetric design changes except for:
  - Project limits will extend west along 52nd Street to tie into new park frontage.
  - Project will connect into existing frontage improvements that have been constructed to date
  - project will add the 49<sup>th</sup> street roundabout modifications, reducing the multilane roundabout to a single lane
8. The project is anticipated to take 18 months from notice to proceed.

## II. Scope of Work

### Task 1: Project Administration

PBS shall oversee project tasks and coordinate with city representatives to manage the scope, schedule, and budget for the design engineering phase.

#### Subtask 1.1: Contract Administration, Invoicing, and Progress Reports

1. *Prepare and submit monthly invoices.* Each invoice will include: date period covered by invoice; number of hours worked during the billing period with billing rates shown; expenses and associated markups; total cost for labor and expenses for the billing period; subconsultants fees including markups for the billing period; and a total amount summarizing labor, expenses, and subconsultant fees. The only markup for subconsultants will be for the business and occupation tax; no additional markup will be included in the billing by PBS.
2. *Prepare a Contract Summary Report to accompany the monthly invoices.* The Contract Summary Report will list each invoice as well as current invoice with an itemized summary of invoice numbers, dates, and amounts billed for labor, expenses, and subconsultants as well as total amounts for each invoice. The Contract Summary Report will also list the total amount billed to date, total amount remaining under contract, and contract expiration date.
3. *Prepare a brief Project Status Report to accompany the monthly invoices.* The Project Status Report will include: date period covered by Status Report, brief summary of work performed during the billing period, a notice to the City raising any issues or concerns that could require a contract amendment/supplement, a brief summary of completed and/or upcoming project milestones, and action items needed from the City for project delivery. PBS shall monitor the status of the budget and take actions to correct undesirable budget trends involving the City if scope is impacted.



4. *Prepare and maintain project design schedule.* The schedule shall identify PBS tasks and items provided by the City and other consultants. The schedule will be updated every month or as circumstances require or as requested by the City.
5. *Project management.* General coordination with client, subconsultants, other consultants, and stakeholders and ongoing monitoring of tasks and resources.
6. *Maintain all contract-required documentation.* Provide copies of project files and records to the City for audits and public information requests. All final documents will be provided in electronic format as requested.

Deliverables:

1. Monthly invoices, Contract Summary Reports, and Project Status Reports
2. Project design schedule and updates
3. Project documentation

**Subtask 1.2: Meetings**

This item includes the coordination and meetings necessary to successfully complete the project.

1. Attend project re-kick-off meeting with city staff
2. Biweekly internal PBS design team coordination and meetings
3. Monthly project coordination meeting with city staff (assumed 18 months total)
4. Meet with city staff after the review of the 90%, and 100% submittals

Deliverables:

1. Meeting agendas and meeting summaries

**Subtask 1.3: Management, Coordination, and Direction**

1. PBS will provide management, coordination, and direction to the project team in order to complete the project on time and within budget. The City fosters a partnership approach of all stakeholders in the project. PBS will integrate this strategy into the overall management approach.
2. PBS will prepare monthly progress reports.
3. PBS will schedule project team meetings and prepare meeting agendas. This includes a project kick-off meeting, monthly progress meetings, provide information and attend public meetings and open houses, review meetings, and coordination meetings. PBS is expected to attend public meetings and open houses to explain and discuss the tasks on the project. PBS will prepare maps and exhibits associated with our tasks on the project.
4. PBS will establish a quality management program and designate responsibility for review of technical work and other deliverable products.

*Project Coordination*

1. PBS will organize and hold project meetings with key project team members, as well as representatives from the City of Vancouver and other agencies as needed. These meetings shall have specific agendas addressing and resolving project issues as they are encountered.
2. PBS will coordinate tasks and activities with the City. This shall include using biweekly meetings to plan and coordinate upcoming activities.

3. PBS will coordinate with private and public utilities, including power, phone, cable, gas, and other utilities.
4. PBS will coordinate with Clark County Public Transit Benefit Area Authority (C-TRAN), WSDOT, the Evergreen Public School District (ESD), the Bonneville Power Administration (BPA), and Clark Public Utilities (CPU).
5. PBS will coordinate with property owners adjacent to the project who will be affected by the roadway design. Prior approval from the City's project manager will be required before any contact with neighborhood associations or private property owners occurs.

#### *Project Scheduling*

PBS will revise the schedule to reflect changes in the project milestones and timelines.

#### *Deliverables:*

1. Meeting summaries
2. Monthly progress reports
3. Project schedule and schedule updates

## **Task 2: Traffic Engineering: Traffic Analysis and Future Demand and Access Management Plan**

### **Subtask 2.1: Traffic Engineering Management**

#### *Project Coordination and Meetings*

This task is associated with Kittelson & Associates, Inc. (Kittelson), project management of the traffic analysis, functional design, and design phases associated with this project.

1. Project kick-off meeting with city staff.
2. Prepare up to 18 monthly progress reports associated with traffic design phase.
3. Prepare for and participate in up to nine two-hour project team meetings with city staff in Vancouver.
  - Support the PBS team preparing meeting agendas and minutes related to traffic elements of the project.
4. Meetings with consultant team and internal Kittelson design team.
  - Prepare for and participate in up to 18 consultant team meetings.
    - Nine in-person two-hour meetings in Vancouver and nine via one-hour telephone conferences.
  - Support the PBS team preparing meeting agendas and minutes related to traffic elements of the project.

#### *Public Involvement*

This task is associated with Kittelson's support in the public involvement process that is being led by PBS.

1. Open house (Tier 1-3 Engagement).
  - Prepare for and attend one public open house meeting.

## **Subtask 2.2: Traffic Analysis Report**

### *Existing Transportation Facilities and Traffic Conditions*

Completed as part of previous contract and anticipate no additional work.

### *Future Traffic Conditions*

Completed as part of previous contract and anticipate no additional work.

### *Access Management Plan*

Completed as part of previous contract and anticipate no additional work.

### *Traffic Analysis Report (Contingency)*

The purpose for this contingency task is to update the traffic analysis to support future grant applications. The grant application review may require more recent traffic analyses than currently available, in which case this contingency task can be activated.

Contingency Subtask 2.1 will update the traffic operations analyses previously documented in the Revised May 2017 Traffic Report (2014 existing traffic counts) based on new traffic count data and the most recent Southwest Washington Regional Transportation Council (RTC) travel demand model data available.

#### 1. Existing traffic conditions

- Collect 4:00–6:00 weekday PM peak turning movement counts at up to five key intersections:
  - NE 49th Street
  - NE 52nd Street
  - NE 59th Street
  - NE 65th Street
  - NE Fourth Plain Road
- Collect 7:00–9:00 weekday AM peak turning movement counts at up to two key intersections:
  - NE 49th Street
  - NE Fourth Plain Road
- Compare 2022 count data to prior counts.
- Identify and apply a pandemic adjustment factor, if needed.
- Prepare existing conditions operations analysis of up to five key intersections.

#### 2. Future traffic conditions

- Review of base 2015 and future year 2040 projected traffic volumes using model information provided by RTC.
- Develop year 2043 weekday PM peak hour turning movement volumes at up to five study intersections using the 2022 intersection turn movement counts and the 2040 RTC model run data.
- Prepare future conditions operations analysis at up to five study intersections based on the planned improvements along NE 137th Avenue.

3. Technical memorandum

- Prepare draft Supplemental Traffic Operations Analysis Report and submit for review.
- Address city comments and submit final Supplemental Traffic Operations Analysis Report.

Deliverables:

1. Draft and final Supplemental Traffic Operations Analysis Report

*NE 137th Ave/NE 49th Street Intersection Evaluation*

PBS will prepare traffic operations analyses for the NE 137th Avenue/NE 49th Street intersection to determine improvements to potentially be incorporated into the corridor improvement project.

1. Existing traffic conditions

- Collect new 2022 7:00–9:00 weekday AM and 4:00–6:00 weekday PM peak turning movement counts.
- Compare 2022 count data to prior counts.
- Identify and apply a pandemic adjustment factor, if needed.
- Prepare existing conditions operations analysis.

2. Future traffic conditions

- Review of base 2015 and future year 2040 projected traffic volumes using model information provided by RTC.
- Develop year 2043 weekday PM peak hour turning movement volumes using the 2022 intersection turn movement counts and the 2040 RTC model run data.
- Prepare future conditions operations analysis based on the planned improvements along NE 137th Avenue.

3. Technical memorandum

- Prepare supplemental technical memorandum and submit for review.
- Address city comments and submit final technical memorandum.

Deliverables:

1. Draft and final supplemental technical memorandum

**Task 3: Design Engineering**

**Subtask 3.1: Design Engineering: Plans, Specifications & Estimate (PS&E)**

The consultant will advance the current 75% design to 90%, 100%, and final construction contract documents as part of this task. Kittelson will be responsible to provide design engineering services for the deliverables outlined below for the following submittals:

1. 90% Submittal
2. 100% Submittal
3. Final submittal

*30% Design (Preliminary)*

Completed as part of previous contract and anticipate no additional work.

*50% Design (PS&E)*

Completed as part of previous contract and anticipate no additional work.

*75% Design (PS&E)*

Completed as part of previous contract and anticipate no additional work.

*90% Design (PS&E)*

*Establish Design Standards*

Several city design standards have changed since the last submittal. Because of this, the City will need to review the 75% submittal before the consultant begins design. Once the City provides discipline-specific plan review comments, PBS will work with the City's project manager to determine which and how the new design standards will be implemented into the project design.

Once the project-specific design standards are finalized, the consultant will progress the project to the 90% design stage. These documents will consist of plans, specifications, a bid item list, an opinion of probable construction cost, and an anticipated construction schedule.

The 90% plan set shall include the following and be approximately 255 sheets:

- Cover Sheet
- General Notes and Legend Sheet
- Typical Sections
- Erosion Control and Grading Plans
- Erosion Control Notes Detail Sheets
- Site Prep/Demolition Plans
- Plan over Profile Sheets (including 49th St roundabout modifications)
- Utility Plan and Profile for stormwater and the joint utility trench (including 49th St roundabout modifications)
- Stormwater Facility Plan and Detail Sheet
- Utility Plan and Profile for Water plans
- Miscellaneous Details Sheet
- Intersection Modification Plan at Fourth Plain Intersection
- Fiber Optic Interconnect Plan
- Signing and Striping Plan
- Lighting plan with details of luminaires, conduits and power
- Site specific Traffic Control Plans
- Bridge Structure Plans and Details

- Retaining Wall Plan and Profile
  - Soundwall Plan and Profile
  - Wall Details
  - Construction Staging Plans
  - Construction Signing Plan
  - Standard Detail Sheets
  - Landscape Plans
  - Landscape Detail Sheets
  - Wetland Mitigation plan and details
  - Preliminary Irrigation Plans
  - Preliminary Irrigation Detail Sheets
1. Compile stormwater analysis from 75%, update the analysis to match the 90% level design and prepare the updated stormwater/Hydrology report.
  2. Design/provide design support for water and sanitary sewer utilities.
  3. Coordinate a detailed construction staging plan with the City and franchise utility companies.
  4. Compute quantities and prepare an engineer's estimate of construction costs shown on the plans. Identify which bid items will require special provisions.
  5. Prepare 90% Level Project Specifications including current WSDOT amendments, GSP's and special provisions necessary for this project.
  6. Submit 90% plan set, specifications, and cost estimate for review

Deliverables:

1. Technical memorandum summarize desired changes and documenting the decisions.
2. 90% Plans, Specifications, and Cost Estimates (3 copies on 11X17 and a pdf of the plan set, Specifications in word format and cost estimate in excel.
3. Updated Stormwater/Hydrology Report

*100% and Final Design (PS&E)*

The consultant will address review comments from the 90% plans and develop construction documents to the 100% design stage. These documents will consist of plans, specifications, a bid item list, an opinion of probable construction cost, and an anticipated construction schedule. Final documents will be sealed as appropriate for jurisdictional engineering review.

Address the 90% comments. 100% and final design phase plan set shall include:

- Cover Sheet
- General Notes and Legend Sheet
- Typical Sections

- Erosion Control and Grading Plans
  - Erosion Control Notes Detail Sheets
  - Site Prep/Demolition Plans
  - Plan over Profile Sheets (including 49th Street roundabout modifications)
  - Utility Plan and Profile for stormwater and the joint utility trench (including NE 49th Street roundabout modifications)
  - Stormwater Facility Plan and Detail Sheet
  - Utility Plan and Profile for Water plans
  - Miscellaneous Details Sheet
  - Intersection Modification Plan at Fourth Plain Intersection
  - Fiber Optic Interconnect Plan
  - Signing and Striping Plan
  - Lighting Plan with details of luminaires, conduits, and power
  - Site-specific Traffic Control Plans
  - Bridge Structure Plans and Details
  - Retaining Wall Plan and Profile
  - Soundwall Plan and Profile
  - Wall Details
  - Construction Staging Plans
  - Construction Signing Plan
  - Standard Detail Sheets
  - Landscape Plans
  - Landscape Detail Sheets
  - Wetland Mitigation Plan and Details
  - Irrigation Plans
  - Irrigation Detail Sheets
- 
1. Address stormwater report comments and submit final stormwater report for approval.
  2. Prepare final special provisions as needed for nonstandard items shown on the plans and compile the project specifications.
  3. Compute quantities and prepare an engineer's estimate of construction costs.
  4. Submit 100% PS&E for review.
  5. Address city review comments regarding the PS&E.
  6. Preparation of the project National Pollution Discharge Elimination System (NPDES) permit application and posting the Notice of Intent (NOI) in an appropriate local newspaper.

7. Preparation of the project Stormwater Pollution Prevention Program (SWPPP).
8. Prepare bid package.
9. Submit bid package.
10. Submit underground injection control (UIC) permits.

**Deliverables:**

1. 100% PS&E (three copies on 11- by 17-inch paper and a PDF of the plan set)
2. Contract documents in Word format and cost estimate in Excel
3. Final CAD drawings and Civil 3D
4. Final stormwater report
5. SWPPP

*Quality Assurance/Quality Control*

The consultant will provide quality assurance/quality control (QA/QC) for all design work in accordance with the consultant's QA/QC standards. PBS will provide senior level design and construction personnel to review plan submittals and provide technical support.

**Subtask 3.2: Data Collection and Utility Coordination**

*Project Management and Utility Coordination*

MSA will Confirm utilities within the project limits and obtain and review current system mapping. Verify system mapping consistency with project base-mapping. Update contact list. Assume five different utility operators.

Conduct site visit to verify/confirm presence of utilities within the entire project area to confirm utility provider provided current facility maps and updated project basemap completeness.

Serve as single point of contact through the design phase of the project for utility companies in addressing their need for project information and design requests, including distribution of design plans. Serve as liaison between utilities and the project design team. Provide project plans and previous relocation plans to current utility representatives. Identify and discuss with each utility special requirements associated with their facility relocation or modification. Assume up to one hour per week throughout the project duration (Approximately 18 months)

Update the utility report for utilities within the project corridor. The report will outline potential utility conflicts throughout the project area and describe existing facilities' general locations, type, size, material, typical buried depth, project construction requirements, and probable conflict resolution. Potential conflicts will also generally be described as well as caveats related to relocation process:

- Submit a draft report electronically. Submit a final report electronically.
- Coordinated potholing efforts, potholing will be completed by utilities.
- Submit a monthly report with invoice (Approximately 18 months)



### *Utility Meetings*

Prepare for and attend up to two meetings for strategizing and planning utility coordination and relocations with city and/or project design team, and up to two planning meetings for 90% and final design.

Organize group/individual utility meetings as necessary to provide latest overall project information. Such meetings will address known facilities, potential for impact, timing requirements for potential relocations, and information of reimbursable requirements. Meetings will also allow the exchange of each utility's relocation plans with the other utilities in order to maximize compatibility of relocation designs and utility and roadway construction sequencing. Organize up to two group utility meetings, and up to four individual utility meetings. Prepare and transmit meeting agendas and meeting minutes to all concerned parties. Coordinate BPA conflicts and easement requirements. If a temporary shutdown of the BPA facilities is required during construction, additional coordination and planning meetings with BPA will be needed.

### *Conflict Identification, Analysis and Recommended Resolution*

Identify and analyze utility conflicts, compile, and distribute utility conflict lists involving aboveground, surface, and underground conflicts, and make conflict resolution recommendations to utilities.

Revise utility conflict plan sheets based on 90% design plans and accompanying utility conflict spreadsheets indicating, but not limited to, conflict item number, type of utility, conflict status, average cover during and after construction, whether utility is in or out of public ROW, and comments. Five different utility operators are assumed.

Revise conflict analysis and conflict spreadsheet based on 100% design plans.

### *Conflict Notification and Utility Relocations*

Notify the impacted utilities and coordinate the efforts of the utility agencies in developing and executing a plan for relocating utilities to resolve conflicts with the project design. As part of that effort:

1. Prepare and deliver to each involved utility owner a Conflict Notice with attached conflict list and map. Assume up to five different utility operators. Notice shall require a utility response in the form of a proposed facility adjustment plan and schedule to complete the utility work. Allow each utility a 30-day period to respond with a proposal from date of the notice.
2. Review utilities' proposed relocation plans to verify that identified conflict items are addressed and that the plans accommodate and conform to the construction requirements for the project. Provide written approval of each utility's relocation plan. Up to eight total reviews will be performed for the utilities' relocation plans (average two per utility).
3. Provide construction phase services, up to five site visits.

### *Assumptions:*

1. The City will provide utility plans, GIS, and other supporting documents for city utilities potentially affected by this project and pertinent franchise utility system mapping and agreements in its possession.
2. Utility design location fees, if any, are not included in PBS' costs and will be paid by the City if required.
3. Utilities will provide designating and locating information for their facilities at their expense.

4. Additional ROW and/or easements that may be required for relocated utilities are the responsibility of the utilities or the City in the event of prior rights.

Deliverables:

1. Meeting agendas and summaries for each utility meeting.
2. 90% utility conflict analysis based on 90% plans within 20 days of 90% submittal.
3. 100% utility conflict analysis based on final plans within 15 days of 100% submittal.
4. Conflict notice letters and attachments for each utility.
5. Review and comments on utility relocation plans.

**Subtask 3.3: Geotechnical Engineering**

Hart Crowser, a division of Haley & Aldrich (Hart Crowser), will provide on-call geotechnical consultation for the development of 90% and final plans with attention toward supplementing infiltration design and groundwater monitoring, and updating seismic and culvert design parameters. Their specific scope of work will include the following tasks:

1. Review the existing geotechnical report prepared for the project (dated May 9, 2017) and additional geotechnical reports for nearby sites provided by the City, if any.
2. Conduct a site reconnaissance to observe changed conditions.
3. Conduct a program of supplemental field exploration and infiltration testing including:
  - Marking the proposed exploration locations in the field and notify the "One Call" service for public utility locates. Also, engage services of private utility locating subcontractor for work on private property.
  - Preparing traffic control plans for and provide traffic control during completion of field explorations.
  - Excavating up to 7 test pits up to 12 feet deep at proposed infiltrating bioretention swale locations.
  - Conducting up to two small-scale pilot infiltration tests (PITs) and up to five single-ring falling head infiltration tests at the test pit locations.
  - Maintaining a log of the soils encountered in the explorations and collecting soil samples for laboratory testing.
  - Restoring the exploration locations by backfilling the test pits loosely with the soil spoils and tamping the spoils with the excavator bucket. Covering the disturbed surface with grass seed and straw.
  - Install up to seven pressure transducers with integrated data loggers in the existing groundwater monitoring wells installed as part of the initial geotechnical investigation. A separate transducer will be installed for atmospheric (barometric) pressure correction. The data loggers will be set to collect groundwater levels reading on an hourly basis.
  - Collect an initial groundwater level reading from the monitoring wells approximately two weeks after installation.
4. Conduct a series of geotechnical laboratory tests on select soil samples. The specific tests conducted will depend upon actual conditions encountered. For budgeting purposes, we have assumed the tests will include up to:

- 14 particle-size distribution tests (sieve analyses)
  - 7% fines determinations (percent passing the number 200 sieve)
  - 7 moisture content determinations
5. Conduct engineering analyses to evaluate:
    - Seismic design parameters
    - Infiltration design parameters
    - General geotechnical design components
  6. Prepare a draft geotechnical report addendum summarizing the results of the supplemental subsurface exploration and laboratory testing programs and presenting appropriate updated recommendations and conclusions.
  7. Prepare a final geotechnical report addendum incorporating requested changes/updates from the project team's review of the draft memorandum.
  8. Download groundwater level data from pressure transducers on up to four occasions over a period of 18 months. Readings will be collected at approximately four- to six-month intervals. (Implement traffic control services as needed during data collection.)
  9. Prepare draft and final versions of a memorandum summarizing groundwater data collected throughout the monitoring period. Plots of the groundwater level data will be paired with rainfall data from a nearby weather station. An estimate of the seasonal high groundwater level at each well location will be provided in the memorandum. (If timing is appropriate, the groundwater memorandum may be eliminated, and the groundwater data incorporated into the final geotechnical report.)
  10. Review geotechnically relevant portions of project plans and specification. (However, Hart Crowser will not prepare plans or specifications.)
  11. Provide general geotechnical consultations to the project team for development of the 90 and 100% plans. The estimated level of effort will include up to 4 hours per month of geotechnical project manager and project engineer consultation time for a period of 12 months.
  12. Attend monthly project meetings for a period of up to 18 months. (Assumed up to 2 hours of time for attendance at and preparation for each meeting.)
  13. Provide geotechnical project management and support, including coordinating Hart Crowser staff and subcontractors, invoicing, email and telephone communications with the project team, other incidental administrative services required for the project.

Assumptions:

1. The City or others in the consultant team will obtain right of entry permission for all explorations and pressure transducer installations. The right-of-entry agreement will not impose conditions on the geotechnical work that have not already been outlined above.
2. If needed, the City will issue a street use permit at no cost to Hart Crowser. The street use permit will allow work to occur between 8:00 am and 6:00 pm weekdays.
3. If contaminated soils are encountered, then additional charges will be incurred for equipment decontamination, testing, and soil disposal.
4. Abandonment of the groundwater monitoring wells is not included in our scope. We have assumed that this task will be completed during construction by the project contractor.

5. Hart Crowser will pay Washington State prevailing wages to their subcontractors, but Davis-Bacon prevailing wages do not apply.
6. The Level 1 Hazardous Materials Assessment report completed previously does not require revision.

Deliverables:

1. Draft and final geotechnical report addendum.
2. Draft and final groundwater monitoring summary memorandum.
3. Review and comments on project plans and specifications.

### **Subtask 3.4: Structural Engineering**

#### *Burnt Bridge Creek Crossing Design and PS&E*

This task includes preparation of plans, technical specifications, calculations, and estimate of probable cost for the new culvert over Burnt Bridge Creek including the new contractor designed culvert and cast-in-place concrete headwalls and footings. WSP will advance the 75% design and prepare structural design documents at 90%, 100%, and final design milestones.

Assumptions:

1. The design will be based on the 75% level design documents completed previously.
2. Type, size, and location of the culvert will remain unchanged.
3. Final design of the culvert will be by the contractor.
4. Technical specifications will be provided for use with the latest edition of the WSDOT Standard Specifications for Road, Bridge, and Municipal Construction.
5. Structural design will be in accordance with the design standards published by the American Association of Highway Transportation Officials (AASHTO).
6. The final plans, technical specifications, and calculations will be used for obtaining building permits and bidding purposes.

Deliverables:

1. 90% plans, technical specifications, and estimate (PDF format)
2. 100% plans, technical specifications, and estimate (PDF format)
3. Final plans, technical specifications, estimate, and structural calculations (hardcopy)

#### *Retaining Walls at Wetland Areas – PS&E*

This task includes preparation of plans, technical specifications, calculations, and estimate of probable cost for up to 2300 linear feet of retaining walls along NE 137th Avenue. Retaining walls will be WSDOT standard gravity block walls. WSP will advance the 75% design and prepare structural design documents at 90%, 100%, and final design milestones.

Assumptions:

1. The design will be based on the 75% level design documents completed previously.
2. The wall type will remain unchanged from the 75% level design documents completed previously.
3. The maximum wall height will be less than 12 feet.

4. Technical specifications will be provided for use with the latest edition of the WSDOT Standard Specifications for Road, Bridge, and Municipal Construction.
5. Structural design will be in accordance with the design standards published by AASHTO.
6. The final plans, technical specifications, and calculations will be used for obtaining building permits and bidding purposes.

Deliverables:

1. 90% plans and technical specifications (PDF format)
2. 100% plans, technical specifications, and structural calculations (PDF format)
3. Final plans, technical specifications, and structural calculations (hardcopy)

*Sound Walls along NE 137th Avenue near NE 63rd Street – PS&E*

This task includes preparation of plans, technical specifications, calculations, and estimate of probable cost for up to 250 linear feet of sound walls along NE 137th Avenue. Noise walls will be WSDOT standard walls supported on deep foundations. WSP will prepare structural design documents at 90%, 100%, and final design milestones.

Assumptions:

1. The wall design will be based on WSDOT standard noise wall details that include deep foundation elements.
2. The maximum wall height will be less than 12 feet.
3. Wall plan and profile will be completed by PBS and provided to WSP.
4. Technical specifications will be provided for use with the latest edition of the WSDOT Standard Specifications for Road, Bridge, and Municipal Construction.
5. Structural design will be in accordance with the design standards published by AASHTO.
6. The final plans, technical specifications, and calculations will be used for obtaining building permits and bidding purposes.

Deliverables:

1. 90% plans and technical specifications (PDF format)
2. 100% plans, technical specifications, and structural calculations (PDF format)
3. Final plans, technical specifications, and structural calculations (hardcopy)

**Subtask 3.5: Right-of-Way Plans**

Completed as part of previous contract and anticipate no additional work.

**Subtask 3.6: Grade Sheets**

PBS will prepare grade sheets for project construction using station-offset format. The grades shall be tabulated for top surface and sub-grade at centerline, midpoints of roadway, gutters, and tops of curbs. The grades shall be provided at 25-foot intervals longitudinally and at points of horizontal and vertical curvature.

Deliverables:

1. Grade sheets electronic format.

### **Subtask 3.7: Value Engineering (VE) Study**

Completed as part of previous contract and anticipate no additional work.

## **Task 4: Environmental Review and Documentation**

### **Subtask 4.1: Wetland Delineation**

Completed as part of previous contract and anticipate no additional work.

### **Subtask 4.2: Wetland Mitigation Plan**

The project area is known to contain multiple critical areas as regulated under Vancouver Municipal Code 20.740. These critical areas include frequently flooded areas, wetlands, and fish and wildlife habitat conservation areas. The City issued a Type 2 critical areas permit on February 11, 2019. The staff report conditioned the approval to require a revised mitigation plan updated based on the buffer impact exhibit dated January 25, 2019. WSP will update the mitigation plan in accordance with the buffer impact exhibit and submit the revised mitigation plan to the City.

#### **Assumptions:**

1. Mitigation plan will require no more than one round of review by the City and WSDOT.
2. The City will agree that temporary project impacts are adequately mitigated by construction methods and restoring impacted areas to their existing condition.
3. No site visits will be required by city planning staff that would require attendance by WSP.

#### **Deliverables:**

1. Draft and final revised mitigation plan

### **Subtask 4.3: Endangered Species Act Compliance (Biological Assessment)**

Completed as part of previous contract and anticipate no additional work.

### **Subtask 4.4: Joint Aquatic Resource Permit Application (JARPA) and USACE 404 Individual Permit**

The previously acquired HPA expires February 24, 2024, and cannot be extended. This task includes reapplying for a WDFW-issued HPA for the Burnt Bridge Creek culvert replacement. In order to obtain the HPA, the consultant will use the previously completed JARPA to complete the online application system called APPS. The consultant will follow up with WDFW upon submittal.

#### **Assumptions:**

1. The project will not be completed before February 24, 2024, and a new HPA is required.
2. Project changes will not result in a change that triggers the need for a new JARPA and the previously completed JARPA can be used to complete the online application system. If there are project changes that require a new JARPA, a separate scope and fee will be prepared.
3. There have been no changes in WDFW regulations that would result in the need for additional information being submitted to WDFW.

#### **Deliverables:**

1. Submittal of previously completed JARPA to WDFW through the online application system

#### **Subtask 4.5: Wetland and Critical Areas Technical Memorandum**

Completed as part of previous contract and anticipate no additional work.

#### **Subtask 4.6: NEPA Environmental Methods and Assumptions Memorandum**

Completed as part of previous contract and anticipate no additional work.

#### **Subtask 4.7: Social and Land Use Impacts Technical Memorandum**

Completed as part of previous contract and anticipate no additional work.

#### **Subtask 4.8: Environmental Justice Technical Memorandum**

Completed as part of previous contract and anticipate no additional work.

#### **Subtask 4.9: NEPA Documentation and Approval**

Categorical Exclusions require a reevaluation if more than three years have elapsed since the last Federal Highway Administration (FHWA) action. The NEPA Categorical Exclusion Documentation Form was approved and signed by FHWA in April 2018. It will be more than four years in April of 2022 and therefore the project requires a reevaluation. The NEPA reevaluation will be completed in compliance with 23 CFR 771.129-130 and the 2019 Joint NEPA Re-evaluation Guidance for FHWA, FRA, and FTA, to determine whether existing documents adequately address environmental impacts of the project. There are two methods for documenting reevaluations: (1) preparing a letter or memo to the file or (2) create a new documentation form. WSP will coordinate with WSDOT Local Programs on the appropriate method for reevaluations. This task assumes that a memo will be sufficient to document that the project, conditions, regulations, and/or impacts have not changed for the reevaluation. The memo will include:

1. A clear statement of the reasons(s) for the reevaluation.
2. A summary of the impacts of the change(s), if any.
3. Updated or revised information supporting the determination that the original NEPA review is still valid.
4. A clear statement that the original NEPA review has been determined to still be valid.

#### **Assumptions:**

1. No changes to the project, conditions, regulations, or impacts have changed and a memo will be sufficient for the reevaluation. If it is determined that any of the environmental elements required new analysis, the contingency task will be authorized and a scope and fee for the required analysis will be prepared.
2. WSDOT will lead the NEPA reevaluation with FHWA.

#### **Deliverables:**

1. Draft and final NEPA reevaluation memo

#### ***NEPA Documentation and Approval (Contingency)***

This task assumes that there will be project changes significant enough to warrant the need for preparing a new Categorical Exclusion Documentation Form used to document the NEPA reevaluation. The documentation form will be limited to just project changes and must be reviewed in combination with the

original NEPA documents. Sufficient information will be included in the documentation form about the previous project to detail the original NEPA documents.

Assumptions:

1. This task will only be completed with written authorization from the City.
2. Project changes will not result in a change that triggers the need for a complete ESA re-initiation. If project changes do warrant the need for re-initiation, then a separate scope and fee will be prepared.
3. Any need for Section 106 revised area of potential effects/determination of effect will be completed by others.
4. Any need for a revised noise analysis will be conducted by others.
5. Any need for a revised hazardous material analysis will be conducted by others.
6. Project changes will not result in a change that triggers the need for a complete environmental justice re-initiation. If project changes do warrant the need for re-initiation, then a separate scope and fee will be prepared.

Deliverables:

1. Draft and final Categorical Exclusion Documentation Form

**Subtask 4.10: SEPA Documentation and Approval**

Completed as part of previous contract and anticipate no additional work.

**Subtask 4.11: City Type 2 Application (Critical Areas Permit and Tree Permit)**

Completed as part of previous contract and anticipate no additional work.

**Subtask 4.12: Level 1 Hazardous Materials Assessment**

Completed as part of previous contract and anticipate no additional work.

**Subtask 4.13: Noise Analysis**

Completed as part of previous contract and anticipate no additional work.

**Subtask 4.14: Air Quality Analysis**

Completed as part of previous contract and anticipate no additional work.

**Subtask 4.15: Cultural Resource Analysis**

Completed as part of previous contract and anticipate no additional work.

**Subtask 4.16: EPA Sole Source Aquifer Checklist**

Completed as part of previous contract and anticipate no additional work.

**Task 5: Public Involvement and Agency Coordination**

**Subtask 5.1: Public Involvement Plan and Outreach Management**

Completed as part of previous contract and anticipate no additional work.

**Subtask 5.2: Stakeholder Interviews (Tier 1 Stakeholder Engagement)**

Completed as part of previous contract and anticipate no additional work.



**Subtask 5.3: Sounding Board Group Meetings (Tier 1 Stakeholder Engagement)**

Completed as part of previous contract and anticipate no additional work.

**Subtask 5.4: Communications and Media Relations (Tier 1-3 Stakeholder Engagement)**

Completed as part of previous contract and anticipate no additional work.

**Subtask 5.5: Project Website (Tier 1-3 Stakeholder Engagement)**

Completed as part of previous contract and anticipate no additional work.

**Subtask 5.6: Open Houses 1 and 2 (Tier 1-3 Engagement)**

Completed as part of previous contract and anticipate no additional work.

**Subtask 5.7: Open House 3**

After completion of the final construction design, PBS will conduct a final open house. The purpose of the meeting will be to present the proposed design, answer questions about the design, environmental impacts, any proposed mitigation, and any other issues of interest to the community.

The consultant will prepare materials for the open house, including exhibits (up to three total), comment forms/questionnaires, sign-in sheets, staff name tags, and meeting signage. The comment form will solicit comments from the meeting attendees. The consultant will prepare a summary of each meeting, including tabulation of the written comments received and will provide this to the City.

Assumptions:

1. PBS will identify and secure an appropriate venue (location) for the open house. Venue fees, if any, will be paid by the City. Venue locations will be approved by City Public Works Communications.
2. The City will provide key staff to attend the open house meeting.
3. Open house will be advertised through the posters and project mailers and through display advertising in the local newspaper.
4. The consultant team will include Spanish-speaking staff at the project open houses.
5. One round of city review of the meeting notes.
6. No new presentation boards will be prepared for this meeting.
7. The City will be responsible for advertisements in the local newspaper.

Deliverables:

1. Setup, staffing, and facilitation of three public open house meeting
2. Meeting notes (one electronic copy)
3. Meeting materials: sign-in sheets and comment forms (one electronic copy plus hardcopies for the meeting)
4. One summary of written comments received from the three open houses

## **Task 6: Project Management and Design Engineering Services During Construction**

The consultant during the construction of the project shall provide limited bidding and engineering services. The anticipated construction engineering services are described as follows:

### **Subtask 6.1: Pre-Bid Opening Responsibilities**

PBS will respond to questions from prospective bidders and city staff before bid opening in reference to the bid package.

### **Subtask 6.2: Pre-Construction Conference**

The City will provide notification of the pre-construction conference, provide location for the meeting, lead the pre-construction conference, and prepare meeting minutes. PBS will attend and participate in the pre-construction conference.

### **Subtask 6.3: Support During Construction**

PBS will provide limited construction Support (assumes 80 hours of effort):

1. Participating in project meetings. This scope assumes four meetings.
2. Responding to Requests for Information (RFIs), plan interpretation, and/or changes. (up to four RFIs included)

### **Subtask 6.4: Review Submittals**

PBS will review submittals that may include shop drawings, samples, traffic control plans, test reports, and other data submitted by the contractor for compliance with the information required by the contract documents (assumes 16 submittals).

### **Subtask 6.5: Structural Engineering Services during Bidding and Construction**

The consultant understands that the City will provide the construction administration services for the project, but the consultant will provide engineering services during bidding and construction to support the work elements designed by WSP, i.e., the bridge or culvert crossing, retaining walls, and sound walls. These services will consist of the following, with the assumed level of effort given in parentheses:

1. Assistance during bidding (response to one list of bidder inquiries and assistance with preparation of one addendum with no drawings required)
2. Submittal review (up to five submittals included)
3. Response to RFIs (up to four RFIs included)
4. Site visits (up to three site visits and site visit reports)
5. Post-construction bridge load rating

Assumptions:

1. As noted above
2. Participation in construction meetings is not included

Deliverables:

1. Electronic responses to bidder inquiries, submittals, and RFIs
2. Electronic site visit report memoranda
3. Bridge load rating documentation
4. Answer pre-bid questions

5. Attend pre-construction conference
6. Provide limited construction contract administration
7. Review construction contract submittals
8. Monitor permit requirements

### **City Deliverables to the Consultant**

#### *Sample Projects*

The City will provide copies of sample city projects, biological assessment documents, and design guidelines. The City will also provide electronic files of title blocks, ortho and aerial drawings, and standard details for streets, traffic signal, streetlighting, and other available details.

#### *Project Coordination*

The City will assist PBS in managing relationships with other jurisdictions involved in the project, adjacent property owners, and the public. The City will provide staff to meet and discuss the project with the consultant as needed. The City will provide written comments pertaining to the design submittals.

#### *Survey Work and Preliminary Plans*

The City will provide survey data, digital terrain modeling and alignment information to PBS in AutoCAD format. The City will provide the consultant with a preliminary design for the project.

#### *Right-of-Way*

The City will provide the ROW commitments to PBS.

#### *Streetlight and Traffic Signal Requirements*

The City will provide the illumination type, the minimum illumination levels, and uniformity ratios to be used in the project design. The City will also provide traffic signal design concepts, standards, and policies, including traffic interconnect schemes as needed.

#### **Deliverables:**

1. Sample projects
2. Project coordination
3. Survey work and preliminary plans
4. ROW commitments to PBS
5. Utility list
6. Streetlight and traffic signal requirements





**Washington State  
Department of Transportation**

**Development Division**  
Contract Services Office  
PO Box 47408  
Olympia, WA 98504-7408  
7345 Linderson Way SW  
Tumwater, WA 98501-6504

TTY: 1-800-833-6388  
[www.wsdot.wa.gov](http://www.wsdot.wa.gov)

October 4, 2021

PBS Engineering and Environmental, Inc.  
214 E Galer Street, Suite 300  
Seattle, WA 98102

Subject: Acceptance FYE 2020 ICR – CPA Report

Dear Nicole Edmondson:

We have accepted your firms FYE 2020 Indirect Cost Rate (ICR) of 180.06% of direct labor (rate includes 0.51% Facilities Capital Cost of Money) based on the “Independent CPA Report,” prepared by Stambaugh Ness. This rate will be applicable for WSDOT Agreements and Local Agency Contracts in Washington only. This rate may be subject to additional review if considered necessary by WSDOT. Your ICR must be updated on an annual basis.

Costs billed to agreements/contracts will still be subject to audit of actual costs, based on the terms and conditions of the respective agreement/contract.

This was not a cognizant review. Any other entity contracting with the firm is responsible for determining the acceptability of the ICR.

If you have any questions, feel free to contact our office at **(360) 705-7019** or via email [consultantrates@wsdot.wa.gov](mailto:consultantrates@wsdot.wa.gov).

Regards;

A handwritten signature in blue ink that reads "Erik K. Jonson".

ERIK K. JONSON  
Contract Services Manager

EKJ:ah

**PBS Engineering and Environmental Inc.**

**NE 137th Avenue Corridor Completion Project  
49th Street to Fourth Plain Boulevard Fee Schedule**

5/24/2022

| Labor Category                                          | Max Salary<br>Hourly | Overhead<br>180.06% | Profit 30% | Calculated<br>Billing Rate | 2022 Actual<br>Rate |
|---------------------------------------------------------|----------------------|---------------------|------------|----------------------------|---------------------|
|                                                         |                      | <b>180.06%</b>      | <b>30%</b> |                            |                     |
| Principal Scientist/Planner                             | \$ 73.74             | \$ 132.78           | \$ 22.12   | \$ 228.64                  | \$ 210.00           |
| Principal Hydrogeologist                                | \$ 66.88             | \$ 120.42           | \$ 20.06   | \$ 207.36                  | \$ 207.00           |
| Sr. Hydrogeologist II                                   | \$ 70.00             | \$ 126.04           | \$ 21.00   | \$ 217.04                  | \$ 160.00           |
| Sr. Scientist/Planner I                                 | \$ 53.00             | \$ 95.43            | \$ 15.90   | \$ 164.33                  | \$ 155.00           |
| Sr. Environmental/Regulatory Specialist                 | \$ 52.88             | \$ 95.22            | \$ 15.87   | \$ 163.97                  | \$ 150.00           |
| Sr. Env Compliance Monitor                              | \$ 43.05             | \$ 77.52            | \$ 12.92   | \$ 133.48                  | \$ 130.00           |
| Project Scientist/Planner I                             | \$ 34.86             | \$ 62.77            | \$ 10.46   | \$ 108.09                  | \$ 108.00           |
| Project Env. Regulatory Specialist                      | \$ 40.58             | \$ 73.07            | \$ 12.17   | \$ 125.82                  | \$ 125.00           |
| Project Env. Compliance Monitor                         | \$ 41.65             | \$ 74.99            | \$ 12.50   | \$ 129.14                  | \$ 125.00           |
| Project Geologist I                                     | \$ 34.86             | \$ 62.77            | \$ 10.46   | \$ 108.09                  | \$ 108.00           |
| Project Geologist II                                    | \$ 37.58             | \$ 67.67            | \$ 11.27   | \$ 116.52                  | \$ 116.00           |
| Sr. Geologist I                                         | \$ 39.93             | \$ 71.90            | \$ 11.98   | \$ 123.81                  | \$ 123.00           |
| Sr. Geologist II                                        | \$ 49.14             | \$ 88.49            | \$ 14.74   | \$ 152.37                  | \$ 152.00           |
| Sr. Geologist III                                       | \$ 58.86             | \$ 105.98           | \$ 17.66   | \$ 182.50                  | \$ 180.00           |
| Staff Geologist I                                       | \$ 29.22             | \$ 52.61            | \$ 8.77    | \$ 90.60                   | \$ 90.00            |
| Staff Geologist II                                      | \$ 31.20             | \$ 56.18            | \$ 9.36    | \$ 96.74                   | \$ 96.00            |
| Staff Scientist/Planner I                               | \$ 28.00             | \$ 50.42            | \$ 8.40    | \$ 86.82                   | \$ 86.00            |
| Staff Scientist/Planner II                              | \$ 31.00             | \$ 55.82            | \$ 9.30    | \$ 96.12                   | \$ 96.00            |
| Field Scientist/Planner                                 | \$ 27.59             | \$ 49.68            | \$ 8.28    | \$ 85.55                   | \$ 85.00            |
| Public Involvement I                                    | \$ 29.22             | \$ 52.61            | \$ 8.77    | \$ 90.60                   | \$ 90.00            |
| Public Involvement II                                   | \$ 34.09             | \$ 61.38            | \$ 10.23   | \$ 105.70                  | \$ 105.00           |
| Public Involvement III                                  | \$ 38.96             | \$ 70.15            | \$ 11.69   | \$ 120.80                  | \$ 120.00           |
| Public Involvement IV                                   | \$ 47.09             | \$ 84.79            | \$ 14.13   | \$ 146.01                  | \$ 140.00           |
| Public Involvement Manager                              | \$ 63.10             | \$ 113.62           | \$ 18.93   | \$ 195.65                  | \$ 160.00           |
| Principal Engineer                                      | \$ 100.96            | \$ 181.79           | \$ 30.29   | \$ 313.04                  | \$ 240.00           |
| Engineer VIII                                           | \$ 81.73             | \$ 147.16           | \$ 24.52   | \$ 253.41                  | \$ 205.00           |
| Engineer VII                                            | \$ 74.52             | \$ 134.18           | \$ 22.36   | \$ 231.05                  | \$ 190.00           |
| Engineer VI                                             | \$ 62.02             | \$ 111.67           | \$ 18.61   | \$ 192.30                  | \$ 175.00           |
| Engineer V                                              | \$ 53.87             | \$ 97.00            | \$ 16.16   | \$ 167.03                  | \$ 163.00           |
| Engineer IV                                             | \$ 50.48             | \$ 90.90            | \$ 15.14   | \$ 156.52                  | \$ 152.00           |
| Engineering Staff III                                   | \$ 44.47             | \$ 80.07            | \$ 13.34   | \$ 137.89                  | \$ 137.00           |
| Engineering Staff II                                    | \$ 37.98             | \$ 68.39            | \$ 11.39   | \$ 117.76                  | \$ 117.00           |
| Engineering Staff I                                     | \$ 33.65             | \$ 60.59            | \$ 10.10   | \$ 104.34                  | \$ 104.00           |
| Engineering Technician                                  | \$ 33.00             | \$ 59.42            | \$ 9.90    | \$ 102.32                  | \$ 100.00           |
| Design Technician IV                                    | \$ 44.23             | \$ 79.64            | \$ 13.27   | \$ 137.14                  | \$ 135.00           |
| Design Technician III                                   | \$ 40.58             | \$ 73.07            | \$ 12.17   | \$ 125.82                  | \$ 125.00           |
| Engineering Geologist                                   | \$ 51.44             | \$ 92.63            | \$ 15.43   | \$ 159.50                  | \$ 135.00           |
| Landscape/Planning II                                   | \$ 27.00             | \$ 48.62            | \$ 8.10    | \$ 83.72                   | \$ 83.00            |
| Landscape/Planning III                                  | \$ 35.71             | \$ 64.30            | \$ 10.71   | \$ 110.72                  | \$ 110.00           |
| Landscape/Planning IV                                   | \$ 40.58             | \$ 73.07            | \$ 12.17   | \$ 125.82                  | \$ 125.00           |
| Landscape/Planning V                                    | \$ 45.67             | \$ 82.24            | \$ 13.70   | \$ 141.61                  | \$ 140.00           |
| Landscape/Planning VI                                   | \$ 52.90             | \$ 95.25            | \$ 15.87   | \$ 164.02                  | \$ 160.00           |
| Construction Inspector II                               | \$ 29.43             | \$ 52.99            | \$ 8.83    | \$ 91.25                   | \$ 91.00            |
| Construction Inspector I                                | \$ 32.46             | \$ 58.45            | \$ 9.74    | \$ 100.65                  | \$ 100.00           |
| Construction Inspector III                              | \$ 40.58             | \$ 73.07            | \$ 12.17   | \$ 125.82                  | \$ 125.00           |
| Construction Inspector IV                               | \$ 43.83             | \$ 78.92            | \$ 13.15   | \$ 135.90                  | \$ 135.00           |
| Construction Inspector V                                | \$ 47.07             | \$ 84.75            | \$ 14.12   | \$ 145.95                  | \$ 145.00           |
| Construction Inspector VI                               | \$ 51.94             | \$ 93.52            | \$ 15.58   | \$ 161.05                  | \$ 160.00           |
| Survey VII                                              | \$ 60.10             | \$ 108.22           | \$ 18.03   | \$ 186.35                  | \$ 180.00           |
| Survey VI                                               | \$ 48.41             | \$ 87.17            | \$ 14.52   | \$ 150.11                  | \$ 150.00           |
| Survey V                                                | \$ 46.63             | \$ 83.97            | \$ 13.99   | \$ 144.60                  | \$ 144.00           |
| Survey IV                                               | \$ 36.50             | \$ 65.72            | \$ 10.95   | \$ 113.17                  | \$ 113.00           |
| Survey III                                              | \$ 35.50             | \$ 63.92            | \$ 10.65   | \$ 110.07                  | \$ 110.00           |
| Survey II                                               | \$ 34.00             | \$ 61.22            | \$ 10.20   | \$ 105.42                  | \$ 105.00           |
| Survey I                                                | \$ 27.55             | \$ 49.61            | \$ 8.27    | \$ 85.42                   | \$ 85.00            |
| Survey 2-person Crew (Survey I + Survey II + Equipment) |                      |                     |            |                            | \$ 205.00           |
| Unmanned Aircraft System Operator                       | \$ 39.41             | \$ 70.96            | \$ 11.82   | \$ 122.19                  | \$ 122.00           |
| IT / Data Management                                    | \$ 51.97             | \$ 93.58            | \$ 15.59   | \$ 161.14                  | \$ 120.00           |
| CAD Manager                                             | \$ 43.83             | \$ 78.92            | \$ 13.15   | \$ 135.90                  | \$ 135.00           |
| Project Administrator II                                | \$ 30.80             | \$ 55.46            | \$ 9.24    | \$ 95.50                   | \$ 95.00            |
| Project Administrator III                               | \$ 35.70             | \$ 64.28            | \$ 10.71   | \$ 110.69                  | \$ 110.00           |
| CAD/Microstation Tech I                                 | \$ 27.50             | \$ 49.52            | \$ 8.25    | \$ 85.27                   | \$ 85.00            |
| Graphic Artist                                          | \$ 41.62             | \$ 74.94            | \$ 12.49   | \$ 129.04                  | \$ 110.00           |
| Writer/Editor                                           | \$ 35.47             | \$ 63.87            | \$ 10.64   | \$ 109.98                  | \$ 105.00           |
| Administration                                          | \$ 31.00             | \$ 55.82            | \$ 9.30    | \$ 96.12                   | \$ 95.00            |

06/13/22  
06/27/22

ORDINANCE M - \_\_\_\_\_

AN ORDINANCE authorizing the City Manager or designee to execute a contract amendment with PBS Engineering and Environmental, Inc. (hereinafter “Contractor”), for the provision of design, permitting, and construction support services; providing required Terms that such contract amendment be for a term of not more than five (5) years; providing for severability; and setting an effective date.

WHEREAS, the City Council previously approved a professional services agreement with the Contractor (formerly HDJ Design Group, RFQ #2-14, Staff Report 060-14 on June 9, 2014) for design, environmental documentation, and project coordination, for the improvement of NE 137th Avenue from NE 49th Street to NE Fourth Plain Boulevard, and the design and right-of-way acquisition is currently at 75% complete; and

WHEREAS, although the agreement with the Contractor was intended to use available grant funding only up to the 75% complete level, since the time when the original agreement was executed, the City has received additional federal grants to help fund the right-of-way acquisition and construction phases and allow final design efforts to be fully completed; and

WHEREAS, approval of this amendment for the contract with PBS Engineering and Environmental, Inc., will keep the work with the same consulting team and streamline the process, while remaining consistent with the original Request for Qualifications; and

**ORDINANCE - 1**

Does not require codification

WHEREAS, if the requested amendment is approved, construction of the NE 137<sup>th</sup> Avenue project from NE 49<sup>th</sup> Street to NE Fourth Plain Boulevard would start in summer 2023; and

WHEREAS, upon execution of an Ordinance, the City Council has the authority to approve contracts involving the payment of money with a duration of more than five (5) years pursuant to City Charter Section 11.05; and

WHEREAS, the City wishes to obtain design, permitting, and construction support services from PBS Environmental and Engineering, Inc., pursuant to appropriate terms.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY OF VANCOUVER:

**Section 1.** Approval. The City Manager or designee is hereby authorized to execute a contract amendment with PBS Environmental and Engineering, Inc., for provision of design, permitting, and construction support services as described more fully within Staff Report No. \_\_\_\_\_, which is hereby incorporated by this reference as if set forth fully herein in factual support of this Ordinance.

**Section 2.** Terms. The term of such contract amendment shall be for not more than five (5) years.

**Section 3.** Severability. If any clause, sentence, paragraph, section, or part of this ordinance or the application thereof to any person or circumstances shall be adjudged by any court of competent jurisdiction to be invalid, such order or judgment shall be confined in its operation to the controversy in which it was rendered and shall not affect or invalidate the remainder of any parts thereof to any other person or circumstances and to this end the

## **ORDINANCE - 2**

Does not require codification



provisions of each clause, sentence, paragraph, section or part of this law are hereby declared to be severable.

**Section 4.** Effective Date. This ordinance shall go into effect five (5) days after its passage.

Read First Time:

Ayes: Councilmembers  
Nays: Councilmembers  
Absent: Councilmembers

Read Second Time:

Ayes: Councilmembers  
Nays: Councilmembers  
Absent: Councilmembers

SIGNED this \_\_\_\_\_ day of \_\_\_\_\_, 2022.

\_\_\_\_\_  
Anne McEnery-Ogle, Mayor

Attest:

\_\_\_\_\_  
Natasha Ramras, City Clerk

**ORDINANCE - 3**

Does not require codification

Approved as to form:

---

Jonathan Young, City Attorney

**ORDINANCE - 4**

Does not require codification

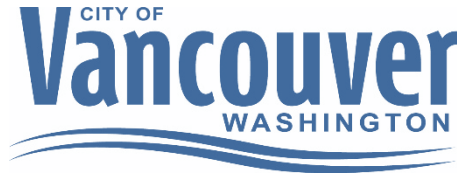
## SUMMARY

ORDINANCE M-\_\_\_\_\_

AN ORDINANCE authorizing the City Manager or designee to execute a contract amendment with PBS Engineering and Environmental, Inc. (hereinafter “Contractor”), for the provision of design, permitting, and construction support services; providing required Terms that such contract amendment be for a term of not more than five (5) years; providing for severability; and setting an effective date. The full text of this ordinance will be mailed upon request. Contact Raelyn McJilton, Records Officer at (360) 487-8799, or via [www.cityofvancouver.us](http://www.cityofvancouver.us) (Go to City Government and Public Records).

### **ORDINANCE - 5**

Does not require codification



**DATE:** May 31, 2022

**TO:** Anne McEnerny-Ogle, Mayor  
City Council

**FROM:** Eric J. Holmes, City Manager  
Rebecca Small, Senior Policy Analyst

**RE: Boards and Commissions Update**

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One of the priorities for the City Council this biennium is to update our Boards and Commissions process. There are two primary aspects of this update:

- **Revise and update** Council Policy [100-06](#) to incorporate new process and policy language in support of greater diversity, equity and inclusion in our boards and commissions.
- **Periodic review of Boards & Commissions**, including development and pursuit of a work program consistent with Section 6.4 of Policy 100-06, which calls for periodic review of boards and commissions.
- **Incorporating a Youth perspective**, through a pilot approach on the Urban Forestry Commission, the Parks and Recreation Advisory Commission and the Arts and Culture Commission.

#### **Update to Policy 100-06**

The City Council has held several workshops regarding revisions to this policy, culminating in the anticipated adoption of changes on June 6. The revised policy incorporates an approach to recruitment and selection for community members to serve on boards and commissions that further supports the City's DEI objectives as well as themes from the Task Force on Council Representation. It is important to note that appointments to boards and commissions are at the discretion of the City Council. While it is best practice for the City Council to institutionalize in policy approaches and mechanisms that support greater equity and inclusion in our advisory and governing board systems, there is currently nothing prohibiting the council from seeking diverse perspectives as they consider appointing community members to board and commission vacancies.

It is expected to take several years to fully implement new policies relative to board and commission composition. This is due to the length and staggering of terms of current members.

### **Periodic Review of Boards and Commissions**

Per Section 6.4 of Council Policy 100-06, the City Manager, in consultation with the Mayor and Mayor Pro-Tem, is to conduct a review of all established boards, commissions, and committees every four years. The review will examine the bodies' purpose and compliance with their respective bylaws, Vancouver Municipal Code, Council policy, and other pertinent governing documents and legislation.

Council may modify the scope of the review to include additional topics, such as the effectiveness of the body and interaction between the body and Council. Annually, the City Manager will prepare a report to the Council summarizing the findings of the review, including any recommended actions.

Consistent with the policy, a review schedule has been developed in consultation with the Mayor and Mayor Pro-Tem. Given the number of boards and commissions the city has, it will not be practical to review them all simultaneously.

Anticipated considerations in establishing priority and schedule for review include:

- Enabling authority for each board
- Scope of City authority relative to each board
- If of another agency, the importance and relevance of the City's continued participation
- Type of board (advisory, authority, corporate)
- Mandate for each board, if any
- Scope of board authority
- Degree of imminence to current and near-term issues facing the City for which the board has some responsibility
- Recent history of review of each board, if any
- Process and timing of making changes relative to enabling document (i.e. City Charter)

A proposed schedule is presented below. The schedule takes into account the context of other review processes, cycles of activity, the enabling environment of each board and commission (local ordinance, charter, state law), and the timing of the most recent review or establishment.

#### Proposed schedule for review of City Boards and Commissions

| Year | Boards and Commissions                                                                                                                                                                                                                                                                                                                                                                                      |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2022 | <ul style="list-style-type: none"> <li>• <u>Planning Commission</u></li> <li>• <u>Urban Forestry Commission</u></li> <li>• <u>Parking Advisory Committee</u></li> <li>• <u>Clark County Historic Preservation Commission</u></li> <li>• <u>Consideration of potential new commissions:</u> <ul style="list-style-type: none"> <li>○ Housing (2022)</li> <li>○ Human Rights (2023-24)</li> </ul> </li> </ul> |
| 2023 | <ul style="list-style-type: none"> <li>• <u>City Center Redevelopment Authority Board</u></li> <li>• <u>Salary Review Commission</u></li> <li>• <u>Parks and Recreation Advisory Commission</u></li> <li>• <u>Downtown Redevelopment Authority Board</u></li> <li>• <u>Vancouver Public Facilities District Board</u></li> </ul>                                                                            |
| 2024 | <ul style="list-style-type: none"> <li>• <u>Building-Fire Code Commission</u></li> <li>• <u>Vancouver Housing Authority Board of Commissioners</u></li> <li>• <u>Civil Service Commission</u></li> <li>• <u>Culture, Arts and Heritage Commission</u></li> </ul>                                                                                                                                            |
| 2025 | <ul style="list-style-type: none"> <li>• <u>City/County Telecommunications Commission</u></li> <li>• <u>Lodging Tax Advisory Committee</u></li> <li>• <u>Aviation Advisory Committee</u></li> </ul>                                                                                                                                                                                                         |

Prior to commencing the review process, a communications plan will be developed to ensure that board/commission members are familiar with the purposes for the review, the steps in the process, and the information that will be required of them.

#### Information Gathering for Review

Some combination of the following elements are proposed:

- **Survey to members** of board/commission to assess participants' experience with the group and their sense of the group's influence on City matters.
- **Survey to board/commission president, leader, or convener** to review their impressions of the effectiveness of the body and the interaction between the body and Council.
- The board/commission as a whole **discusses and analyses its performance** over the past four years including suggestions for change or improvement. (Members with less than four complete years of service may provide feedback based on the duration of their time to date serving on the board/commission).

- **Interviews with 1-2 community stakeholders** whose work is affected or influenced by the decisions of the board/commission for their assessment of whether the group respects their views and interests.
- **Interviews with up to 3 City staff (including the board/commission's staff liaison) and Council members** for a review of the subjects they've discussed with the board in the past four years and an assessment of the board/commission's fulfillment of its purpose.
- **Interview with the president, leader, or convener of the board/commission** to review the subjects they've engaged with over the past four years, an assessment of their interaction with City staff and Council, and the perceived fulfillment of their group's purpose. In the event that the convener has served in their role for less than four years, another member of the group with more years of service may also be interviewed to provide a full context.
- Interviews with Council Members to review how Council has heard feedback from the board/commission.
- **Staff assessment** (including DEI staff) of the group's incorporation of **DEI principles**.
- Duplication/overlap testing to assess whether the board/commission under review has redundancy in mission or functions with other existing boards or commissions.
- An assessment of compliance with the specified term limits for board/commission members as specified in Council Policy 100-06 Section 4.2 and the appropriateness of those term limits for the role in question.

## Reporting

City staff shall compile the results of the information gathering. In the interest of accountability and transparency, these results will be shared with the president/leader of the board or commission being reviewed before full results are presented to Council.

The report should identify the following

- An assessment of the group's adherence to bylaws, Vancouver Municipal Code, Council policy, and other pertinent governing documents and legislation
- A list of relevant issues and subjects that the group has addressed since its last review
- Internal and external perceptions of the group's ability to fulfill its purpose
- Notable achievements
- Barriers to success or fulfillment of purpose
- Need for ongoing service from board or commission

The report will be presented by the City Manager at a City Council workshop.

## DEI Principles

Through the review process, staff will seek to ensure that DEI principles and approaches are upheld in all city boards, commissions, and committees. The concepts and frameworks below reflect intentional consideration of practices that are critical to effective, equitable, and inclusive public involvement.

*Accountability:* Accountability refers to how individuals and communities hold themselves to their goals and actions and acknowledge the values and groups to which they are responsible. Any body formed by the City is an opportunity to build credibility and trust with community

stakeholders. Accountability in these structures is a foundational element of equitable engagement.

*Meaningful involvement:* Meaningful involvement reflects stakeholders' opportunity to participate in decisions about activities that may affect them. It ensures that the public can influence decisions, that their concerns will be considered throughout processes, and that decision-makers intentionally seek out and facilitate the involvement of those most negatively impacted by disparities in outcomes and decisions.

*Diverse Representation:* The makeup of bodies convened by the City should reflect the demographic diversity of the city across race/ethnicity, gender, socioeconomic status, geography, housing status (i.e., renter or homeowner), and areas of expertise. When selecting members, the Council has the opportunity to elevate communities that have historically been excluded from public decision-making processes. These include "underserved communities" that can be defined in many ways, but typically include populations that have experienced systemic and institutional barriers resulting in disparate outcomes (health, education, housing, employment, etc.). These populations may include communities of color, LGBTQ+ communities, low-income communities, people with disabilities, and those who are unhoused.

*Equity:* Broadly, equity can be defined by concepts of fairness or justice in the way people are treated. It ensures that all communities have the resources and support they need to reach their full potential. In the context of stakeholder involvement, equitable approaches center the voices of those most impacted, identify and analyze the unique needs of specific populations in relation to an issue or decision, and ensure that identity (e.g., race or ethnicity) is not a predictor of outcomes.

### **Future Reviews**

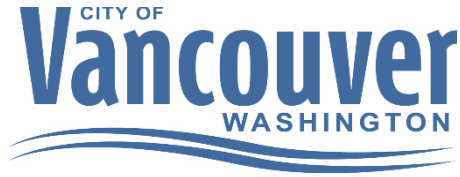
City Boards and Commissions shall be reviewed every 4 years to determine whether the purpose for which the board or commission was established is being fulfilled, needs refinement or whether a need for such board, commission or similar body still exists.

### **Incorporating a Youth Perspective**

During the May 16 Council Communications, the Council discussed approaches to incorporating a youth perspective into our boards and commissions. The Council consensus was to pilot this beginning with the Urban Forestry Commission (UFC), the Parks and Recreation Advisory Commission (PRAC) and the Culture, Arts and Heritage Commission (CAHC).

The commissions selected for this pilot approach provide a good cross-section of board types for us to explore the incorporation of a youth perspective. The UFC is solely a creature of the municipal code, while the PRAC is mandated by the City Charter and the CAHC was created as a public development authority. Staff will explore and develop options to incorporate the youth perspective, many of which may not require legislative action at all.





**DATE:** May 31, 2022

**TO:** Anne McEnerny-Ogle, Mayor  
City Council

**FROM:** Eric J. Holmes, City Manager

**RE:** **County-wide criminal justice sales tax**

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### **Executive Summary**

On May 3, the Clark County Council passed a resolution placing a 0.1% county-wide sales tax on the August primary ballot. The County Council held a public meeting on May 23, inviting all cities in Clark County to participate. This meeting conflicted with a Vancouver City Council meeting; Deputy City Manager Lisa Brandl attended as an observer.

The Clark County Council has asked the City Councils of cities in the County to pass resolutions endorsing the tax. Attached for Council's reference is a draft resolution prepared by Clark County, as well as a spreadsheet summarizing the forecasted proceeds from the tax, their distribution, and intended use of the County's share by the County.

As Council considers the implications of this tax proposed by the County, it may be useful to consider the context of other City funding needs that are expected to surface over the longer-term horizon, but within our 6-year forecast period. These include:

- Affordable Housing Fund renewal (2023)
- Parks, Recreation and Cultural funding (timing unknown)
- Police funding (timing unknown, but if a county-wide tax passes as proposed would postpone the urgency of this)
- Transportation and mobility funding (timing unknown)

### **Background**

The revenue proposal placed on the ballot has a particular structure under the authorizing statute, would result in significant new revenues which would carry with them some limits on their use.

### **Tax structure**

The sales tax placed on the August ballot is authorized by [RCW 82.14.450: Sales and use tax for counties and cities](#). State law allows this tax to be imposed – subject to a vote of the electorate - by either cities

or counties at rate of up to 0.3%. Depending on who imposes the tax first, there are revenue sharing requirements under state statute. Under the approach chosen by the County, 60% of the revenues are retained by the County, and 40% are distributed to cities within the county on a per capital basis.

The statute that authorizes this tax does not allow for cities to “opt out”, nor does it preclude the City from seeking voter approval of its own tax under the same statute PROVIDED the combined tax rate of City and County does not exceed 0.3%. If the City chose to pursue a future voter approved measure to implement this tax under the same statute, it would be subject to revenue sharing provisions that require 15% of proceeds to be shared with the County, and 85% retained by the City.

If passed by voters, this would raise the total sales tax rate in the City of Vancouver to 8.6%, with a distribution breakdown as follows:

| Jurisdiction                                    | Rate %     |
|-------------------------------------------------|------------|
| State of Washington                             | 6.5        |
| City of Vancouver – General                     | 1.0        |
| City of Vancouver – Affordable Housing          | 0.1        |
| CTRAN                                           | 0.7        |
| Clark County (includes the newly proposed 0.1%) | 0.3        |
| <b>TOTAL</b>                                    | <b>8.6</b> |

*Note: A total of 15% of the City’s sales tax revenue is shared with Clark County for administrative purposes.*

### Estimated Revenues

The County estimates a total annual revenue of \$12 million in 2023, of which 40% - or \$4.8 million, would be distributed to cities on a per capita basis. The County estimates that the portion of revenues that would be distributed to Vancouver in 2023 would be approximately \$3.38 million. A spreadsheet of these estimates prepared by Clark County is attached for Council’s reference. If Vancouver were to impose a 0.1% sales tax on its own, it would yield approximately \$5.8 million annually, or more than the city’s per capital share of this proposal. A spreadsheet reflecting this comparison for all communities in Clark County is attached for Council’s reference.

There is no sunset provision on this ballot measure, and if approved by voters would continue in perpetuity.

### Limits on Use

One-third of all revenues generated by this sales tax must be used solely for criminal justice purposes, fire protection purposes, or both. All other revenues may be used for any other lawful government purpose. Under this statute, "criminal justice purposes" has the same meaning as provided in RCW [82.14.340](#), which reads:

*Criminal justice purposes are defined as activities that substantially assist the criminal justice system, which may include circumstances where ancillary benefit to the civil justice system*

*occurs, and which includes domestic violence services such as those provided by domestic violence programs, community advocates, and legal advocates, as defined in RCW [70.123.020](#). After May 13, 2021, through December 31, 2023, criminal justice purposes includes local government programs which have a reasonable relationship to reducing the numbers of people interacting with the criminal justice system including, but not limited to, reducing homelessness or improving behavioral health.*

This item is noted under City Manager Communications on June 6, where staff will seek direction as to whether the Council would like to consider a resolution regarding this proposed tax by the County.

Attachments:

- County ballot resolution
- County-prepared draft resolution of endorsement
- Spreadsheet of projected revenues and distribution of funds
- Communications from Clark County Chair Bowerman following May 23 informational meeting.

**RESOLUTION NO.**

A RESOLUTION relating to support for the ballot proposition to impose a  
-tenth(s) of 1% sales and use tax for public safety and criminal justice  
purposes pursuant to RCW 82.14.450.

WHEREAS, public safety is critical to creating and maintaining a vibrant and  
livable community, and our law enforcement and criminal justice employees are essential  
to protecting public safety; and

WHEREAS, the need for public safety is universal and not the burden of one  
particular jurisdiction. [Name of Jurisdiction] partners with other law enforcement  
agencies in Clark County to work together to protect public safety; and

WHEREAS, law enforcement and criminal justice costs are increasing; and

WHEREAS, the Clark County Council is proposing to the voters at the August  
2022 primary election consideration of a -tenth(s) of 1% sales and use tax  
pursuant to RCW 82.14.450 for public safety and criminal justice purposes. If approved,  
40% of the funding will be distributed to the cities in Clark County, including [Name of  
Jurisdiction].

NOW, THEREFORE,

BE IT ORDERED AND RESOLVED BY THE [Name of Jurisdiction]  
COUNCIL, STATE OF WASHINGTON, AS FOLLOWS:

22           The [Name of Jurisdiction] City Council supports the proposition to the voters of  
23   the county for consideration of the \_\_\_\_\_-tenth(s) of 1% sales and use tax for public  
24   safety and criminal justice purposes.

25           [Consider adding content here about how the jurisdiction may utilize these funds  
26   in their city.]

ADOPTED on this \_\_\_\_\_ day of \_\_\_\_\_, 2022.

27

**From:** [Kristin Phillips](#) on behalf of [Karen Bowerman](#)  
**To:** [Rebecca Messinger](#); [Karen Bowerman](#); [Temple Lentz](#); [Julie Olson](#); [Gary Medvigy](#); [Richard Rylander](#); [Kathleen Otto](#); [Tina Redline](#); [Lindsey Hueer](#); [Christine Cook](#); [Michelle Pfennig](#); [Marilee McCall](#); [Leslie Lopez](#)  
**Cc:** [Karen Bowerman](#); [Adrian Cortes](#) - City of Battle Ground; [McEnerny-Ogle, Anne](#); [Hansen, Bart](#); [Bonnie Carter](#) - City of Camas; [Cherish Desrochers](#) - City of Battle Ground; [David Scott](#) - City of Washougal; [David Stuebe](#) - City of Washougal; [Perez, Diana](#); [Don Chaney](#); [Elizabeth Cerveney](#) - City of La Center; [Holmes, Eric](#); [Paulsen, Erik](#); [Erin Erdman](#) - City of Battle Ground; [Ernie Suggs](#) - City of Washougal; [Greg Anderson](#) - City of Camas; [Greg Thornton](#) - City of La Center; [Janice Killion](#) - City of Washougal; [Jeff Swanson](#) - City of Camas; [Jennifer Lindsay](#) - City of Ridgefield; [Judy Chipman](#) - City of Ridgefield; [Julie Russell](#) - City of Washougal; [KC Kasberg](#) - City of La Center; [Harless, Kim](#); [Lee Wells](#) - City of Ridgefield; [Leslie Jewallen](#) - City of Camas; [Marilyn Boerke](#) - City of Camas; [Matt Cole](#) - City of Ridgefield; [Melissa Fox](#) - City of La Center; [Michelle Wagner](#) - City of Washougal; [Molly Coston](#) - City of Washougal; [Philip Johnson](#) - City of Battle Ground; [Rachel Coker](#) - City of Ridgefield; [Rob Aichele](#) - City of Ridgefield; [Rochelle Ramos](#) - City of Washougal; [Ron Onslow](#) - City of Ridgefield; [Fox, Sarah](#); [Sean Boyle](#) - City of La Center; [Shane Bowman](#); [Shannon Roberts](#) - City of Camas; [Shauna Walters](#) - City of Battle Ground; [Steve Hogan](#) - City of Camas; [Steve Stuart](#) - City of Ridgefield; [Thomas Strobehn](#) - City of La Center; [Tim Heim](#) - City of Camas; [Troy McCoy](#) - City of Battle Ground; [Stober, Ty](#); [Tricia Davis](#) - City of Battle Ground; [thein@cityofcamas.us](#); [heatherleestuart@gmail.com](#)  
**Subject:** Public Safety Sales Tax Conversation Follow Up  
**Date:** Tuesday, May 31, 2022 4:10:31 PM  
**Attachments:** [Public Safety Sales Tax-Comparison.xlsx](#)  
[Public Safety Sales Tax Info.docx](#)

**CAUTION:** This email originated from outside of the City of Vancouver. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear City Councilors and other Clark County City attendees,

Thank you for the opportunity to talk with you last week about the Public Safety Sales Tax. This communication is through County staff so that responses from both Mark Gassaway and me are integrated. If there is anything further that I can provide any time, feel free to email [karen.bowerman@clark.wa.gov](mailto:karen.bowerman@clark.wa.gov) or call my County cell at 360.798.5474.

1. **POSSIBLE USES BY CITIES FOR THE FUNDS** How the County uses its share need not influence how the cities use their shares; cities have much leeway offered by RCW as explained on pages 75-6 of the March 2022 Revenue Guide for Washington Counties (yellow highlights are mine):

“PUBLIC SAFETY SALES TAX -- At least one-third of the revenue must be used solely for criminal justice purposes (as defined in RCW 82.14.340), fire protection purposes, or both. The statute does not provide a specific definition of “fire protection purposes,” but it defines “criminal justice purposes” as: [A]ctivities that substantially assist the criminal justice system, which may include circumstances where ancillary benefit to the civil justice system occurs, and which includes domestic violence services such as those provided by domestic violence programs, community advocates, and legal advocates, as defined in RCW 70.123.020 Revenue Guide for Washington Counties | MARCH 2022 76 Table of Contents. The remaining two-thirds are unrestricted and may be used for any lawful governmental purpose, but must be spent in accordance with the purpose(s) specified in the ballot measure.

Use of Revenues E2SHB 1069, the “fiscal flexibility bill” adopted in response to the COVID-19 pandemic, temporarily expands the use of “criminal justice purposes” to include local government programs which have a reasonable relationship to reducing the numbers of people interacting with the criminal justice system including, but not limited to, reducing homelessness or improving behavioral health. This provision expires December 31, 2023.” Further information is provided at the bottom of the spreadsheet under the tab “City Split” provided by Mark.

Ballot Measure Requirements: According to Resolution 2022-05-03 passed on May 3, 2022, the Clark County ballot measure states the purposes for which the tax is to be used as follows – “the purpose of the measure is to increase funding for public safety and criminal justice costs in Clark County, including but not limited to, funding of body worn cameras, increased staffing for the Sheriff’s Office, and other expenses....”

2. **HOW WILL THE COUNTY USE ITS SHARE OF THE FUNDS?** The County will adhere to the requirements set out in the ballot measure: “the purpose of the measure is to increase funding for public safety and criminal justice costs in Clark County, including but not limited to, funding of body worn cameras, increased staffing for the Sheriff’s Office, and other expenses....” We have already prepared detailed information on the ongoing funding to support body worn and dash cameras. The best use of funds for increased staffing for the Sheriff’s Office, particularly in Corrections, and other expenses, particularly related to a jail upgrade, are being developed. Clark County Council will be developing a detailed spreadsheet showing the line item detail of how the County would use its share of the funds. That information will be shared with transparency to all of you and to all of our voters as soon as it is available.

Sincerely,  
*Karen Dill Bowerman*

Link to the May 23, 2022 meeting: <https://www.youtube.com/watch?v=IchuLSJ-CRQ>

Based on the discussion with the Cities on Monday, May 23, I prepared a comparison of what the estimated distribution of a .1% sales tax would look like with the Public Safety Sales Tax (PSST) methodology (green column) compared to what it would be using a normal "location of sale" methodology (yellow columns). To estimate the normal methodology I used 2021 data from the WA Department of Revenue for Gross Retail Sales by location and Sales Tax Distribution by location. I averaged the two data sets and projected the .1%. The second yellow column is the difference between distribution methodologies. The County clearly gains revenue, as the sales tax is designed to do. The County bears the burden for regional law and justice including Superior and District Courts, Prosecuting Attorney, Indigent Defense, Jail and Corrections.

As the analysis indicates, the majority of the revenue shift occurs where retail sales is greatest in proportion to its population, i.e. City of Vancouver. Both Washougal and Yacolt are also both benefactors using the PSST methodology. Battle Ground's revenue is less with the Public Safety sales tax, but the difference is about \$128k. Monday night one of the participants was talking about a \$450k loss. I don't know how that amount was estimated.

An interesting note. **The RCW 82.14.450 no longer makes mention that this sales tax is for Public Safety.** It does say in 82.14.450 paragraph 5 *"(5) One-third of all money received under this section must be used solely for criminal justice purposes, fire protection purposes, or both. For the purposes of this subsection, "criminal justice purposes" has the same meaning as provided in RCW 82.14.340, except that from May 13, 2021, through December 31, 2023, "criminal justice purposes" includes local government programs which have a reasonable relationship to reducing the numbers of people interacting with the criminal justice system including, but not limited to, reducing homelessness or improving behavioral health."* The other 2/3 can be used for general purpose items, but it is restricted to *"The title of each ballot measure must clearly state the purposes for which the proposed sales and use tax will be used."* RCW 82.14.450 paragraph 1.

This excerpt is from the MRSC Revenue Guide for Counties:  
Use of Revenues !

E2SHB 1069, the "fiscal flexibility bill" adopted in response to the COVID-19 pandemic, temporarily expands the use of "criminal justice purposes" to include local government programs which have a reasonable relationship to reducing the numbers of people interacting with the criminal justice system including, but not limited to, reducing homelessness or improving behavioral health. This provision



expires December 31, 2023. At least one-third of the revenue must be used solely for criminal justice purposes (as defined in RCW 82.14.340), fire protection purposes, or both. The statute does not provide a specific definition of “fire protection purposes,” but it defines “criminal justice purposes” as: [A]activities that substantially assist the criminal justice system, which may include circumstances where ancillary benefit to the civil justice system occurs, and which includes domestic violence services such as those provided by domestic violence programs, community advocates, and legal advocates, as defined in RCW 70.123.020. The remaining two-thirds are unrestricted and may be used for any lawful governmental purpose, but must be spent in accordance with the purpose(s) specified in the ballot measure.

## Distribution Comparison .1% Sales Tax--Different Methodologies

|               | Public Safety<br>(RCW) | Gross Retail<br>Sales | Difference  | Sale Tax<br>Distribution | Difference  | Average of<br>GRS and STD | Average<br>Difference |        |
|---------------|------------------------|-----------------------|-------------|--------------------------|-------------|---------------------------|-----------------------|--------|
| Clark County  | 7,200,000              | 4,662,296             | 2,537,704   | 4,823,351                | 2,376,649   | 4,742,823                 | 2,457,177             | 51.8%  |
| Vancouver     | 3,386,581              | 5,557,459             | (2,170,878) | 5,386,277                | (1,999,696) | 5,471,868                 | (2,085,287)           | -38.1% |
| Camas         | 462,359                | 537,228               | (74,869)    | 546,692                  | (84,334)    | 541,960                   | (79,601)              | -14.7% |
| Battle Ground | 367,954                | 492,393               | (124,440)   | 499,695                  | (131,742)   | 496,044                   | (128,091)             | -25.8% |
| Washougal     | 302,249                | 255,803               | 46,446      | 260,643                  | 41,607      | 258,223                   | 44,027                | 17.0%  |
| Ridgefield    | 183,046                | 379,587               | (196,542)   | 369,994                  | (186,949)   | 374,791                   | (191,745)             | -51.2% |
| La Center     | 65,278                 | 96,391                | (31,113)    | 92,432                   | (27,154)    | 94,412                    | (29,133)              | -30.9% |
| Woodland      | 887                    |                       | 887         |                          | 887         | -                         | 887                   |        |
| Yacolt        | 31,646                 | 18,842                | 12,804      | 20,915                   | 10,730      | 19,879                    | 11,767                | 59.2%  |
|               | 12,000,000             | 12,000,000            | 0           | 12,000,000               | (0)         | 12,000,000                | 0                     | 0.0%   |

## Estimated Public Safety Sales Tax Distribution to Cities Based on Population

|                                 |     |              |              |              |
|---------------------------------|-----|--------------|--------------|--------------|
| .1% Estimated Annual Collection |     | \$12,000,000 |              |              |
|                                 |     | 0.1%         | 0.2%         | 0.3%         |
| County Share                    | 60% | \$7,200,000  | \$14,400,000 | \$21,600,000 |
| City Share                      | 40% | \$4,800,000  | \$9,600,000  | \$14,400,000 |

| City          | 2020 Population | Amount      | Amount      | Amount       |
|---------------|-----------------|-------------|-------------|--------------|
| Vancouver     | 190,915         | \$3,386,581 | \$6,773,163 | \$10,159,744 |
| Camas         | 26,065          | 462,359     | \$924,718   | \$1,387,077  |
| Battle Ground | 20,743          | 367,954     | \$735,907   | \$1,103,861  |
| Washougal     | 17,039          | 302,249     | \$604,499   | \$906,748    |
| Ridgefield    | 10,319          | 183,046     | \$366,091   | \$549,137    |
| La Center     | 3,680           | 65,278      | \$130,557   | \$195,835    |
| Woodland (1)  | 50              | 887         | \$1,774     | \$2,661      |
| Yacolt        | 1,784           | 31,646      | \$63,292    | \$94,937     |
| City Total    | 270,595         | \$4,800,000 | \$9,600,000 | \$14,400,000 |

(1) This is just an estimate. Actual population may vary slightly.

RCW 82.14.450

At least one-third of the revenue must be used solely for **criminal justice purposes** (as defined in RCW 82.14.340), fire protection purposes, or both. The statute does not provide a specific definition of “fire protection purposes,” but it defines “criminal justice purposes” as: [A]ctivities that substantially assist the criminal justice system, which may include circumstances where ancillary benefit to the civil justice system occurs, and which includes domestic violence services such as those provided by domestic violence programs, community advocates, and legal advocates, as defined in RCW 70.123.020. The remaining two-thirds are unrestricted and may be used for any lawful governmental purpose, but must be spent in accordance with the purpose(s) specified in the ballot measure.

RCW 82.14.340

**Criminal justice purposes** are defined as activities that substantially assist the criminal justice system, which may include circumstances where ancillary benefit to the civil justice system occurs, and which includes domestic violence services such as those provided by domestic violence programs, community advocates, and legal advocates, as defined in RCW 70.123.020. After May 13, 2021, through December 31, 2023, criminal justice purposes includes local government programs which have a reasonable relationship to reducing the numbers of people interacting with the criminal justice system including, but not limited to, reducing homelessness or improving behavioral health.

In the expenditure of funds for criminal justice purposes as provided in this section, cities and counties, or any combination thereof, are expressly authorized to participate in agreements, pursuant to chapter 39.34 RCW, to jointly expend funds for criminal justice purposes of mutual benefit. Such criminal justice purposes of mutual benefit include, but are not limited to, the construction, improvement, and expansion of jails, court facilities, juvenile justice facilities, and services with ancillary benefits to the civil justice system.

# Taxable Retail Sales

Year: 2020Q4, 2021Q1, 2021Q2, and 2021Q3

Location: Unincorporated Adams County, Unincorporated Clark County, Battle Ground, Camas, La Center, Ridgefield, Vancouver, Washougal, Yacolt, and Clark County PTBA

Tax Type: Sales and Use

NAICS Code: All

Sum By: All

D = Records not disclosable due to confidentiality requirements

| Year                        | Tax Type | NAICS     | Total Taxable           | Units          |
|-----------------------------|----------|-----------|-------------------------|----------------|
| Unincorporated Clark County |          |           |                         |                |
| 2021 Quarter 3              | Sales    | All NAICS | \$790,158,770           | 14,911         |
| 2021 Quarter 3              | Use      | All NAICS | \$19,765,809            | 957            |
| 2021 Quarter 2              | Sales    | All NAICS | \$779,252,950           | 14,656         |
| 2021 Quarter 2              | Use      | All NAICS | \$18,431,913            | 936            |
| 2021 Quarter 1              | Sales    | All NAICS | \$684,962,474           | 13,894         |
| 2021 Quarter 1              | Use      | All NAICS | \$17,436,962            | 935            |
| 2020 Quarter 4              | Sales    | All NAICS | \$753,464,901           | 14,802         |
| 2020 Quarter 4              | Use      | All NAICS | \$17,308,011            | 1,109          |
|                             |          |           | <b>\$3,080,781,790</b>  | <b>28.06%</b>  |
| Battle Ground               |          |           |                         |                |
| 2021 Quarter 3              | Sales    | All NAICS | \$142,546,876           | 7,899          |
| 2021 Quarter 3              | Use      | All NAICS | \$4,041,760             | 315            |
| 2021 Quarter 2              | Sales    | All NAICS | \$136,515,659           | 7,821          |
| 2021 Quarter 2              | Use      | All NAICS | \$3,084,540             | 322            |
| 2021 Quarter 1              | Sales    | All NAICS | \$115,637,593           | 7,448          |
| 2021 Quarter 1              | Use      | All NAICS | \$2,137,922             | 289            |
| 2020 Quarter 4              | Sales    | All NAICS | \$122,579,525           | 7,690          |
| 2020 Quarter 4              | Use      | All NAICS | \$3,434,985             | 318            |
|                             |          |           | <b>\$529,978,860</b>    | <b>4.83%</b>   |
| Camas                       |          |           |                         |                |
| 2021 Quarter 3              | Sales    | All NAICS | \$136,077,600           | 8,785          |
| 2021 Quarter 3              | Use      | All NAICS | \$11,912,489            | 310            |
| 2021 Quarter 2              | Sales    | All NAICS | \$134,291,411           | 8,633          |
| 2021 Quarter 2              | Use      | All NAICS | \$12,751,238            | 311            |
| 2021 Quarter 1              | Sales    | All NAICS | \$119,795,954           | 8,419          |
| 2021 Quarter 1              | Use      | All NAICS | \$9,411,245             | 323            |
| 2020 Quarter 4              | Sales    | All NAICS | \$139,832,493           | 8,833          |
| 2020 Quarter 4              | Use      | All NAICS | \$14,162,931            | 343            |
|                             |          |           | <b>\$578,235,361</b>    | <b>5.27%</b>   |
| La Center                   |          |           |                         |                |
| 2021 Quarter 3              | Sales    | All NAICS | \$25,454,081            | 3,463          |
| 2021 Quarter 3              | Use      | All NAICS | \$332,641               | 77             |
| 2021 Quarter 2              | Sales    | All NAICS | \$29,936,868            | 3,394          |
| 2021 Quarter 2              | Use      | All NAICS | \$261,836               | 82             |
| 2021 Quarter 1              | Sales    | All NAICS | \$23,258,517            | 3,225          |
| 2021 Quarter 1              | Use      | All NAICS | \$240,081               | 74             |
| 2020 Quarter 4              | Sales    | All NAICS | \$24,108,370            | 3,423          |
| 2020 Quarter 4              | Use      | All NAICS | \$156,891               | 80             |
|                             |          |           | <b>\$103,749,285</b>    | <b>0.95%</b>   |
| Ridgefield                  |          |           |                         |                |
| 2021 Quarter 3              | Sales    | All NAICS | \$106,418,736           | 6,593          |
| 2021 Quarter 3              | Use      | All NAICS | \$3,779,500             | 224            |
| 2021 Quarter 2              | Sales    | All NAICS | \$98,911,976            | 6,437          |
| 2021 Quarter 2              | Use      | All NAICS | \$2,623,726             | 216            |
| 2021 Quarter 1              | Sales    | All NAICS | \$91,952,861            | 6,150          |
| 2021 Quarter 1              | Use      | All NAICS | \$2,286,863             | 207            |
| 2020 Quarter 4              | Sales    | All NAICS | \$99,581,465            | 6,293          |
| 2020 Quarter 4              | Use      | All NAICS | \$3,006,740             | 215            |
|                             |          |           | <b>\$408,561,867</b>    | <b>3.72%</b>   |
| Vancouver                   |          |           |                         |                |
| 2021 Quarter 3              | Sales    | All NAICS | \$1,571,309,489         | 19,831         |
| 2021 Quarter 3              | Use      | All NAICS | \$47,709,572            | 1,707          |
| 2021 Quarter 2              | Sales    | All NAICS | \$1,532,480,702         | 19,449         |
| 2021 Quarter 2              | Use      | All NAICS | \$49,256,257            | 1,741          |
| 2021 Quarter 1              | Sales    | All NAICS | \$1,311,833,725         | 18,703         |
| 2021 Quarter 1              | Use      | All NAICS | \$44,955,475            | 1,703          |
| 2020 Quarter 4              | Sales    | All NAICS | \$1,371,017,832         | 20,286         |
| 2020 Quarter 4              | Use      | All NAICS | \$53,110,214            | 1,944          |
|                             |          |           | <b>\$5,981,673,266</b>  | <b>54.48%</b>  |
| Washougal                   |          |           |                         |                |
| 2021 Quarter 3              | Sales    | All NAICS | \$73,583,779            | 6,590          |
| 2021 Quarter 3              | Use      | All NAICS | \$1,768,689             | 216            |
| 2021 Quarter 2              | Sales    | All NAICS | \$73,627,310            | 6,551          |
| 2021 Quarter 2              | Use      | All NAICS | \$991,534               | 214            |
| 2021 Quarter 1              | Sales    | All NAICS | \$59,730,417            | 6,232          |
| 2021 Quarter 1              | Use      | All NAICS | \$1,125,071             | 201            |
| 2020 Quarter 4              | Sales    | All NAICS | \$63,216,405            | 6,561          |
| 2020 Quarter 4              | Use      | All NAICS | \$1,285,907             | 245            |
|                             |          |           | <b>\$275,329,112</b>    | <b>2.51%</b>   |
| Yacolt                      |          |           |                         |                |
| 2021 Quarter 3              | Sales    | All NAICS | \$4,920,797             | 1,959          |
| 2021 Quarter 3              | Use      | All NAICS | \$33,991                | 49             |
| 2021 Quarter 2              | Sales    | All NAICS | \$5,102,064             | 2,017          |
| 2021 Quarter 2              | Use      | All NAICS | \$43,276                | 44             |
| 2021 Quarter 1              | Sales    | All NAICS | \$4,756,101             | 1,990          |
| 2021 Quarter 1              | Use      | All NAICS | \$48,075                | 40             |
| 2020 Quarter 4              | Sales    | All NAICS | \$5,325,382             | 2,063          |
| 2020 Quarter 4              | Use      | All NAICS | \$50,490                | 45             |
|                             |          |           | <b>\$20,280,176</b>     | <b>0.18%</b>   |
|                             |          |           | <b>\$10,978,589,717</b> | <b>100.00%</b> |

|                                    |         |    |            |     |                         |
|------------------------------------|---------|----|------------|-----|-------------------------|
| Distribution Based on Retail Sales |         | \$ | 12,000,000 | 85% |                         |
| Unincorporated Clark County        | 28.06%  | \$ | 3,367,407  |     | \$ 3,367,407            |
| Battle Ground                      | 4.83%   | \$ | 579,286    | \$  | 492,393 \$ 86,893       |
| Camas                              | 5.27%   | \$ | 632,032    | \$  | 537,228 \$ 94,805       |
| La Center                          | 0.95%   | \$ | 113,402    | \$  | 96,391 \$ 17,010        |
| Ridgefield                         | 3.72%   | \$ | 446,573    | \$  | 379,587 \$ 66,986       |
| Vancouver                          | 54.48%  | \$ | 6,538,188  | \$  | 5,557,459 \$ 980,728    |
| Washougal                          | 2.51%   | \$ | 300,945    | \$  | 255,803 \$ 45,142       |
| Yacolt                             | 0.18%   | \$ | 22,167     | \$  | 18,842 \$ 3,325         |
|                                    | 100.00% | \$ | 12,000,000 | \$  | 10,200,000 \$ 4,662,296 |

| Year | Month | Month     | Location Code | Location      | Tax                    | Non-disclosable | Distribution |
|------|-------|-----------|---------------|---------------|------------------------|-----------------|--------------|
| 2021 | 1     | January   | 0600          | CLARK COUNTY  | Regular & Optional Tax | False           | 3499299.66   |
| 2021 | 2     | February  | 0600          | CLARK COUNTY  | Regular & Optional Tax | False           | 4375630.13   |
| 2021 | 3     | March     | 0600          | CLARK COUNTY  | Regular & Optional Tax | False           | 3524887.05   |
| 2021 | 4     | April     | 0600          | CLARK COUNTY  | Regular & Optional Tax | False           | 3210579.93   |
| 2021 | 5     | May       | 0600          | CLARK COUNTY  | Regular & Optional Tax | False           | 4335428.87   |
| 2021 | 6     | June      | 0600          | CLARK COUNTY  | Regular & Optional Tax | False           | 4002651.57   |
| 2021 | 7     | July      | 0600          | CLARK COUNTY  | Regular & Optional Tax | False           | 3923977.57   |
| 2021 | 8     | August    | 0600          | CLARK COUNTY  | Regular & Optional Tax | False           | 4467548.08   |
| 2021 | 9     | September | 0600          | CLARK COUNTY  | Regular & Optional Tax | False           | 4206490.02   |
| 2021 | 10    | October   | 0600          | CLARK COUNTY  | Regular & Optional Tax | False           | 4080530.94   |
| 2021 | 11    | November  | 0600          | CLARK COUNTY  | Regular & Optional Tax | False           | 4354925.26   |
| 2021 | 12    | December  | 0600          | CLARK COUNTY  | Regular & Optional Tax | False           | 4043736.64   |
| 2021 | 1     | January   | 0601          | BATTLE GROUND | Regular & Optional Tax | False           | 319172.65    |
| 2021 | 2     | February  | 0601          | BATTLE GROUND | Regular & Optional Tax | False           | 439745.64    |
| 2021 | 3     | March     | 0601          | BATTLE GROUND | Regular & Optional Tax | False           | 328863.23    |
| 2021 | 4     | April     | 0601          | BATTLE GROUND | Regular & Optional Tax | False           | 322125.87    |
| 2021 | 5     | May       | 0601          | BATTLE GROUND | Regular & Optional Tax | False           | 430065.8     |
| 2021 | 6     | June      | 0601          | BATTLE GROUND | Regular & Optional Tax | False           | 404284.73    |
| 2021 | 7     | July      | 0601          | BATTLE GROUND | Regular & Optional Tax | False           | 418310.75    |
| 2021 | 8     | August    | 0601          | BATTLE GROUND | Regular & Optional Tax | False           | 456410.59    |
| 2021 | 9     | September | 0601          | BATTLE GROUND | Regular & Optional Tax | False           | 431371.45    |
| 2021 | 10    | October   | 0601          | BATTLE GROUND | Regular & Optional Tax | False           | 549522.87    |
| 2021 | 11    | November  | 0601          | BATTLE GROUND | Regular & Optional Tax | False           | 452687.15    |
| 2021 | 12    | December  | 0601          | BATTLE GROUND | Regular & Optional Tax | False           | 422862.16    |
| 2021 | 1     | January   | 0602          | CAMAS         | Regular & Optional Tax | False           | 438636.72    |
| 2021 | 2     | February  | 0602          | CAMAS         | Regular & Optional Tax | False           | 552337.8     |
| 2021 | 3     | March     | 0602          | CAMAS         | Regular & Optional Tax | False           | 372587.04    |
| 2021 | 4     | April     | 0602          | CAMAS         | Regular & Optional Tax | False           | 364130.96    |
| 2021 | 5     | May       | 0602          | CAMAS         | Regular & Optional Tax | False           | 471255.78    |
| 2021 | 6     | June      | 0602          | CAMAS         | Regular & Optional Tax | False           | 442152.74    |
| 2021 | 7     | July      | 0602          | CAMAS         | Regular & Optional Tax | False           | 436372.4     |
| 2021 | 8     | August    | 0602          | CAMAS         | Regular & Optional Tax | False           | 517607.67    |
| 2021 | 9     | September | 0602          | CAMAS         | Regular & Optional Tax | False           | 469449.39    |
| 2021 | 10    | October   | 0602          | CAMAS         | Regular & Optional Tax | False           | 426246.72    |
| 2021 | 11    | November  | 0602          | CAMAS         | Regular & Optional Tax | False           | 485710.67    |
| 2021 | 12    | December  | 0602          | CAMAS         | Regular & Optional Tax | False           | 466881.15    |
| 2021 | 1     | January   | 0603          | LA CENTER     | Regular & Optional Tax | False           | 65673.58     |
| 2021 | 2     | February  | 0603          | LA CENTER     | Regular & Optional Tax | False           | 82464.51     |
| 2021 | 3     | March     | 0603          | LA CENTER     | Regular & Optional Tax | False           | 65058.38     |
| 2021 | 4     | April     | 0603          | LA CENTER     | Regular & Optional Tax | False           | 63112.13     |
| 2021 | 5     | May       | 0603          | LA CENTER     | Regular & Optional Tax | False           | 79458.78     |
| 2021 | 6     | June      | 0603          | LA CENTER     | Regular & Optional Tax | False           | 88511.51     |
| 2021 | 7     | July      | 0603          | LA CENTER     | Regular & Optional Tax | False           | 85000.38     |
| 2021 | 8     | August    | 0603          | LA CENTER     | Regular & Optional Tax | False           | 93691.38     |
| 2021 | 9     | September | 0603          | LA CENTER     | Regular & Optional Tax | False           | 81164.02     |
| 2021 | 10    | October   | 0603          | LA CENTER     | Regular & Optional Tax | False           | 74899.77     |
| 2021 | 11    | November  | 0603          | LA CENTER     | Regular & Optional Tax | False           | 79422.59     |
| 2021 | 12    | December  | 0603          | LA CENTER     | Regular & Optional Tax | False           | 61881.56     |
| 2021 | 1     | January   | 0604          | RIDGEFIELD    | Regular & Optional Tax | False           | 284401.83    |
| 2021 | 2     | February  | 0604          | RIDGEFIELD    | Regular & Optional Tax | False           | 323424.41    |
| 2021 | 3     | March     | 0604          | RIDGEFIELD    | Regular & Optional Tax | False           | 269387.87    |
| 2021 | 4     | April     | 0604          | RIDGEFIELD    | Regular & Optional Tax | False           | 242426.37    |
| 2021 | 5     | May       | 0604          | RIDGEFIELD    | Regular & Optional Tax | False           | 315585.83    |
| 2021 | 6     | June      | 0604          | RIDGEFIELD    | Regular & Optional Tax | False           | 277121.97    |
| 2021 | 7     | July      | 0604          | RIDGEFIELD    | Regular & Optional Tax | False           | 310014.16    |
| 2021 | 8     | August    | 0604          | RIDGEFIELD    | Regular & Optional Tax | False           | 315316.01    |
| 2021 | 9     | September | 0604          | RIDGEFIELD    | Regular & Optional Tax | False           | 336099.78    |
| 2021 | 10    | October   | 0604          | RIDGEFIELD    | Regular & Optional Tax | False           | 314352.18    |
| 2021 | 11    | November  | 0604          | RIDGEFIELD    | Regular & Optional Tax | False           | 358684.6     |
| 2021 | 12    | December  | 0604          | RIDGEFIELD    | Regular & Optional Tax | False           | 337183.46    |
| 2021 | 1     | January   | 0605          | VANCOUVER     | Regular & Optional Tax | False           | 3772705.36   |
| 2021 | 2     | February  | 0605          | VANCOUVER     | Regular & Optional Tax | False           | 4711111.09   |
| 2021 | 3     | March     | 0605          | VANCOUVER     | Regular & Optional Tax | False           | 3801110.41   |

#### Distribution Based on Distribution

\$ 12,000,000

|               |         |    |            |
|---------------|---------|----|------------|
| CLARK COUNTY  | 40.19%  | \$ | 4,823,351  |
| BATTLE GROUND | 4.16%   | \$ | 499,695    |
| CAMAS         | 4.56%   | \$ | 546,692    |
| LA CENTER     | 0.77%   | \$ | 92,432     |
| RIDGEFIELD    | 3.08%   | \$ | 369,994    |
| VANCOUVER     | 44.89%  | \$ | 5,386,277  |
| WASHOUGAL     | 2.17%   | \$ | 260,643    |
| YACOLT        | 0.17%   | \$ | 20,915     |
|               | 100.00% | \$ | 12,000,000 |

48025685.72 40.19%

4975422.89 4.16%

5443369.04 4.56%

920338.59 0.77%

3683998.47 3.08%

|      |    |           |      |           |                        |       |             |             |        |
|------|----|-----------|------|-----------|------------------------|-------|-------------|-------------|--------|
| 2021 | 4  | April     | 0605 | VANCOUVER | Regular & Optional Tax | False | 3549780.8   |             |        |
| 2021 | 5  | May       | 0605 | VANCOUVER | Regular & Optional Tax | False | 4755314.36  |             |        |
| 2021 | 6  | June      | 0605 | VANCOUVER | Regular & Optional Tax | False | 4496997.74  |             |        |
| 2021 | 7  | July      | 0605 | VANCOUVER | Regular & Optional Tax | False | 4675081.47  |             |        |
| 2021 | 8  | August    | 0605 | VANCOUVER | Regular & Optional Tax | False | 5000303.51  |             |        |
| 2021 | 9  | September | 0605 | VANCOUVER | Regular & Optional Tax | False | 4792660.63  |             |        |
| 2021 | 10 | October   | 0605 | VANCOUVER | Regular & Optional Tax | False | 4623411.07  |             |        |
| 2021 | 11 | November  | 0605 | VANCOUVER | Regular & Optional Tax | False | 4872298.82  |             |        |
| 2021 | 12 | December  | 0605 | VANCOUVER | Regular & Optional Tax | False | 4579920.95  | 53630696.21 | 44.89% |
| 2021 | 1  | January   | 0606 | WASHOUGAL | Regular & Optional Tax | False | 187858.57   |             |        |
| 2021 | 2  | February  | 0606 | WASHOUGAL | Regular & Optional Tax | False | 210657.44   |             |        |
| 2021 | 3  | March     | 0606 | WASHOUGAL | Regular & Optional Tax | False | 170088.42   |             |        |
| 2021 | 4  | April     | 0606 | WASHOUGAL | Regular & Optional Tax | False | 161024.46   |             |        |
| 2021 | 5  | May       | 0606 | WASHOUGAL | Regular & Optional Tax | False | 236292.2    |             |        |
| 2021 | 6  | June      | 0606 | WASHOUGAL | Regular & Optional Tax | False | 226299.35   |             |        |
| 2021 | 7  | July      | 0606 | WASHOUGAL | Regular & Optional Tax | False | 234867.75   |             |        |
| 2021 | 8  | August    | 0606 | WASHOUGAL | Regular & Optional Tax | False | 248047.96   |             |        |
| 2021 | 9  | September | 0606 | WASHOUGAL | Regular & Optional Tax | False | 225731.67   |             |        |
| 2021 | 10 | October   | 0606 | WASHOUGAL | Regular & Optional Tax | False | 219412.62   |             |        |
| 2021 | 11 | November  | 0606 | WASHOUGAL | Regular & Optional Tax | False | 253898.71   |             |        |
| 2021 | 12 | December  | 0606 | WASHOUGAL | Regular & Optional Tax | False | 221017.57   | 2595196.72  | 2.17%  |
| 2021 | 1  | January   | 0607 | YACOLT    | Regular & Optional Tax | False | 16947.75    |             |        |
| 2021 | 2  | February  | 0607 | YACOLT    | Regular & Optional Tax | False | 18784.26    |             |        |
| 2021 | 3  | March     | 0607 | YACOLT    | Regular & Optional Tax | False | 14007.97    |             |        |
| 2021 | 4  | April     | 0607 | YACOLT    | Regular & Optional Tax | False | 12800.55    |             |        |
| 2021 | 5  | May       | 0607 | YACOLT    | Regular & Optional Tax | False | 18849.6     |             |        |
| 2021 | 6  | June      | 0607 | YACOLT    | Regular & Optional Tax | False | 14226.26    |             |        |
| 2021 | 7  | July      | 0607 | YACOLT    | Regular & Optional Tax | False | 21867.3     |             |        |
| 2021 | 8  | August    | 0607 | YACOLT    | Regular & Optional Tax | False | 19023.49    |             |        |
| 2021 | 9  | September | 0607 | YACOLT    | Regular & Optional Tax | False | 15663.29    |             |        |
| 2021 | 10 | October   | 0607 | YACOLT    | Regular & Optional Tax | False | 16288.63    |             |        |
| 2021 | 11 | November  | 0607 | YACOLT    | Regular & Optional Tax | False | 19341.96    |             |        |
| 2021 | 12 | December  | 0607 | YACOLT    | Regular & Optional Tax | False | 20451.91    | 208252.97   | 0.17%  |
|      |    |           |      |           |                        |       | 119482960.6 | 119482960.6 |        |

## CLARK COUNTY STAFF REPORT

**DEPARTMENT:** Clark County Council

**DATE:** May 3, 2022

**REQUESTED ACTION:** Council consideration of (1) proposing to the voters of Clark County at the August primary election a sales and use tax pursuant to RCW 82.14.450 for public safety and criminal justice purposes; and (2) a resolution requesting the cities within Clark County support the public safety sales and use tax proposition.

\_\_\_\_\_ Consent     X  Hearing    \_\_\_\_\_ County Manager

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### BACKGROUND

RCW 82.14.450 authorizes counties to impose a public safety sales tax at a maximum rate of 0.3%. Revenues from the tax are split with the cities, with 60% going to the county and the remaining 40% split amongst the cities based on population. One-third of revenue received must be used solely for criminal justice purposes defined in RCW 82.14.350 as “activities that substantially assist the criminal justice system.”

To impose the tax within the county, the proposed tax must be approved by a majority of voters in the county. The public safety sales tax may be imposed indefinitely or may include a sunset clause.

Per state law, this tax does not apply to the retail sale or use of motor vehicles, and the lease of motor vehicles for up to the first 36 months of the lease.

If the Council decides to proceed with proposing the sales and use tax to the voters, the Council may also wish to request formal support from the cities within Clark County. The second resolution for County Council consideration would request that the cities within the county approve their own resolution supporting the County Council’s decision to place this proposition measure on the ballot.

### COUNCIL POLICY IMPLICATIONS

RCW 82.14.450 requires the title of the ballot measure to “clearly state the purposes for which the proposed sales and use tax will be used.” The Council will retain full policy and budgetary discretion for use of the funds within the parameters of state law and the enumerated purposes (if any) within the ballot measure title.

### ADMINISTRATIVE POLICY IMPLICATIONS

If approved by the voters, the Council will subsequently make budgetary appropriations for the new revenue. This may have administrative policy implications.

### COMMUNITY OUTREACH

N/A

**BUDGET IMPLICATIONS**

| YES | NO |                                                                                                                                                                                                                                                        |
|-----|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| X   |    | Action falls within existing budget capacity.                                                                                                                                                                                                          |
|     |    | Action falls within existing budget capacity but requires a change of purpose within existing appropriation                                                                                                                                            |
|     |    | Additional budget capacity is necessary and will be requested at the next supplemental. If YES, please complete the budget impact statement. If YES, this action will be referred to the county council with a recommendation from the county manager. |

**DISTRIBUTION:**

Board staff will post all staff reports to The Grid. <http://www.clark.wa.gov/thegrid/>

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Lindsey Hueer  
Senior Policy Analyst

Kathleen Otto  
County Manager

Primary Staff Contract Name and Extension: Lindsey Hueer, x4157

APPROVED:   
CLARK COUNTY, WASHINGTON  
CLARK COUNTY COUNCIL

DATE: May 3, 2022  
SR#     



APPROVED: \_\_\_\_\_  
Kathleen Otto, County Manager

DATE: \_\_\_\_\_



**RESOLUTION NO. 2022 - 05 - 03**

A RESOLUTION to submit a proposition to the voters of Clark County

authorizing a sales and use tax of one-tenth of 1% to fund Clark County and the incorporated cities of Clark County for public safety and criminal justice purposes.

WHEREAS, RCW 82.14.450 authorizes county legislative authorities to adopt a Resolution providing for the submission of a proposal to the voters for a sales and use tax at the next primary or general election; and

WHEREAS, there is a need to increase revenue to provide critical law and justice services in Clark County including but not limited to, funding of body worn cameras, increased staffing for the Sheriff's Office, and other expenses. Funding for these services can be provided by a sales and use tax pursuant to RCW 82.14.450; and

WHEREAS, the purpose of the measure is to increase funding for public safety and criminal justice costs in Clark County, including all expenses associated with body worn cameras. Such expenses include acquisition of the body worn cameras and related equipment; acquisition, maintenance, and operational costs of the data storage equipment needed for body worn camera footage; costs for training Clark County Sheriff's Office employees as it relates to the use of body worn cameras and the camera footage; staffing costs for additional employees needed for body worn camera data, including processing public records requests and discovery requests; and additional costs due to increased workload for the prosecuting attorney's office and indigent defense attorneys; and

WHEREAS, this matter shall be placed on the August 2022 primary election ballot for voter consideration; and

WHEREAS, the Clark County Council finds the proposal to be in the public interest, and if approved by the voters, the tax shall apply within all of Clark County.

NOW, THEREFORE,

BE IT ORDERED AND RESOLVED BY THE CLARK COUNTY COUNCIL, STATE OF WASHINGTON, AS FOLLOWS:

A ballot proposition shall be submitted to the voters of Clark County at the primary election in August 2022 in substantially the following form:

Clark County Proposition No. 11

Sales and Use Tax of 0.1% for Public Safety and Criminal Justice Purposes

The Clark County Council adopted Resolution 2022-05-03 proposing a sales and use tax pursuant to RCW 82.14.450. If approved, a one-tenth of 1% sales and use tax will be implemented. The revenue will be split between Clark County (60%) and the cities within Clark County (40%) and used for public safety and criminal justice purposes pursuant to RCW 82.14.450. Clark County will use its revenue share for public safety and criminal justice purposes, including but not limited to, funding a body worn camera program, increased staffing for the Sheriff's Office, and other expenses.

Should this proposition be approved?

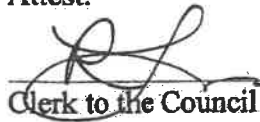
       Yes        No

ADOPTED on this 3rd day of May, 2022.

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CLARK COUNTY COUNCIL  
CLARK COUNTY, WASHINGTON

Attest:

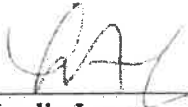
  
Clerk to the Council

May 3, 2022

  
Karen Dill Bowerman, Chair

Approved as to Form Only:  
ANTHONY GOLIK  
Prosecuting Attorney

Temple Lentz, Councilor

By:   
Leslie Lopez,  
Deputy Prosecuting Attorney

Julie Olson, Councilor

Gary Medvigy, Councilor

Richard Rylander, Councilor



**RESOLUTION NO. 2022 - 05 - 06**

A RESOLUTION relating to encouraging the cities within Clark County to support a proposition for a one-tenth of 1% sales and use tax for public safety and criminal justice purposes.

WHEREAS, public safety is critical to creating and maintaining a vibrant and livable community, and our law enforcement and criminal justice employees are essential to protecting public safety; and

WHEREAS, the need for public safety is universal and not the burden of one particular jurisdiction. Clark County partners with other law enforcement agencies in Clark County to work together to protect and serve all residents of the County; and

WHEREAS, law enforcement and criminal justice costs are increasing, as is the need and desire for additional equipment and tools, such as body worn cameras; and

WHEREAS, the Clark County Council is proposing to the voters at the August 2022 primary election consideration of a one-tenth of 1% sales and use tax pursuant to RCW 82.14.450 for public safety and criminal justice purposes. If approved, the cities in Clark County will receive 40% of the revenue generated and the County will receive 60% of the revenue generated.

NOW, THEREFORE,

BE IT ORDERED AND RESOLVED BY THE CLARK COUNTY COUNCIL, STATE OF WASHINGTON, AS FOLLOWS:

23 The Clark County Council requests the City Council of each of the cities in Clark  
24 County to adopt a Resolution in support of the County Council's proposition to the voters  
25 of the county for consideration of the one-tenth of 1% sales and use tax for public safety  
26 and criminal justice purposes.

ADOPTED on this 3<sup>rd</sup> day of May, 2022.

27  
28 Attest:

29  
30  
31 Clerk to the Council

CLARK COUNTY COUNCIL  
CLARK COUNTY, WASHINGTON

Karen Dill Bowerman  
Karen Dill Bowerman, Chair

32  
33  
34 Approved as to Form Only:

35 ANTHONY GOLIK

36 Prosecuting Attorney

Temple Lentz, Councilor

37  
38  
39 By:

40 Leslie Lopez,

41 Deputy Prosecuting Attorney

Julie Olson, Councilor

Gary Medvigy, Councilor

Richard Rylander, Councilor



