

CITY COUNCIL MEETING MINUTES

Vancouver City Hall – Council Chambers – 415 W. 6th Street
PO Box 1995 – Vancouver, Washington 98668-1995
www.cityofvancouver.us

Anne McEnerny-Ogle, Mayor

Bart Hansen • Bill Turlay • Alishia Topper • Ty Stober • Linda Glover • Laurie Lebowsky

September 10, 2018

WORKSHOPS

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

Councilmembers Turlay and Lebowsky absent from workshops. Councilmember Topper arrived at 4:31 p.m.

3:00-4:30 p.m. Council Policy Updates Preview

Presenters: Amanda Delapena, City Council Assistant, 487-8606; Bronson Potter, City Attorney, 487-8500.

Summary

Staff continued discussions with Council regarding proposed updates to a series of City Council policies and procedures.

4:30-5:00 p.m. Multifamily Tax Exemption: Aegis Development

Councilmember Glover noted for the record that she sits on the Board of Directors for The Historic Trust and recused herself from this discussion at 4:31 p.m.

Presenters: Peggy Sheehan, Community Development Programs Manager, 487-7952; Keith Jones, Senior Planner, 487-487-7887

Summary

Staff provided an overview of a proposed multifamily tax exemption agreement for the Aegis Development at the site of the historic Academy downtown.

Councilmember Glover returned at 4:59 p.m.

5:00-6:00 p.m. Police Funding Revenue Replacement Options

Presenter: Natasha Ramras, Chief Executive Officer, 487-8484

Summary

Staff provided Council with updated options for replacing an adopted revenue package for supporting the police resourcing plan. Council provided feedback on a preferred option to come back before them for potential action.

6:00-6:30 p.m. Executive Session re: Real Estate Transaction

Mayor McEnery-Ogle announced the Council would enter executive session from 6:00-6:30 p.m. for the purpose of discussing a real estate transaction. She stated no business would be conducted.

COUNCIL DINNER/ADMINISTRATIVE UPDATES

Birch Conference Room – 6:30-7:00 p.m.

COUNCIL REGULAR MEETING

Pledge of Allegiance

Call to Order and Roll Call

The regular meeting of the Vancouver City Council was called to order at 7:01 p.m. by Mayor Anne McEnery-Ogle in the Council Chambers of City Hall, 415 W. 6th Street, Vancouver, Washington.

Present: Councilmembers Lebowsky, Glover, Stober, Topper, Hansen,

Absent: Councilmember Turlay

Motion by Councilmember Hansen, seconded by Councilmember Topper, and carried unanimously to excuse Councilmember Turlay.

Approval of Minutes:

Minutes - August 13, 2018

Motion by Councilmember Hansen, seconded by Councilmember Lebowsky, and carried unanimously to approve the meeting minutes of August 13, 2018.

Minutes - August 20, 2018

Motion by Councilmember Glover, seconded by Councilmember Topper, and carried unanimously to approve the meeting minutes of August 20, 2018.

Proclamation: Constitution Week

Mayor McEnerny-Ogle read and presented a proclamation Pamela Ragan, Vice Regent for the Fort Vancouver Chapter of the Daughters of the American Revolution, proclaiming September 17-23, 2018, as Constitution Week for 2018.

Citizen Communication (Items 1-7)

Mayor McEnerny-Ogle opened Citizen Communication and, receiving no testimony, closed Citizen Communication.

Consent Agenda (Items 1-7)

Motion by Councilmember Lebowsky, seconded by Councilmember Topper, and carried unanimously to approve the Consent Agenda.

- 1. Final Construction Acceptance of the Evergreen/SR 14 Water Main Rehabilitation Project**
Staff Report 132-18

Summary

SCI Infrastructure LLC of Seattle, Washington, restored and replaced nearly 920 linear feet of 12-inch steel water main within State right of way. The 12-inch steel water main had been failing due to corrosion. Using a trenchless technology known as Cured In Place Pipe, the contractor rehabilitated 180 linear feet of corroded 12-inch steel pipe, crossing State Route 14. The contractor also replaced 740 linear feet of corroded 12-inch steel pipe in the Evergreen Highway off ramp of State Route 14 by installing a new 12-inch ductile iron water main using standard open trench methods.

The work was completed satisfactorily in accordance with the plans and specifications. Contract costs are summarized below:

TOTAL CONTRACT COSTS	
<i>Labor, Equipment & Materials</i>	<i>\$364,655.16</i>
<i>Sales Tax</i>	<i>\$30,631.03</i>
<i>Total</i>	<i>\$395,286.19</i>
<i>Retainage</i>	<i>\$18,232.76</i>

The original bid amount was \$404,846.90 compared to a final amount of \$395,286.19, approximately a 2% decrease. Savings are mainly attributed to a coordinated effort between the City and State to allow the contractor to use standard open trench methods instead of trenchless methods to lay new pipe in the off ramp of State Route 14.

Request: Accept the Evergreen/SR 14 Water Main Rehabilitation project as constructed by SCI Infrastructure LLC of Seattle, Washington, and authorize release of retainage in the amount of \$18,232.76, subject to receipt of all documentation required by law.

Tyler Clary, Utility Engineering Program Manager, 487-7169; Michelle Henry, Civil Engineer, 487-7155

Motion approved the request.

2. Award of Bid for 39th St Water Main Replacement; BID #18-18
Staff Report 133-18

Summary

This project will install approximately 3,000 feet of 8-inch water main to replace pipe that is over a century old in 39th Street from Washington Street to I-5. The existing pipes were identified as needing replacement through an asset management risk analysis. Due to the maintenance history and age of the pipes, these pipes ranked as a high priority for replacement. Replacement will improve the pipeline integrity and reliability in an arterial street with high traffic.

On August 14, the City received four bids for the subject project. The bids ranged between \$737,397.26 and \$872,116.73. The low bidder was responsive. The bids are as follows:

SUMMARY OF BIDS	
BIDDER	AMOUNT
<i>Halme Excavating, Inc., Battle Ground, WA</i>	<i>\$737,397.26</i>
<i>Advanced Excavating Specialists, LLC, Longview, WA</i>	<i>\$779,267.52</i>
<i>Nutter Corporation, Vancouver, WA</i>	<i>\$795,810.22</i>
<i>Clark and Sons Excavating Inc., Battle Ground, WA</i>	<i>\$872,116.73</i>
<i>Engineers' Estimate</i>	<i>\$650,000.00</i>

Recent increases in material costs and the complexity of the project location lead to higher than anticipated bid prices. Halme Excavating, Incorporated of Battle Ground, Washington, is the lowest responsive and responsible bidder, and has successfully completed utility construction projects of this magnitude during the last three years.

Request: Award a construction contract for the 39th St Water Main Replacement project to the lowest responsive and responsible bidder, Halme Excavating, Incorporated of Battle Ground, Washington, at their bid price of \$737,397.26, which includes applicable Washington State sales tax.

Michelle Henry, Civil Engineer, 487-7155

Motion approved the request.

3. Water Station 1 Phase 1B Booster Station, Control System and Site Electrical Upgrades project Consultant Contract Increase
Staff Report 134-18

Summary

On December 15, 2014, City Council approved a consultant contract with CH2M Hill in the amount of \$5,964,869 to provide design and construction support for the City's Water Station 1 Phase 1B Booster Station, Control System and Site Electrical Upgrade project. CH2M Hill has since merged with Jacobs Engineering and will be referred to as "Jacobs". This complex engineering project has been divided into numerous construction contracts with the primary Water Station 1 construction contract taking over a year to design and bid. The primary construction contract was awarded by Council on August 15, 2016, with construction currently 90% complete.

Several issues have arisen during the construction phase of this project that led to a changed work plan and resulting increased time commitment by Jacobs. The majority of the increased commitments are related to the SCADA system improvements, but some are directly related to the Water Station 1 construction. Delays in construction commencement have caused components of construction to be done during peak summer water use. This has led to a significant increase in the amount of time required by Jacobs to coordinate work and ensure construction can continue while maintaining water supply. Although a phasing schedule was included in the contract specifications, the contractor phased the construction differently than the City had planned prior to the contract being awarded. This has led to a significant increase in the amount of time required by Jacobs to coordinate this work and ensure construction can continue while maintaining a continuous water supply. It is difficult to dictate or anticipate exactly how a contractor will approach construction of a project prior to bids being received and it is therefore difficult to anticipate construction related consultant costs two years prior to the start of construction on a project this complex. It was not anticipated by either the City or Jacobs that Jacobs would need to spend this much time on the construction phase of the project. Jacobs has supported the City during construction of the Water Station 1 project at a level necessary to ensure a final product that is acceptable to the City and staff therefore believes the cost overruns related to this portion of the Jacobs contract are justified.

The complexity of the City's SCADA system is difficult to explain. This component of the original consultant contract with Jacobs amounted to approximately \$3,200,000. This project included the replacement of aged control systems at numerous sites throughout the City with updated control systems. The complexity, quantity and uniqueness of the old equipment made it difficult to fully understand what it would take to complete the upgrade. In addition, failures of existing equipment and other unanticipated problems during the SCADA system improvements prolonged work at sites that could not have been anticipated during consultant scope generation.

The Jacobs team has been instrumental in ensuring that this project takes place with no impact to our water customers. Jacobs has been diligent trying to reduce costs, but the needs of the project have continued to increase the amount of time needed to support the City.

Request: Authorize the City Manager or his designee to execute a contract revision between the City of Vancouver and Jacobs increasing the contract amount from \$5,964,869 to \$6,200,898, a contract increase of \$236,029 or approximately 4%.

Tyler Clary, Water Engineering Program Manager, 487-7169

Motion approved the request.

4. Approval of Purchasing Authority for Hot Mix Asphalt from Lakeside Industries, Inc

Staff Report 135-18

Summary

The City currently purchases hot mix asphalt for street maintenance, pavement management street preparation, pothole repairs, and utility cut repairs from Lakeside Industries, Inc through their contract with Clark County (#2639). In 2018, the total purchases from this contract for Lakeside Industries will exceed the \$300,000 threshold requiring approval of Council. Approval will enable the Public Works department to continue to utilize this contract to purchase hot mix asphalt and materials to take advantage of these competitive prices.

Public works has ongoing, annual needs for hot mix asphalt of approximately \$250,000 - \$300,000 per year for Lakeside Industries and is requesting Council to approve the increased spending with Lakeside up to a \$1,200,000 threshold against this contract, which is good through May 29, 2019, with eligible yearly extensions through May 31, 2020.

Request: Approve purchasing authority related to the Clark County contract #2639 with Lakeside Industries, Inc., including annual extensions, in an amount not to exceed \$1,200,000 through May 31, 2020.

Ryan Miles, Street Operations Program Manager, 487-7708

Motion approved the request.

5. 2015 Fire Sprinkler/Alarm Systems Inspection and Maintenance Amendment #2 to Contract #82324

Staff Report 136-18

Summary

A contract has been in place since April 1, 2015, with Fire Systems West for fire sprinkler and alarm systems inspection and maintenance services. With the acquisition of the Town Plaza building, Day Center building and New Fire Stations 1 & 2, the Fire Sprinkler/Alarm work required for all buildings to meet current Life Safety Codes has increased the amount being spent in the last year. With approval of this Contract Amendment, the increase should carry the contract through March 31, 2020.

Request: Authorize the City Manager or his designee to execute Amendment #2 to Contract #82324 with Fire Systems West to increase the contract amount from \$400,000 to \$1,000,000 to the end of the contract date, March 31, 2020, for Fire Sprinkler/Alarm Inspections and Maintenance Services at City-owned or occupied facilities.

Motion approved the request.

6. Award of Professional Service Contract for Maintenance at the Waterfront Park
Staff Report 138-18

Summary

On August 15, 2018, the City received two proposals for the maintenance of the Waterfront Park. The staff issued a "Request for Proposals" in order to evaluate the firms based on experience, quality of work and experience with similar type park maintenance properties as well as costs. The firms submitting proposals were asked to provide information on their:

- qualifications and relevant experience in maintaining parks and park-like settings, technical, approach and capacity to handle a relatively detailed and complex property,*
- number of employees dedicated to this park property, customer service communication and training plans,*
- risk and quality assurance program and 3 references of with similar scope and acreage,*
- cost for work described.*

SUMMARY OF PROPOSALS

<i>Firm:</i>	<i>Price/Year:</i>
<i>BrightView Landscaping</i>	<i>\$303,976.19</i>
<i>Distinctive Landscaping</i>	<i>\$344,317.42</i>

This is a contract for three years with two possible three-year extensions. The total contract amount for the three-year period will not exceed \$1,076,928.57. The annual costs equal: \$303,976.19 for the base work in the proposal. The contract also includes \$55,000 annually for special events support/preparation/clean-up, which will be paid by the special event organizers, as well as some changes in frequencies of regular services that could occur once the City better understands the trends and use of the park.

BrightView proposal demonstrated a complete understanding of the project, an excellent training and quality assurance program, ability to allocate more personnel at the park. Their references were outstanding. The rankings were based on weighted criteria, with cost equaling 30% of the overall score.

Request: Award professional service contract for Waterfront Park maintenance to BrightView Landscaping LLC, of Tualatin, Oregon, in the amount of \$1,076,928.57.

Julie Hannon, Parks & Recreation Director, 487-8309

Motion approved the request.

7. Approval of Claim Vouchers

Request: Approve claim vouchers for September 10, 2018.

(Copy available upon request.)

Motion approved claim vouchers for September 10, 2018, in the amount of \$11,633,183.65.

Communications

A. From the Council

B. From the Mayor

Mayor McEnerny-Ogle yielded her communications time to allow citizen comment from one member of the audience who had mistakenly been told there would be a Citizen Forum during this meeting.

- Bob Synoground, Vancouver, expressed concerns about cyclists not obeying traffic laws on McGillivray Boulevard and requested the Vancouver Police Department enforce traffic laws in against cyclists.

C. From the City Manager

a) Council for the Homeless - Homeless Action Plan Update

Kate Budd, Executive Director for Council for the Homeless, provided an update on the status of the organization's Homeless Action Plan.

b) Charter Review 2019

Jeanette (Jan) Bader, provided Council with an overview of the upcoming Charter Review process.

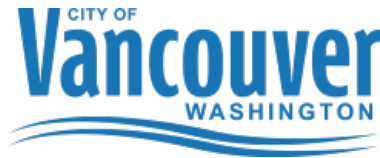
Adjournment

7:57 p.m.

Attest:

Anne McEnerny-Ogle, Mayor

Natasha Ramras, City Clerk
By: Carrie Lewellen, Deputy City Clerk



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September 17, 2018

WORKSHOPS

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

Councilmember Topper absent from workshops.

4:00-5:00 p.m. Council Policy Updates Preview

Presenters: Amanda Delapena, City Council Assistant, 487-8606; Michael Nigrey, Assistant City Attorney, 487-8500.

Summary

Staff continued discussions with Council regarding proposed updates to a series of City Council policies and procedures.

5:00-5:30 p.m. Independence Day Update

Councilmember Glover noted for the record that she sits on the Board of Directors for The Historic Trust.

Presenters: Jeanette (Jan) Bader, Program & Policy Development Manager, 487-8606; Mike Williams, Interim CEO for The Historic Trust

Summary

City and Historic Trust staff provided Council with an event report for the 2018 Independence Day celebration at Fort Vancouver and provided an overview of expectations for the 2019 event.

COUNCIL DINNER/ADMINISTRATIVE UPDATES

Birch Conference Room – 5:30-7:00 p.m.

COUNCIL REGULAR MEETING

Pledge of Allegiance

Call to Order and Roll Call

The regular meeting of the Vancouver City Council was called to order at 7:00 p.m. by Mayor Anne McEnerny-Ogle in the Council Chambers of City Hall, 415 W. 6th Street, Vancouver, Washington.

Present: Councilmembers Lebowsky, Glover, Stober, Topper, Turlay, Hansen,
Absent: None

Approval of Minutes: August 27, 2018

Motion by Councilmember Glover, seconded by Councilmember Hansen, and carried unanimously to approve the meeting minutes of August 27, 2018.

Proclamation: Suicide Awareness and Prevention Month

Mayor McEnerny-Ogle read and presented a proclamation to Heidi Bjurstrom, Manager of Programs and Volunteers for NAMI Southwest Washington, proclaiming September as Suicide Awareness and Prevention Month for 2018.

Citizen Communication (Items 1-2)

Mayor McEnerny-Ogle opened Citizen Communication and, receiving no testimony, closed Citizen Communication.

Consent Agenda (Items 1-2)

Motion by Councilmember Hansen, seconded by Councilmember Turlay, and carried unanimously to approve the Consent Agenda.

- 1. Proposed Partial Removal of a Development Agreement applying to five contiguous properties at 148th Avenue and Mill Plain Blvd**
Staff Report 139-18

Mayor McEnerny-Ogle read the title of the ordinance into the record.

AN ORDINANCE relating to Comprehensive Plan and Zoning for the City of Vancouver and Vancouver Municipal Code (VMC) Title 20; partially rescinding a Development Agreement applying to five contiguous properties zoned Community Commercial (CC) at approximately 148th Avenue and Mill Plain Boulevard, specifically 14799, 14800, 14900, 14930 and 15000 Mill Plain Blvd, parcel numbers 167676000, 164700000, 164699000, 167650000, and 167633000; and authorizing the City Manager to enter into a Development Agreement.

Summary

The 2008 DA is derived from a 2002 concomitant rezone agreement which covered two additional properties east of the site, and included additional use restrictions. The site is surrounded by the East Vancouver Police Precinct to the east, a residential subdivision to the north, a credit union to the west and a senior housing facility to the south across Mill Plain Blvd. Within the site the westernmost three of the five properties are undeveloped, while the other two contain a long standing tavern, and a commercial mini-mall built in 2007. Mill Plain Blvd. is a major east-west corridor with existing bus service and planned Bus Rapid Transit improvements, and contains a landscaped center median extending along most of the site frontage.

Proposed Amendments

Based on Council direction, staff recommends amending the DA regarding allowed uses as follows:

- Continue to prohibit 24-hour uses, car washes, auto body shops, auto sales and rental, manufacturing and production, bulk sales and outdoor sales*
- Allow self-storage and non-accessory parking only on parcel #164699000, located behind the mini mall and tavern and removed from Mill Plain.*
- Allow drive through uses and gas stations.*

Other DA provisions would be as recommended by the Planning Commission.

Request: On Monday, September 17, 2018, approve the ordinance on first reading, setting the date of second reading and public hearing for Monday, October 1, 2018.

Bryan Snodgrass, Principal Planner, 487-7946

Motion approved the request.

2. Approval of Claim Vouchers

Request: Approve claim vouchers for August 20, 2018

(Copy available upon request.)

Motion approved claim vouchers for September 17, 2018, in the amount of \$9,313,594.86.

Public Hearings (Items 3-4)

3. Consolidated Annual Performance Evaluation Report

Staff Report 140-18

Peggy Sheehan, Community Development Programs Manager, provided staff comments.

Summary

Annually, the City of Vancouver prepares a Consolidated Annual Performance and Evaluation Report (CAPER) for submission to HUD outlining the expenditures and accomplishments of the City CDBG and HOME programs. The 2017 program year covers from July 1, 2017, to June 30, 2018. The CAPER can be found online at www.cityofvancouver.us/cdbg.

In Program Year 2017 Vancouver expended \$1,538,988 in CDBG funds and \$266,950 in HOME funds. These funds were only a portion of the dollars needed for the 2017 projects. The provided funds leveraged additional federal, state, and other local funds, resulting in an approximate leveraging ratio of 1:2 for 2017 CDBG funding and 1:20 for 2017 HOME funding.

The following is a synopsis of the accomplishments and people assisted during the 2017 program year.

Affordable Housing:

- *Tenant Based Rental Assistance (TBRA): Assisted 40 households*
- *Homeowner housing rehabilitation: Assisted 23 households*
- *New Rental units construction: 30 units funded*

Increase Economic Opportunity:

- *Persons assisted: 110 (small business assistance)*

Supportive Services for At-Risk & Homeless Persons:

- *Public Service Activities: Assisted 18,472 persons*

Public Facilities and Improvements

- *Homeless facilities: Assisted 5,213 persons*

Request: Following a public hearing, approve the 2017 CAPER report for submission to the HUD Region X office for approval.

Peggy Sheehan, Community Development Programs Manager, 487-7952

Ms. Sheehan provided an overview of the 2017 CAPER and a synopsis of the projects supported by CDBG and HOME funding.

Mayor McEnerny-Ogle opened the public hearing and received the following testimony:

- Amy Reynolds, Deputy Director of Share, thanked the City for the funding the organization had received and provided a synopsis of how they are using the funding and the leveraging ability it has provided.
- Steve Rusk, representing The Salvation Army, thanked the City for the funding the organization had received and provided anecdotal accounts from clients the organization was able to serve because of the funding.

There being no further testimony, Mayor McEnerny-Ogle closed the public hearing.

Councilmember Topper stated that it is clear a lot of good work is being done in regards to affordable housing. She noted that the CAPER reports the City's goals for 2017 and then provides the actuals that were met for various categories of services. She noted that most categories where a goal was not met, staff had included good explanations for why that is the case, except for the category of homeless and special needs homes served. Ms. Sheehan stated that the draft of the CAPER was written a couple of months ago and it is possible that number has been updated since then. She stated she would research the issue and provide Council with an update.

Councilmember Topper also noted that City had set a goal of serving 112 clients with Tenant-Based Rental Assistance (TBRA), but only 40 were served, and staff had explained in the CAPER that housing agencies have been unable to expend the amount of assistance that is available in this area. She asked the agency representatives present if they were still encountering challenges with finding landlords willing to rent to clients utilizing the TBRA voucher program. Mr. Rusk stated it can be challenging not just in finding landlords willing to rent but in finding housing that is truly affordable in general. Ms. Reynolds stated that the situation has improved but the agencies are working with people now who are harder to house for a variety of reasons. She stated some recent state legislation will go into effect the end of September that could help with this.

Motion by Councilmember Topper, seconded by Councilmember Hansen, and carried unanimously to approve the request.

4. Aegis Multi-Family Tax Exemption Agreement Staff Report 141-18

Councilmember Glover recused herself at 7:28 p.m. from discussion and action on this item, stating she sits on the Board of Directors for The Historic Trust.

Ms. Sheehan and Keith Jones, Senior Planner, provided staff comments. Mike True, representing The Academy, and Aaron Wigod, representing the applicant Marathon Development, provided comments on behalf of the project sponsors.

A RESOLUTION of the City Council of the City of Vancouver approving an agreement with East Evergreen Apartments LLC for property tax exemption.

Summary

An application for multi-family tax exemption under VMC 3.22 has been submitted for the following project. The general intent of multi-family tax exemption ordinance is to encourage development that provides places to live closer to employment, shopping, entertainment and transit services and encourage affordable housing opportunities. In addition to the housing development the applicant is proposing a mix of items considered public benefits noted below.

- *Providing new development in a low/moderate income neighborhood.*
- *Public plaza space with public art and historical information.*
- *Providing LEED certified building*

Aegis Academy Apartments

- 2 buildings of 5 and 6 stories / 162,854 sq. ft. residential development in VCCV sub-district
- 140 apartment units (28 Studios, 71 1BD/1BA, 41 2 BD/2BA) 12,808 sq. ft. commercial space
- 151 parking spaces available on-site
- Total development cost of ~\$41.36 million
- Qualifies for 8-year multi-family housing property tax exemption

The proposed project is located within the VCCV, one of two eligible target areas designated through the multi-family tax exemption ordinance. The 2007 VCCV subarea plan and Planned Action identified a need of approximately 4,600 new residential units downtown as an essential key to downtown vitality and support of businesses.

The addition of 140 units will add needed rental housing options for area residents.

Request: Subject to public hearing, adopt a resolution authorizing the City Manager or his designee to sign the Multi-Unit Housing Limited Property Tax Exemption Agreement with East Evergreen Apartments LLC.

Peggy Sheehan, Community Development Programs Manager, 487-7952

Mr. Jones provided an overview of the proposed project, noting that the City Council's role regarding this project pertains to the subject multi-family tax exemption agreement. Permitting of the project would fall under administrative review by the City's Development Review Services.

Mr. True and Mr. Wigod provided information pertaining to the history of the project and presented an overview of the features and the proposed public benefits to be included as part of the development.

Councilmember Turley asked what kind of considerations have been made regarding parking and public transit options. Mr. True stated many discussions have occurred regarding parking in relation to the Academy project as a whole. He stated there is still about a year before the development will break ground, which will provide time for the project developers to work with the City regarding the parking transition that will have to occur.

Councilmember Lebowsky stated the plans display a beautiful future development. She encouraged the project staff to reach out to the Clark County Arts Commission to see if there is an opportunity to work with local artists on the public art that will be incorporated into the development.

Councilmember Topper stated she was excited that this project would bring more than 12,000 square feet of commercial space, which would not be part of the tax exemption, to downtown, and would bring in revenue as well as increase the vitality of that part of downtown. She stated she was also very excited about the bike amenities for residents of the future development.

Councilmember Stober stated he loved the amenities and the integration of the project with downtown, especially the public plaza and seating planned for the site. He asked if there was an opportunity to add additional seating, such as benches, along the length of the building as well. Mr. Wigod stated the project was not yet at a place to determine that detail, but such potential benches would be in the public right-of-way, so it would be a decision for the City.

Mr. True thanked Mr. Wigod and Marathon Development for their willingness to go through a very public process in determining the final project, which is not common in the private sector. He stated the project had received support from a number of local agencies and organizations, and because of the public process, the community will see a much better project than originally envisioned.

Mayor McEnerny-Ogle opened the public hearing received the following testimony:

- Pat Jollota, representing The Historic Trust, spoke in support of the project and the MFTE agreement, noting that the tax abatement program has been very important to the Vancouver community and has played a central role in revitalizing downtown.
- Steve Becker, representing Vancouver's Downtown Association, spoke in support of this project and noted the VDA board unanimously voted to support it. He noted there are many communities in Washington with historic projects similar to the Academy that are dying for the kind of partner development like that of this project. He noted that this project pencils out and will ensure the future of the Academy.
- Marianne Russell, representing the St. James Historical Society, spoke in opposition to the project and the MFTE agreement and expressed concerns that the Academy would be blocked from view by the apartment building proposed. She stated the proposed design has been criticized by historic preservation officials because the Academy building will not be in full view.

There being no further testimony, Mayor McEnerny-Ogle closed the public hearing.

Councilmember Hansen stated the project looks fantastic and needs to be built, noting that currently there is an unimproved parking lot on the west side and a smokestack on the north side that threatens to fall down. He noted this is a prime location for this kind of development to make improvements to downtown east of Interstate 5 and leading into the Fort Vancouver Historic Site and the West Barracks area.

Mayor McEnerny-Ogle asked staff if the project meets the purpose of the City's tax exemption program. Ms. Sheehan stated it does, as the City's program allows for an exemption on market-rate units so long as the project also provides a public benefit. She noted that because it would be a market-rate project, rents would not be monitored for affordability, but the City does have ordinances in place to protect all renters. She also noted that the project would be paying property taxes for a time, as the exemption does not start until a project is built out and an occupancy certificate has been issued.

Mayor McEnerny-Ogle asked staff how feedback from the Historic Preservation Commission and staff at the Washington State Department of Archaeology and Historic Preservation impacts the project. Mr. Jones explained that the Academy is in an historic overlay zone, and as such City code requires the City consult with the Clark County

Historic Preservation Commission on projects like this. He explained the Commission did not take a vote in opposition to the project, but rather individual Commissioners had provided individual comments. Development Review staff met with the City Attorney's Office regarding these comments and determined that the project does meet the City's code. He noted in regards to views of the Academy, the views only need to be protected, not unobstructed, and he explained that the building setbacks and tearing down the old restaurant building on the south side of the site would satisfy that requirement. Mr. Jones explained the City had also received a letter from the State department of Archaeology and Historic Preservation with some staff suggestions in regards to scaling down the project, but there were no findings included in that letter, nor anything that would suggest the historic status of the Academy would be in jeopardy if this project is built.

Councilmember Lebowsky noted there is a planned action ordinance for this site and the project would fall under a Type 1 administrative review, and as such the applicant was not required to do the extensive outreach that took place with this project. She stated she was very supportive of the action in front of Council and the project in general, noting it is a development that will activate that corner of downtown and help finance preservation of the Academy building.

Councilmember Stober noted that he had observed old churches and historic buildings in Europe that have been dwarfed by modern development, and he does not see that potential with this planned project. He stated he does have concerns about the look of the apartment building, noting he does not like light-colored brick and worries it will not stand the test of time or mesh well with the look of the Academy. He stated he was disappointed the planned development is not incorporating a dark brick exterior.

Motion by Councilmember Hansen, seconded by Councilmember Topper, and carried unanimously adopted Resolution M-3979.

Councilmember Glover returned to the meeting at 8:17 p.m.

Communications

A. From the Council

B. From the Mayor

C. From the City Manager

Adjournment

8:38 p.m.

Anne McEnerny-Ogle, Mayor

Attest:

Natasha Ramras, City Clerk
By: Carrie Lewellen, Deputy 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.

2019-2024 Utility Capital Improvement Program (CIP) Update

VANCOUVER
CITY HALL



October 1, 2018

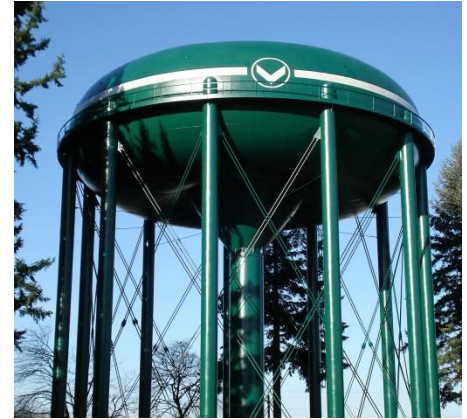
Vancouver City Council Workshop

Dan Swensen, Engineering and Construction Services Mgr.

Chris Malone, PW Finance and Asset Management Mgr.

Presentation Overview/Agenda

- Policies/Goals
- Program Summaries
 - Sewer
 - SCIP
 - Surface Water
 - Water
- Operations Center
- Next Steps



Key Policies/Goals

- “Take care of what you have”
- “Pay as you go” to the maximum extent possible
- Provide services at an affordable and equitable cost
- Systematically manage all public assets using Asset Management principles and best practices
- Small, incremental rate increases

Why Prepare a CIP?

- Council-adopted policy
- Best management practice
- Coordination & communication tool
- Roadmap for future investments
- Key information for *Total Cost of Ownership* or *Total Cost of Service*
- Prioritization for projects to ensure regulatory compliance

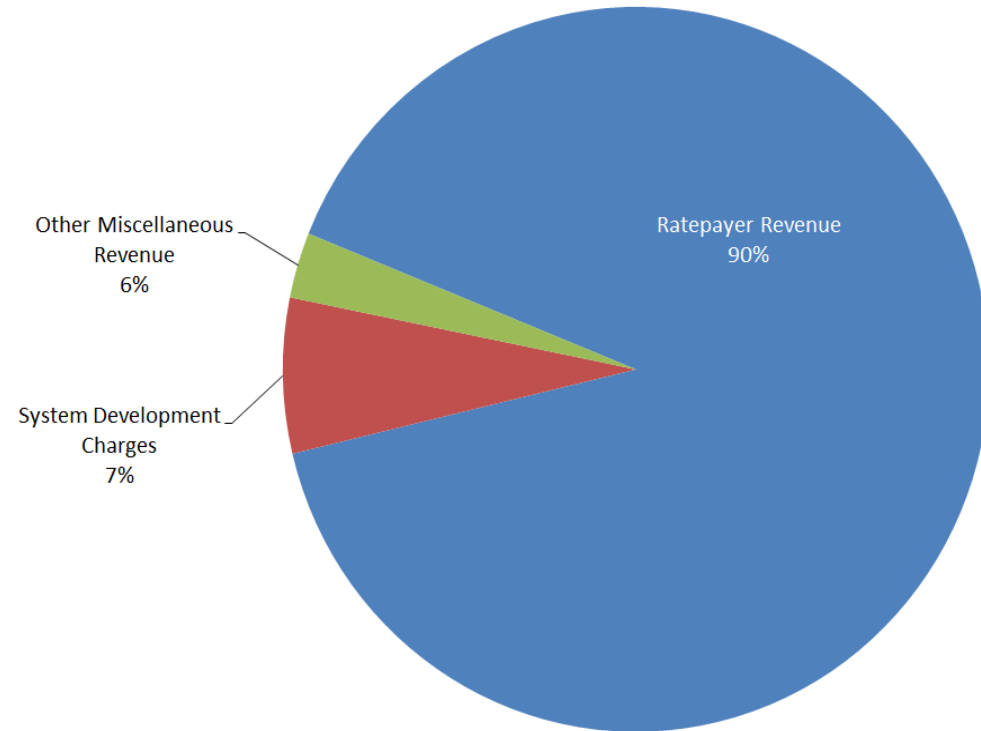
Sewer Utility: Snapshot

- In the past: Significant 20-year debt load for treatment plant construction/expansion
- Currently: As debt is paid off, revenues previously used for debt payments being reprogrammed for capital improvements, some of which have been deferred.
- Asset Management best practices used to identify/target increased capital efforts
- Council approved 3% yearly rate increase for 2017-2020
- Future major cost: SCADA process controls replacement at both Westside and Marine Park treatment facilities

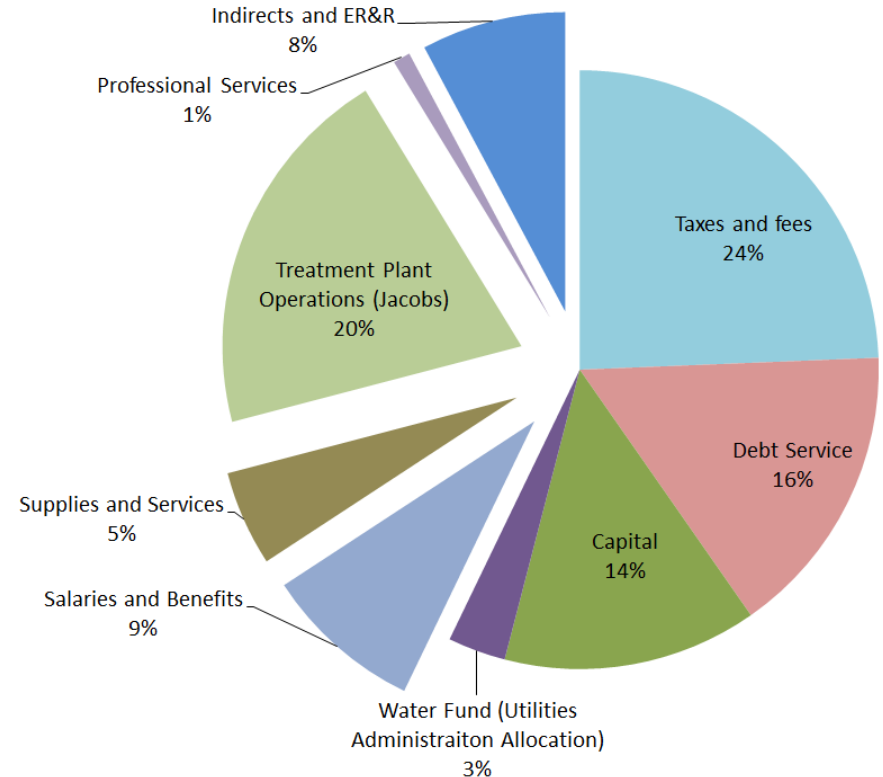


Sewer Utility: 2017 Revenues/Expenses

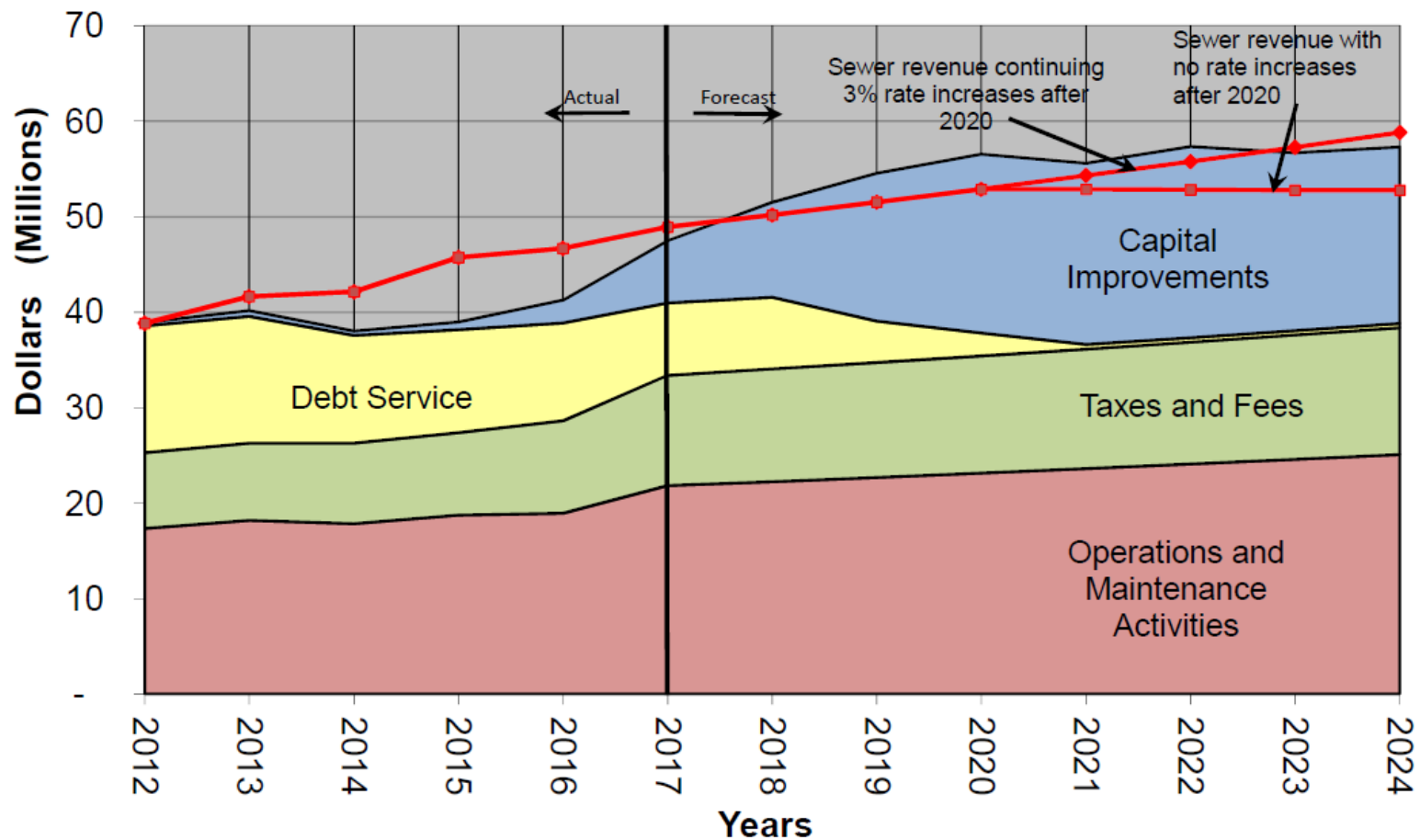
2017 Sewer Utility Revenues = \$48,915,430



2017 Sewer Utility Expenses = \$47,478,895



Sewer Expenses (2012-2024)



Sewer Key Upcoming Projects (2019-2024)

Collection System:

- Interceptor rehabilitation or repair (\$4 million per year starting 2019)
- Capital preservation of collection system (\$3 million starting in 2021)
- SCADA technology upgrades for pump stations

Treatment System:

- SCADA process control systems replacement at both plants
- Westside electrical and emergency switchgear replacements
- Completion of Westside emergency influent pump upgrades
- Westside industrial pretreatment lagoon equipment replacements/upgrades
- Incinerator project moved into future beyond 2024

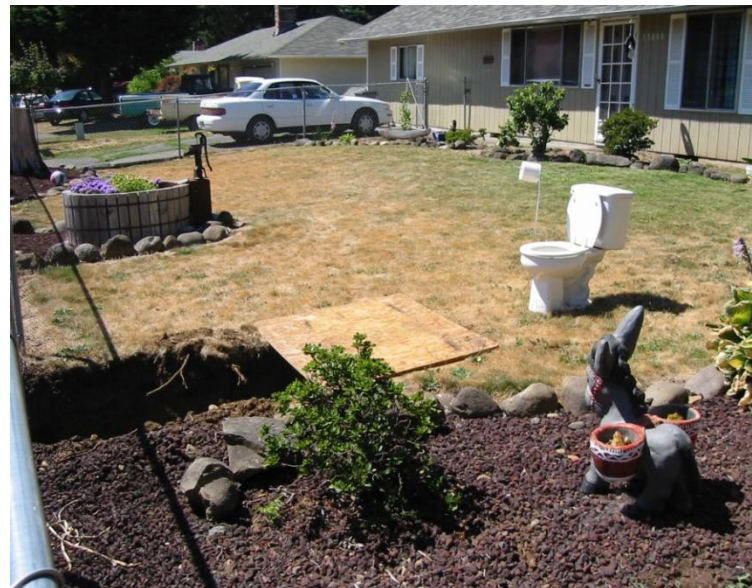
Sewer Connection Incentive Program (SCIP)

- Program initiated over 20 years ago
- Goal: Eliminate septic systems to help protect groundwater/surface water
- Removed many obstacles blocking the way to public sewer connection
- City builds sewer so it is immediately available when septic fails
- Residents connect using City-provided financing plan for sewer line in the street, system development charge, onsite plumbing and septic closure
- In-street sewer construction planned to be completed in 2024.

SCIP: Key Upcoming Projects (2019-2024)

- Central Vancouver (389 Homes)
- West Vancouver (216 Homes)
- East Vancouver (908 Homes / 2 projects)
- And More!

Projects in 2019-2020 alone will make sewer available to another 642 homes.



Surface Water Utility: Snapshot

- Surface water regulations, policies and practices continue to evolve and increase. New NPDES permit expected in 2019
- State grants acquired and leveraged toward stormwater projects, but funding is subject to state Legislature's budget priorities
- Criteria for grants don't necessarily match the local need for improvements
- Council approved 5% yearly rate increase 2017 to 2020. Allows for limited increased funding for capital project investment – mainly for grant leveraging

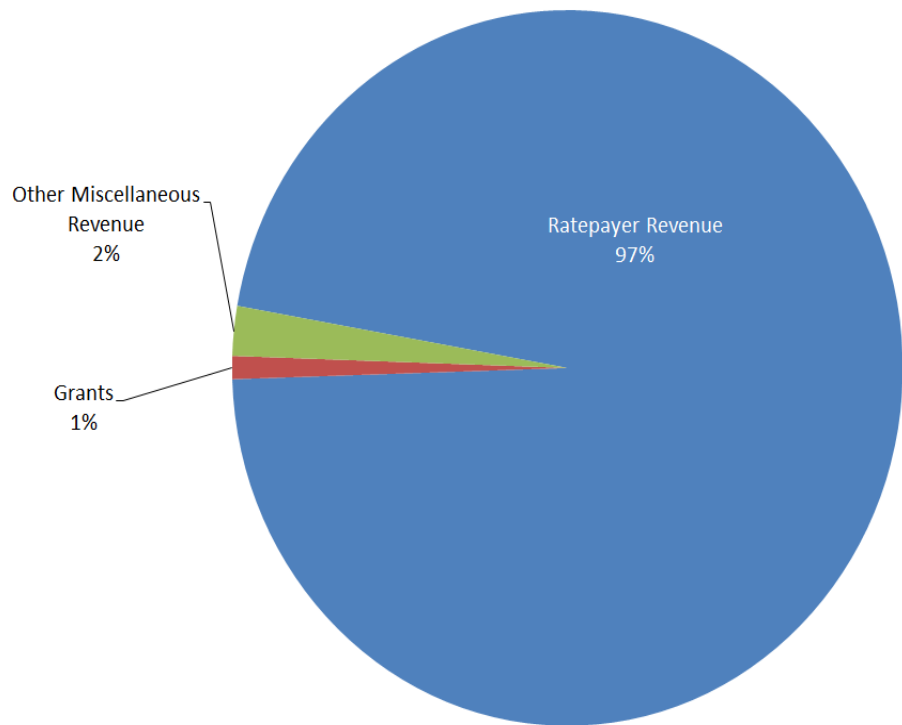
Surface Water Utility: Snapshot *continued*

- Capital projects are needed to address:
 - Regulatory compliance with NPDES requirements and coming 2019 permit
 - Localized flooding, arterial safety, substandard systems and retrofits.
 - Water quality opportunities through property acquisitions and low impact development projects

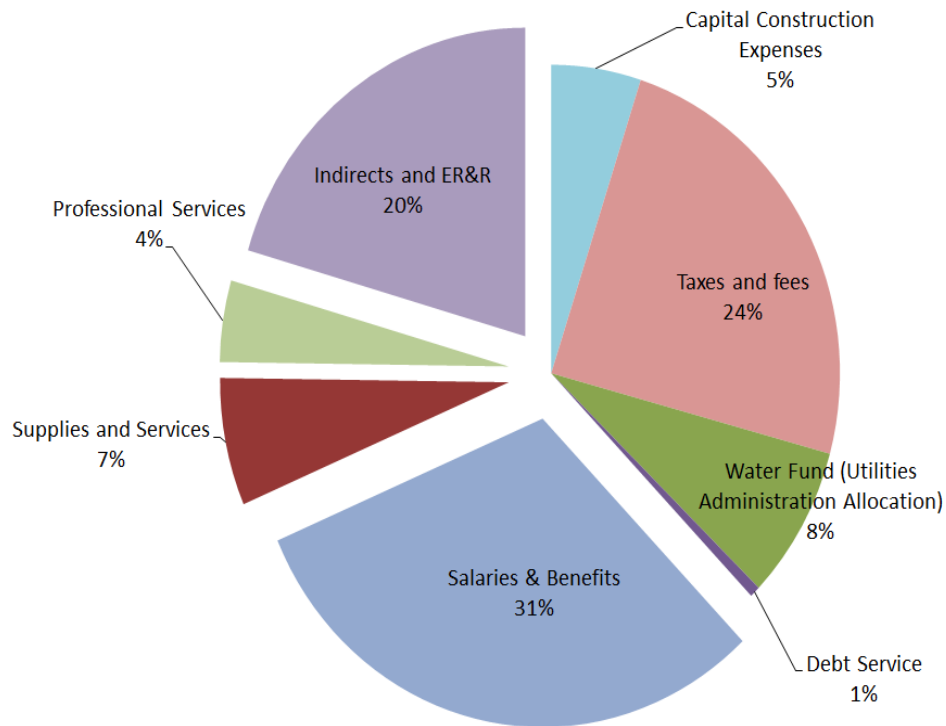


Surface Water Utility: 2017 Revenues/Expenses

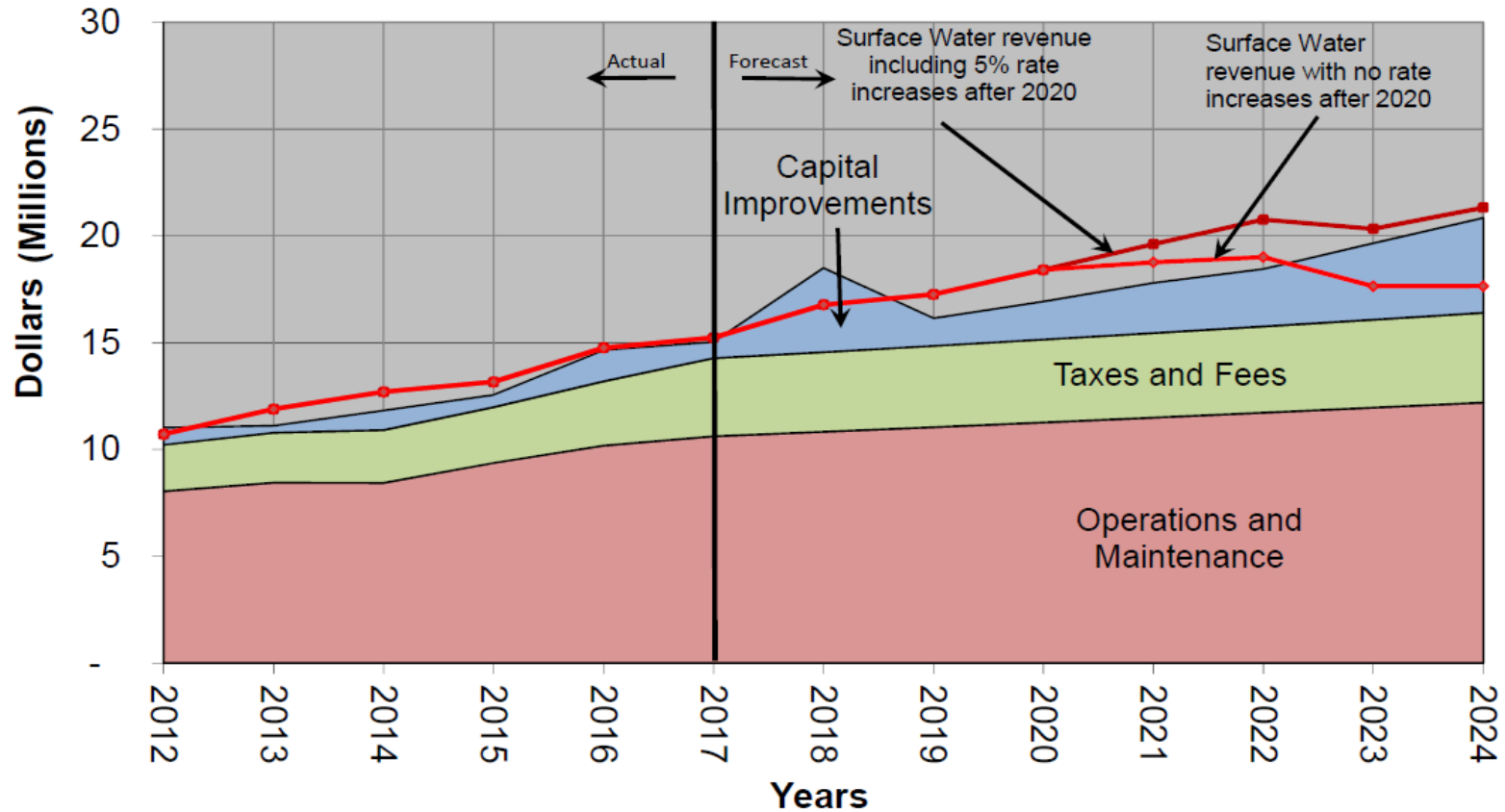
2017 Surface Water Utility Revenues = \$15,230,375



2017 Surface Water Utility Expenses = \$15,116,643



Surface Water Expenses (2012-2024)



Surface Water Key Upcoming Projects (2019-2024)

Arterial Safety Projects

- East Mill Plain Phase 2 (NE 184th Ave)

Regulatory Compliance Projects (Grant Funded)

- Lower Grand Industrial Area Pervious Pavement
- NE 162nd Avenue & 18th Street stormwater retrofit
- NE Fourth Plain (123rd Ave to 131st Ave) Retrofits
- Blandford Drive Sub-basin Low Impact Development (LID)
- Country Club Village Subdivision Retrofits

Water Utility: Snapshot

- Past focus on building distribution system
- Development has provided considerable distribution infrastructure
- Capital program was focused on needs; moving water from most productive areas to areas of greatest demand
- Recent capital expenditures almost \$13 million in 2017 – planned \$16M to \$20M/yr

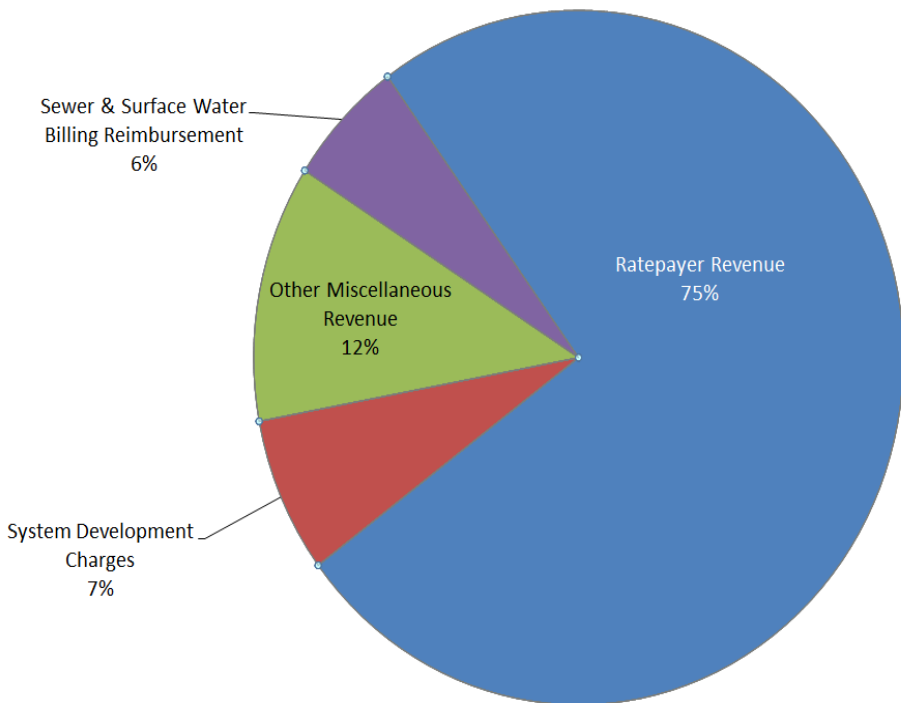


Water Utility: Snapshot *continued*

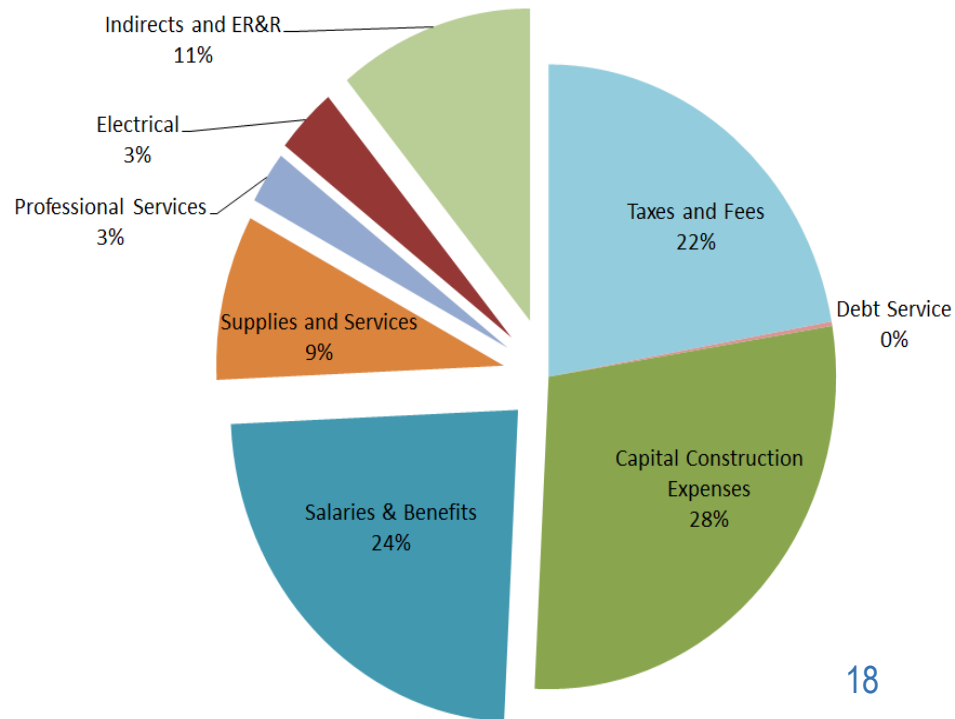
- Capital programs and projects focused on rehabilitation and/or replacement of worn out and obsolete facilities at water stations and in distribution system
- Water station and reservoir projects address aging infrastructure and seismic vulnerability
- SCADA and power projects provide modernization and improved reliability
- Council approved 5.5% rate increase in 2017 then 5% yearly rate increase for 2018, 2019, and 2020.
- Transmission Main construction program continues to advance

Water Utility: 2017 Revenues/Expenses

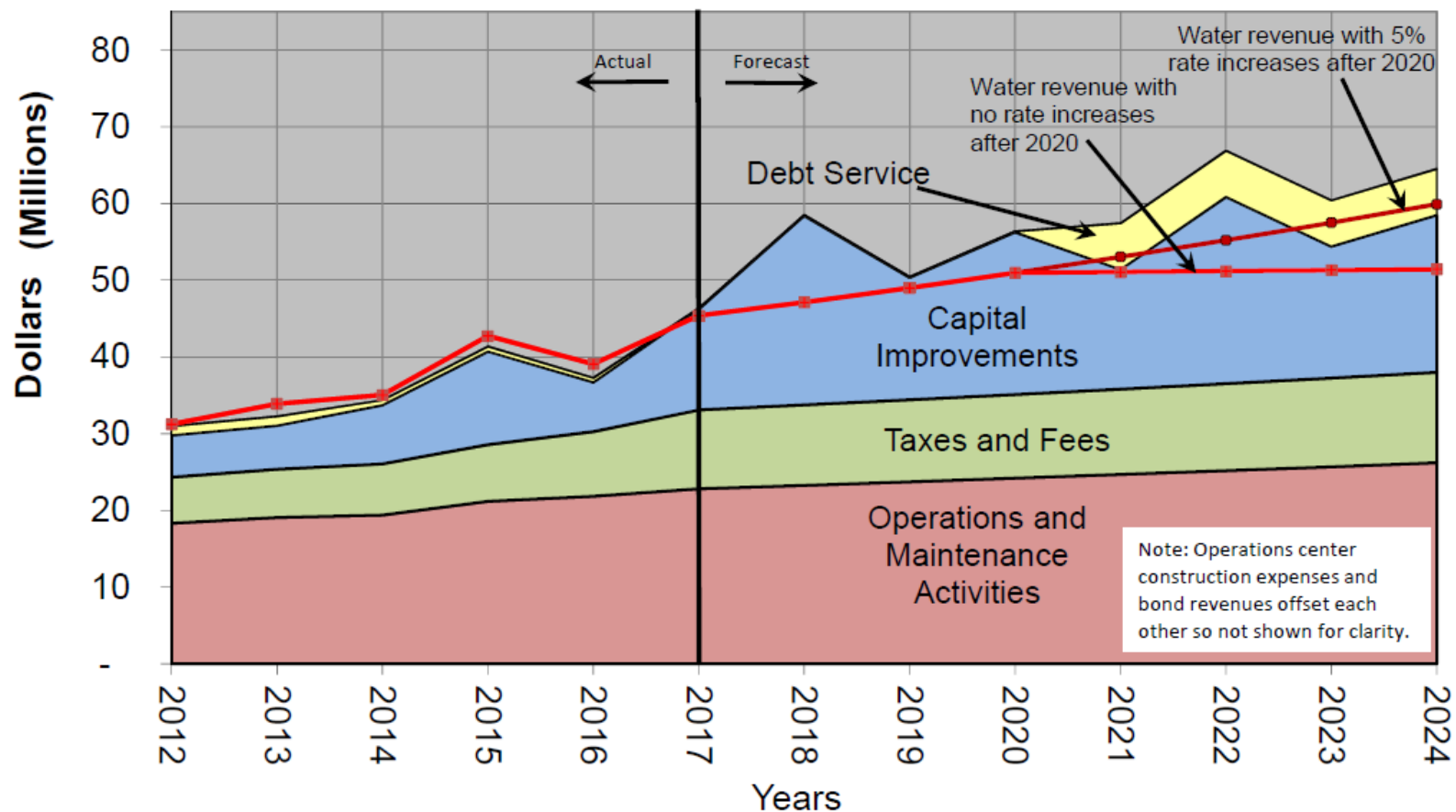
2017 Water Utility Revenues = \$45,384,838



2017 Water Utility Expenses = \$46,344,384



Water Expenses (2012-2024)



Water Utility Key Upcoming Projects (2019-2024)

- Water Station 1 Phase 1: Electrical upgrade, standby power and booster pump project close to completion now.
- Water Station 1 Phase 2: Includes reservoir replacement and security upgrades. Bids will open before end of 2018.
- SCADA controls system and ongoing project upgrades
- Ongoing water main replacement projects throughout service area
- Stations 5, 6, and 7 water tower seismic retrofits underway now
- Coming: Water Station 5 reservoir replacement

Operations Center: Where We Have Been Recently

- Preliminary planning and design demonstrated need for a costly and challenging project if existing site is to be used.
- Effort has shifted to look at other options and possible locations that would be less costly.
- Design effort currently on “hold”



Operations Center: Where We Are Going

- Alternative building site under consideration
- Alternate building site allows redevelopment of existing General Anderson site
- Anticipate construction to start early 2021; targeted completion late 2022
- **Significant one-time cost cannot be accomplished without debt financing.**
- Upcoming Council workshop to discuss funding strategies
- Preliminary estimates show project costs of \$125 million
- 60% (\$75M) will need to come from Utilities, 40% (\$50M) from General Fund.

“Always End with a Positive”

- S&P Global Ratings has raised its long term bond ratings for Vancouver’s Water and Sewer and Surface Water utilities
- Two rating point increase from “AA-” to “AA+”
- Justification for the increase cites “a very strong enterprise and financial risk profile”
- Justification includes recognition of
 - ✓ Strong financial policies and capital plans
 - ✓ Strong asset management program
 - ✓ Low debt ratios and affordable user rates
 - ✓ Good operational and financial management practices

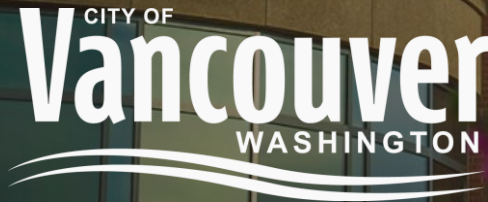
“Always End with a Positive” *continued*

The justification for rating increase ends with a discussion of the expected stability of revenues and expenditures in the future.

“The stable outlook reflects our expectation that the city will continue to implement timely and appropriate rate increases to preserve its current healthy financial profile as it funds its upcoming capital plan with available revenues and reserves.”

Questions and Discussion

- Dan Swensen, Engineering and Construction Services Mgr.
dan.swensen@cityofvancouver.us
- Chris Malone, Public Works Finance and Assets Manager
chris.malone@cityofvancouver.us



2019-2024 CIP Workshop 10/1/18 - 25



2019-2024 Capital Improvement Program (CIP)

Water | Sewer | SCIP | Surface Water

Letter from the Public Works Director

Vancouver's utilities provide critical core services to our community in support of essential public health, safety and well-being. The 2019-2024 Water, Sewer, and Surface Water Capital Improvement Program (CIP) is shaped by key City of Vancouver Utility principles and policies. More than 90 percent of the projects and efforts within this six-year program are focused on infrastructure rehabilitation and replacement, to continue to provide our community with safe, reliable services.

The Utility's overall objective is to provide quality services in a sound, financially stable and sustainable manner that serves the needs of current and future generations. In keeping with that objective, Vancouver Public Works continues to closely monitor and evaluate the Utility's future investment needs, which are influenced by several factors, including:

- Limited future growth in service areas
- Aging or obsolete systems requiring major repair and replacement
- Critical infrastructure vulnerable to natural disaster
- Continued increase in regulatory requirements
- Improving stormwater capacity in areas prone to localized flooding
- Increasing cost inflation in operations, construction, and materials
- Proactive/planned maintenance, repair, and replacement to provide ratepayers with cost-effective return and increased service reliability
- Need to address debt financing of major one-time expenditures and associated rate impacts

In accordance with our key principles and City Council policy, Vancouver Public Works strives to take care of the Utility's full infrastructure needs using the resources we have. This "Pay-As-You-Go" approach helps reduce long-term exposure to debt financing and the subsequent restrictions it imposes on future resources. With the continued support of regular, incremental rate adjustments, Water and Sewer utilities are on target to achieve this key goal in the coming years. Vancouver's Surface Water utility continues to adapt to changing regulatory requirements, and ongoing future rate adjustments will also be needed to address those increased requirements.

KEY PRINCIPLES and POLICIES

- "Take Care of What We Have"
- "Pay-As-You-Go" to the maximum extent possible
- Consistently manage all public assets following City Council-approved financial policies and Infrastructure Management best practices.
- Do not defer maintenance
- Apply a long-term perspective
- Adjust utility rates annually with periodic comprehensive reviews

Planned, incremental rate increases are currently in place through 2020 (5 percent annually for Water and Surface Water and 3 percent for sanitary sewer), providing rate predictability for customers as well as resource predictability for long-term operational and capital planning. Similar annual adjustments will continue to be needed beyond 2020 to account for increases in operations costs due to inflation and ongoing capital and system reinvestment needs. Where increases in the tax on City-owned utilities are implemented, additional adjustments will be needed so as to not erode Utility funding in order to compensate.

While “pay-as-you-go” will always be the goal, there are situations where debt financing may be the most feasible, cost-effective approach.

One such major project is the replacement of the City’s Operations Center, which has housed Public Works Operations since the late 1970s with few changes, despite considerable growth in City services, programs and population. Facility studies have identified significant deficiencies that need to be addressed for safety, reliability and continuity of services into the future. A new complex must be structurally capable of withstanding a seismic event, and offer improved efficiencies more suitable for day-to-day operations and maintenance of Utility infrastructure. Master planning for the facility is currently underway and regular updates are being provided through Council workshops.

Equally important to the CIP focus on capital infrastructure is how we operate and maintain Utility assets, which represent investments by our customers. We are continuing to improve upon asset management activities with technology-enabled data analysis to drive cost-effective asset repair and replacement. We are also utilizing technology to develop an easy-to-use, interactive way to access CIP information that we will be sharing with the community.

Our future depends upon our ability to invest in our utilities in a way that enhances and preserves our community’s livability, safety, economic and environmental well-being. As we navigate the challenges ahead, we will continue to seek out innovations and opportunities that will support our thriving community now and for future generations to come.

Highlights of the 2019-2024 Capital Improvement Program are shown in the table that follows.

Brian K. Carlson, P.E.
Director of Vancouver Public Works
City of Vancouver, Washington

2019-2024 Capital Improvement Program Highlights

KEY WATER PROJECTS/EFFORTS:

- | | |
|--|---|
| <ul style="list-style-type: none"> Continuation of the multi-phase upgrading of Water Station 1. This is a multi-phase project that will replace aging equipment and reservoirs, enhance emergency resilience, replace water production wells and increase security to this critical site, the backbone of our Water Utility. Ongoing multi-phased project to replace the SCADA network, the critical technology that controls our water production, storage, and distribution systems | <ul style="list-style-type: none"> Replacement of Water Station 5 ground-level reservoir, including upgrades to emergency power systems and booster pumping systems Continued individual projects aimed at completing the overall water distribution transmission network, allowing strategic movement of water from high-production areas to high-demand areas Ongoing upgrade and replacement of water mains throughout the distribution system that have been identified as high risk and/or high maintenance |
|--|---|

KEY SEWER PROJECTS/EFFORTS:

- | | |
|--|---|
| <ul style="list-style-type: none"> Ongoing, multi-phased project to replace the SCADA technology network for enhanced monitoring and operation of collection system pump stations and wastewater treatment plants Replacement of aging electrical supply and emergency power switch gear at the Westside Treatment Plant Completion of emergency influent pumping system with stand-alone back-up power systems at the Westside Treatment Plant Upgrade systems and equipment at the Industrial Pretreatment Lagoon for improved process performance and energy efficiency | <ul style="list-style-type: none"> Continued individual projects completing rehabilitation or replacement of sections of the collection system's large-diameter interceptor piping Replacement of the fluidized bed incinerator's heat exchangers at the Westside Treatment Plant Ongoing individual projects within the Sewer Connection Incentive Program (SCIP) bringing reliable sewer service to 1,738 more homes Ongoing rehabilitation or replacement of sewer mains throughout the collection system that have been identified as high risk and/or high maintenance |
|--|---|

KEY SURFACE WATER PROJECTS/EFFORTS:

- | | |
|---|---|
| <ul style="list-style-type: none"> Ongoing efforts using limited available capital funds to leverage grants to address surface water quality and quantity issues throughout Vancouver Small capital projects involving regulatory compliance and replacement of substandard systems | <ul style="list-style-type: none"> Implementation of new Stormwater National Pollutant Discharge Elimination System (NPDES) permit, scheduled to be issued by the state for the EPA in August 2019. It is expected to require new programs and design changes for source control and comprehensive stormwater planning; changes to local ordinances and infrastructure design standards; and increased water quality monitoring of watershed basins and stormwater facilities. |
|---|---|

WATER, SEWER, AND SURFACE WATER COMPREHENSIVE PLAN POLICIES (Adopted 11-7-2011)

- PFS-1. SERVICE AVAILABILITY (ALL UTILITIES): Consider water, sewer, police, transportation, fire, schools, storm water management and parks as necessary public facilities and services. Ensure that facilities are sufficient to support planned development.
- PFS-2. SERVICE STANDARDS (ALL UTILITIES): Establish service standards or planning assumptions for estimating needed public facilities, based on service capabilities, local land use designations and nationally recognized standards.
- PFS-21. WASTEWATER RECLAMATION: Eliminate health hazards from domestic and industrial wastewater and return clean water to the environment.
- PFS-22. SEWER SERVICE: Provide sewers and sewer service to every Vancouver home, business, and industry at an affordable and equitable cost. Discourage development that includes on-site sewage treatment systems. Encourage existing development using septic systems to connect to public sewer as soon as available. Ensure that the infrastructure to support sewer service is in place prior to or at the time of development.
- PFS-23. WATER SERVICE: Provide safe, clean, quality drinking water to every Vancouver home, business, and industry. Discourage development that includes private drinking water wells. Provide water pressures and volumes necessary to support fire suppression hydrants and sprinkler systems. Ensure that the infrastructure to support water service is in place prior to or at the time of development.
- PFS-24. SEWER AND WATER SERVICE EXTENSION: Public sewer and water service should not be extended outside the Vancouver urban growth area except to (a) Remedy a threat to public health or safety. (b) Remedy a threat to water resources, (c) Provide service to uses within the urban reserve district otherwise required to be served (d) Support development envisioned in a jurisdiction's comprehensive plan (e) Water service may be extended if it is consistent with the Clark County Coordinated Water System Plan and does not increase density beyond the adopted Comprehensive Plan. The existence or extension of sewer or water service should not be used to justify changes to the Comprehensive Plan.
- PFS-25. SURFACE WATER MANAGEMENT: Manage storm water to safely pass floodwaters, maintain and improve water quality of receiving streams, lakes, and wetlands, protect and enhance fish and wildlife habitat, promote recreational opportunities, and enhance community aesthetics.

ASSET MANAGEMENT COMPREHENSIVE PLAN POLICY (Adopted 12-16-2013)

- 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.

CAPITAL PLANNING AND ASSET MANAGEMENT FINANCIAL POLICIES (Adopted 5-7-2012)

- 31. 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.
- 32. **Asset Inventory** will be maintained with maintenance, repair and deferred maintenance costs identified and updated on an annual basis.
- 33. **Maintenance** of city assets shall be addressed on a current need, rather than deferred into the future.
- 35. 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.
- 36. **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.
- 37. The City's objective is to incorporate a "**Pay-As-You-Go**" approach (using available cash and current resources) in the Capital Improvement program.
- 38. 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.

39. 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.
40. 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.
41. The City will fund 100% depreciation of the current Utility assets on an annual basis. Goals by a specific utility are outlined below:
Water – effective 2011
Sewer – effective 2023
Surface Water – effective 2017
42. A **System Development Reserve** will be maintained to fund growth related capital costs. All systems development charge revenue will be contributed to the fund.



UTILITY FUNDING NARRATIVE

Each of the utilities has five components to their funding structure: Revenue, Expenses, Reserves, Debt, and Assets. In broad terms, Revenue is the money brought into the utility, Expenses are the moneys going out of the utility, Reserves are the moneys set aside for emergencies or capital work, Debt is the money owed on loans, and Assets are the value of the infrastructure/facilities and money held by the utility. Below is a general description of each component for the respective utilities.

Water

- Revenues consist of: Ratepayer revenue, System Development Charges (SDC), Grants, and miscellaneous revenue.
- Expenses consist of: Operations and maintenance activities, Taxes and fees, Loans made to other utilities, Debt service, and Capital improvements.
- Reserves consist of: Debt service reserve, Capital emergency reserve, Water construction reserve, Sewer Connection Incentive Program (SCIP) reserve.
- Debt consists of: Revenue bonds for capital improvements
- Assets consist of: Pipes and appurtenances, Water stations, Wells, Water rights, Real property/Easements, Distribution pumps, Operations and maintenance equipment, and cash.

Sewer

- Revenues consist of: Ratepayer revenue, System Development Charges (SDC), Loans, and miscellaneous revenue.
- Expenses consist of: Operations and maintenance activities, Taxes and fees, Debt service, and Capital improvements.
- Reserves consist of: Debt service reserve, Capital emergency reserve, Sewer construction reserve.
- Debt consists of: Revenue bonds for capital improvements, long-term Interfund loan from water.
- Assets consist of: Pipes and appurtenances, Pump stations, Wastewater treatment facilities, Real property/Easements, Operations and maintenance equipment, and cash.

Surface Water

- Revenues consist of: Ratepayer revenue, Loans, Grants, and miscellaneous revenue.
- Expenses consist of: Operations and maintenance activities, Taxes and fees, and Capital improvements.
- Reserves consist of: Surface water construction reserve.
- Debt consists of: State Revolving Loan (SRL) for capital improvements.
- Assets consist of: Treatment facilities, Conveyance facilities, Flow control facilities, Real property/Easements, Operations and maintenance equipment, and cash.

CAPITAL PROJECT JUSTIFICATIONS

Each utility works on capital projects that can be lumped into five broad categories: Regulatory compliance, improved safety, new systems, replace/preserve/rehabilitate systems, or lower operating costs. Regulatory compliance projects include capital work done in order to comply with new State or Federal requirements. Improved safety projects are capital projects undertaken in order to improve the public safety and welfare. New systems capital projects are undertaken in order to increase capacity or facilitate growth. Replace/preserve/rehabilitate system capital projects are undertaken in order to replace old infrastructure or prolong existing infrastructure's effective life. Lower operating costs projects include capital work done in order to increase efficiencies or to otherwise reduce operating costs. Many projects will overlap categories, but these five categories provide the justification for why most public works capital projects are undertaken. Below are examples of the types of projects that can be found in each category for the respective utilities.

Water

- (1)-Regulatory compliance: State (DOH) and Federal (EPA) projects.
- (2)-Improved safety: Fire flow improvements, seismic upgrades, and chemical system upgrades.
- (3)-New systems: Wells, pumps, treatment systems, controls, storage, and mains.
- (4)-Replace/preserve/rehabilitate systems: Wells, pumps, treatment systems, controls, storage, substandard and leaking mains.
- (5)-Lower operating costs: Water station upgrades and pump replacement.

Sewer

- (1)-Regulatory compliance: Improve discharge to water bodies and sludge burning (air quality).
- (2)-Improved safety: Groundwater protection improvements and Sewer Connection Incentive Program (SCIP).
- (3)-New systems: New trunk/interceptor/service mains and new pump stations.
- (4)-Replace/preserve/rehabilitate systems: Slip lining projects and pump station replacements.
- (5)-Lower operating costs: Treatment plant upgrades and pump replacement.

Surface Water

- (1)-Regulatory compliance: NPDES compliance projects and Underground Injection Control (UIC) retrofit.
- (2)-Improved safety: Flooding mitigation and groundwater protection improvements.
- (3)-New systems: New treatment, conveyance, or flow control improvements.
- (4)-Replace/preserve/rehabilitate systems: Swale retrofits and drywell relocation projects.
- (5)-Lower operating costs: Swale retrofits and flow control retrofits.

Water Utility



Water Utility Recent Financial History





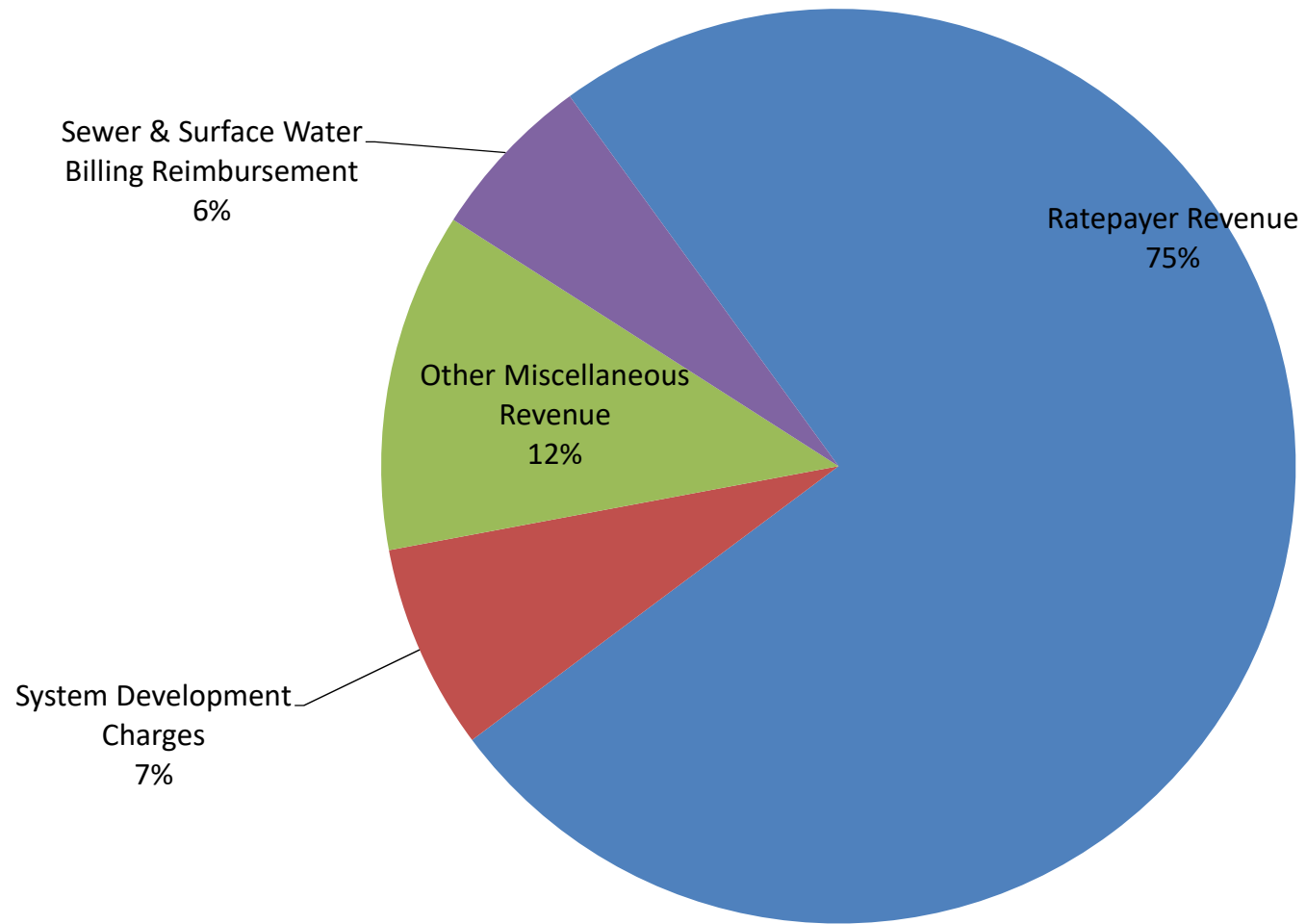
WATER FUND ACTIVITY (2012-2017)

	2012	2013	2014	2015	2016	2017
Revenue						
Ratepayer Revenue	23,859,970	25,071,155	26,598,003	29,459,874	30,532,514	33,943,175
System Development Charges	1,373,668	2,589,774	2,060,907	3,305,909	3,509,012	3,300,742
Grants	23,475	74,357	41,385	87,145	107,966	68,204
Sewer & Surface Water Revenue	2,277,210	2,425,296	2,437,063	2,672,571	2,791,383	2,698,260
Other Miscellaneous Revenue*	<u>3,710,699</u>	<u>3,737,647</u>	<u>3,903,125</u>	<u>7,221,121</u>	<u>3,995,010</u>	<u>5,374,457</u>
Total Revenue	31,245,022	33,898,229	35,040,483	42,746,620	40,935,885	45,384,838
Expenses						
Salaries & Benefits	9,163,087	9,576,113	9,761,371	10,128,946	10,416,991	10,888,560
Supplies and Services	2,841,969	3,132,304	3,864,162	4,031,296	3,484,423	3,964,448
Professional Services	921,786	913,658	643,348	717,470	1,291,475	1,256,302
Electrical	1,705,248	1,624,496	1,570,177	1,606,447	1,491,564	1,602,216
Indirects and ER&R	<u>1,416,381</u>	<u>1,406,584</u>	<u>1,115,950</u>	<u>2,028,397</u>	<u>5,152,546</u>	<u>5,099,613</u>
Operations & Maintenance Expenses	16,048,470	16,653,155	16,955,008	18,512,556	21,836,999	22,811,139
Taxes and Fees	6,018,686	6,275,322	6,681,153	7,386,940	8,438,588	10,274,352
Debt Service	1,195,069	1,198,701	645,471	645,738	554,504	104,040
Loans to the Sewer Fund						
Capital Construction Expenses	<u>5,466,778</u>	<u>5,700,078</u>	<u>7,653,864</u>	<u>12,146,035</u>	<u>6,435,864</u>	<u>13,154,853</u>
Expenses Subtotal	28,729,003	29,827,256	31,935,496	38,691,269	37,265,955	46,344,384
Depreciation	<u>4,751,066</u>	<u>4,407,994</u>	<u>4,441,149</u>	<u>4,525,061</u>	<u>4,688,224</u>	<u>4,811,167</u>
Total Expenses	33,480,069	34,235,250	36,376,645	43,216,330	41,954,179	51,155,551

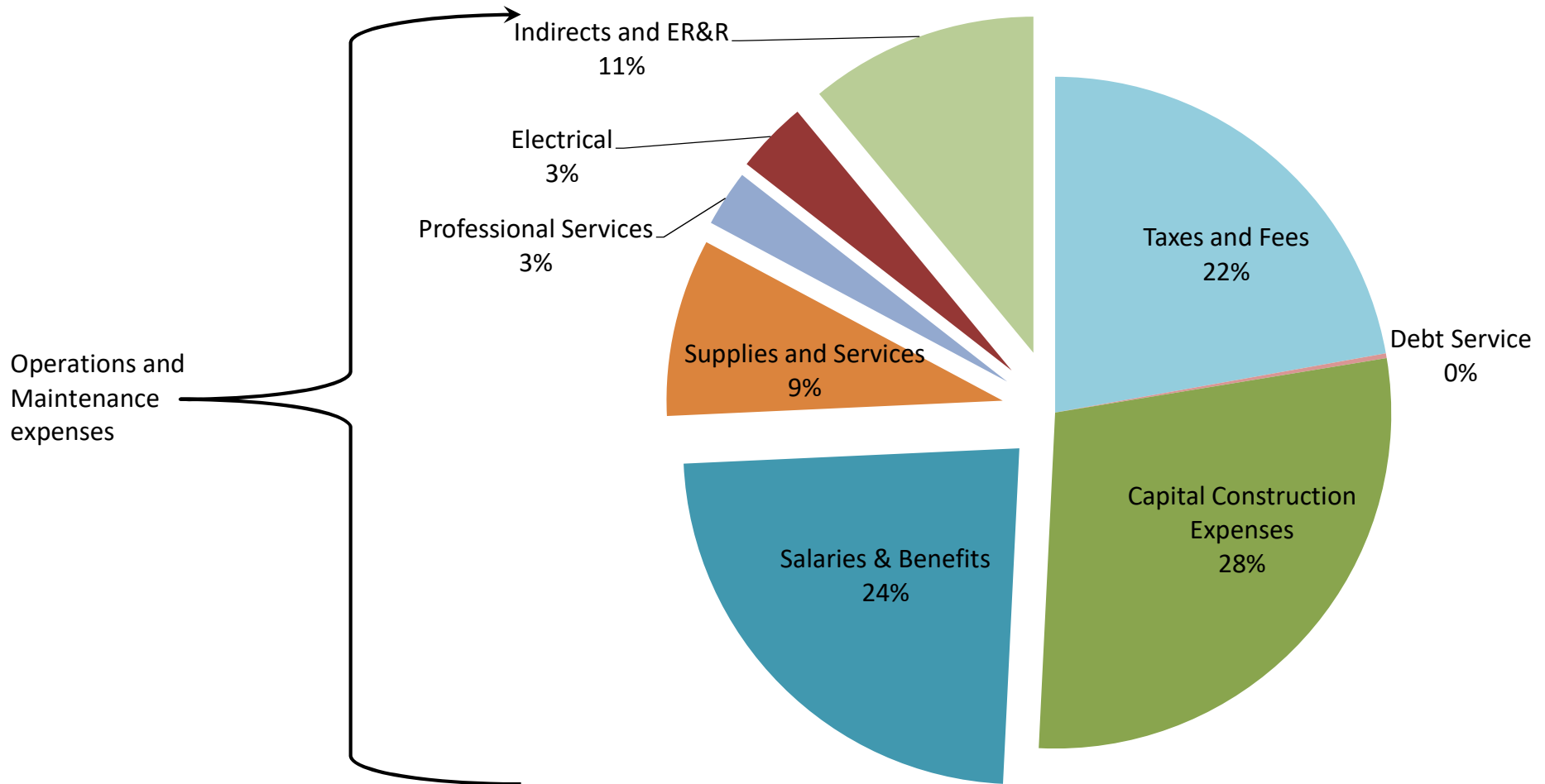
*Other Miscellaneous Revenues include items such as:

- Misc Fines & Penalties
- Interest Earnings
- Interfund Rents
- Service Installations
- Latecomer Fees
- Interfund Transfers
- Proceeds from Refunded Debt

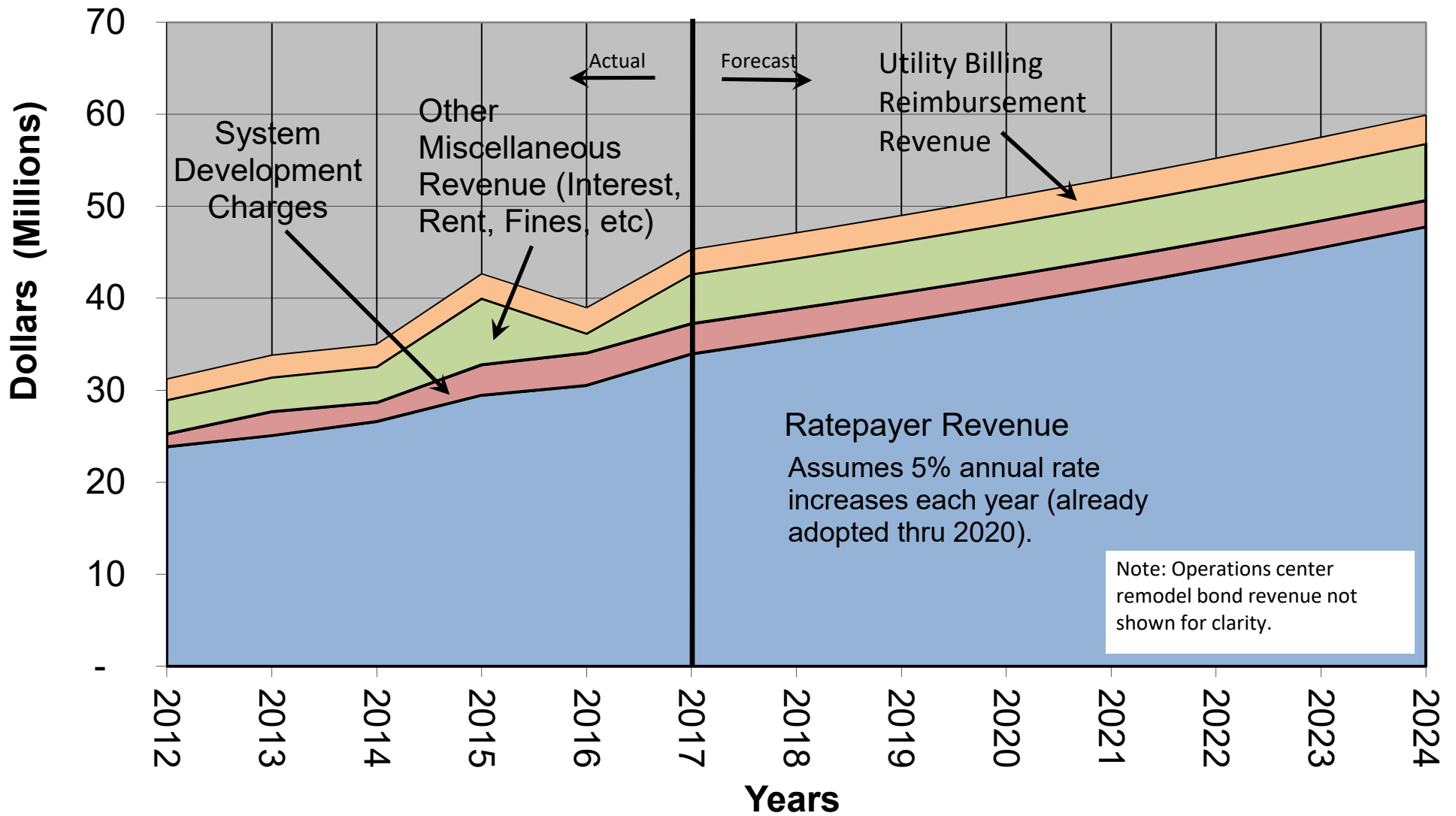
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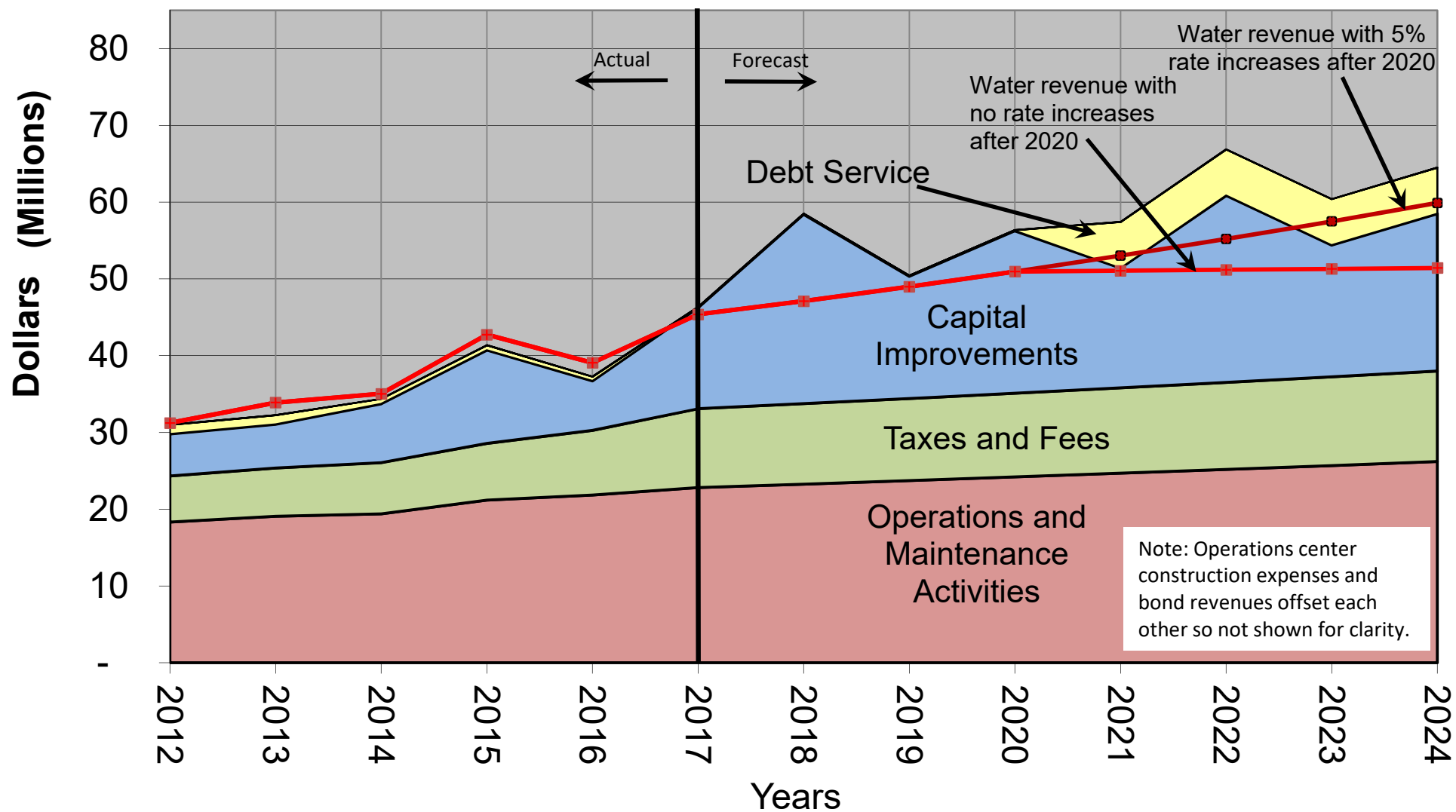
2017 Water Utility Expenses = \$46,344,384



Water Revenues (2012-2024)



Water Expenses (2012-2024)



Water Utility Project List



Water Utility CIP Changes

This page provides an overview of the changes from the previous 6 year project list (2018-2023) to this year's 6 year project list (2019-2024). The changes are segmented by: projects added; projects removed; and other.

<i>Projects Added</i>	<i>Project Number</i>	<i>Comments</i>
Water Production		
WS 14 Well MCC Replacement	WTR-147	New project for 110K in 2019
WS 5 Reservoir Drain	WTR-148	New project for 130K in 2018/2019
Ellsworth Valve Replacement	WTR-149	New project for 110K in 2019
Water Distribution		
Broadway – 9 th St to 17 th St	WTR-150	New project (\$830K budget) for 2018/2019
52 nd St – Daniels to Columbia	WTR-152	New project (\$45K budget) for 2021
Water Transmission		
18 th St-97 th Ave to 107 th Ave	WTR-153	New project (\$430K budget) for 2023/2024
SE 1 st St – 164 th to 192 nd Roadway Coordination	WTR-154	New project (\$360K budget) for 2020

<i>Projects Removed</i>	<i>Project Number</i>	<i>Comments</i>
Water Production -		
Sodium Hypo Gen System - WS#1 -	WTR-68	Carried forward into 2018
Water Distribution		
18 th St = Mission Hills Spill Remedies #083437		*Project Completed
28 th St – Grant to Daniels -#083448	WTR-87	*Project Completed
Alleys E/W of G St. – 19 th - 20 th St #083452	WTR-91	*Project Completed
SE Morgan Road – South of Middle Way #083454	WTR-93	*Project Completed
NE 124 th Ave Subdivision Oversize Main	WTR-151	Project completed in 2018
Grant St., 39 th to 41 st #083574St	WTR-121	*Project Cancelled
Water Transmission:		
Evergreen Trans Main Blandford to Sleret (T-26)	WTR-05	Project Cancelled
18 th St Transmission Main #083521	WTR-118	*Project Completed
NE 99 th St Transmission Main – 114 th to 120 th Ave #083528	WTR-10	*Project Completed

<i>Other Changes 2018</i>	<i>Project No.</i>	<i>Comments</i>
Sodium Hypo Gen System - WS#14 -	WTR-62	Carried forward into 2018
Pump House Roofing Replacement	WTR-99	Carried forward into 2018, added \$200K for 2019
Exploration for new Water Source	WTR-A1-7	Carried forward into 2018
WS 9 lead & Copper Pilot Study #083531		Carried forward into 2018
Sodium Hypo Gen System - Ellsworth	WTR-64	Budget increased \$250K to 750K
Sodium Hypo Gen System – WS 9	WTR-61	Budget increased \$550K to \$1.3M
WS 5 Reservoir, Pump, E- Power	WTR-101	Budget increased \$1M to \$25.6M
Sodium Hypo Gen System – WS 15	WTR-63	Budget increased \$100K to \$400K
Sodium Hypo Gen System – WS -7	WTR-103	Budget increased \$150K to \$450K
Sodium Hypo Gen System – WS 8	WTR-104	Budget increased \$140K to \$450K
WS 1-Replace Wells 3, 4 & 5	WTR-44	Budget increased \$1M to \$4M
WS 3 Reservoir/Tower Replacement	WTR-53	Budget increased \$5.5M to \$11.5M
45 th St Booster Pump Replacement	WTR-146	Budget increased \$300K to \$1.75M
Sodium Hypo Gen System – WS 4	WTR-145	Budget increased \$700K to \$1.2M
SCADA System Master Plan #083547	WTR-A1-25	2019 projects added include SCADA PLC/HMI Update, SCADA software and SCADA Firewall/Security/Data Connect/PLC Software
SCADA System Upgrade (2015-2018)	WTR-A1-29	carried forward into 2018
SCADA System Improvements PH 7&8 #083548	WTR-A1-25	Project moved forward into 2018
Port Water System Upgrade #083414	WTR-66	Budget increased \$330k in 2020
PRV/Flowmeters/SCADA	WTR-A1-12	Project carried forward into 2018
Alleys E & W of G St #083452	WTR-91	Project carried forward into 2018
Evergreen Liner 083492	WTR-132	Carried forward into 2018
W. Mc Loughlin #083449	WTR-88	Carried forward into 2018
Bunch Plastic – 4 th Plain & NE 103 rd Ave #083453	WTR-92	Carried forward into 2018
Bernie PRV Replacement #083555	WTR-55	Carried forward into 2018
49 th St – NE 15 th Ave to St Johns	WTR-36	Project moved out from 2017 to 2020
WS-5 to WS 9 Transmission Main	WTR-51	Budget increased \$800K to \$3.5M
39 th ST Washington St to I-5 #083694	WTR-135	Carried forward into 2018
NE 71 st St – NE 31 st Ave to NE 133 rd Ave #083695	WTR-136	Carried forward into 2018
Water Rights Study WS # 6, 8, 15	WTR-A1-28	Carried forward into 2018
NE 71 st St – NE 31 st Ave to NE 133 rd Ave (#083695)	WTR-136	Carried forward into 2018
NE 107 th Ave – NE 76 th St to NE 81 st St (#083696)	WTR-137	Carried forward into 2018
WS 5 Master Plan #083539		Carried forward into 2018

* Note 1. “Completed” indicates already completed as of the date of this document or anticipated completion prior to January 1, 2019.



6 YEAR CAPITAL IMPROVEMENT PROGRAM FOR WATER
(2019-2038)

Note: All costs are in 2018 dollars

Project Description	Project Type***	Replacement/E xpansion	Project Number	CIP #	*2018 Budget	2019	2020	2021	2022	2023	2024	Total
448 Water Construction Fund												
Water Production Projects												
PRODUCTION PROJECTS BY WELLFIELD:\												
Water Station 1 Standby Power Booster Station	S	E=25%	083402	WTR-37	4,521,183	-	-					-
Water Station 1 - Two 4 MG Reservoirs& Standpipe	ST	E=29%	083462	WTR-39	11,590,575	7,000,000	11,980,000	4,500,000	1,000,000			24,480,000
Water Station 1: Replace Wells 3, 4, and 5	S	Replacement	083544	WTR-44		-	-		4,000,000			4,000,000
Water Station 3 Master Plan	P	Neither	N/A	WTR-38		-	-		130,000			130,000
Water Station 3 Reservoir/Tower/Booster Replace	ST	Replacement	083545	WTR-53		-	-		500,000	2,500,000	8,500,000	11,500,000
Water Station 3 Replace Wells 1 & 2 with one well	S	Replacement	N/A	WTR-54		-	-					-
Sodium Hypo Gen System WS 4	S	Replacement	N/A	WTR-145		-	-			1,200,000		1,200,000
Water Station 4 Replace Well 1	S	Replacement	N/A	WTR-43		-	-					-
Water Station 4 Well 4 Building Replacement	S	Replacement	083549	WTR-67		-	400,000					400,000
WS 5 Master Plan	P	Replacement	083539	N/A	300,000	-						-
Water Tower 5,6,7 Seismic Improvements	ST	Replacement	083535	WTR-A1-6	1,250,000	55,000	-					55,000
WS 5 Reservoir, Pump, E-Power	ST	Replacement	083537	WTR-101		30,000	1,000,000	5,000,000	13,000,000	6,570,000		25,600,000
WS 5 Tower Internal Coating	ST	Replacement	083550	WTR-106		-	500,000					500,000
Water Station 5 Reservoir Drain	ST	Replacement	083715	WTR-A1-27	90,000	40,000	-					40,000
Water Station 5 External Coating	ST	Replacement	N/A	N/A		-	-					-
Water Station 6 Well/Treatment Install	S	Expansion	083534	WTR-69		-	-					-
WS 6 Tower Internal/External Coating	ST	Replacement	083552	WTR-107		1,000,000	-					1,000,000
WS 7 Hypo Gen System	S	Replacement	083541	WTR-103		-	-	450,000				450,000
Water Station 7 Greensand	S	Replacement	N/A	N/A		-	-					-
WS 7 Tower Internal Coating	ST	Replacement	083551	WTR-108		-	-	600,000				600,000
Water Station 8 Replace Wells 2 & 3	S	Replacement	N/A	WTR-68		-	-					-
WS 8 Hypo Gen System	S	Replacement	083542	WTR-104		-	-	450,000				450,000
Sodium Hypo Gen System WS 9	S	Replacement	083533	WTR-61		800,000	500,000					1,300,000
Station 9 Reservoir Roof Repairs		Replacement	083518	WTR-133	151,659	-	-					-
WS 9 Lead & Copper Pilot Study	P	Neither	083531	WTR-100	100,000	-	-					-
Sodium Hypo Gen System WS 14	S	Replacement	083461	WTR-62	397,324	-	-					-
WS 14 Well MCC Replacement	S	Replacement	083725	WTR-147		110,000	-					110,000
Sodium Hypo Gen System WS 15	S	Replacement	083540	WTR-63		-	400,000					400,000
Water Station 15 Wells 1-4 Replacement	S	R=30%, E=70%	N/A	WTR-65		-	-					-
Sodium Hypo Gen System Ellsworth	S	Replacement	083532	WTR-64		650,000	100,000					750,000
Ellsworth Well Rehabilitation	S	Replacement	083460	WTR-16	30,000	-	-				300,000	300,000
Ellsworth Greensand Replacement	S	Replacement	N/A	N/A		-	-					-
Ellsworth Well Replacement	S	Replacement	N/A	N/A		-	-					-
Ellsworth Valve Replacement	S	Replacement	083726	WTR-149		110,000						110,000
Westside Wellfield Property	S	Expansion	N/A	WTR-A1-24		-	-					-
Westside Wellfield Construction	S	Expansion	N/A	WTR-A1-24		-	-					-
PRODUCTION PROJECTS - OTHER:												-
Pump House Roofing Replacement	S	Replacement	083490	WTR-99	139,900	200,000	-					200,000
Exploration for New Water Source	S	Expansion	083530	WTR-A1-17	50,000	-	-					-
Treatment Regulations Compliance	S	Expansion	N/A	WTR-A1-23		-	-			1,000,000		1,000,000
45th St Booster Pump Station Replace	S	Replacement	N/A	WTR-146		-	-				1,750,000	1,750,000
Study for Adding a 4th Pump at St. Johns	P	Expansion	N/A	N/A		-	-					-
Study for Additional HH Tanks	P	Expansion	N/A	N/A		-	-					-
Reservoir Install Southeast	ST	Expansion	N/A	N/A		-	-					-
Standpipe in NE	ST	Expansion	083536	N/A		-	-					-
SCADA Projects												-
Scada System Upgrade(2015-2018)	S	Replacement	083496	WTR-A1-29	731,773	-	-					-
SCADA System Master Plan	P	Neither	083547	WTR-A1-25	41,221	-	-					-
SCADA Improvements Ph. 7&8	S	Replacement	083548	WTR-A1-29	500,000	-	-					-
SCADA Firewall/Security/Data Concent/PLC Software		Expansion	083496	WTR-A1-29		506,000	210,000	255,000				971,000
SCADA PLC/HMI Upgrade		Expansion	083496	WTR-A1-29		-	-		62,000	139,000	31,000	232,000
SCADA Software		Replacement	083496	WTR-A1-29		-	53,000	23,000				76,000
Water Distribution Projects												-
18th Street - Mission Hills Spill Remedies (Water)	S	Neither	083437	N/A	54,610	-	-					-
Port Water System Upgrade	T	Expansion	083414	WTR-66	385,197	-	300,000					300,000
PRV Flowmeters/Scada System Connections	D	Expansion	083332	WTR-A1-12	114,652	114,652	-					114,652
Alleys E & W of G St - 19th St to 20th St	D	Replacement	083452	WTR-91	12,191	-	-					-
Evergreen Liner	T	Replacement	083492	WTR-132	304,532	-	-					-
28th St - Grant to Daniels Water Main	D	Replacement	083448	WTR-87		-	-					-
W McLaughlin - Lincoln to Kaufman Water Main	D	Replacement	083449	WTR-88	48,355	-	-					-
4th Plain Church of the Nazarene		Replacement	083524	N/A	33,543	-	-					-
Bunch Plastic - 4th Plain & 103rd Ave	D	Replacement	083453	WTR-92	35,000	-	-					-
Bernie PRV Replacement	D	Replacement	083555	WTR-55	214,014	-	-					-
99th St Transmission Main - 114th to 120th Ave	T	Expansion	083528	WTR-10	2,025	-	-					-
124th Ave Subdivision Oversize Main			083706	WTR-A1-27	3,654	-	-					-
39th St Washington to I-5	D	Replacement	083694	WTR-135	557,529	-	-					-
NE 71st St - NE 131st Ave to NE 133rd	D	Replacement	083695	WTR-136	17,262	-	-					-
107th Ave - NE 76th St to NE 81st Way	D	Replacement	083696	WTR-137	290,000	-	-					-
NE 59th Ave and 40th St	D	Replacement	083697	WTR-138	182,366	-	-					-
Evergreen Hwy - Ellsworth East	T	Replacement	083698	WTR-139	245,000	-	-					-
8th St and Hill St	D	Replacement	083699	WTR-140	55,000	-	-					-
Broadway - 9th St to 17th St	D	Replacement	083556	WTR-150	100,000	730,000	-					730,000
WS 5 to WS 9 Transmission Main	T	Expansion	083557	WTR-51	1,000,000	2,500,000	1,000,000					3,500,000
WS 5 Tank Altitude Valve	ST	Expansion	083558	WTR-110		-	120,000					120,000
Water Main NE 49th St - NE 15th Ave to 40th Ave	D	Replacement	083440	WTR-36		-	100,000	805,000				905,000
99th St Extension, 94th Ave to 104th Ave County	T	Expansion	083560	WTR-109	560,000	-	20,000	600,000				620,000
*SE 1st St - Transpo Coord	D	Expansion	N/A	WTR-153		-	360,000					360,000
VL Rezone South of WS 1	D	Neither	N/A	WTR-143		-	-		310,000			310,000
*18th St - 97th Ave to 107th Ave Water Main		Expansion	N/A	N/A						150,000	280,000	430,000
SCIP Coordination Projects	D	Replacement	083563	WTR A1-10	100,000	100,000	100,000	100,000	100,000	100,000	100,000	600,000
Leak Abatement	D	Replacement	083562	WTR-A1-3		600,000	600,000	1,000,000	500,000	1,000,000	600,000	4,300,000
Water Demand Response	D	R=50%,E=50%	083553	WTR-A1-27	210,000	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
99th St Transmission Main - 140th Ct to Ward Rd	T	Expansion	083561	N/A		-	-					-
SR 500/I-5 Interchange (move 24")*	T	Replacement	083564	WTR-49		-	-					-
Other Water Projects												-
Water System Comp Plan	P	Neither	N/A	N/A		-	-					-
New Projects Master Plan Studies												-
O&M Program Electronic Manual	P	Neither	083565	WTR-A1-112		50,000	-					50,000
Study for Heights High HGL Balance	P	Neither	083566	WTR-A1-114		200,000	100,000					300,000
Water Rights Utilization Study WS 6,8,15	P	Neither	083458	WTR-A1-28	148,972	60,000	-					60,000
VA Study, Emergency Response Plan, Water Shortage	P	Neither	083568	WTR-A1-113	18,678	-	-					-
New Projects Master Plan Distribution												-
Ash St. - south of 17th St. (D-18)	D	Replacement	083571	WTR-117	75,000							-
41st St. and 43rd St., Lincoln Ave. to Daniels St. (D-10)	D	Replacement	083570	WTR-116		740,000						740,000
17th St. to McLoughlin Blvd., F St. to I-5 (D-3)	D	Replacement	083569	WTR-115		-	-	150,000				150,000
52nd St - Daniels to Columbia (D-06)	D	Replacement	N/A	WTR-152		-	-	45,000				45,000
New Projects Master Plan Transmission												-
**18th St Trans Main-136th to 162nd (T-40 ph2)		Expansion	N/A	WTR-119								-
4th Plain Blvd., 36th Ave. to Lincoln Ave. (T-3)	T	Expansion	083575	WTR-122		550,000	1,800,000					2,350,000
Daniels St. to Main St., 19th St. to 4th Plain Blvd. (T-6)	T	Expansion	083576	WTR-123		-	-		740,000			740,000
E St., 16th St. to 22nd St. (T-7)	T	Expansion	083577	WTR-124		-	-		380,000			380,000
4th Plain Blvd. and 25th St., Loncoln Ave. to Grant St. (T-4)	T	Expansion	083578	WTR-125		-	-		390,000			390,000
Haagen Park, north of 9th St. (T-37)	T	Expansion	083579	WTR-128		-	-		210,000			210,000
WS 5 to Evergreen Trans Main Blandford (T-51)	T	Expansion	083573	WTR-120		-	-			932,000		932,000
25th St. , Grant St. to Franklin St. (T-5)	T	Expansion	N/A	WTR-126		-	-			70,000		70,000
Mill Plain Blvd. - 124th Ave. to 131st Ave. (T-46)	T	Expansion	N/A	WTR-130		-	-			825,000		825,000
9th St. to 18th St., 112th Ave. to 129th Ave. (T-36)	T	Expansion	N/A	WTR-127		-	-				5,300,000	5,300,000
**Transmission Main - Burton Rd (T-34)	T	Expansion	N/A	WTR-6		-	-					-
Chkalov Dr., south of Mill Plain Blvd. (T-45)	T	Expansion	N/A	WTR-129		-	-					-
Total Water Project					24,661,215	16,445,652	19,943,000	14,278,000	21,622,000	14,786,000	17,161,000	104,235,652

* 2018 Budget amounts include projected 2017 carry-forward
**Project timing is dependent upon the timing of the overriding project.
***P=Planning; T=Transmission; D=Distribution; ST=Storage; S=Supply



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: SEISMIC EVALUATION TOWERS AND RESERVOIRS

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

2 - Seismic evaluation needed due to age and lack of seismic requirements at the time the structures were constructed. The evaluation will help determine if upgrades or replacement are necessary.

Project Description / Comments

Several reservoirs and towers within the water system are in need of a seismic evaluation due to age and lack of proper design. Project will evaluate specific towers and propose necessary modifications for upgrade or replacement.

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

Budget / Proj. #:	083535
Budget / Proj. Task #:	
Total Project Cost:	\$1,305,000.00
*Start of Const. (Year):	2014

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: EXPLORATION FOR NEW WATER SOURCE

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

1 - Compliance with regulations for demand planning - as required to meet the future system demand.

Project Description / Comments

Searching for additional water sources for future use.

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

Budget / Proj. #:	083530
Budget / Proj. Task #:	
Total Project Cost:	\$50,000.00
*Start of Const. (Year):	2018

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: SCIP COORDINATION PROJECTS

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

4 - Replace/preserve/rehabilitate aging main or substandard pipe materials in the distribution system.

Project Description / Comments

Funded for \$100,000 per year, this provides budget money for future coordination work during Sewer Connection Incentive Program. Projects replace aging main or substandard pipe materials in the distribution system. substandard water main.

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

Budget / Proj. #:	083563
Budget / Proj. Task #:	
Total Project Cost:	\$600,000.00
*Start of Const. (Year):	2018

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: PRV FLOWMETERS/SCADA SYSTEM CONNECTIONS

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

2 - Improve system safety by improving reliability of data collection throughout the water system.

Project Description / Comments

Provides SCADA system connection to support improved operations and system monitoring capabilities. This upgrades our existing data collection capability for system operating pressures and flows, at all pressure reducing valves

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

Budget / Proj. #:	083332
Budget / Proj. Task #:	
Total Project Cost:	\$324,862.00
*Start of Const. (Year):	2018

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: TREATMENT REGULATIONS COMPLIANCE

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

1 - Compliance with Regulations

Project Description / Comments

Budget provided for unforeseen projects as needed to meet future changes to drinking water regulations. This could include additional treatment and/or storage requirements should regulations increase in the future.

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

Budget / Proj. #:	N/A
Budget / Proj. Task #:	
Total Project Cost:	\$1,000,000.00
*Start of Const. (Year):	2023

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: SCADA SYSTEM MASTER PLAN

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

4 - Replace/preserve/rehabilitate - A plan is needed to establish the long term replacement needs of the system.

Project Description / Comments

Project budget to review existing SCADA system and the long term needs to ensure system reliability. SCADA technology changes every year, and must be updated regularly to maintain reliable system control and monitoring capabilities.

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

Budget / Proj. #:	083547
Budget / Proj. Task #:	
Total Project Cost:	\$30,000.00
*Start of Const. (Year):	2017-2026

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WATER DEMAND RESPONSE

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

4-Replace/preserve system.

Project Description / Comments

General Line Item for all Demand Response Projects. Funds are set aside for unexpected project that come up during the budget cycle. Funds are typically used to purchase parts for developers on oversize main installation projects. This project covers otherwise unscheduled work during roadway coordination, emergency work, or oversized mains associated with developments. Helps build needed improvements while roadways are under construction. Recent projects include #083706 - NE 124th Ave Subdivision Oversize Main (\$3,654) and #083715 WS 5 Reservoir Drain (\$140K).

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

Budget / Proj. #:	083553
Budget / Proj. Task #:	
Total Project Cost:	\$1,800,000.00
*Start of Const. (Year):	2018

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

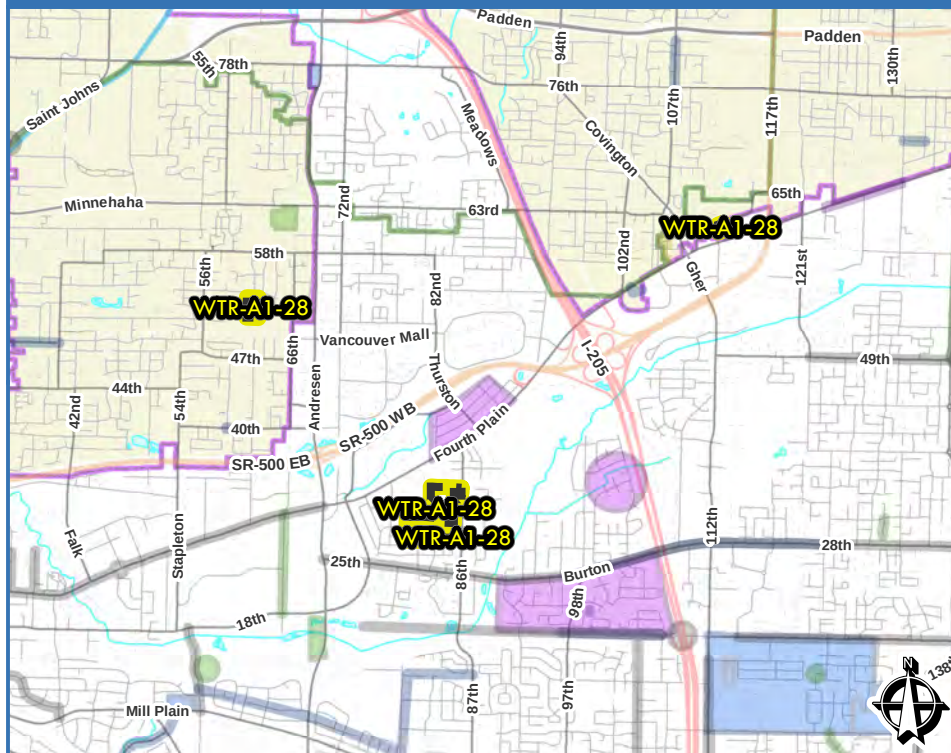
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **WATER RIGHTS UTILIZATION STUDY WS 6, 8, 15**

PROJECT AREA MAP



LEGEND



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

1 - Compliance with regulations - to improve our use of existing water rights

Project Description / Comments

We are working on identifying strategies to improve our use of existing water rights. Project budget to hire a hydrologist to conduct wellfield studies to determine if wells can be replaced to increase production.

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083458
Budget / Proj. Task #:	
Total Project Cost:	\$200,000.00
*Start of Const. (Year):	2018

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: SCADA SYSTEM UPGRADE (2015-2018)

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

2 - Improve safety by making continuous improvement to the SCADA system.

Project Description / Comments

Update the SCADA system software to Wonderware and include all associated hardware at all Water Stations. Project budget to improve reliability for system monitoring and operations, improve system redundancy and operational monitoring and reporting capabilities. Placeholder for ongoing upgrades to the SCADA system as technology continues to improve. New scope added for 2019-2024 6 yr CIP: 1) SCADA Firewall/Security/Data Connet/PLC SoftWare \$971,000; 2) SCADA PLC/HMI Software - \$232,000; 3) SCADA Software - \$76,000

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

Budget / Proj. #:	083496
Budget / Proj. Task #:	
Total Project Cost:	\$5,500,000.00
*Start of Const. (Year):	2023

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: VULNERABILITY ASSESSMENT, EMERGENCY RESPONSE PLAN, WATER SHORTAGE

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

1 - Compliance with regulations - New Water Shortage Response Plan as needed for compliance with WDOH water system regulation

Project Description / Comments

Create Water Shortage Contingency Plan - to identify and document water system curtailment process, and public notice procedures, in the event of a water shortage. As recommended by our most recent Water System Comprehensive Plan.

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

Budget / Proj. #:	083568
Budget / Proj. Task #:	
Total Project Cost:	\$50,000.00
*Start of Const. (Year):	2017

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

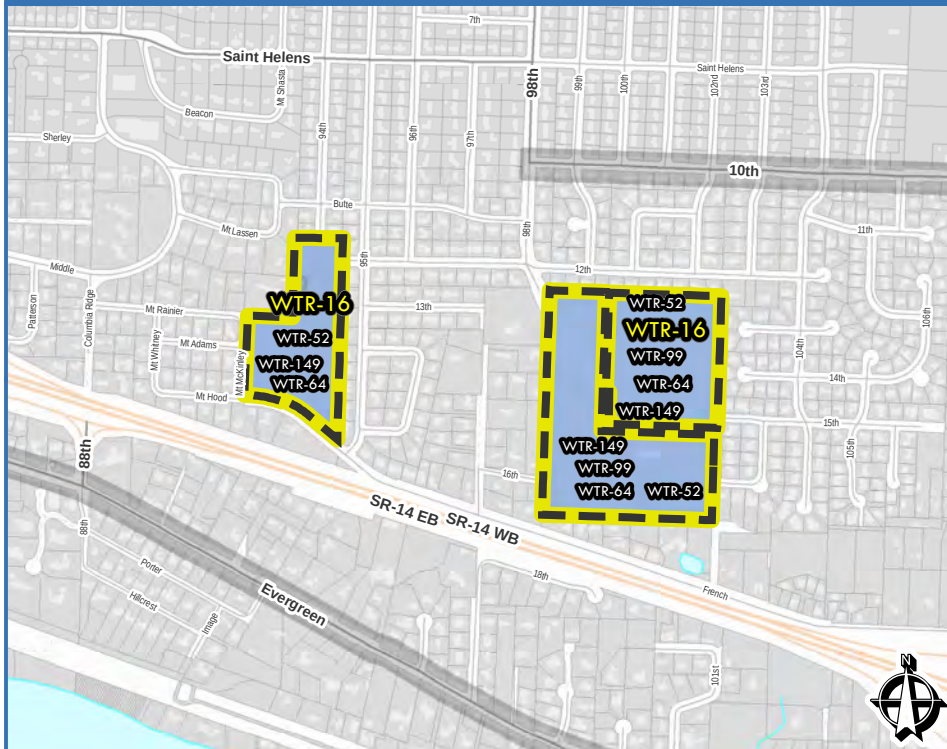
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: ELLSWORTH WELL REHABILITATION

PROJECT AREA MAP



LEGEND

- | | | |
|------------------------------|-----------------------|---------------|
| Project Area | SCIP Project Areas | Battle Ground |
| Transportation Project Areas | Vancouver City Limits | Camas |
| Sanitary Sewer Project Areas | Building Footprints | Washougal |
| Surface Water Project Areas | Taxlots | |
| Water Project Areas | Clark County | |

PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

4 -Replace/repair/preserve existing assets.

Project Description / Comments

Project as identified by Water Operations. Site hydrogeologic conditions require well rehabilitation every 6-8 years to maintain system reliability, production capacity and prolong asset life. Rehabilitation of all three production wells at Ellsworth

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083460
Budget / Proj. Task #:	
Total Project Cost:	\$630,000.00
*Start of Const. (Year):	2024

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

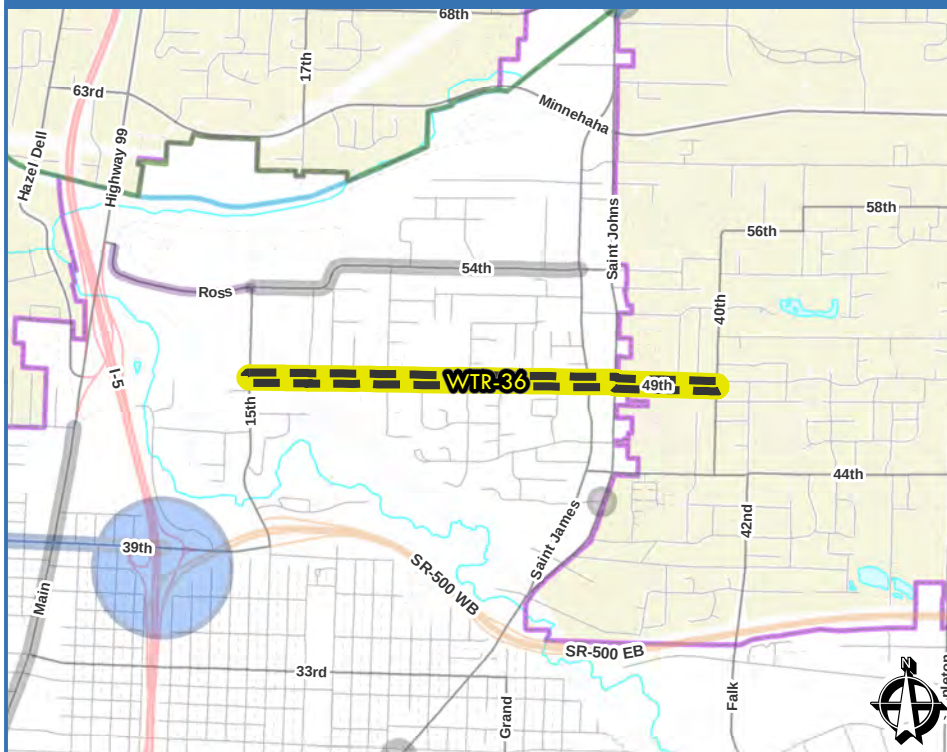
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WATER MAIN NE 49TH ST, NE 15TH AVE TO 40TH AVE

PROJECT AREA MAP



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		

PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

4 - Replace/preserve/rehabilitate systems - This project replaces substandard Asbestos Cement piping at high risk for leak failure, and improve reliability

Project Description / Comments

Install 2500 LF of 10 inch and 4300 LF of 8 inch water main to replace substandard and high risk asbestos cement water main. Funded for design in 2019 for \$100,000, and \$805,000 for construction in 2020

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083440
Budget / Proj. Task #:	
Total Project Cost:	\$905,000.00
*Start of Const. (Year):	2019

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

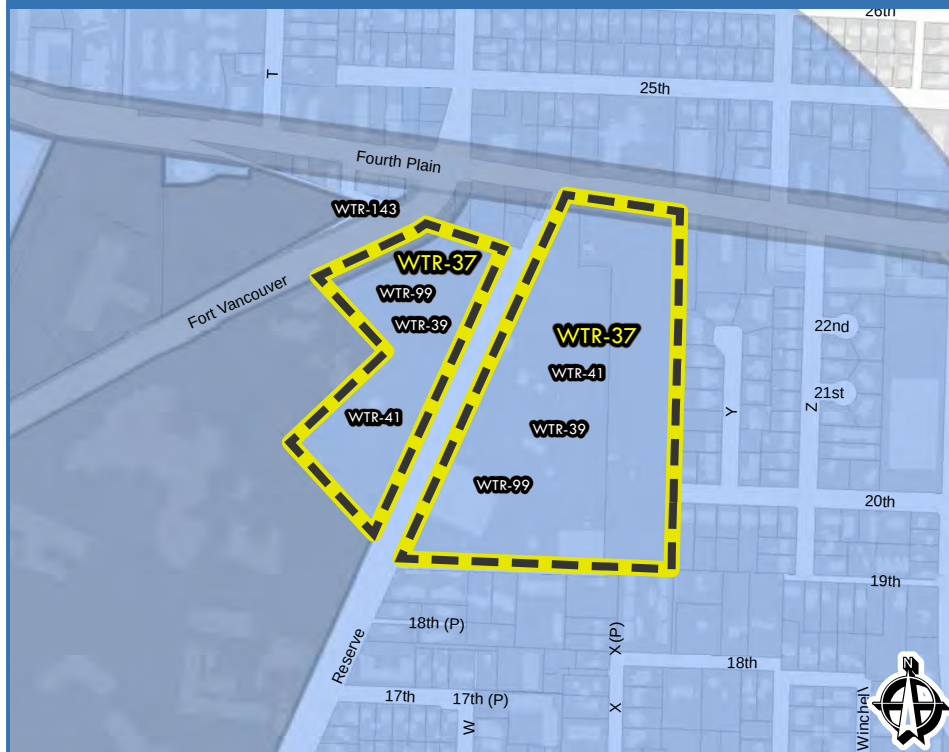
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WATER STATION 1: STANDBY POWER, BOOSTER STATION

PROJECT AREA MAP



LEGEND

- | | | |
|------------------------------|-----------------------|---------------|
| Project Area | SCIP Project Areas | Battle Ground |
| Transportation Project Areas | Vancouver City Limits | Camas |
| Sanitary Sewer Project Areas | Building Footprints | Washougal |
| Surface Water Project Areas | Taxlots | |
| Water Project Areas | Clark County | |

PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Active

PROJECT DESCRIPTION

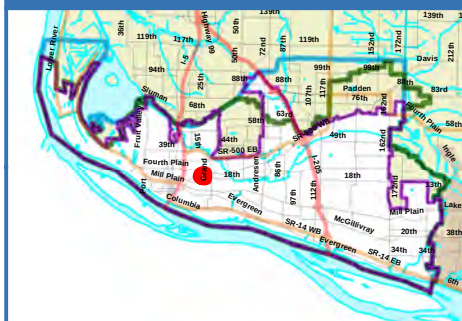
Project Justification / Priority

2 - Improve system safety with multiple improvements identified in 2005 Water Station #1 master plan. Replaces/rehabilitates aging infrastructure for system reliability, efficiency, emergency preparedness, and additional capacity.

Project Description / Comments

Water station 1 is the most critical water station in the City. Multi year project to provide an entire site electrical and telemetry upgrade including emergency power. Project will also replace two existing old booster pump stations with one booster pump station. Also adding Operations work station space for support of Ops field personnel.

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083402
Budget / Proj. Task #:	
Total Project Cost:	\$18,816,082.00
*Start of Const. (Year):	2017

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WATER STATION 3 MASTER PLAN

PROJECT AREA MAP



LEGEND

- | | | |
|------------------------------|-----------------------|---------------|
| Project Area | SCIP Project Areas | Battle Ground |
| Transportation Project Areas | Vancouver City Limits | Camas |
| Sanitary Sewer Project Areas | Building Footprints | Washougal |
| Surface Water Project Areas | Taxlots | |
| Water Project Areas | Clark County | |

PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

4 - Replace/Preserve/Repair existing assets. Project will produce a site master plan for Water Station 3

Project Description / Comments

Water Station #3 is reaching the end of its service life. This project will identify and prioritize needed upgrades, to replace assets that have reached the end of their useful life.

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	N/A
Budget / Proj. Task #:	
Total Project Cost:	\$130,000.00
*Start of Const. (Year):	2022

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

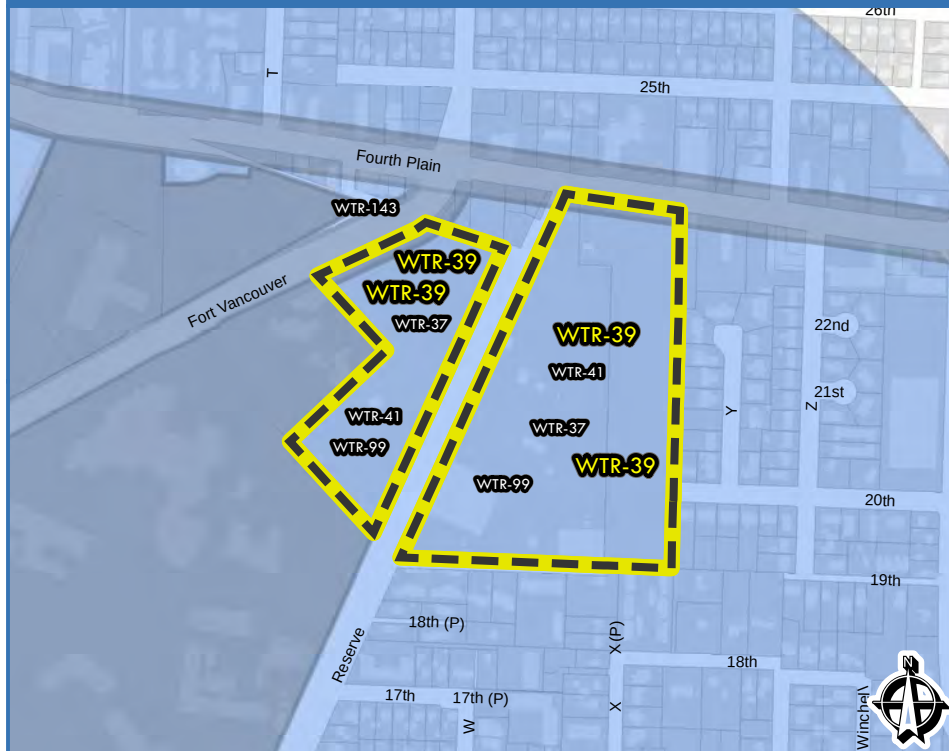
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WATER STATION #1 - TWO 4.0 MG RESERVOIRS AND STANDPIPE

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

Replace old pipes which are past their life expectancy. Coordination with Transportation's project saves the City design costs, construction costs, and saves property/business owners from additional inconveniences.

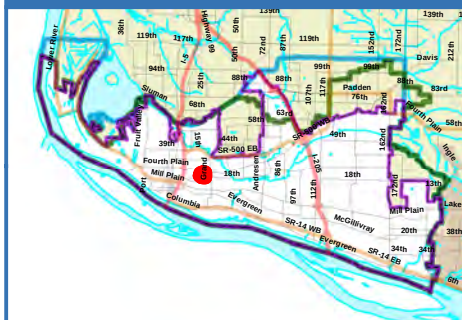
Project Description / Comments

Roadway coordination project with City Transportation to improve Main Street. Costs are for abandoning parallel main (4" and 6" transite and cast iron), installing 8" ductile iron, and transferring all existing services and hydrants.

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083425
Budget / Proj. Task #:	
Total Project Cost:	\$279,254.00
*Start of Const. (Year):	2018

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WATER STATION 3 RESERVOIR/TOWER/BOOSTER REPLACEMENT

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

4 - Replace/preserve/rehabilitate aging water storage facilities to extend asset service life.

Project Description / Comments

Replacement of the aging reservoir and tower at WS 3 will extend asset service life and also improve system reliability.

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083545
Budget / Proj. Task #:	
Total Project Cost:	\$16,920,000.00
*Start of Const. (Year):	2023-2025

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

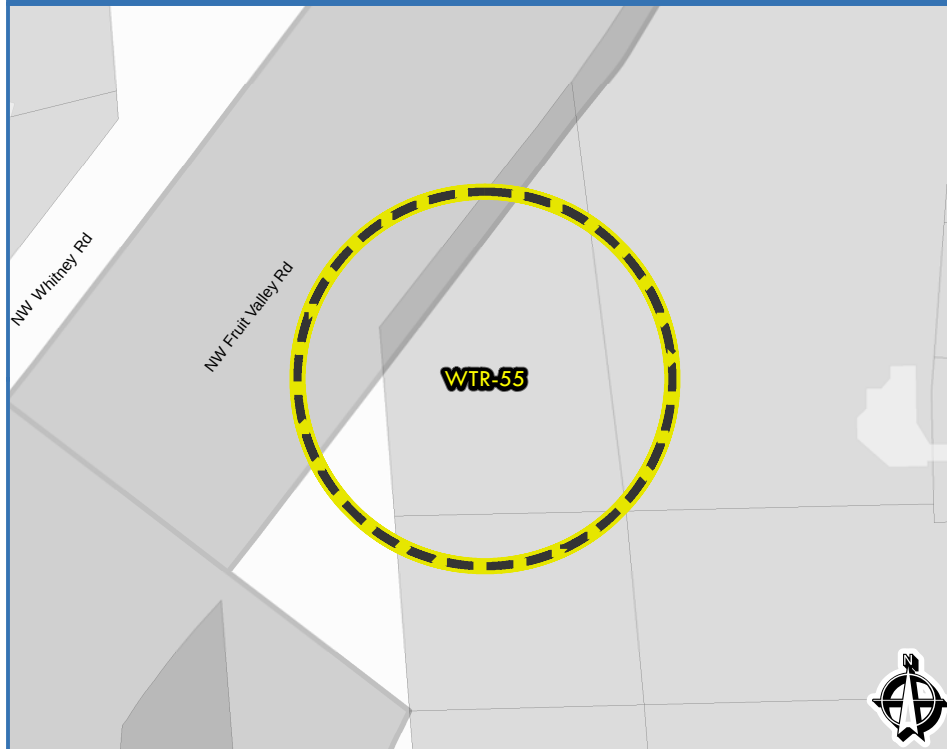
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: BERNIE PRV REPLACEMENT

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

4 - Replace/preserve/rehabilitate existing Pressure Reducing Valve assembly at Bernie Drive.

Project Description / Comments

Relocate and upgrade the existing PRV (Pressure Reducing Valve) which is in a remote location on railway property. This will improve maintenance access and possibly add remote monitoring for operations Connect to SCADA if network availability can be found.

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP

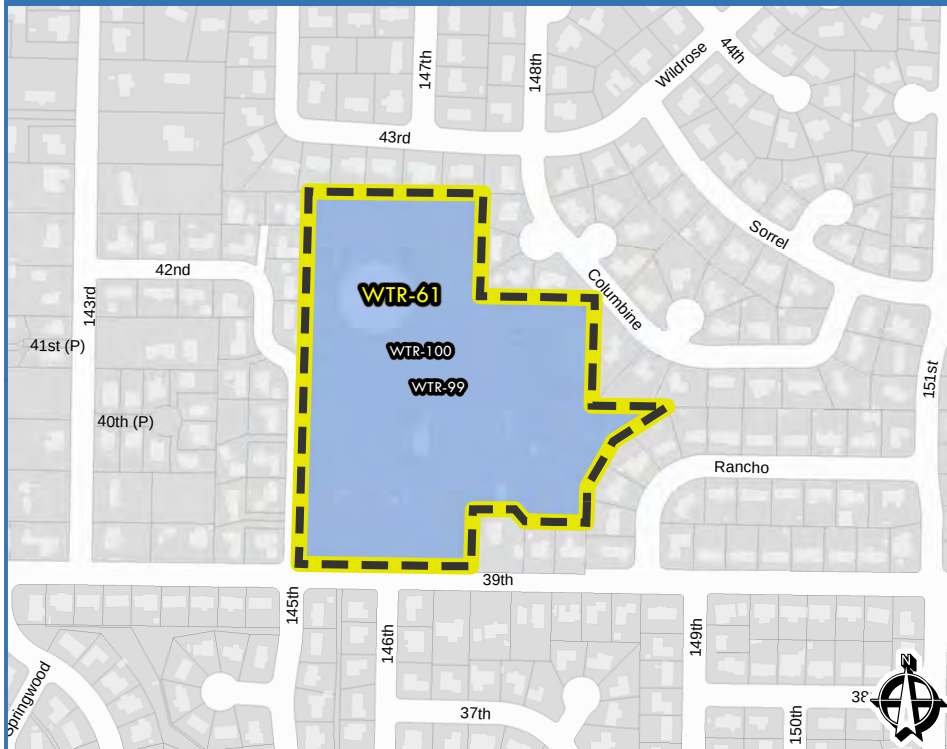




2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **SODIUM HYPO GEN SYSTEM WS 9**

PROJECT AREA MAP



LEGEND

- | | | |
|------------------------------|-----------------------|---------------|
| Project Area | SCIP Project Areas | Battle Ground |
| Transportation Project Areas | Vancouver City Limits | Camas |
| Sanitary Sewer Project Areas | Building Footprints | Washougal |
| Surface Water Project Areas | Taxlots | |
| Water Project Areas | Clark County | |

PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Active

PROJECT DESCRIPTION

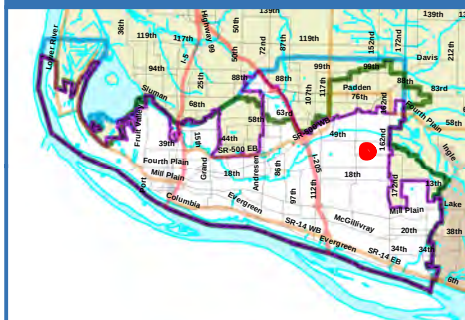
Project Justification / Priority

2 - Improves system safety by eliminating chlorine gas disinfection systems

Project Description / Comments

Chlorine gas disinfection systems are becoming more expensive to operate. The existing system will be replaced with sodium hypochlorite technology, which costs less and is much safer for the community and operators. This replaces the existing chlorine gas system at WS 9 with a sodium hypochlorite generation system.

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083533
Budget / Proj. Task #:	
Total Project Cost:	\$1,300,000.00
*Start of Const. (Year):	2019

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **SODIUM HYPO GEN SYSTEM WS 14**

PROJECT AREA MAP



LEGEND

- | | | | | | |
|--|------------------------------|--|-----------------------|--|---------------|
| | Project Area | | SCIP Project Areas | | Battle Ground |
| | Transportation Project Areas | | Vancouver City Limits | | Camas |
| | Sanitary Sewer Project Areas | | Building Footprints | | Washougal |
| | Surface Water Project Areas | | Taxlots | | |
| | Water Project Areas | | Clark County | | |

PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

2 - Improves system safety by eliminating chlorine gas disinfection systems

Project Description / Comments

Chlorine gas disinfection systems are becoming more expensive to operate. The existing system will be replaced with sodium hypochlorite technology, which costs less and is much safer for the community and operators. This replaces the existing chlorine gas system at WS 14 with a sodium hypochlorite generation system.

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083461
Budget / Proj. Task #:	
Total Project Cost:	\$299,071.00
*Start of Const. (Year):	2016

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **SODIUM HYPO GEN SYSTEM WS 15**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

2 - Improves system safety by eliminating chlorine gas disinfection systems

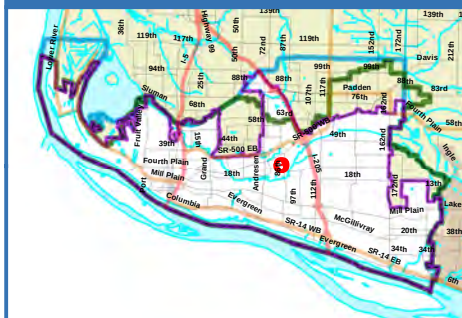
Project Description / Comments

Chlorine gas disinfection systems are becoming more expensive to operate. The existing system will be replaced with sodium hypochlorite technology, which costs less and is much safer for the community and operators. The city has standardized a new technology and is upgrading all systems for maintenance consistency and reliability. This replaces the existing sodium hypochlorite generation system at WS 15 with a standardized sodium hypochlorite generation system.

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083540
Budget / Proj. Task #:	
Total Project Cost:	\$400,000.00
*Start of Const. (Year):	2020

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

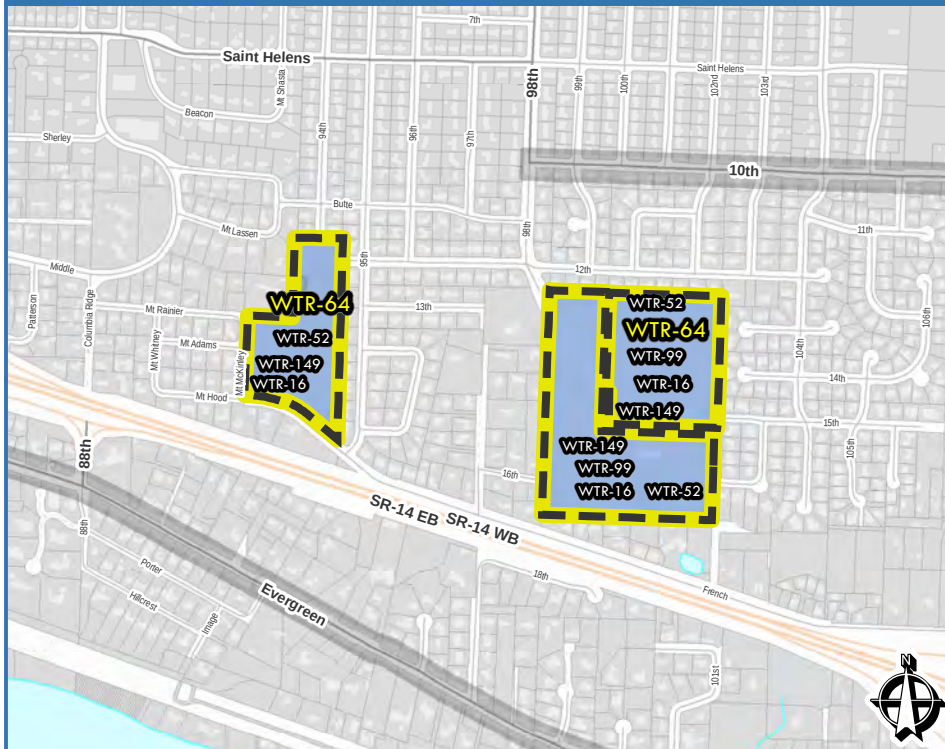
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **SODIUM HYPO GEN SYSTEM ELLSWORTH**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

2 - Improves system safety by eliminating chlorine gas disinfection systems

Project Description / Comments

Chlorine gas disinfection systems are becoming more expensive to operate. The existing system will be replaced with sodium hypochlorite technology, which costs less and is much safer for the community and operators. The city has standardized a new technology and is upgrading all systems for maintenance consistency and reliability. This replaces the existing sodium hypochlorite generation system at Ellsworth with a standardized sodium hypochlorite generation system.

LEGEND



VICINITY MAP



FUNDING & SCHEDULE

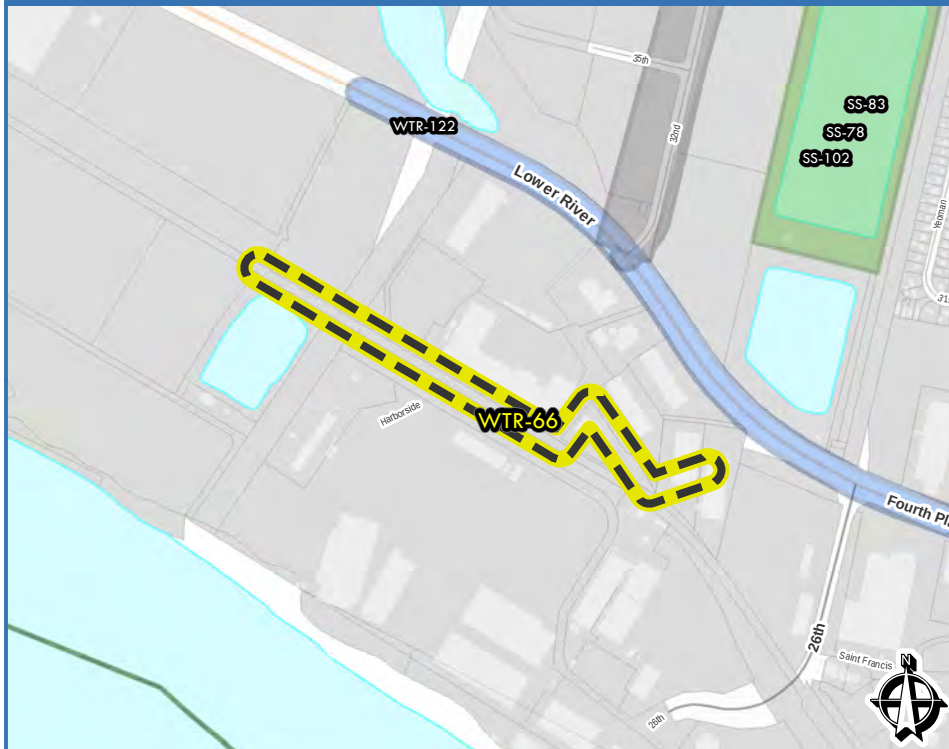
Budget / Proj. #:	083532
Budget / Proj. Task #:	
Total Project Cost:	\$750,000.00
*Start of Const. (Year):	2019



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: PORT WATER SYSTEM UPGRADE

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

3 - New system; these new waterlines will provide additional capacity.

Project Description / Comments

Install water mains on Port property in order to provide a second feed line to the west parts of the Port. Building a redundant supply line increases capacity to the service area along Lower River Rd, west of the Port of Vancouver.

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	#083414
Budget / Proj. Task #:	
Total Project Cost:	\$385,197.00
*Start of Const. (Year):	2016

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WATER STATION 4 REPLACE WELL 4 BUILDING

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

4 - Replace/preserve/rehabilitate assets; to replace a deteriorating building in poor condition.

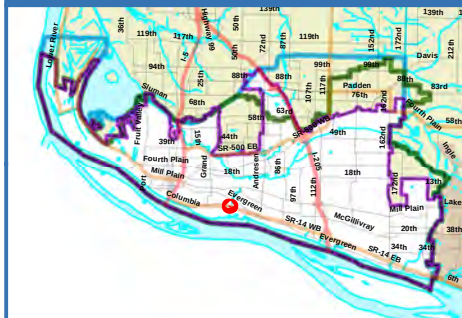
Project Description / Comments

This project will replace the building sitting over Well #4 at WS 4.

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083549
Budget / Proj. Task #:	
Total Project Cost:	\$400,000.00
*Start of Const. (Year):	2020

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

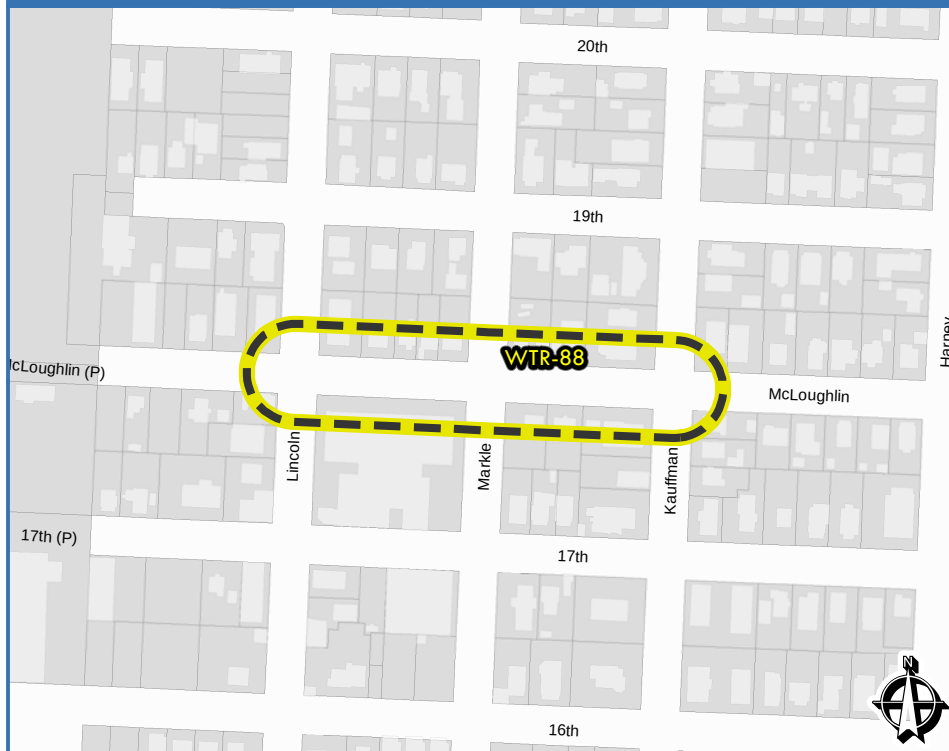
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: W MCLOUGHLIN - LINCOLN TO KAUFFMAN WATER MAIN

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

4 - Replace/preserve/rehabilitate existing assets to extend asset life

Project Description / Comments

Install 600 LF of new pipe to replace existing 6 inch CI water mains with a history of emergency repairs due to leaks. Staff utilized a criticality matrix to prioritize pipes at highest risk for leaks and line breaks. This will replace aging waterlines which have exceeded their life expectancy and have a history of breakage.

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083449
Budget / Proj. Task #:	
Total Project Cost:	\$125,000.00
*Start of Const. (Year):	2016

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

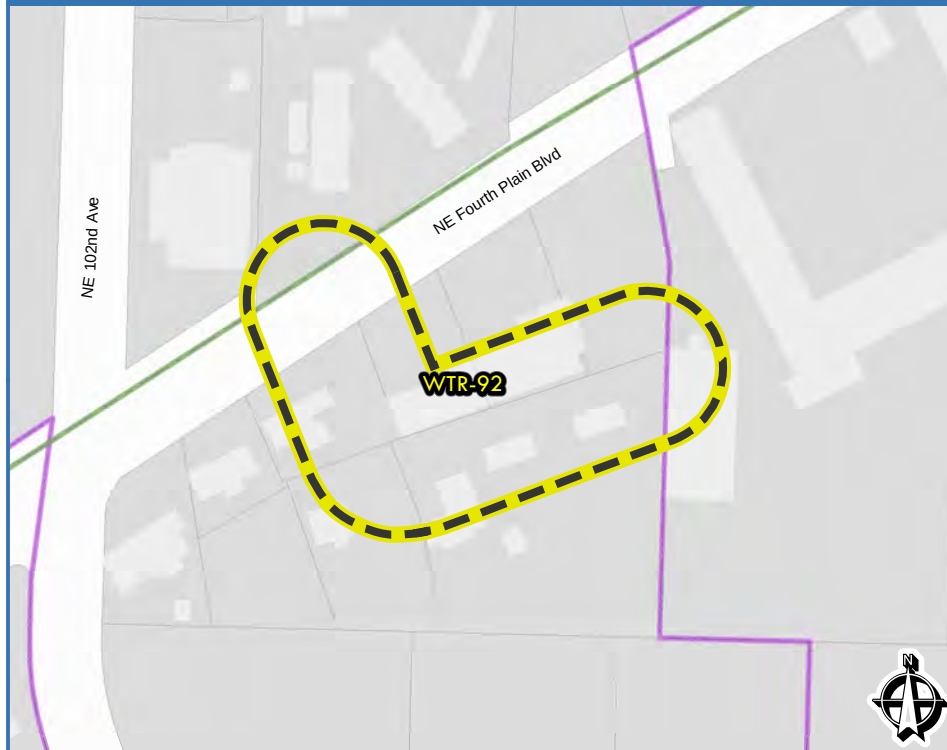
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: BUNCH PLASTIC - 4TH PLAIN & 103RD AVE

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

4 - Replace/preserve/rehabilitate existing assets to extend service life

Project Description / Comments

Install 220 LF of new water line and abandon 220 LF of 2 inch PVC water mains. Staff utilized a criticality matrix to prioritize pipes at highest risk for leaks and line breaks. This will replace aging waterlines which have exceeded their life expectancy and have a history of breakage.

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083453
Budget / Proj. Task #:	
Total Project Cost:	\$35,000.00
*Start of Const. (Year):	2016

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: PUMP HOUSE ROOFING REPLACEMENT

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

4 - Replace/preserve/rehabilitate pump station building roofs at several locations. Project will use longer life materials to extend asset service life.

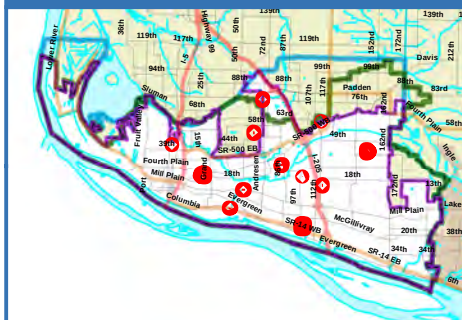
Project Description / Comments

Replace several aging roofs at multiple water stations throughout the City. Project will use longer life materials to extend asset service life. As requested by Water 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

Budget / Proj. #:	083490
Budget / Proj. Task #:	
Total Project Cost:	\$339,000.00
*Start of Const. (Year):	2016

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

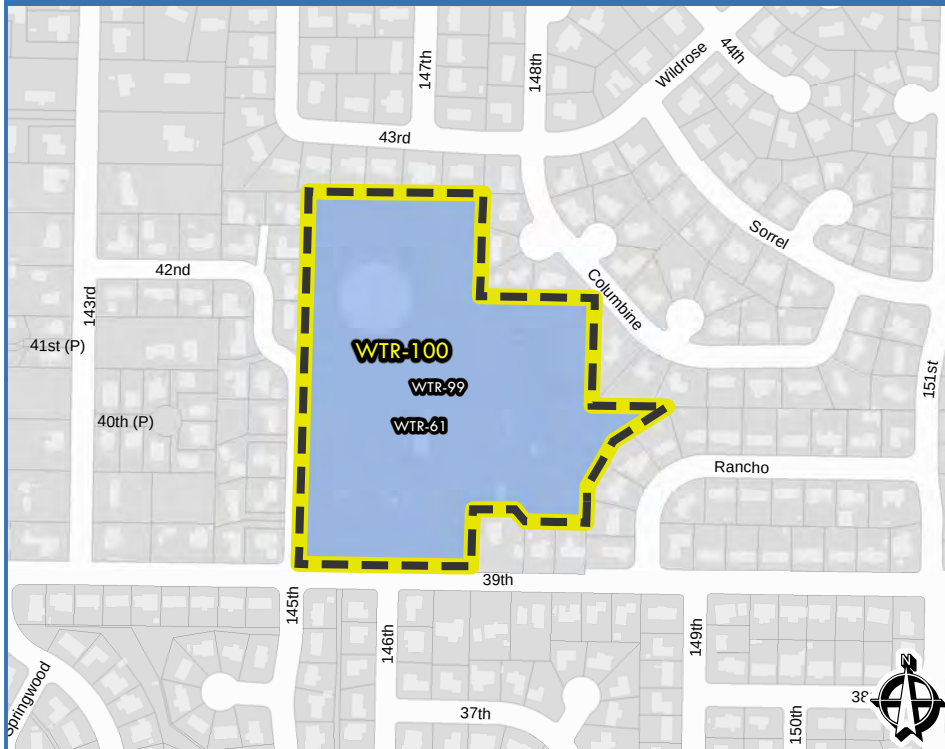
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WS 9 LEAD & COPPER PILOT STUDY

PROJECT AREA MAP



LEGEND

- | | | |
|------------------------------|-----------------------|---------------|
| Project Area | SCIP Project Areas | Battle Ground |
| Transportation Project Areas | Vancouver City Limits | Camas |
| Sanitary Sewer Project Areas | Building Footprints | Washougal |
| Surface Water Project Areas | Taxlots | |
| Water Project Areas | Clark County | |

PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Active

PROJECT DESCRIPTION

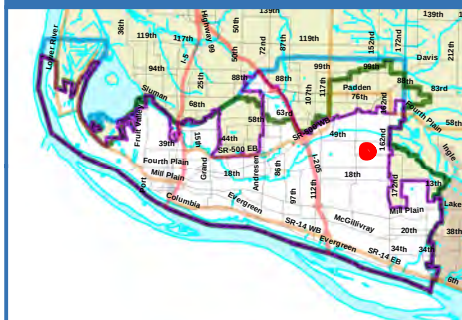
Project Justification / Priority

- 1 -Compliance with regulations

Project Description / Comments

Conduct a pilot study for treatment alternatives to increase the pH of the water to meet DOH standards. As required to meet pH standards for the site related to lead and copper.

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083531
Budget / Proj. Task #:	
Total Project Cost:	\$100,000.00
*Start of Const. (Year):	2017

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

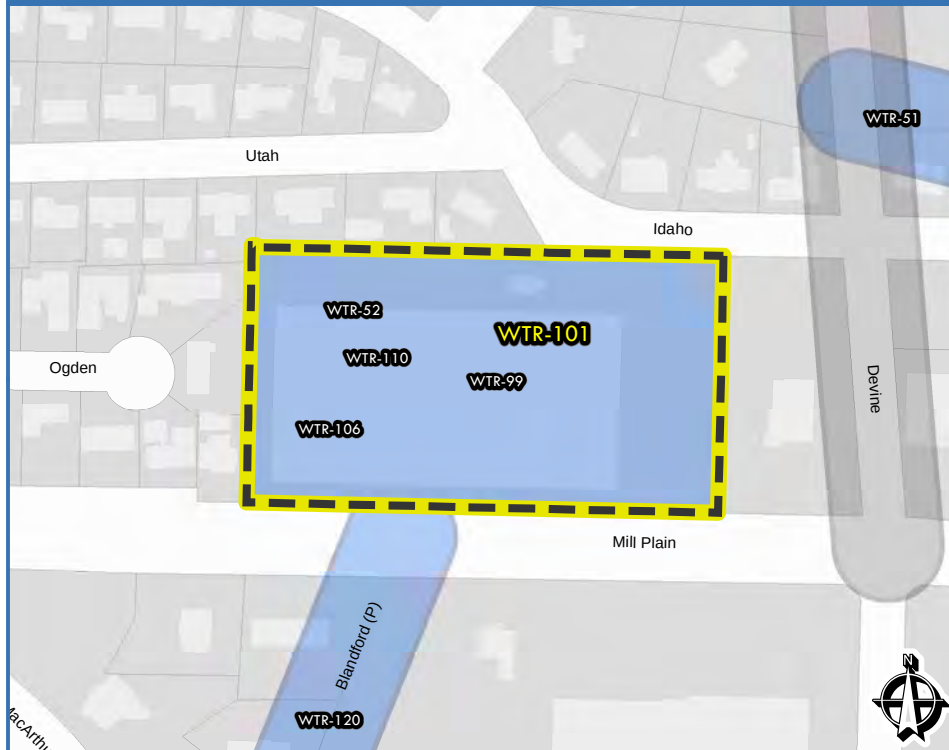
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WATER STATION 5 RESERVOIR, BOOSTER PUMPS & E-POWER

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

3 - New systems to provide additional capacity for future growth and improved reliability.

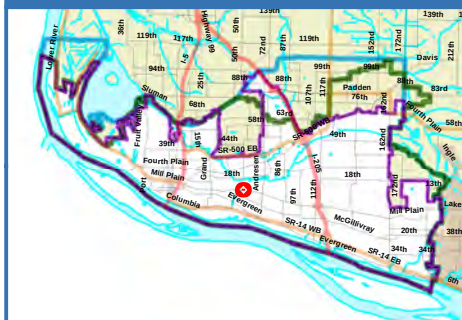
Project Description / Comments

Install additional pumping capacity at Water Station 5 to meet the growing demand and distribute more water to Heights High. Formerly listed as WTR-50

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083537
Budget / Proj. Task #:	
Total Project Cost:	\$25,600,000.00
*Start of Const. (Year):	2021

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

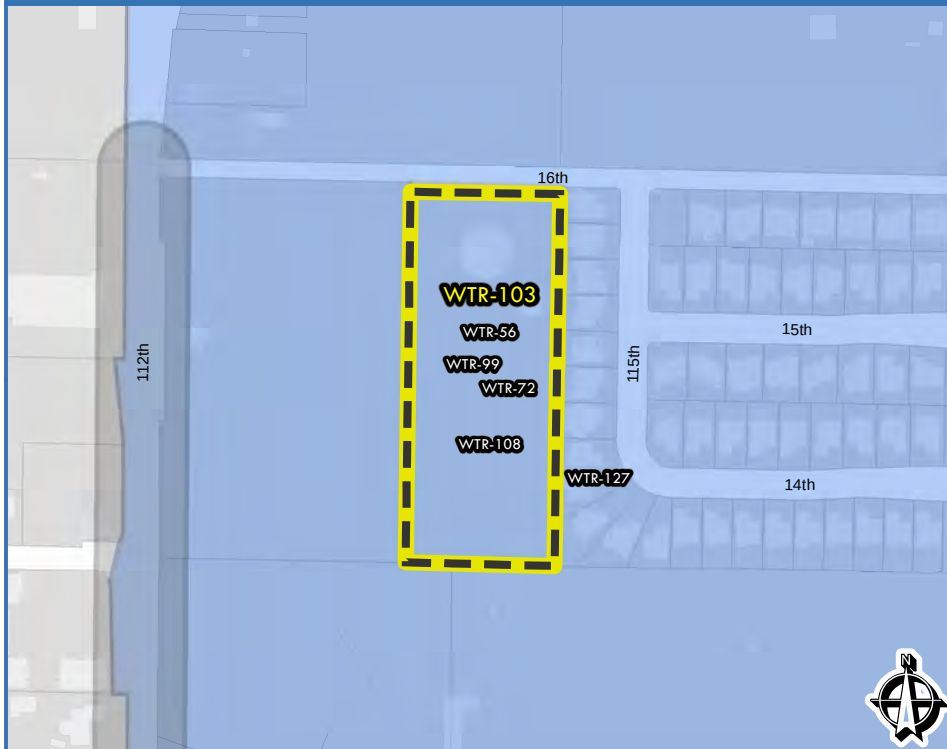
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WS 7 HYPO GEN SYSTEM

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

5 - Lower operating costs, by replacing the existing sodium hypochlorite system.

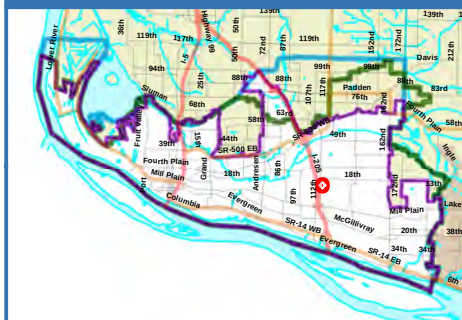
Project Description / Comments

Replace the existing Sodium Hypochlorite generation system at WS 7 with a new sodium hypochlorite generation system. Replacing the existing aging system will reduce our annual operations and maintenance costs by reducing frequent repairs.

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083541
Budget / Proj. Task #:	
Total Project Cost:	\$450,000.00
*Start of Const. (Year):	2021

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

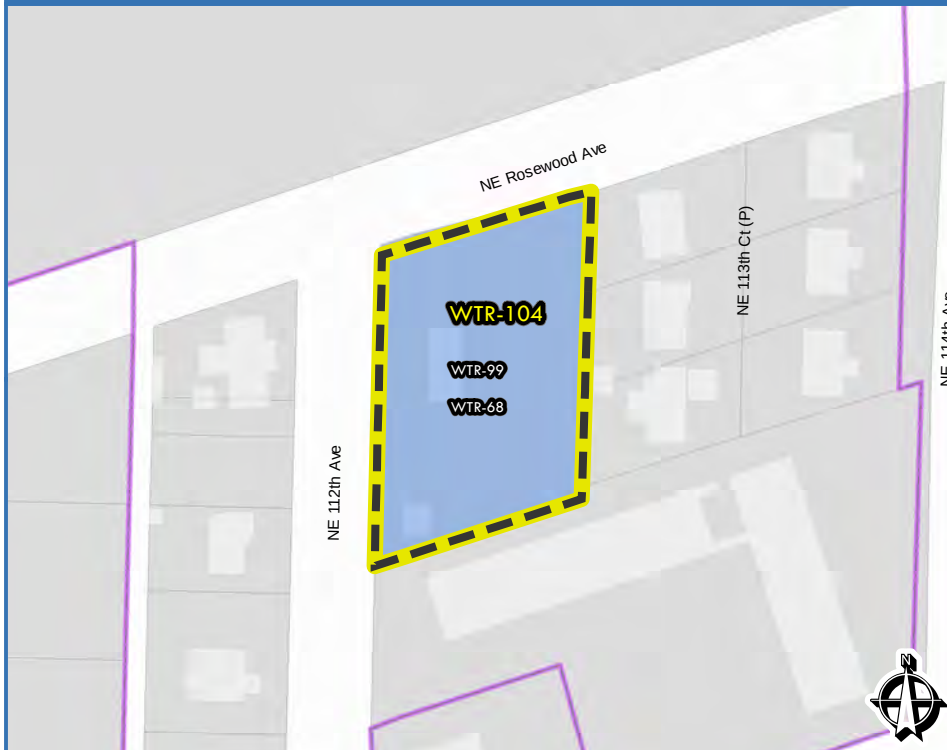
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WS 8 HYPO GEN SYSTEM

PROJECT AREA MAP



LEGEND

- | | | |
|------------------------------|-----------------------|---------------|
| Project Area | SCIP Project Areas | Battle Ground |
| Transportation Project Areas | Vancouver City Limits | Camas |
| Sanitary Sewer Project Areas | Building Footprints | Washougal |
| Surface Water Project Areas | Taxlots | |
| Water Project Areas | Clark County | |

PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

5 - Lower operating costs, by replacing the existing sodium hypochlorite system.

Project Description / Comments

Replace the existing Sodium Hypochlorite generation system at WS 7 with a new sodium hypochlorite generation system. Replacing the existing aging system will reduce our annual operations and maintenance costs by reducing frequent repairs.

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083542
Budget / Proj. Task #:	
Total Project Cost:	\$450,000.00
*Start of Const. (Year):	2021

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

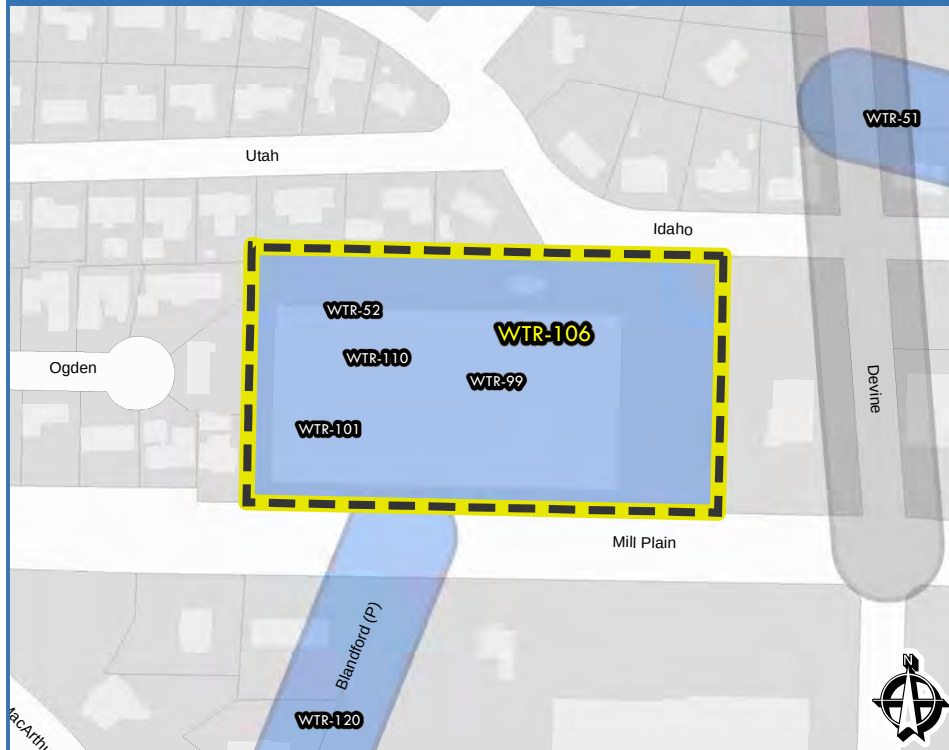
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WS 5 INTERNAL TOWER COATING

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

4 - Replace/preserve/rehabilitate the internal coating for our existing elevated water tower, to extend asset life by preventing corrosion.

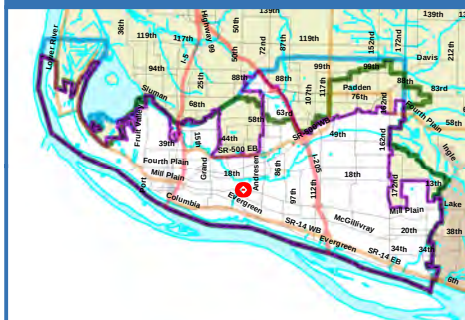
Project Description / Comments

Rehab existing lining for our aging elevated steel tank, to extend asset service life

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083550
Budget / Proj. Task #:	
Total Project Cost:	\$500,000.00
*Start of Const. (Year):	2020

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

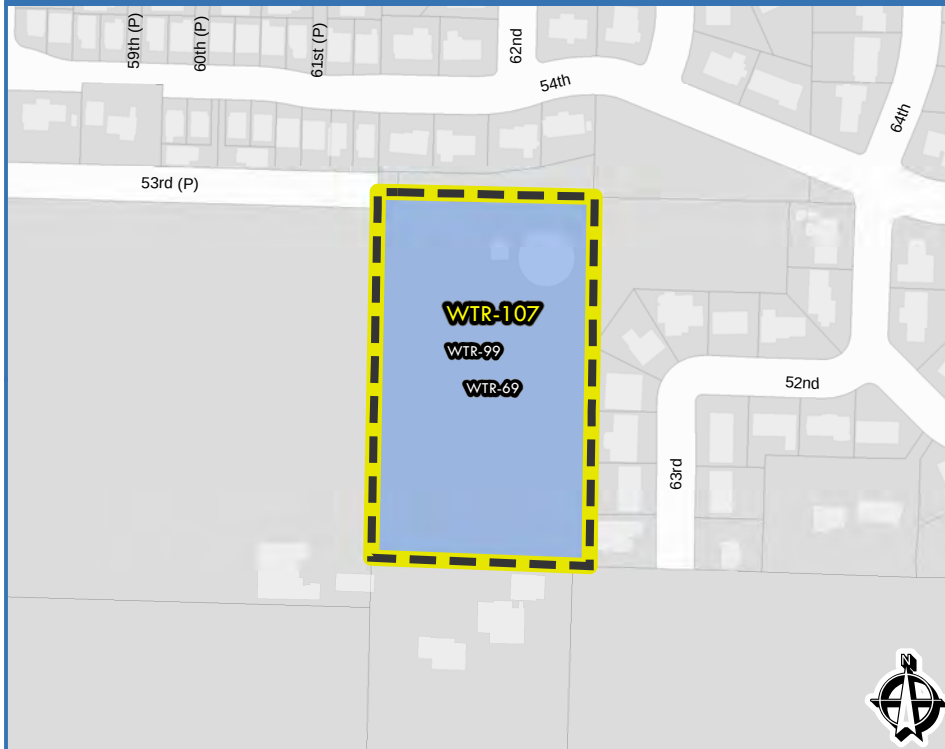
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WS 6 INTERNAL/EXTERNAL TOWER COATING

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

4 - Replace/preserve/rehabilitate inside and outside of the existing elevated water tower, extending service life by preventing corrosion.

Project Description / Comments

Rehab aging elevated steel tank lining (internal and exterior) to extend asset service life. (Formerly identified as WTR-47)

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083552
Budget / Proj. Task #:	
Total Project Cost:	\$1,000,000.00
*Start of Const. (Year):	2019

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

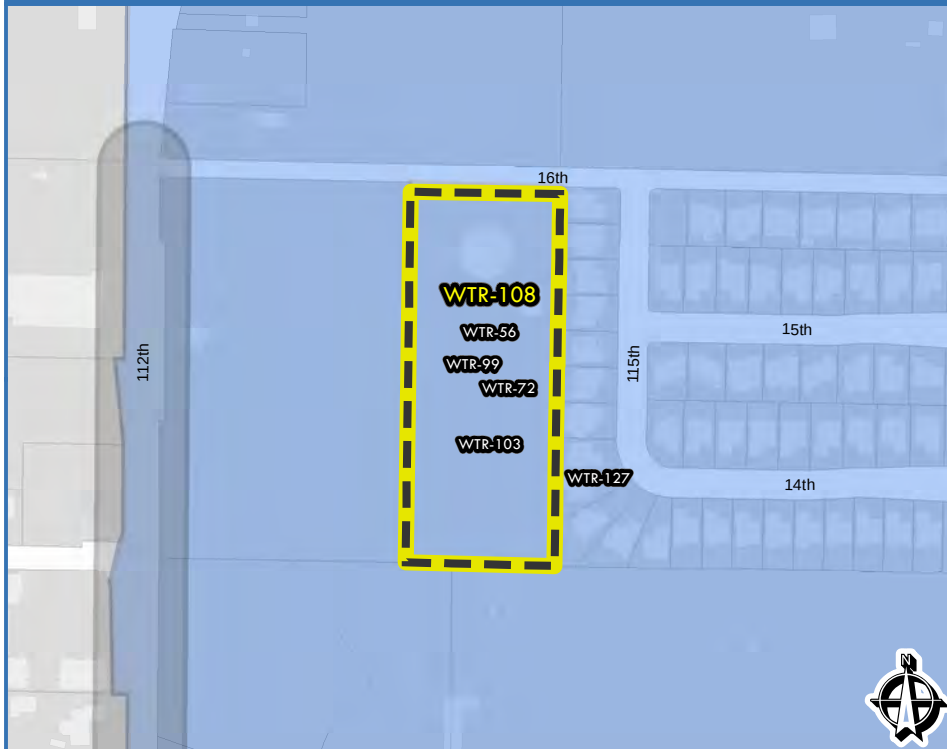
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WS 7 INTERNAL TOWER COATING

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

4 - Replace/preserve/rehabilitate the internal coating for our existing elevated water tower, to extend asset life by preventing corrosion.

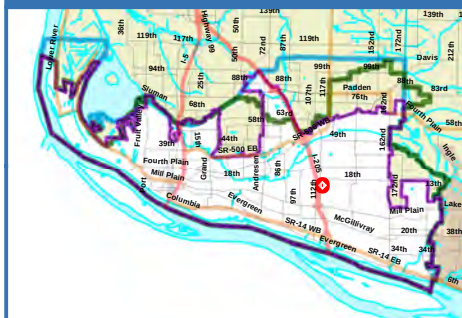
Project Description / Comments

Rehab aging elevated steel tank lining to extend asset service life

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083551
Budget / Proj. Task #:	
Total Project Cost:	\$600,000.00
*Start of Const. (Year):	2021

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

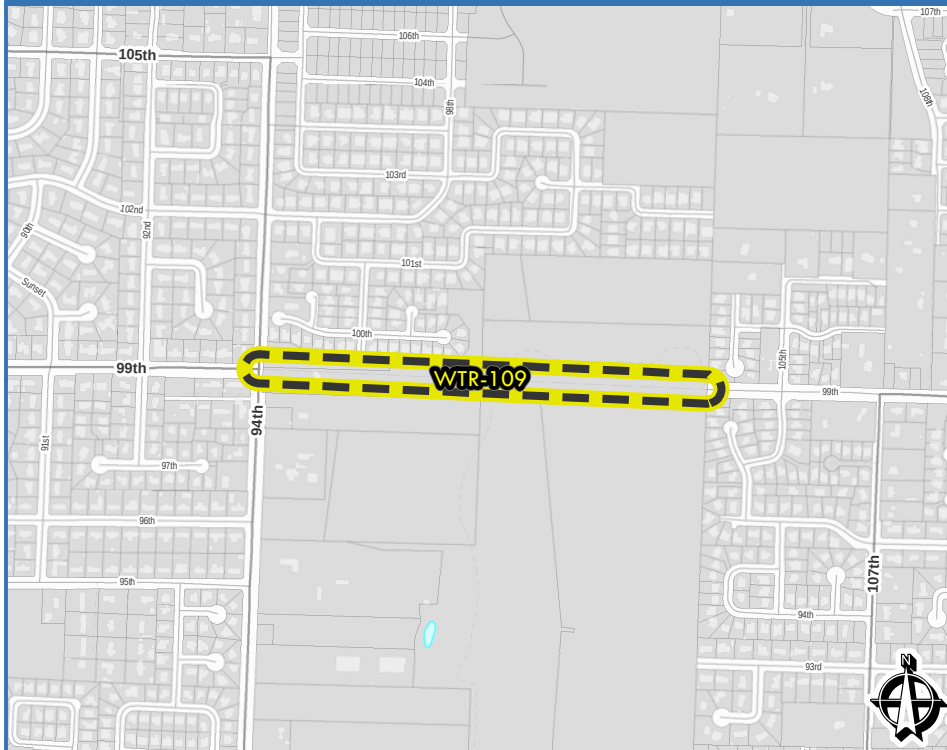
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **99TH ST TRANS MAIN - NE 94TH AVE TO NE 104TH AV**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

3 - New systems to expand transmission capacity, providing additional capacity for future growth in farthest northeast portion of service area.

Project Description / Comments

Roadway Coordination - Install 2500 l.f. of new 12" DI Water Main across the former Lechner Landfill, during construction of new roadway for Clark County CIP program

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083560
Budget / Proj. Task #:	
Total Project Cost:	\$620,000.00
*Start of Const. (Year):	2020

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

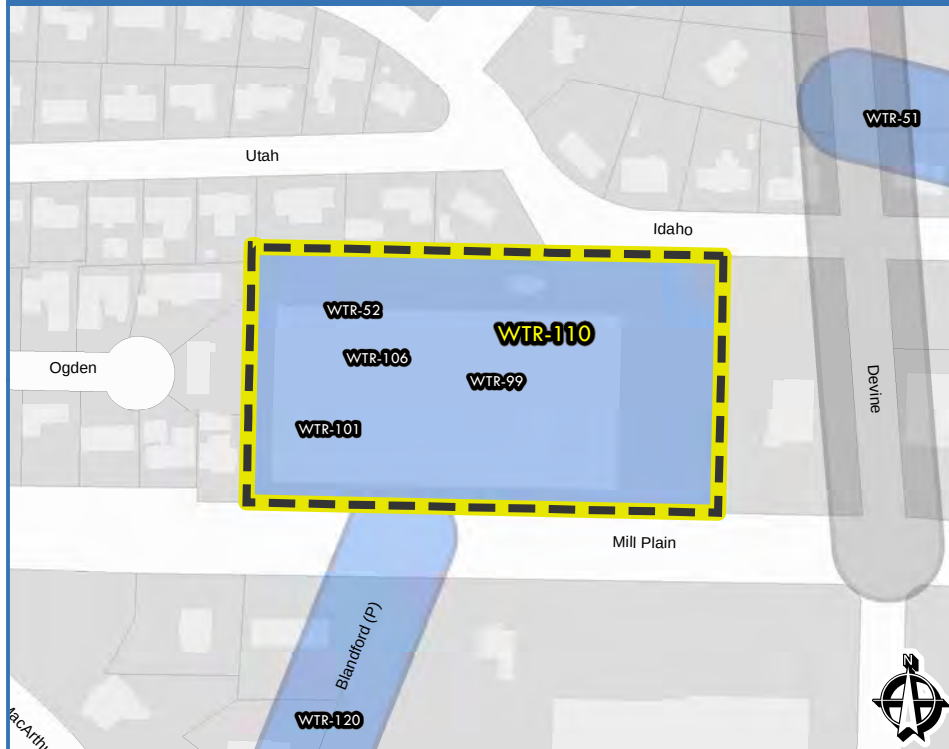
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WS #5 - TANK ALTITUDE VALVE

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

1 - Compliance with regulations - new valve needed to regulate water levels in the WS 5 tower.

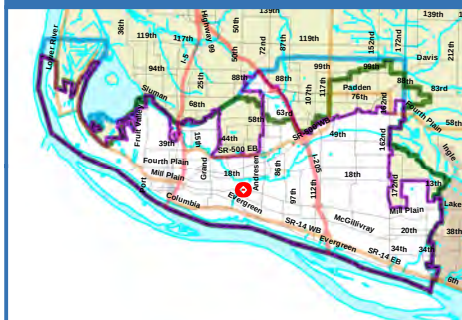
Project Description / Comments

Install new tank altitude valve to accurately regulate tank water levels. This valve will regulate tank reservoir levels in coordination with the new transmission main project in Blandford Drive (WTR-120). Project will also allow for increased pumping to the expanding eastern portion of the water system.

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083558
Budget / Proj. Task #:	
Total Project Cost:	\$120,000.00
*Start of Const. (Year):	2020

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

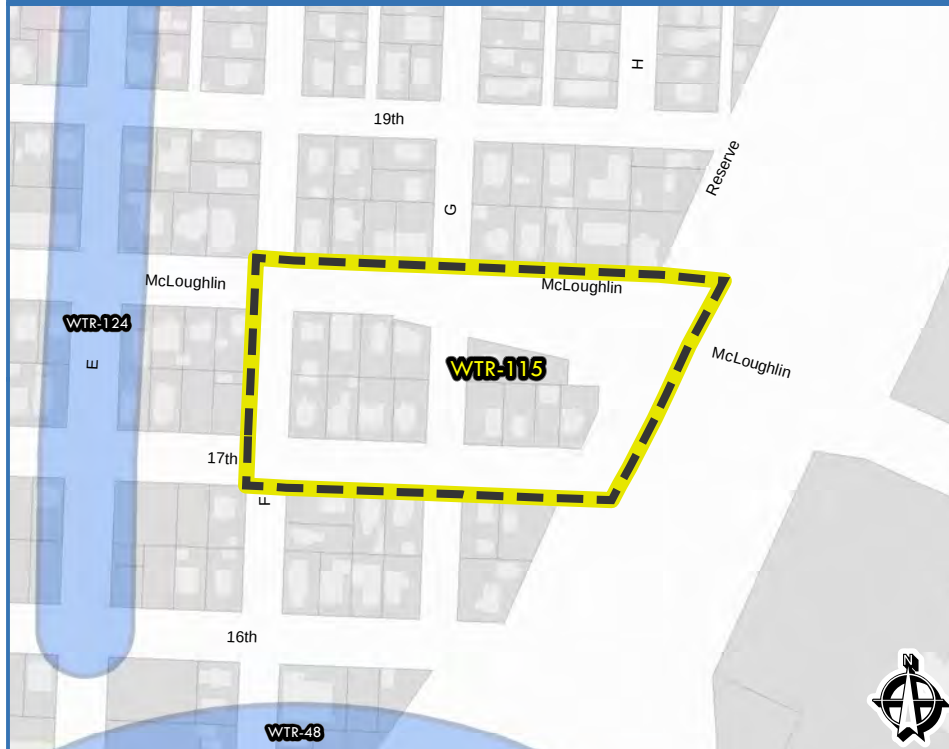
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: 17TH ST. TO MCLOUGHLIN, "F" ST. TO I-5 (D-3)

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

2 - Improve safety and reliability by addressing fire flow deficiencies

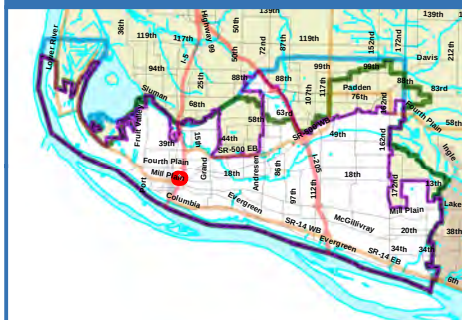
Project Description / Comments

Install new pipelines to improve system reliability, & address system pressure & fire flow deficiencies as identified in our latest Water System Comprehensive Plan. Project budget to replace 740 lf of substandard main with 740 lf of 8" Ductile Iron main

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083569
Budget / Proj. Task #:	
Total Project Cost:	\$150,000.00
*Start of Const. (Year):	2021

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

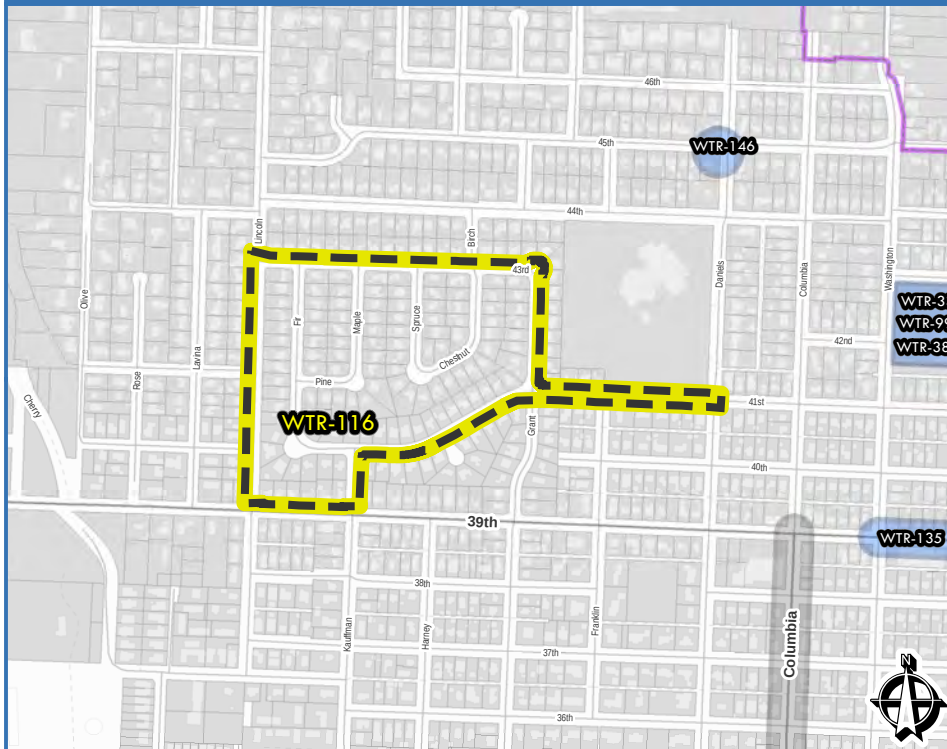
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: 41ST ST.-43RD ST., LINCOLN TO DANIELS ST. (D-10)

PROJECT AREA MAP



LEGEND

- | | | | | | |
|--|------------------------------|--|-----------------------|--|---------------|
| | Project Area | | SCIP Project Areas | | Battle Ground |
| | Transportation Project Areas | | Vancouver City Limits | | Camas |
| | Sanitary Sewer Project Areas | | Building Footprints | | Washougal |
| | Surface Water Project Areas | | Taxlots | | |
| | Water Project Areas | | Clark County | | |

PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

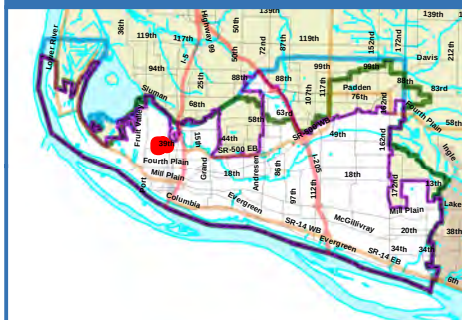
Project Justification / Priority

2 - Improve safety and reliability by addressing fire flow deficiencies

Project Description / Comments

Install new pipelines to improve system reliability, & address system pressure & fire flow deficiencies as identified in our latest Water System Comprehensive Plan. Project budget replaces existing substandard main with 3,210 lf of 8" ductile iron main.

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083570
Budget / Proj. Task #:	
Total Project Cost:	\$740,000.00
*Start of Const. (Year):	2019

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

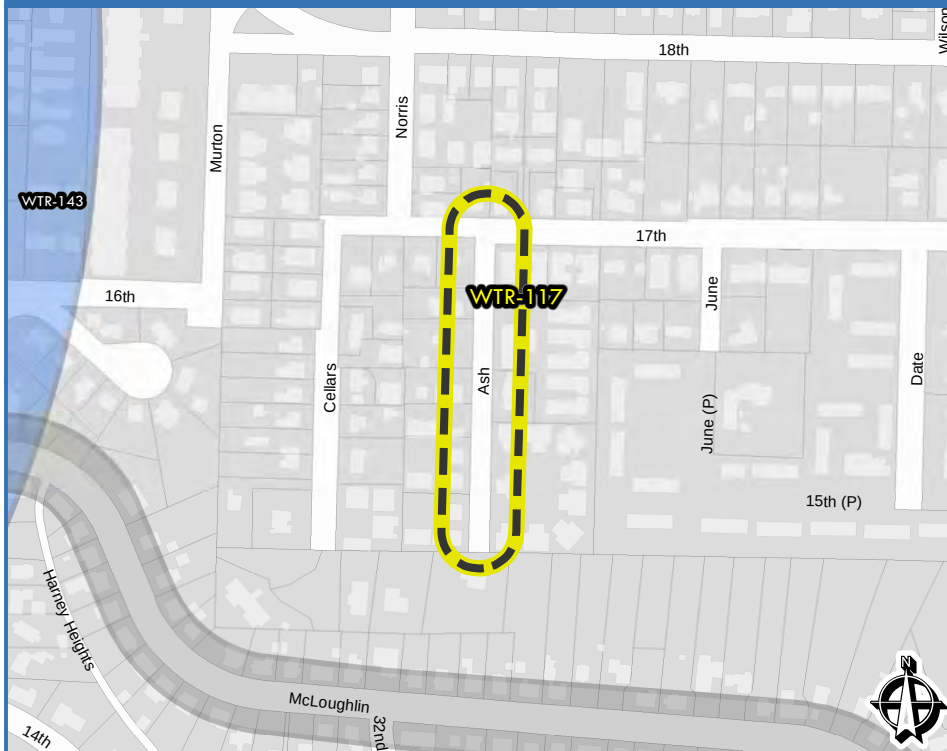
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **ASH ST. - SOUTH OF 17TH ST. (D-18)**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

2 - Improve safety and reliability by addressing fire flow deficiencies

Project Description / Comments

Install new pipelines to improve system reliability, & address system pressure & fire flow deficiencies as identified in our latest Water System Comprehensive Plan. Project budget replaces existing substandard main with 370 lf of 8" ductile iron main.

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083571
Budget / Proj. Task #:	
Total Project Cost:	\$75,000.00
*Start of Const. (Year):	2018

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

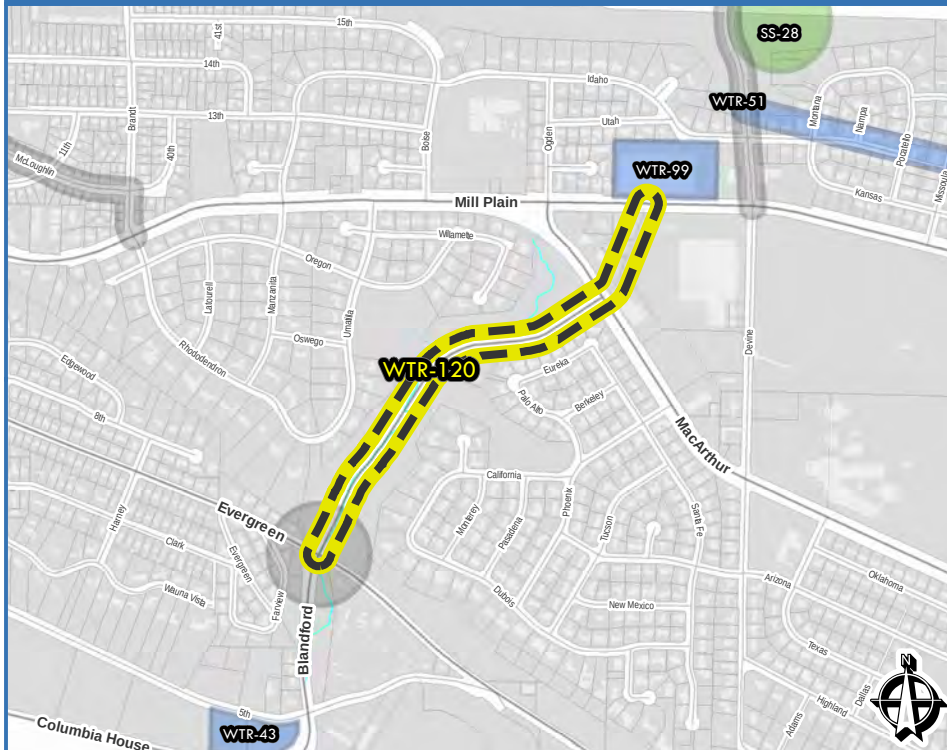
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WS #5 TO EVERGREEN -TRANS MAIN BLANDFORD (T-51)

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

3 - new systems to expand existing transmission capacity.

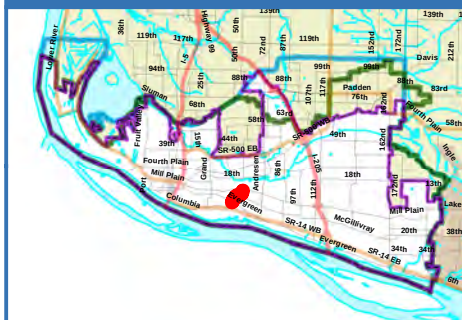
Project Description / Comments

To address system pressure deficiencies as identified in the most recent Water System Comprehensive Plan, & provide additional capacity for future growth. Project budget to replace the existing transmission main, with 2.077 L.f. of new 30" ductile iron main.

LEGEND

	Project Area		SCIP Project Areas		Battle Ground
	Transportation Project Areas		Vancouver City Limits		Camas
	Sanitary Sewer Project Areas		Building Footprints		Washougal
	Surface Water Project Areas		Taxlots		
	Water Project Areas		Clark County		

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083573
Budget / Proj. Task #:	
Total Project Cost:	\$932,000.00
*Start of Const. (Year):	2023

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

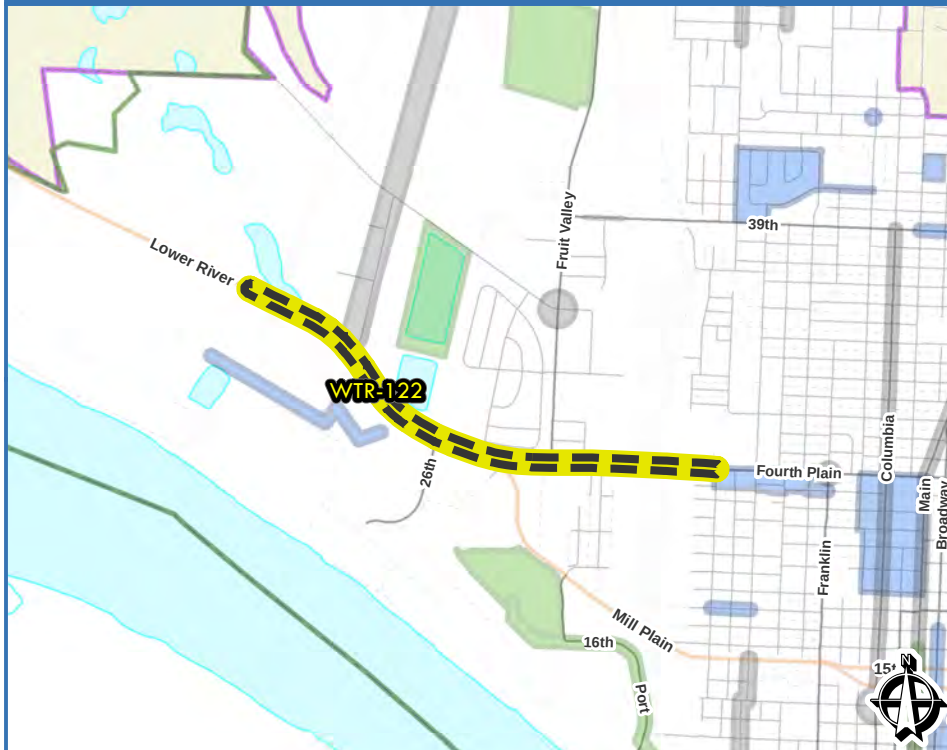
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: 4TH PLAIN BLVD, 36TH AVE TO LINCOLN (T-3)

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

3 - New systems to address system pressure deficiencies

Project Description / Comments

Replace existing main to improve system reliability and capacity, & address system pressure deficiencies as identified in our latest Water System Comprehensive. Project to replace existing main with 4,120 L.f. of new 24" ductile iron transmission main

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

Budget / Proj. #:	083575
Budget / Proj. Task #:	
Total Project Cost:	\$2,350,000.00
*Start of Const. (Year):	2019

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

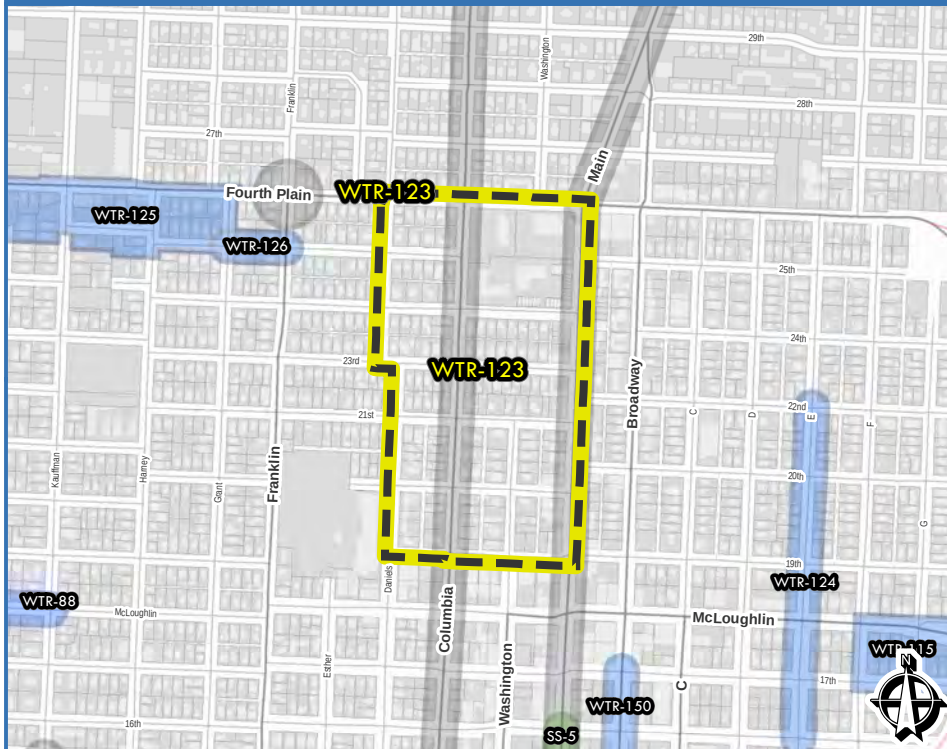
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: DANIELS ST TO MAIN ST, 19TH ST. TO 4TH PLAIN (T-6)

PROJECT AREA MAP



LEGEND

- | | | |
|------------------------------|-----------------------|---------------|
| Project Area | SCIP Project Areas | Battle Ground |
| Transportation Project Areas | Vancouver City Limits | Camas |
| Sanitary Sewer Project Areas | Building Footprints | Washougal |
| Surface Water Project Areas | Taxlots | |
| Water Project Areas | Clark County | |

PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

3 - New systems to address system pressure & fire flow deficiencies

Project Description / Comments

Replace existing main to improve system reliability, & address system pressure & fire flow deficiencies as identified in our latest Water System Comprehensive Plan. Project budget to replace existing substandard main with 3,040 lf of new 12" ductile iron main

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083576
Budget / Proj. Task #:	
Total Project Cost:	\$740,000.00
*Start of Const. (Year):	2022

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

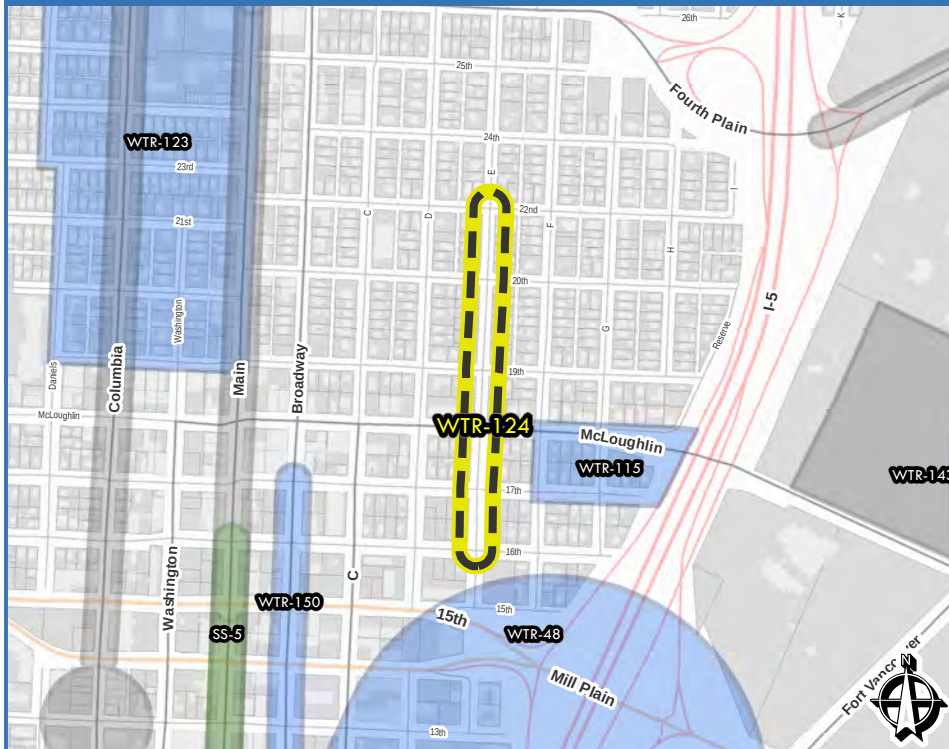
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **E. 16TH ST. TO 22ND ST. (T-7)**

PROJECT AREA MAP



LEGEND

- | | | |
|------------------------------|-----------------------|---------------|
| Project Area | SCIP Project Areas | Battle Ground |
| Transportation Project Areas | Vancouver City Limits | Camas |
| Sanitary Sewer Project Areas | Building Footprints | Washougal |
| Surface Water Project Areas | Taxlots | |
| Water Project Areas | Clark County | |

PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Future

PROJECT DESCRIPTION

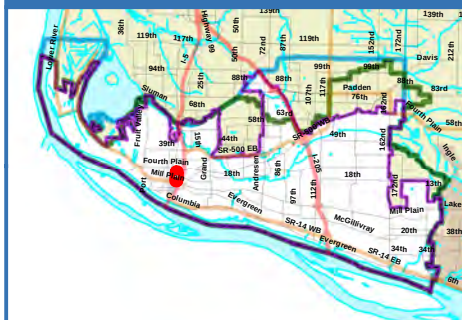
Project Justification / Priority

3 - New systems to replace existing mains, and address pressure deficiencies as identified in last Water System Comp Plan.

Project Description / Comments

This adds additional capacity for future growth and improved reliability, and addresses pressure deficiencies as identified in our most recent Water System Comprehensive Plan. Project budget to replace existing substandard main with 1,550 lf of new 12" ductile iron main

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083577
Budget / Proj. Task #:	
Total Project Cost:	\$380,000.00
*Start of Const. (Year):	2022

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

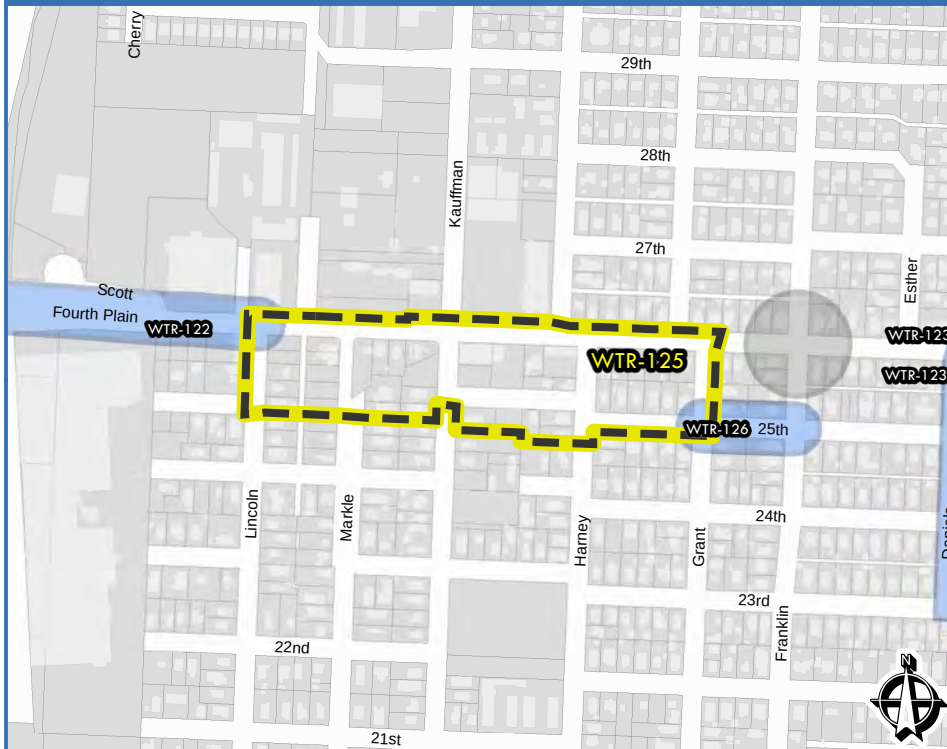
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: 4TH PLAIN AND 25TH ST. - LINCOLN TO GRANT ST. (T-4)

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

3 - New systems to replace existing mains and address system pressure deficiencies.

Project Description / Comments

This adds additional capacity for future growth and improved reliability, and addresses pressure deficiencies as identified in our most recent Water System Comprehensive Plan. Project budget to replace existing substandard main with 1,590 lf of new 12" ductile iron main

LEGEND

	Project Area		SCIP Project Areas		Battle Ground
	Transportation Project Areas		Vancouver City Limits		Camas
	Sanitary Sewer Project Areas		Building Footprints		Washougal
	Surface Water Project Areas		Taxlots		
	Water Project Areas		Clark County		

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083578
Budget / Proj. Task #:	
Total Project Cost:	\$390,000.00
*Start of Const. (Year):	2022

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **25TH ST. - GRANT ST. TO FRANKLIN ST (T-5)**

PROJECT AREA MAP



LEGEND

- | | | |
|------------------------------|-----------------------|---------------|
| Project Area | SCIP Project Areas | Battle Ground |
| Transportation Project Areas | Vancouver City Limits | Camas |
| Sanitary Sewer Project Areas | Building Footprints | Washougal |
| Surface Water Project Areas | Taxlots | |
| Water Project Areas | Clark County | |

PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

3 - New systems to address pressure deficiencies as identified in our most recent Water System Comprehensive Plan.

Project Description / Comments

This adds additional capacity for future growth and improved reliability, and addresses pressure deficiencies as identified in our most recent Water System Comprehensive Plan. Project budget to replace existing substandard main with 280 lf of new 12" ductile iron main

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	N/A
Budget / Proj. Task #:	
Total Project Cost:	\$70,000.00
*Start of Const. (Year):	2024

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

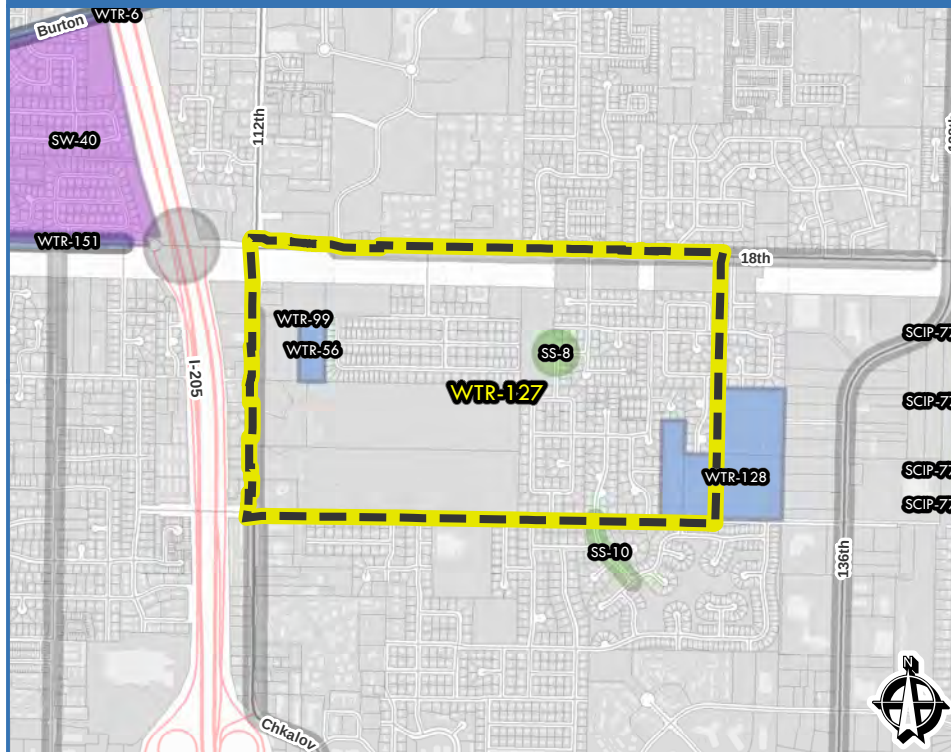
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: 9TH ST. TO 18TH ST, 112TH TO 129TH AVE (T-36)

PROJECT AREA MAP



LEGEND

- | | | |
|------------------------------|-----------------------|---------------|
| Project Area | SCIP Project Areas | Battle Ground |
| Transportation Project Areas | Vancouver City Limits | Camas |
| Sanitary Sewer Project Areas | Building Footprints | Washougal |
| Surface Water Project Areas | Taxlots | |
| Water Project Areas | Clark County | |

PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

3 - New systems to replace existing mains and address system operating pressure deficiencies.

Project Description / Comments

This adds additional capacity for future growth and improved reliability, and addresses pressure deficiencies as identified in our most recent Water System Comprehensive Plan. Project budget to replace existing substandard main with 10,380 lf of new 24" ductile iron main, and 4,390 lf of new 18" DI main.

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	N/A
Budget / Proj. Task #:	
Total Project Cost:	\$5,300,000.00
*Start of Const. (Year):	2024

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

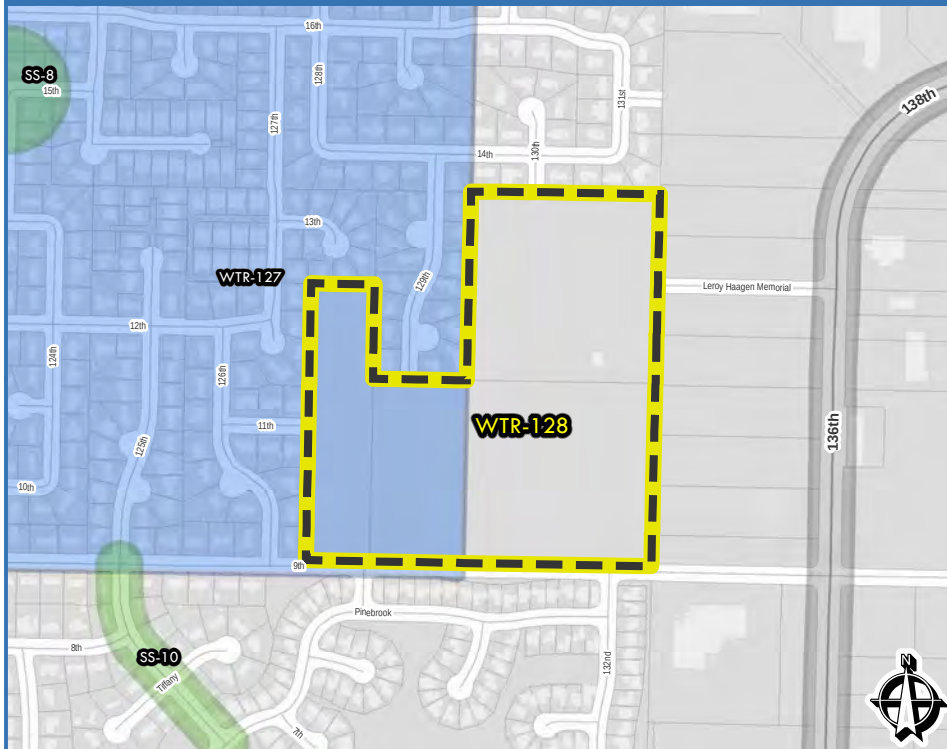
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: HAAGAN PARK, NORTH OF NE 9TH ST. (T-37)

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

3 - New systems to improve reliability and expand capacity across NE 9th St corridor

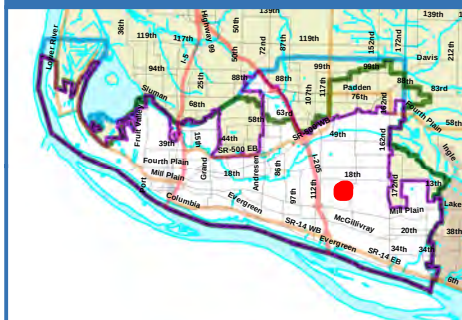
Project Description / Comments

This adds capacity for future growth and improved reliability, and addresses pressure deficiencies as identified in our most recent Water System Comprehensive Plan. Project budget for new waterline to cross Haagan Park, and install 670 lf of new 16" ductile iron main. Connects two dead end transmission mains to improve system reliability and pressures.

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083579
Budget / Proj. Task #:	
Total Project Cost:	\$210,000.00
*Start of Const. (Year):	2022

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

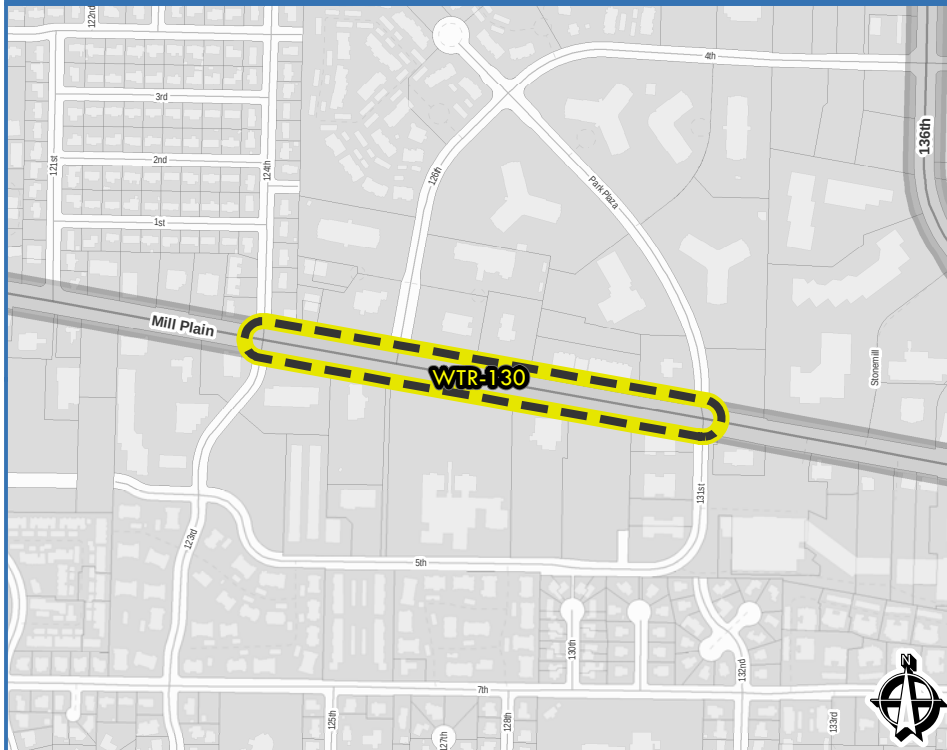
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: MILL PLAIN BLVD. - 124TH AVE TO 131ST AVE (T-46)

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

3 - New systems to replace existing mains.

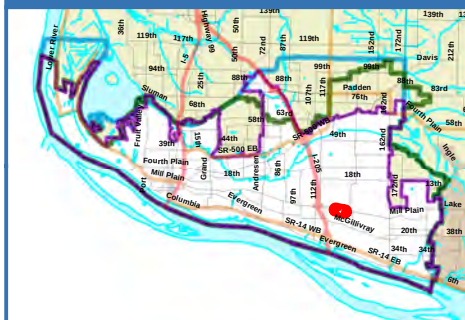
Project Description / Comments

This adds additional capacity for future growth and improved reliability, and addresses pressure deficiencies as identified in our most recent Water System Comprehensive Plan. Project budget to replace existing substandard main with 2,960 lf of new 18" ductile iron main

LEGEND



VICINITY MAP



FUNDING & SCHEDULE

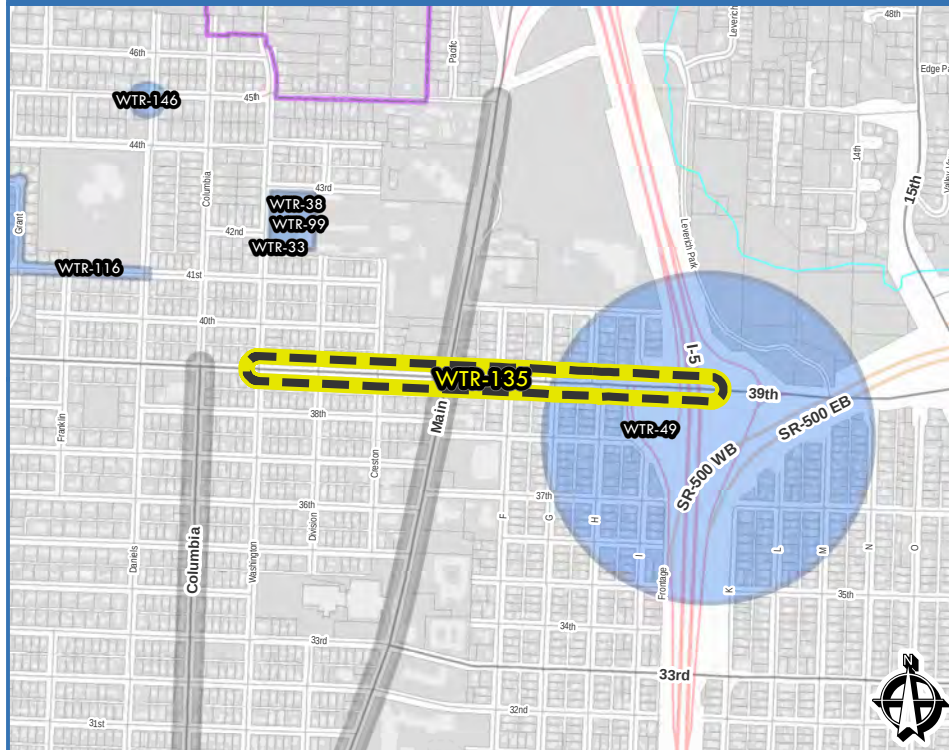
Budget / Proj. #:	N/A
Budget / Proj. Task #:	
Total Project Cost:	\$825,000.00
*Start of Const. (Year):	2023



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **39TH ST - WASHINGTON TO I-5**

PROJECT AREA MAP



LEGEND

- | | | |
|------------------------------|-----------------------|---------------|
| Project Area | SCIP Project Areas | Battle Ground |
| Transportation Project Areas | Vancouver City Limits | Camas |
| Sanitary Sewer Project Areas | Building Footprints | Washougal |
| Surface Water Project Areas | Taxlots | |
| Water Project Areas | Clark County | |

PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

3 - New system to replace existing mains.

Project Description / Comments

This adds additional capacity for future growth and improved reliability, and addresses pressure deficiencies as identified in our most recent Water System Comprehensive Plan. Project budget to replace existing substandard main with 2800 lf of new 8" ductile iron main

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083694
Budget / Proj. Task #:	
Total Project Cost:	\$575,000.00
*Start of Const. (Year):	2017

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

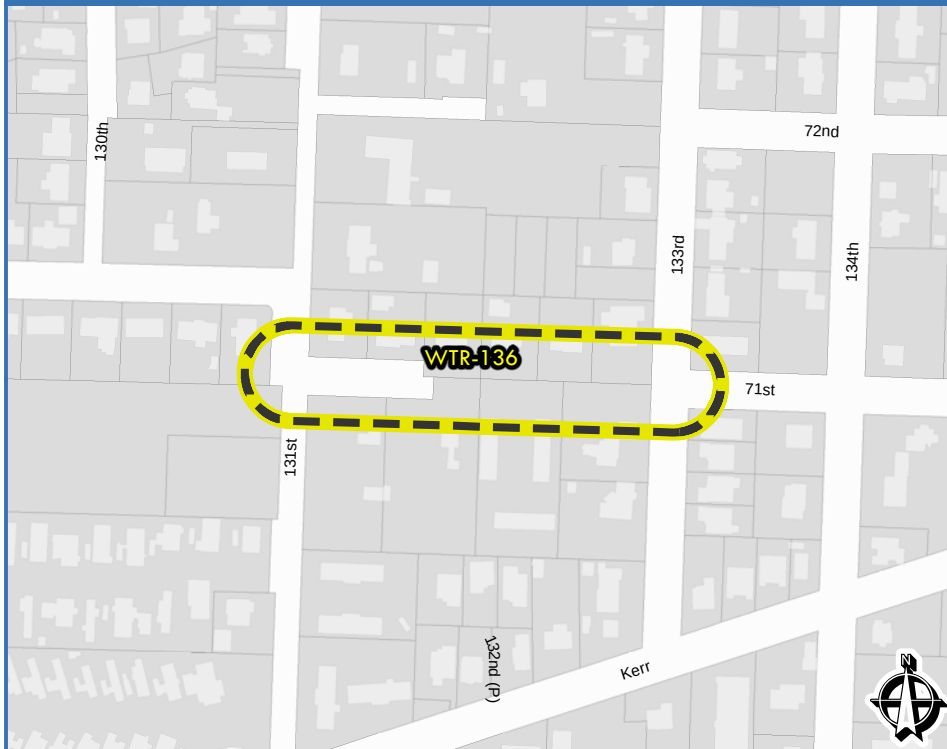
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: NE 71ST ST - NE 131ST AVE TO NE 133RD AVE

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

3 - New systems to replace existing mains.

Project Description / Comments

This adds additional capacity for future growth and improved reliability, and addresses pressure deficiencies as identified in our most recent Water System Comprehensive Plan. Project budget to replace existing substandard main with 600 lf of new 8" ductile iron main

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083695
Budget / Proj. Task #:	
Total Project Cost:	\$75,000.00
*Start of Const. (Year):	2017

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

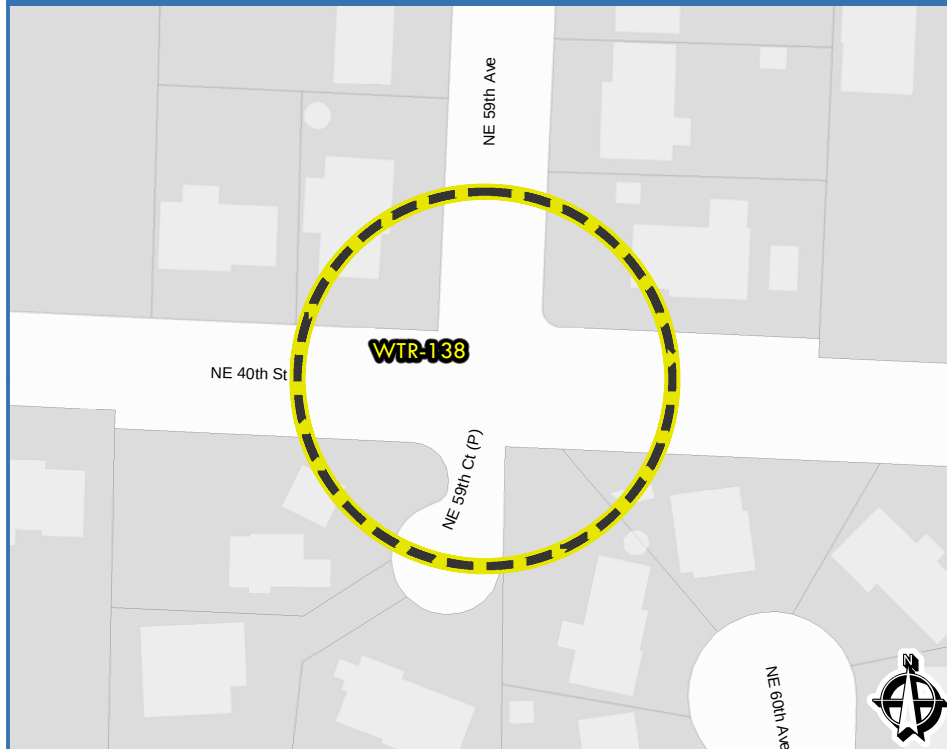
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **NE 59TH AVE AND NE 40TH ST**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

3 - New pipe to replace existing mains.

Project Description / Comments

This adds additional capacity for future growth and improved reliability, and addresses pressure deficiencies as identified in our most recent Water System Comprehensive Plan. Project budget to replace existing substandard main with 900 lf of new 8" ductile iron main

LEGEND

	Project Area		SCIP Project Areas		Battle Ground
	Transportation Project Areas		Vancouver City Limits		Camas
	Sanitary Sewer Project Areas		Building Footprints		Washougal
	Surface Water Project Areas		Taxlots		
	Water Project Areas		Clark County		

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083697
Budget / Proj. Task #:	
Total Project Cost:	\$160,000.00
*Start of Const. (Year):	2018

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

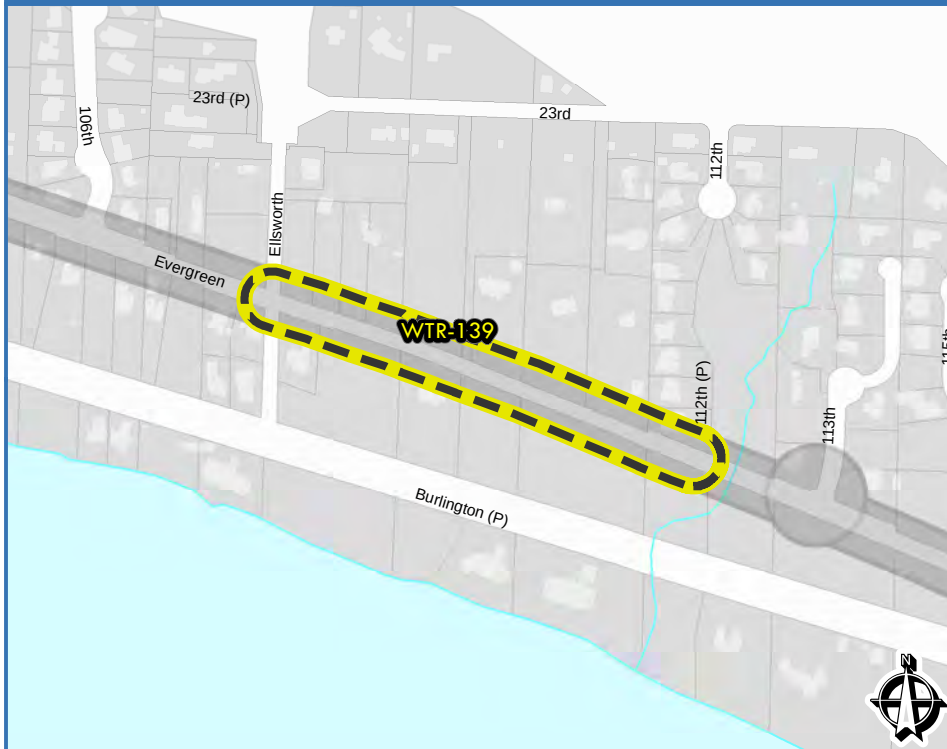
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **EVERGREEN HIGHWAY ELLSWORTH EAST**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

3 - New systems to replace existing mains.

Project Description / Comments

This adds additional capacity for future growth and improved reliability, and addresses pressure deficiencies as identified in our most recent Water System Comprehensive Plan. Project budget to replace existing substandard main with 1000 lf of new 12" ductile iron main

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083698
Budget / Proj. Task #:	
Total Project Cost:	\$245,000.00
*Start of Const. (Year):	2018

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

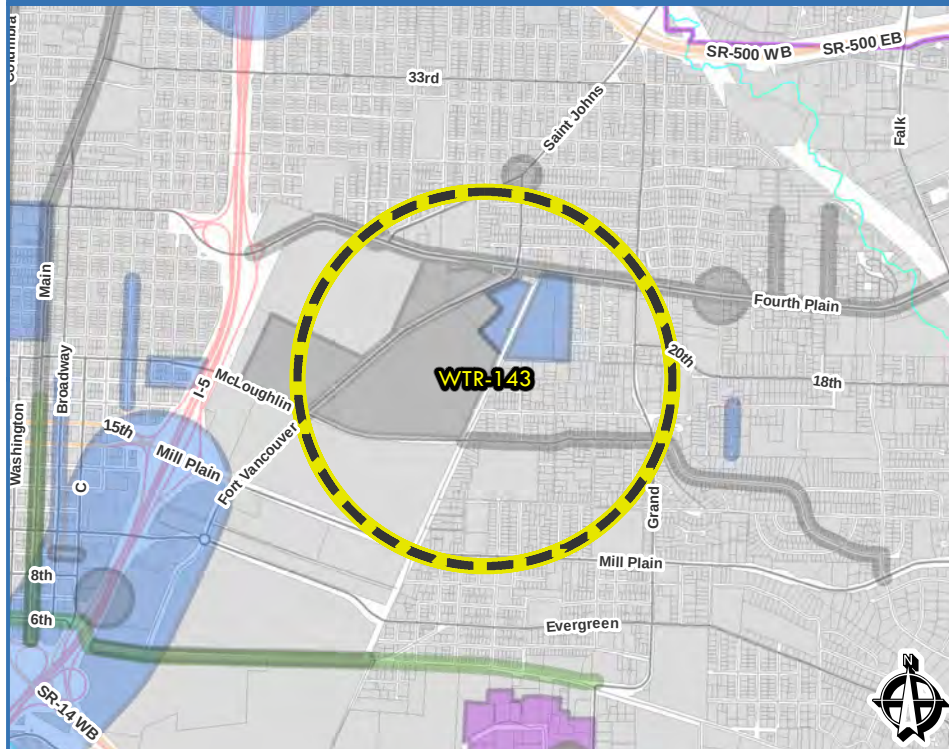
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **VANCOUVER LOW PRESSURE ZONE REZONE SOUTH OF WATER STATION #1**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

1 - Compliance with WDOH water system regulations

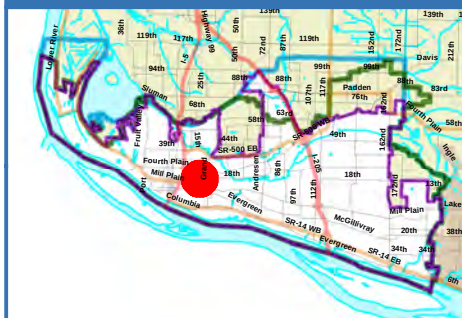
Project Description / Comments

System Pressure Study to optimize water system delivery pressures over the east half of our service area. System study as recommended by our most recent Water System Comprehensive Plan.

LEGEND

	Project Area		Water Project Areas		Clark County
	Transportation Project Areas		SCIP Project Areas		Battle Ground
	Sanitary Sewer Project Areas		Vancouver City Limits		Camas
	Surface Water Project Areas		Taxlots		Washougal

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	N/A
Budget / Proj. Task #:	
Total Project Cost:	\$310,000.00
*Start of Const. (Year):	2022

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

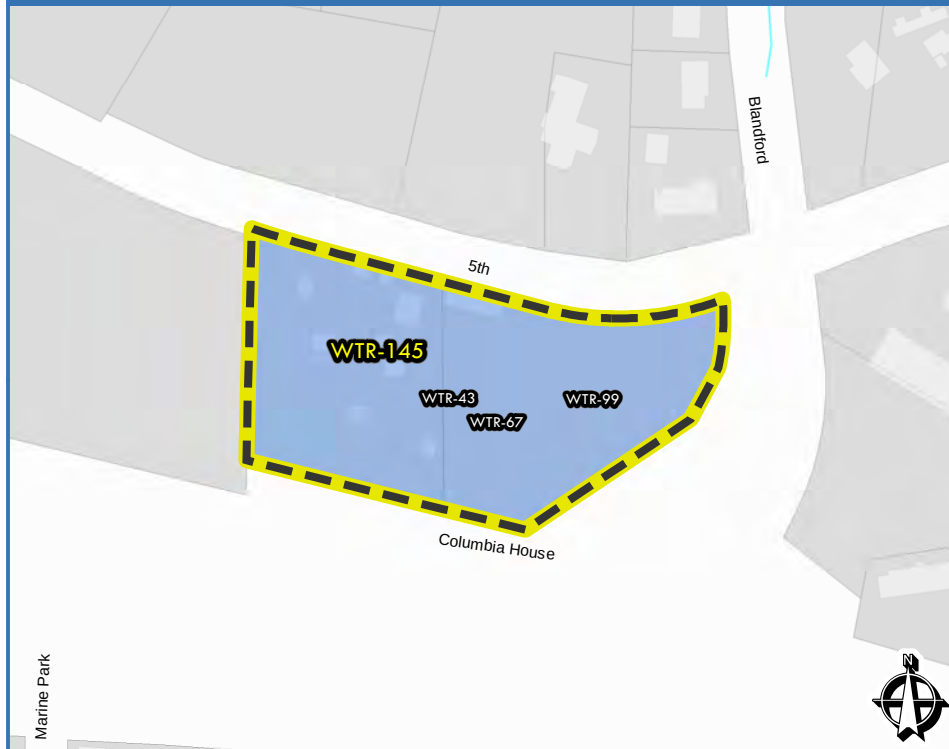
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: SODIUM HYPO GENERATION SYSTEM WS #4

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

5 - Lower operating costs, by replacing the existing sodium hypochlorite system.

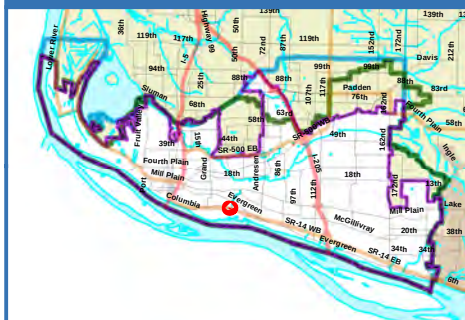
Project Description / Comments

Replace the existing Sodium Hypochlorite generation system at WS 7 with a new sodium hypochlorite generation system. Replacing the existing aging system will reduce our annual operations and maintenance costs by standardizing systems.

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	N/A
Budget / Proj. Task #:	
Total Project Cost:	\$1,200,000.00
*Start of Const. (Year):	2023

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

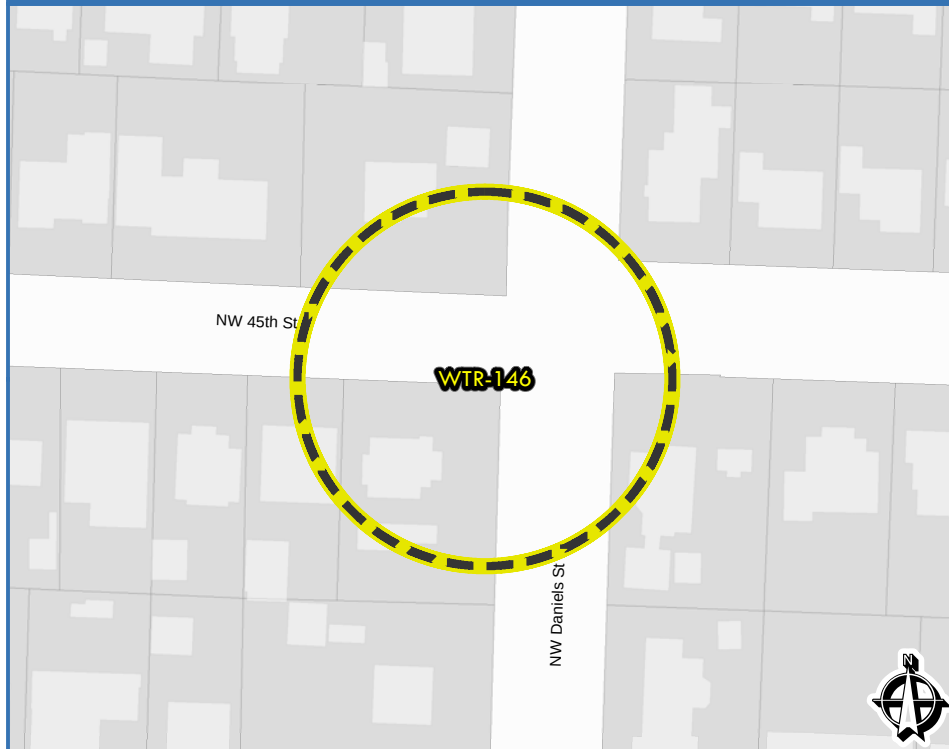
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: NE 45TH ST BOOSTER PUMP STATION REPLACEMENT

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

2 - Improve safety by replacing the current pump station and vault.

Project Description / Comments

The current pump station is old, difficult to maintain and located in a problematic vault. Project budget will replace the existing pump station with a new pump station that includes multiple correctly sized pumps located in a more accessible location.

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	N/A
Budget / Proj. Task #:	
Total Project Cost:	\$1,750,000.00
*Start of Const. (Year):	2024

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

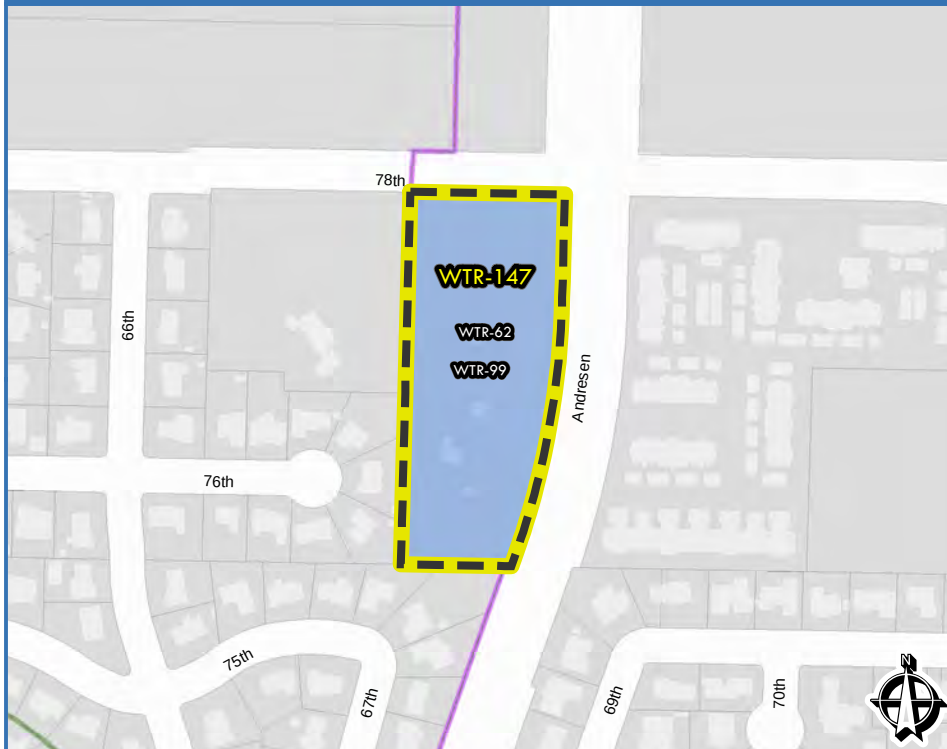
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WS 14 WELL MOTOR CONTROL CENTER REPLACEMENT

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Production
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

4- Replace/preserve/rehabilitate systems to extend their useful service life

Project Description / Comments

This project completely replaces the 40 yr old Water Station 14 well Motor Control Center (MCC) units, that have reached the end of their service life

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083725
Budget / Proj. Task #:	
Total Project Cost:	\$110,000.00
*Start of Const. (Year):	2019

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

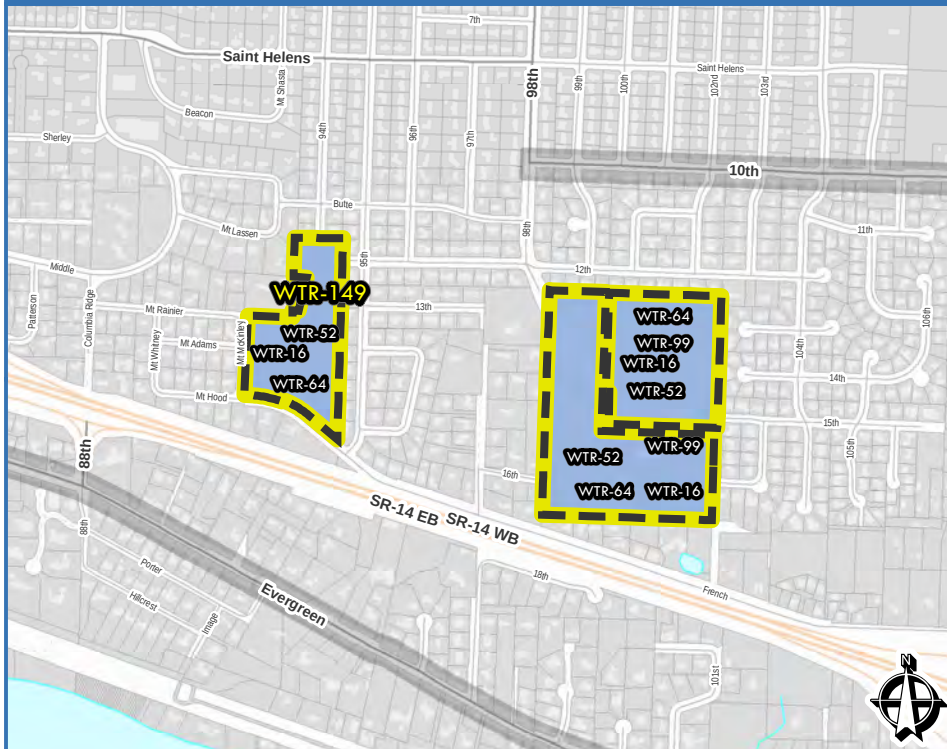
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: ELLSWORTH VALVE REPLACEMENT

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Water

Project Type:

Production

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

4- Replace/preserve/rehabilitate systems that have reached the end of their useful life.; to ensure reliability for the drain valve actuators in the Ellsworth water production site.

Project Description / Comments

This project completely replaces the valve actuators for our Ellsworth water treatment plant production site. These existing valve actuators are over 20 years old and failing due to age.

LEGEND

- | | | |
|------------------------------|-----------------------|---------------|
| Project Area | SCIP Project Areas | Battle Ground |
| Transportation Project Areas | Vancouver City Limits | Camas |
| Sanitary Sewer Project Areas | Building Footprints | Washougal |
| Surface Water Project Areas | Taxlots | |
| Water Project Areas | Clark County | |

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #: 083726

Budget / Proj. Task #:

Total Project Cost: \$110,000.00

***Start of Const. (Year):** 2019

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

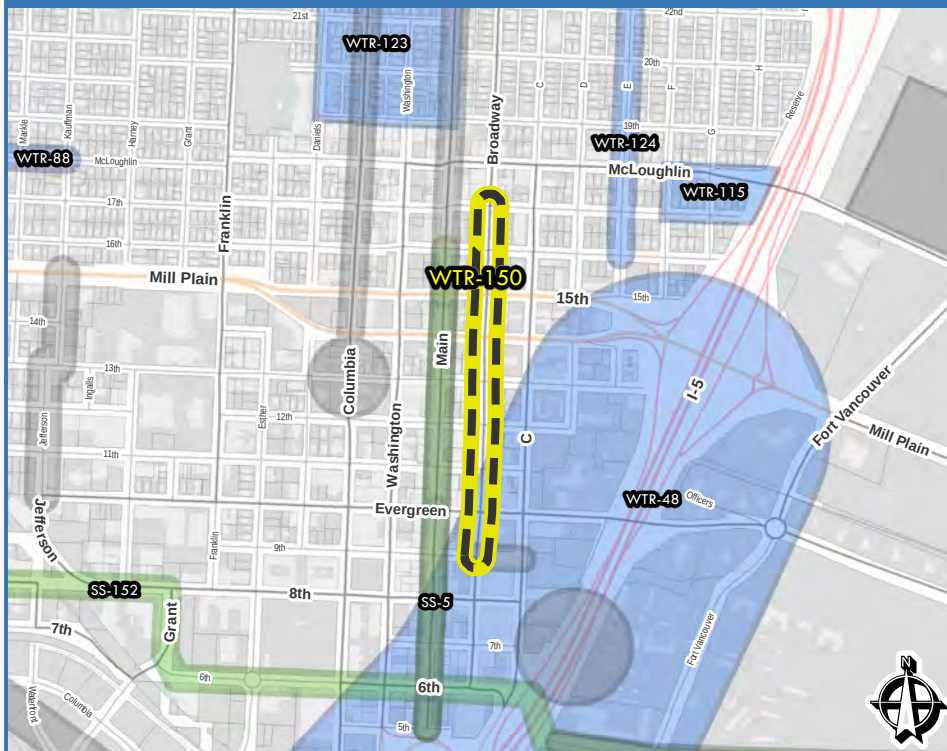
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **BROADWAY- 9TH TO 17TH ST**

PROJECT AREA MAP



LEGEND

- | | | |
|------------------------------|-----------------------|---------------|
| Project Area | SCIP Project Areas | Battle Ground |
| Transportation Project Areas | Vancouver City Limits | Camas |
| Sanitary Sewer Project Areas | Building Footprints | Washougal |
| Surface Water Project Areas | Taxlots | |
| Water Project Areas | Clark County | |

PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

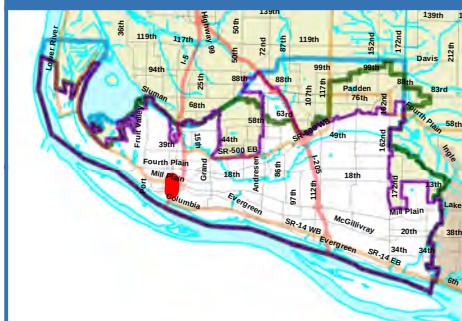
Project Justification / Priority

4- Replace/preserve/rehabilitate existing assets to extend service life.

Project Description / Comments

This project replaces aging water main in poor condition in this central downtown corridor. Project budget to install current standard CI 52 Ductile Iron

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083556
Budget / Proj. Task #:	
Total Project Cost:	\$830,000.00
*Start of Const. (Year):	2019

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

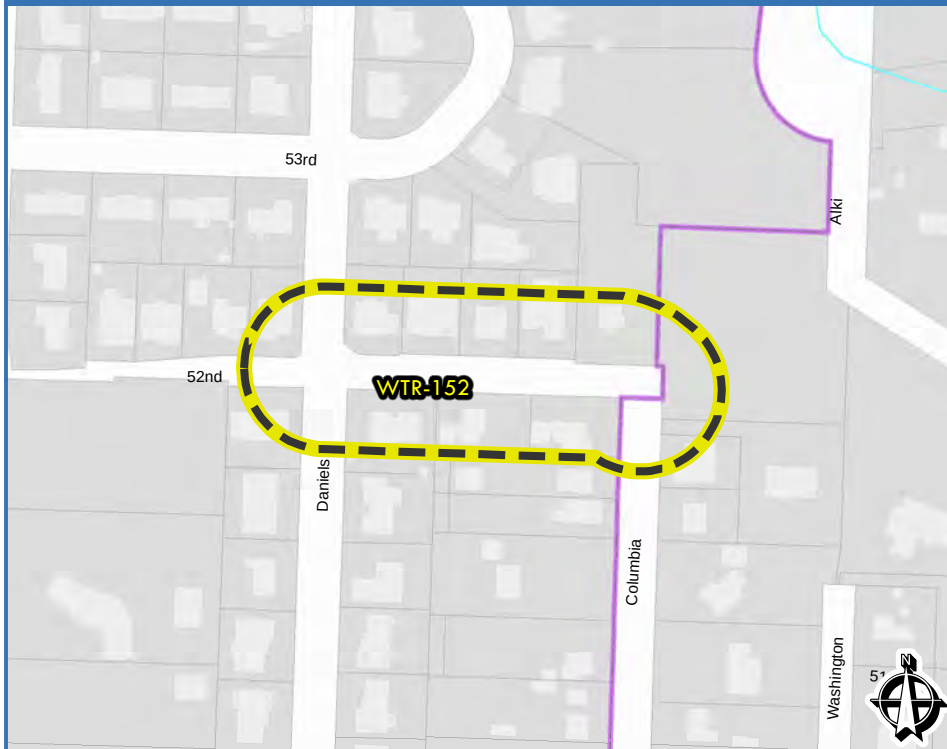
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: 52ND ST - DANIELS TO COLUMBIA (D-06)

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

3- New systems to correct fireflow deficiency as identified in our current Water System Master Plan

Project Description / Comments

Project budget to replace one block of existing main with 8" CI 52 Ductile Iron

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	N/A
Budget / Proj. Task #:	
Total Project Cost:	\$45,000.00
*Start of Const. (Year):	2021

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

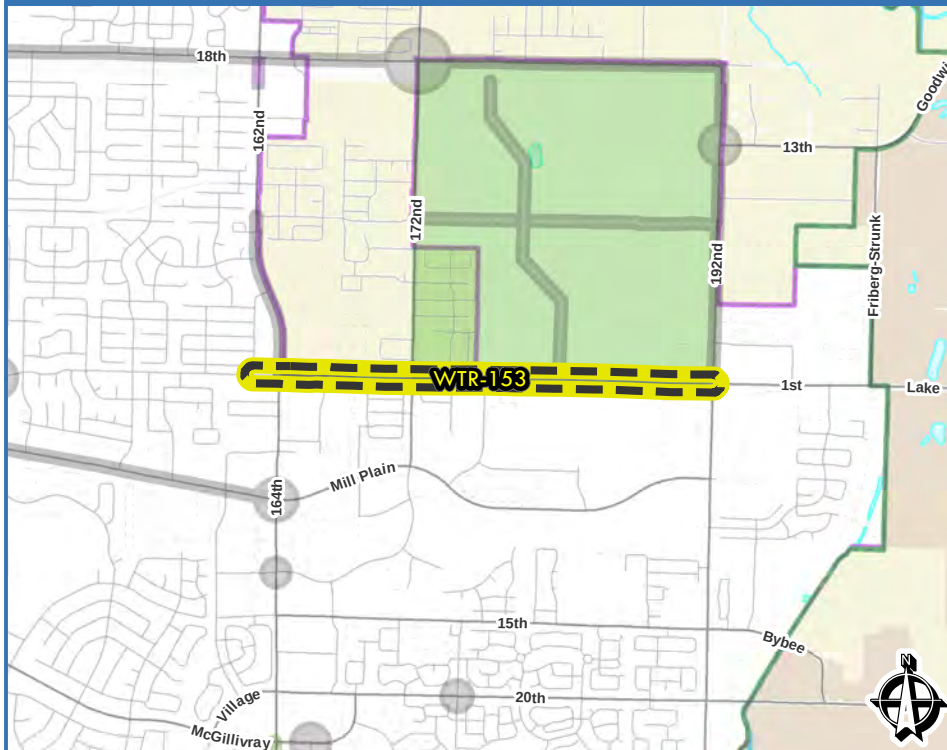
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: SE 1ST ST - SE 162ND AVE TO SE 192ND AVE

PROJECT AREA MAP



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		

PROJECT SUMMARY

Program/Discipline Type:	Water
Project Type:	Distribution
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

3 - New systems for SE 1st St Improvements Roadway Coordination for SE 1st Improvements

Project Description / Comments

To install new main during this Roadway Coordination project for SE 1st Improvements— SE164th to SE192nd Ave. Project budget to install 1800 lf of new 12" ductile iron waterline

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	N/A
Budget / Proj. Task #:	
Total Project Cost:	\$360,000.00
*Start of Const. (Year):	2023

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



20 YEAR CAPITAL IMPROVEMENT PROGRAM FOR WATER (2019-2038)

Note: All costs are in 2018 dollars

Project Description	Project Type***	Replacement/ Expansion	Project Number	CIP #	*2018 Budget	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	Total
448 Water Construction Fund																										
Water Production Projects																										
PRODUCTION PROJECTS BY WELLFIELD:																										
Water Station 1 Standby Power Booster Station	S	E=25%	083402	WTR-37	4,521,183	-	-																			-
Water Station 1 - Two 4 MG Reservoirs& Standpipe	ST	E=29%	083462	WTR-39	11,590,575	7,000,000	11,980,000	4,500,000	1,000,000																	24,480,000
Water Station 1: Replace Wells 3, 4, and 5	S	Replacement	083544	WTR-44		-	-		4,000,000																	4,000,000
Water Station 3 Master Plan	P	Neither	N/A	WTR-38		-	-		130,000																	130,000
Water Station 3 Reservoir/Tower/Booster Replace	ST	Replacement	083545	WTR-53		-	-		500,000	2,500,000	8,500,000	5,420,000														16,920,000
Water Station 3 Replace Wells 1 & 2 with one well	S	Replacement	N/A	WTR-54		-	-					1,700,000														1,700,000
Sodium Hypo Gen System WS 4	S	Replacement	N/A	WTR-145		-	-			1,200,000																1,200,000
Water Station 4 Replace Well 1	S	Replacement	N/A	WTR-43		-	-							1,500,000												1,500,000
Water Station 4 Well 4 Building Replacement	S	Replacement	083549	WTR-67		-	400,000																			400,000
WS 5 Master Plan	P	Replacement	083539	N/A	300,000	-	-																			-
Water Tower 5.6.7 Seismic Improvements	ST	Replacement	083535	WTR-A1-6	1,250,000	55,000	-																			55,000
WS 5 Reservoir, Pump, E-Power	ST	Replacement	083537	WTR-101		30,000	1,000,000	5,000,000	13,000,000	6,570,000																25,600,000
WS 5 Tower Internal Coating	ST	Replacement	083550	WTR-106		-	500,000																			500,000
Water Station 5 Reservoir Drain	ST	Replacement	083715	WTR-A1-27	90,000	40,000	-																			40,000
Water Station 5 External Coating	ST	Replacement	N/A	N/A		-	-																		600,000	600,000
Water Station 6 Well/Treatment Install	S	Expansion	083534	WTR-69		-	-										2,000,000	1,000,000								3,000,000
WS 6 Tower Internal/External Coating	ST	Replacement	083552	WTR-107		1,000,000	-																			1,000,000
WS 7 Hypo Gen System	S	Replacement	083541	WTR-103		-	-	450,000																		450,000
Water Station 7 Greensand	S	Replacement	N/A	N/A		-	-					250,000														250,000
WS 7 Tower Internal Coating	ST	Replacement	083551	WTR-108		-	-	600,000																		600,000
Water Station 8 Replace Wells 2 & 3	S	Replacement	N/A	WTR-68		-	-								1,200,000	1,200,000										2,400,000
WS 8 Hypo Gen System	S	Replacement	083542	WTR-104		-	-	450,000																		450,000
Sodium Hypo Gen System WS 9	S	Replacement	083533	WTR-61		800,000	500,000																			1,300,000
Station 9 Reservoir Roof Repairs		Replacement	083518	WTR-133	151,659	-	-																			-
WS 9 Lead & Copper Pilot Study	P	Neither	083531	WTR-100	100,000	-	-																			-
Sodium Hypo Gen System WS 14	S	Replacement	083461	WTR-62	397,324	-	-																			-
WS 14 Well MCC Replacement	S	Replacement	083725	WTR-147		110,000	-																			110,000
Sodium Hypo Gen System WS 15	S	Replacement	083540	WTR-63		-	400,000																			400,000
Water Station 15 Wells 1-4 Replacement	S	R=30%, E=70%	N/A	WTR-65		-	-					3,000,000	1,500,000													4,500,000
Sodium Hypo Gen System Ellsworth	S	Replacement	083532	WTR-64		650,000	100,000																			750,000
Ellsworth Well Rehabilitation	S	Replacement	083460	WTR-16	30,000	-	-				300,000								300,000							600,000
Ellsworth Greensand Replacement	S	Replacement	N/A	N/A		-	-															1,000,000				1,000,000
Ellsworth Well Replacement	S	Replacement	N/A	N/A		-	-						4,500,000													4,500,000
Ellsworth Valve Replacement	S	Replacement	083726	WTR-149		110,000																				110,000
Westside Wellfield Property	S	Expansion	N/A	WTR-A1-24		-	-					2,000,000														2,000,000
Westside Wellfield Construction	S	Expansion	N/A	WTR-A1-24		-	-														2,000,000	7,000,000	15,000,000			24,000,000
PRODUCTION PROJECTS - OTHER:																										-
Pump House Roofing Replacement	S	Replacement	083490	WTR-99	139,900	200,000	-																			200,000
Exploration for New Water Source	S	Expansion	083530	WTR-A1-17	50,000	-	-																			-
Treatment Regulations Compliance	S	Expansion	N/A	WTR-A1-23		-	-			1,000,000																1,000,000
45th St Booster Pump Station Replace	S	Replacement	N/A	WTR-146		-	-				1,750,000															1,750,000
Study for Adding a 4th Pump at St. Johns	P	Expansion	N/A	N/A		-	-					10,000														10,000
Study for Additional HH Tanks	P	Expansion	N/A	N/A		-	-										20,000									20,000
Reservoir Install Southeast	ST	Expansion	N/A	N/A		-	-											1,000,000	4,500,000	2,500,000						8,000,000
Standpipe in NE	ST	Expansion	083536	N/A		-	-												200,000	2,300,000						2,500,000
																										-
SCADA Projects																										-
Scada System Upgrade(2015-2018)	S	Replacement	083496	WTR-A1-29	731,773	-	-																			-
SCADA System Master Plan	P	Neither	083547	WTR-A1-25	41,221	-	-																			-
SCADA Improvements Ph. 7&8	S	Replacement	083548	WTR-A1-29	500,000	-	-																			-
SCADA Firewall/Security/Data Conent/PLC Software		Expansion	083496	WTR-A1-29		506,000	210,000	255,000																		971,000
SCADA PLC/HMI Upgrade		Expansion	083496	WTR-A1-29		-	-		62,000	139,000	31,000									40,000	70,000	204,000				546,000
SCADA Software		Replacement	083496	WTR-A1-29		-	53,000	23,000				216,000	23,000	204,000				53,000	23,000			216,000		113,000		924,000
																										-
Water Distribution Projects																										-
18th Street - Mission Hills Spill Remedies (Water)	S	Neither	083437	N/A	54,610	-	-																			-
Port Water System Upgrade	T	Expansion	083414	WTR-66	385,197	-	300,000																			300,000
PRV Flowmeters/Scada System Connections	D	Expansion	083332	WTR-A1-12	114,652	114,652	-																			114,652
Alleys E & W of G St - 19th St to 20th St	D	Replacement	083452	WTR-91	12,191	-	-																			-
Evergreen Liner	T	Replacement	083492	WTR-132	304,532	-	-																			-
28th St - Grant to Daniels Water Main	D	Replacement	083448	WTR-87		-	-																			-
W McGloughlin - Lincoln to Kaufman Water Main	D	Replacement	083449	WTR-88	48,355	-	-																			-
4th Plain Church of the Nazarene		Replacement	083524	N/A	33,543	-	-																			-
Bunch Plastic - 4th Plain & 103rd Ave	D	Replacement	083453	WTR-92	35,000	-	-																			-
Bernie PRV Replacement	D	Replacement	083555	WTR-55	214,014	-	-																			-
99th St Transmission Main - 114th to 120th Ave	T	Expansion	083528	WTR-10	2,025	-	-																			-
124th Ave Subdivision Oversize Main			083706	WTR-A1-27	3,654	-	-																			-
39th St Washington to I-5	D	Replacement	083694	WTR-135	557,529	-	-																			-
NE 71st St - NE 131st Ave to NE 133rd	D	Replacement	083695	WTR-136	17,262	-	-																			-
107th Ave - NE 76th St to NE 81st Way	D	Replacement	083696	WTR-137	290,000	-	-																			-
NE 59th Ave and 40th St	D	Replacement	083697	WTR-138	182,366	-	-																			-
Evergreen Hwy - Ellsworth East	T	Replacement	083698	WTR-139	245,000	-	-																			-
8th St and Hill St	D	Replacement	083699	WTR-140	55,000	-	-																			-
Broadway - 9th St to 17th St	D	Replacement	083556	WTR-150	100,000	730,000	-																			730,000
WS 5 to WS 9 Transmission Main	T	Expansion	083557	WTR-51	1,000,000	2,500,000	1,000,000																			3,500,000



20 YEAR CAPITAL IMPROVEMENT PROGRAM FOR WATER
(2019-2038)

Note: All costs are in 2018 dollars

Project Description	Project Type***	Replacement/ Expansion	Project Number	CIP #	*2018 Budget	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	Total
WS 5 Tank Altitude Valve	ST	Expansion	083558	WTR-110		-	120,000																			120,000
Water Main NE 49th St - NE 15th Ave to 40th Ave	D	Replacement	083440	WTR-36		-	100,000	805,000																		905,000
99th St Extension, 94th Ave to 104th Ave County	T	Expansion	083560	WTR-109	560,000	-	20,000	600,000																		620,000
*SE 1st St - Transpo Coord	D	Expansion	N/A	WTR-153		-	360,000																			360,000
VL Rezone South of WS 1	D	Neither	N/A	WTR-143		-	-		310,000																	310,000
**18th St - 97th Ave to 107th Ave Water Main		Expansion	N/A	N/A						150,000	280,000															430,000
SCIP Coordination Projects	D	Replacement	083563	WTRA1-10	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000													800,000
Leak Abatement	D	Replacement	083562	WTR-A1-3		600,000	600,000	1,000,000	500,000	1,000,000	600,000	600,000	1,700,000	1,700,000	1,600,000	1,600,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	2,000,000	1,000,000	1,000,000		20,500,000
Water Demand Response	D	R=50%,E=50%	083553	WTR-A1-27	210,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	6,800,000
99th St Transmission Main - 140th Ct to Ward Rd	T	Expansion	083561	N/A		-	-					2,777,000														2,777,000
SR 500/I-5 Interchange (move 24")*	T	Replacement	083564	WTR-49		-	-						550,000													550,000
																										-
Other Water Projects																										-
Water System Comp Plan	P	Neither	N/A	N/A		-	-					250,000	200,000									250,000	200,000			900,000
																										-
New Projects Master Plan Studies																										-
O&M Program Electronic Manual	P	Neither	083565	WTR-A1-112		50,000	-																			50,000
Study for Heights High HGL Balance	P	Neither	083566	WTR-A1-114		200,000	100,000												40,000							340,000
Water Rights Utilization Study WS 6,8,15	P	Neither	083458	WTR-A1-28	148,972	60,000	-																			60,000
VA Study, Emergency Response Plan, Water Shortage	P	Neither	083568	WTR-A1-113	18,678	-	-																			-
																										-
New Projects Master Plan Distribution																										-
																										-
Ash St. - south of 17th St. (D-18)	D	Replacement	083571	WTR-117	75,000																					-
41st St. and 43rd St., Lincoln Ave. to Daniels St. (D-10)	D	Replacement	083570	WTR-116		740,000																				740,000
17th St. to McLoughlin Blvd., F St. to I-5 (D-3)	D	Replacement	083569	WTR-115		-	-	150,000																		150,000
52nd St - Daniels to Columbia (D-06)	D	Replacement	N/A	WTR-152				45,000																		45,000
																										-
New Projects Master Plan Transmission																										-
**18th St Trans Main-136th to 162nd (T-40 ph2)		Expansion	N/A	WTR-119														2,410,000								2,410,000
4th Plain Blvd., 36th Ave. to Lincoln Ave. (T-3)	T	Expansion	083575	WTR-122		550,000	1,800,000																			2,350,000
Daniels St. to Main St., 19th St. to 4th Plain Blvd. (T-6)	T	Expansion	083576	WTR-123		-	-		740,000																	740,000
E St., 16th St. to 22nd St. (T-7)	T	Expansion	083577	WTR-124		-	-		380,000																	380,000
4th Plain Blvd. and 25th St., Loncoln Ave. to Grant St. (T-4)	T	Expansion	083578	WTR-125		-	-		390,000																	390,000
Haagen Park, north of 9th St. (T-37)	T	Expansion	083579	WTR-128		-	-		210,000																	210,000
WS 5 to Evergreen Trans Main Blandford (T-51)	T	Expansion	083573	WTR-120		-	-			932,000																932,000
25th St. , Grant St. to Franklin St. (T-5)	T	Expansion	N/A	WTR-126		-	-			70,000																70,000
Mill Plain Blvd. - 124th Ave. to 131st Ave. (T-46)	T	Expansion	N/A	WTR-130		-	-			825,000																825,000
9th St. to 18th St., 112th Ave. to 129th Ave. (T-36)	T	Expansion	N/A	WTR-127		-	-				5,300,000															5,300,000
Transmission Main - Burton Rd (T-34)	T	Expansion	N/A	WTR-6		-	-					200,000	2,700,000													2,900,000
Chkalov Dr., south of Mill Plain Blvd. (T-45)	T	Expansion	N/A	WTR-129		-	-					515,000														515,000
																										-
Total Water Project					24,661,215	16,445,652	19,943,000	14,278,000	21,622,000	14,786,000	17,161,000	17,078,000	7,333,000	8,204,000	3,100,000	3,100,000	3,373,000	4,833,000	2,740,000	6,140,000	6,520,000	6,020,000	8,400,000	16,513,000	1,000,000	198,589,652

Sewer Utility



Sewer Utility Recent Financial History





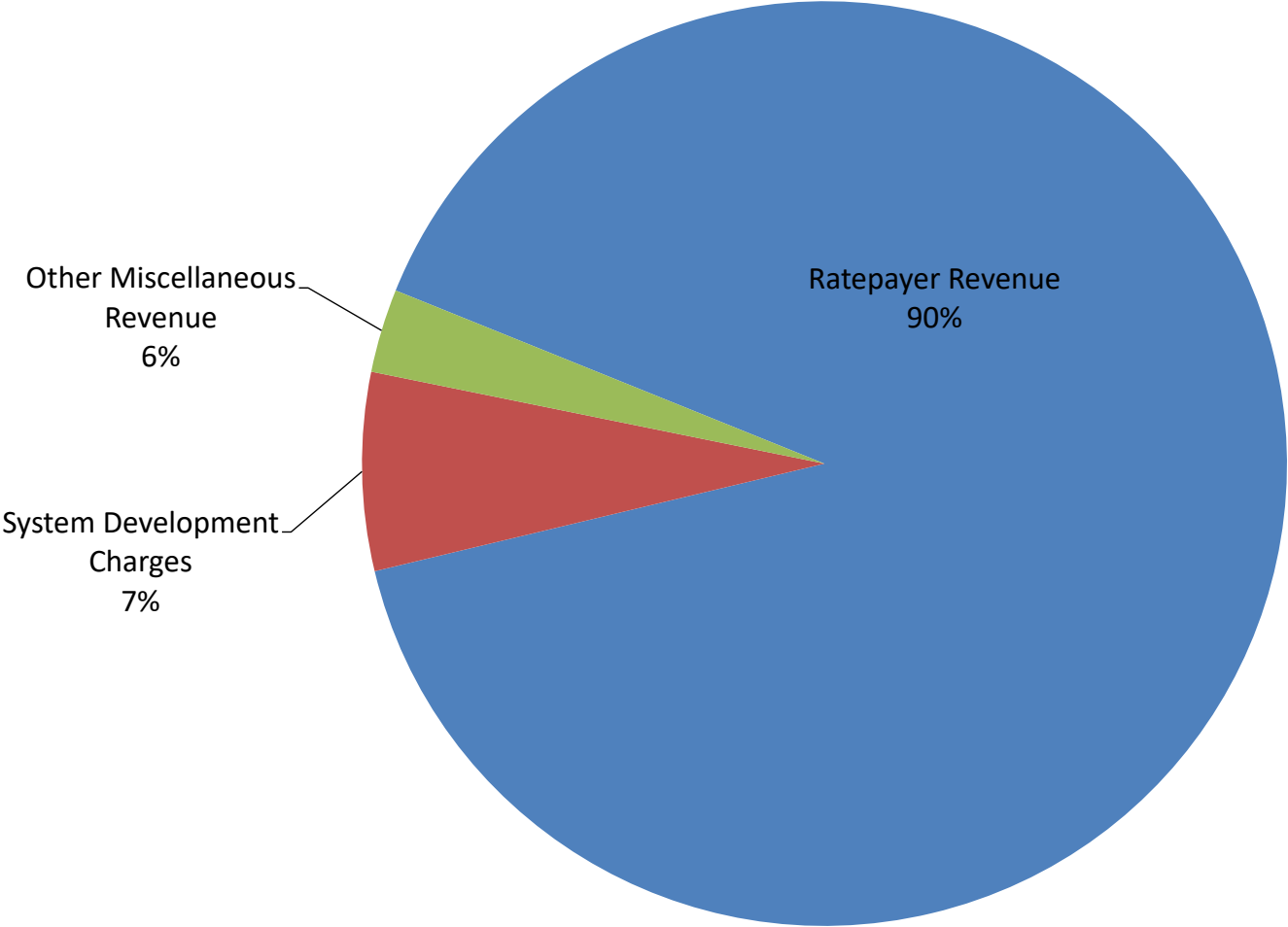
SEWER FUND ACTIVITY (2012-2017)

	2012	2013	2014	2015	2016	2017
Revenue						
Ratepayer Revenue	35,997,525	36,965,444	38,560,932	39,398,594	41,047,713	44,097,502
System Development Charges	1,644,626	3,316,544	2,305,002	3,512,883	3,746,572	3,388,484
Loan from 448						
Transfer from 449				1,481,178	320,000	
Transfer from 445						
Grants	13,080		-			
Other Miscellaneous Revenue*	<u>1,183,142</u>	<u>1,368,801</u>	<u>1,262,608</u>	<u>1,326,636</u>	<u>1,580,359</u>	<u>1,429,444</u>
Total Revenue	38,838,373	41,650,789	42,128,542	45,719,291	46,694,644	48,915,430
Expenses						
Salaries and Benefits	3,057,180	3,163,259	3,282,642	3,534,554	3,825,615	4,092,566
Supplies and Services	763,959	778,502	597,701	783,576	2,403,694	2,441,737
Treatment Plant Operations (Veolia)	9,818,967	10,162,439	9,737,910	10,451,933	7,272,743	9,653,370
Professional Services	312,163	389,635	829,260	167,866	434,346	441,504
Indirects and ER&R	<u>2,197,154</u>	<u>2,353,370</u>	<u>2,091,019</u>	<u>2,344,593</u>	<u>3,451,753</u>	<u>3,706,889</u>
Operations & Maintenance Expenses	16,149,422	16,847,205	16,538,532	17,282,522	17,388,151	20,336,066
Taxes and fees	7,922,169	8,122,488	8,438,083	8,639,218	9,695,006	11,567,646
Debt Service	13,270,531	13,271,026	11,281,751	10,804,118	10,248,093	7,564,975
Capital	348,328	570,323	412,178	759,811	2,382,843	6,526,165
Water Fund (Utilities Administration Allocation)	<u>1,214,512</u>	<u>1,333,913</u>	<u>1,325,340</u>	<u>1,456,374</u>	<u>1,538,700</u>	<u>1,484,043</u>
Expenses Subtotal	38,904,963	40,144,955	37,995,884	38,942,043	41,252,793	47,478,895
Depreciation	<u>7,599,485</u>	<u>7,580,918</u>	<u>7,587,492</u>	<u>7,390,390</u>	<u>7,381,432</u>	<u>7,166,559</u>
Total Expense	46,504,448	47,725,873	45,583,376	46,332,433	48,634,225	54,645,454

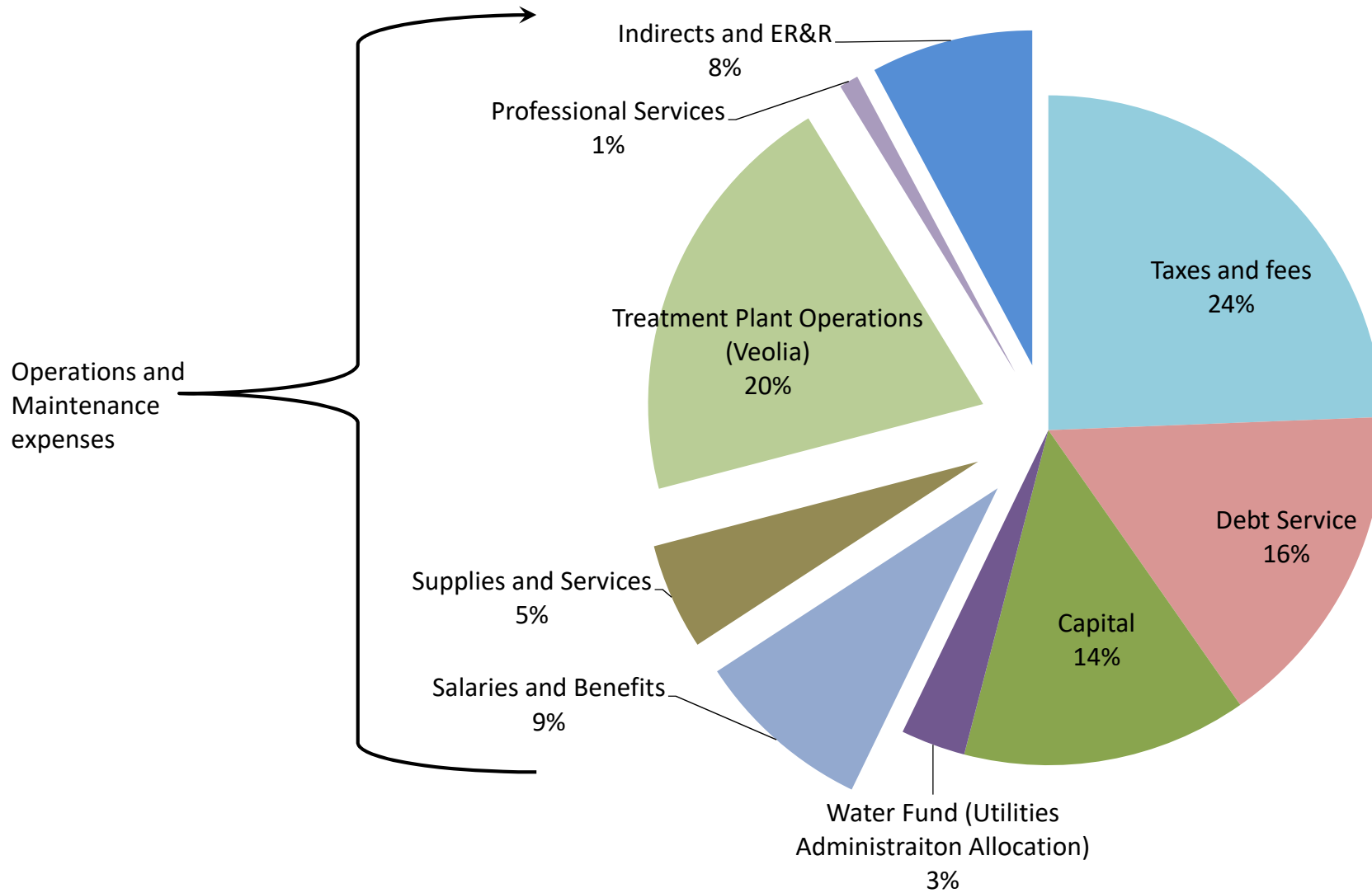
*Other Miscellaneous Revenues include items such as:

Septic Tank Receiving
Interest Earnings
Latecomer Fees

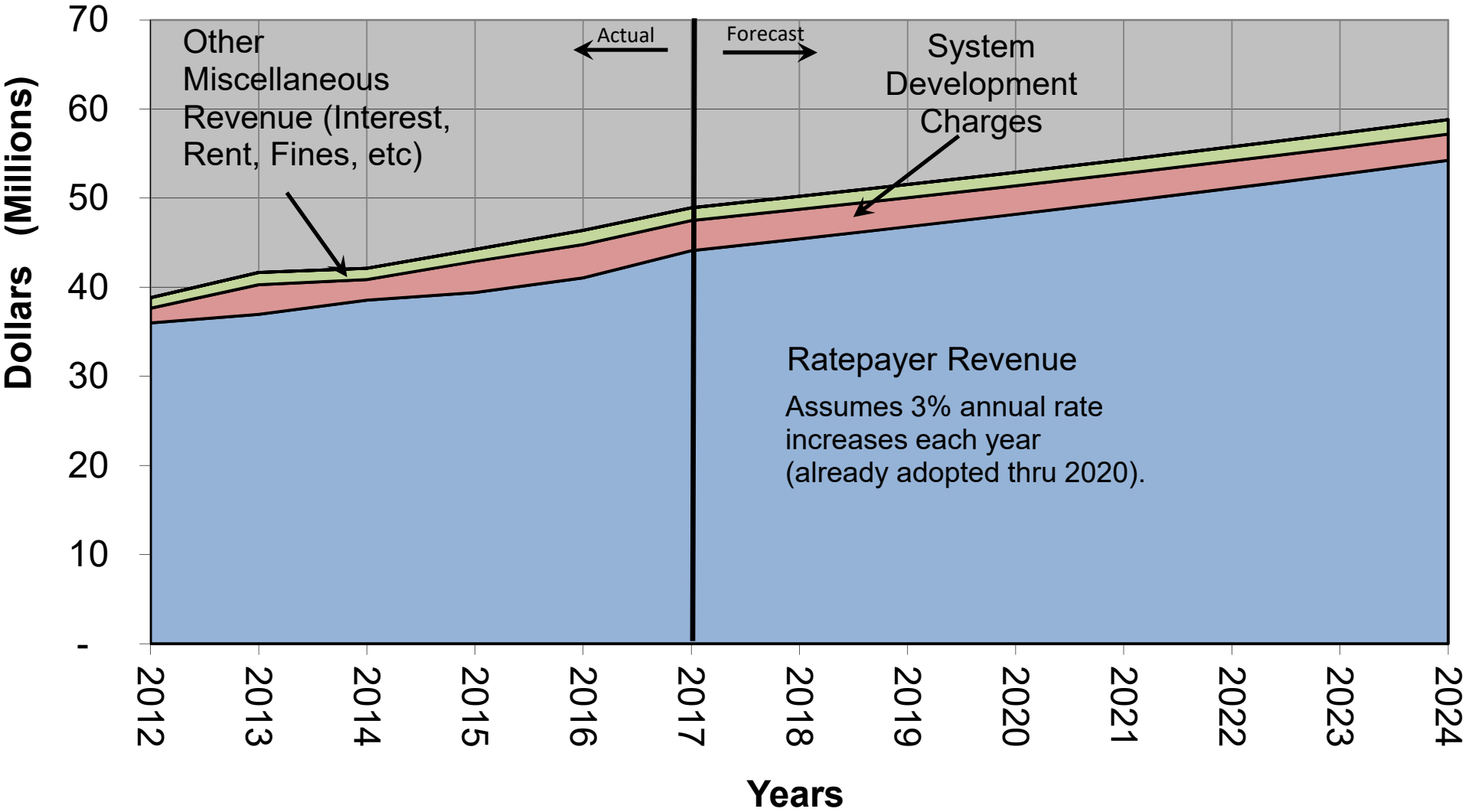
2017 Sewer Utility Revenues = \$48,915,430



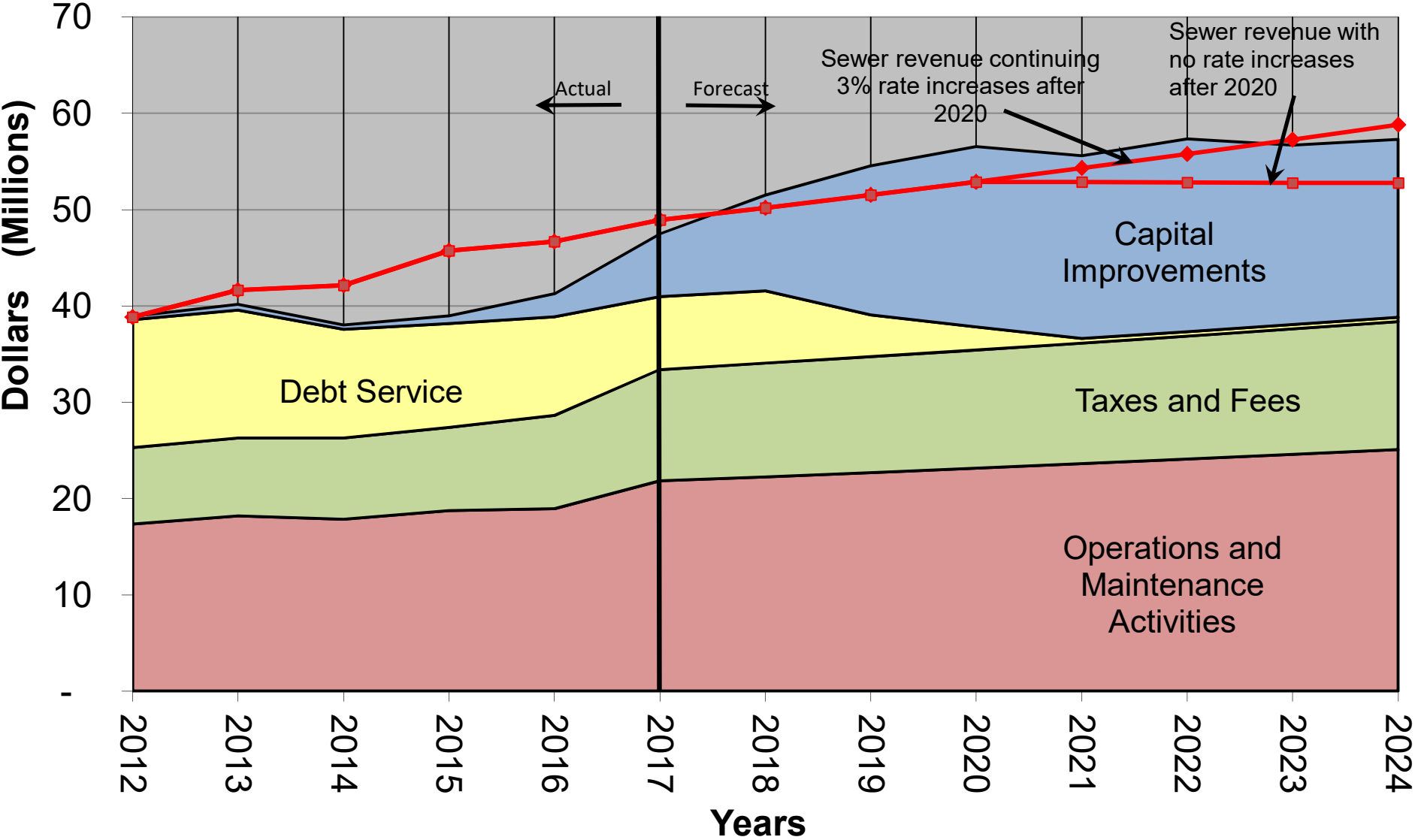
2017 Sewer Utility Expenses = \$47,478,895



Sewer Revenues (2012-2024)



Sewer Expenses (2012-2024)



Sewer Utility Project List



Sewer Utility CIP Changes

This page provides an overview of the changes from the previous 6 year project list (2018-2023) to this year's 6 year project list (2019-2024). The changes are segmented by: projects added; projects removed; and other.

Projects Added	Project Number	Comments
<u>COLLECTION SYSTEM:</u>		
NE 152 nd Ave at NE 43 rd St (083707)	SS-149	Replace an existing sewer line with extensive corrosion
NE 130 th Ave at NE 31 st -NE 43 rd St (083708)	SS-150	Replace an existing sewer line with extensive corrosion
E3A-1 Sewer Rehab CIPP (083709)	SS-151	Replace an existing sewer line with extensive corrosion
Southside Interceptor Rehab (083710)	SS-152	Re-line existing sewer line with extensive corrosion
Wastewater Collection SCADA (083711)	SS-153	Rehabilitate and upgrade SCADA for Lift Stations
SE 164 th Ave. Pipe Rehabilitation (N/A)	SS-154	Replace an existing sewer line with extensive corrosion
<u>Wastewater WRF:</u>		
Westside Elec. Upgrade Design (083714)	SS-148	Replace medium voltage substation equipment
Lagoon Blower Upgrade (083612)	SS-83	To replace lagoon blower at end of service life

Projects Removed	Project Number	Comments
<u>COLLECTION SYSTEM:</u>		
2 nd & Columbia Pump Station (083704)	N/A	PROJECT COMPLETED
Jantzen Pump Station (Grand Central 083470)	SS-98	PROJECT COMPLETED
Basin E5-4 Relief Sewers	SS-18	Project re-prioritized and put on hold
20 th & Simpson MH 5737/5738 (083520)	N/A	PROJECT COMPLETED
Daniels 9 th to 11 th St (083505)	SS-142	PROJECT COMPLETED
Utah St/Idaho St (083687)	SS-143	PROJECT COMPLETED
Port PS Condition Assessment(083691)	SS-144	PROJECT COMPLETED
NE 21 st /NE 124 th Ave Re-align(083526)	SS-145	PROJECT COMPLETED
Manhole Rehab #2574 and WS Centrate Manhole (083700)	SS-146	PROJECT COMPLETED
Strategic Plan for Wastewater (083627)	SS-A1-134	Project Removed (Sewer TAMP dated 4/17/2018)
NE 18 th St, Four Seasons to NE 138 th Ave	SS-22	PROJECT COMPLETED
<u>Wastewater WRF:</u>		
WSTP Secondary Eff. Channel Split(083618)	SS-59	WWTP Process adjusted and project no longer needed.
WSTP Maintenance Bldg. HVAC (083479)	SS-52	PROJECT COMPLETED (2018)
WSTP Headworks Imp. (083615)	SS-90	Now funded by WW Operations Contract
WSTP UV Replacement (083420)	SS-52	PROJECT COMPLETED (2018)
WSTP Outfall Upgrade (N/A)	SS-108	WWTP Process adjusted and project no longer needed.
Other Changes	Project No.	Comments
<u>Collection System:</u>		
<u>Wastewater WRF:</u>		
WS FBF Heat Exch. Replacement (083607)	SS-75	Project budget increased \$800K to \$1.3M over 2018/2019
Lagoon Upgrade Engineering (083612)	SS-83	Project budget increased \$240K to current \$300K in 2018
CP&C Gravity Thickener (083444)	SS-34	Project cancelled/ budget used for WSTP headworks project

	6-yr CAPITAL IMPROVEMENT PROGRAM FOR WASTEWATER MANAGEMENT									
									Note: All costs are in 2018 dollars	
Project Name	Number	CIP #	Budget*	2019	2020	2021	2022	2023	2024	Total
<u>Collection</u>										
Fred Meyer Pump Station Grand Central	083470	SS-98	49,176							-
Standby Power	083471	SS-A1-3	66,533	100,000	100,000	100,000	100,000	100,000	100,000	600,000
NE 18th Street, Four Seasons to 138th*	083477	SS-22	20,342							-
Biddle Way Trunk E3A Realignment	083520	SS-139	339,967							-
Main Street, 5th to 15th*	083583	SS-5				520,000				520,000
IR - Interceptor Rehabilitation	083584	SS-A1-135	935,182	1,300,000	1,000,000	1,000,000	1,000,000	1,000,000	2,000,000	7,300,000
Pinebrook Force Main Reroute	083587	SS-10					265,000			265,000
Manhole/Wye Rehabilitation	083588	SS-A1-138	195,205	100,000	100,000	100,000	100,000			400,000
Basin A-20-1 & Force Main Relocation (59th Street)	083589	SS-1		160,000						160,000
Flow Monitoring Program - Permanent Meters	083590	SS-A1-70		250,000						250,000
Capital Preservation - Collection System	083591	SS-A1-6	552,146	1,000,000	2,000,000	3,000,000	3,000,000	3,000,000	4,000,000	16,000,000
63rd St Pump Station re-build/relocate	083592	SS-140	425,000	1,000,000						1,000,000
Basin B-4 Pump Station Removal	083593	SS-8	195,000			200,000				200,000
SE 1st St, 164th to 192nd Ave Design*	083594	SS-15	60,000	60,000						60,000
NE 137th Avenue, 49th to Fourth Plain*	083596	SS-20			430,000					430,000
Mill Plain - SE 102nd Ave to Chaklov	083597	SS-126	60,000	60,000						60,000
GMA Pump Station Improvements	083598	SS-21				1,600,000				1,600,000
Section 30 Arterial Expansion*	083600	SS-23			500,000					500,000
NE 152nd Ave at Ne 43rd St Sewer Realignment	083707	SS-149	300,000	300,000						300,000
NE 130 th Ave at NE 31st St Sewer Realingment	083708	SS-150	129,002							-
E3A-1 Sewer Rehabilitation-CIPP	083709	SS-151	390,310							-
Southside Interceptor Rehab Ph 1	083710	SS-152	175,000	2,500,000						2,500,000
Wastewater Collection SCADA	083711	SS-153	226,586	150,000	150,000	150,000	150,000	150,000	150,000	900,000
SE 164th Ave Rehab	083712	SS-154		600,000						600,000
G2-1 - Trunk Inter Rehab	N/A	N/A		130,000						130,000
Southside Interceptor Rehab Ph 2	N/A	N/A			2,800,000					2,800,000
Southside Interceptor Rehab Ph 3	N/A	N/A			200,000	3,300,000				3,500,000
Southside Interceptor Rehab Ph 4	N/A	N/A				200,000	2,400,000			2,600,000
Southside Interceptor Rehab Ph 5	N/A	N/A					250,000	3,000,000		3,250,000
E - Interceptor Rehab PH 1	N/A	N/A				200,000	3,800,000			4,000,000
E - Interceptor Rehab PH 2	N/A	N/A					200,000	3,800,000		4,000,000
Burnt Bridge Creek Interceptor - Ph 1	N/A	N/A						200,000	1,500,000	1,700,000
Burnt Bridge Creek Interceptor - Ph 2	N/A	N/A						150,000	850,000	1,000,000
Burnt Bridge Creek Interceptor - Ph 3	N/A	N/A						50,000	240,000	290,000
Burnt Bridge Creek Interceptor - Ph 4	N/A	N/A						50,000	575,000	625,000
E - Interceptor Rehab PH 3	N/A	N/A							200,000	200,000
E - Interceptor Rehab PH 4	N/A	N/A								-
E - Interceptor Rehab PH 5	N/A	N/A								-
Sub-Total Collection=			4,119,449	7,710,000	7,280,000	10,370,000	11,265,000	11,500,000	9,615,000	57,740,000
<u>Treatment</u>										
West 16th Pump Station (Pump Replacement)	083580	SS-58			200,000					200,000
West 16th St Force Main Reline	083581	SS-131			150,000					150,000
Andresen Diversion Gate Valve	083582	SS-93			100,000					100,000
Sludge Force Main Extensions	083599	N/A				2,060,000				2,060,000
UV System Replacement	083420	N/A	6,900							-
CP&C Gravity Thickener - 2 Coatings	083444	SS-34	310,730							-
Maintenance Building HVAC System Replacement (Proj. complete 7/2018)	083479	SS-52	52,337							-
Mercury Abatement At SSI WS	083500	N/A	26,102							-
WS Wet Process Improvements	083601	SS-71			420,000					420,000
Westside Secondary Clarifier Tank Coating 1&2	083603	SS-92				300,000				300,000
Westside Secondary Clarifier Center Well Upgrade 3, 4, 5	083604	SS-116				125,000				125,000
Lagoon Aeration Upgrade	083606	SS-102			1,500,000	500,000				2,000,000
FBF Heat Exchanger Equipment Replacement	083607	SS-75	800,000	500,000						500,000
WS/MP Chemical Tanks Replacements	083608	SS-76				500,000				500,000
Main Industrial Pumpstation Upgrade	083610	SS-78			500,000					500,000
Fluidized Bed Furnace Replacement	083611	SS-79								-
Lagoon Blower Upgrade	083612	SS-83			300,000					300,000
UV Design Consultant & 2025 UV Upgrade	083613	N/A					500,000			500,000
WS Roof Replacements	083614	SS-104			85,000					85,000
Westside Headworks Improvements (now funded by WW Contract Ops)	083615	SS-90								-
Burnt Bridge Creek Pump Station Upgrade	083616	SS-28			400,000					400,000
Aeration Membrane Upgrade	083620	SS-31			35,000	35,000				70,000
Capital Preservation and Compliance (2)	083621	SS-32		400,000	500,000	1,400,000	1,365,000	2,000,000	2,000,000	7,665,000
CP&C 4 Multi Coating Projects	083622	SS-34			35,000		35,000			70,000
Tank Coating Projects	083624	SS-73					250,000	250,000		500,000
Laborator Respirometry Equipment	083625	SS-68					67,303			67,303
Process Controls Electronics	083626	SS-70	3,384,508	4,000,000	4,000,000	4,000,000	3,000,000			15,000,000
Marine Park Influent VFDs	083692	N/A	97,376							-
Air Gap/City Water Protection	083702	SS-115	238,128							-
Lagoon Upgrade Engineering Design	083712	SS-102	300,000							-
Marine Park Blower	N/A	SS-147			400,000					400,000
Westside Blower	N/A	SS-147		400,000						400,000
WS Schwing Pump Replacement	N/A	SS-80						600,000		600,000
WS Replace Odor Control Scrubber	N/A	SS-81						500,000		500,000
WS Grit Removal Replacement	N/A	N/A						500,000		500,000
Marine Park - Replace Odor Control Scrubbers	N/A	SS-85							1,000,000	1,000,000
Grit Reroute	N/A	N/A								-
WS Replace Centrifuges	N/A	N/A							1,400,000	1,400,000
MP UV Upgrade	N/A	N/A					1,200,000			1,200,000
WS GBT / Polymer Refurbish	N/A	N/A					400,000			400,000
MP Bar Screens Upgrade	N/A	N/A							600,000	600,000
Westside Electrical Upgrades	N/A	N/A		1,000,000	2,000,000	2,000,000	2,000,000			7,000,000
Westside Eiectcal Upgrade Design	083714	N/A	600,000							-
Sub-Total Treatment=			5,816,081	6,300,000	10,625,000	10,920,000	8,817,303	3,850,000	5,000,000	45,512,303
WASTEWATER GRAND TOTAL=			9,935,530	14,010,000	17,905,000	21,290,000	20,082,303	15,350,000	14,615,000	103,252,303
* 2018 Budget amounts include projected 2017 carry-forward										
**Project timing is dependent upon the timing of the overriding project.										



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: CAPITAL PRESERVATION - COLLECTION SYSTEM

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Collection

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

(4) - Replace/Preserve/rehabilitate - To replace/repair assets that have reached the end of useful service life.

Project Description / Comments

This project is a multi year program to rehab sewer mains where our condition assessment program show pipe corrosion or structural failure. Multi year program driven by field inspection data collected by our ongoing TV inspection condition assessment program. Field inspections show these pipes are in deteriorated condition and in need of restoration. Budgeted at about \$400,000 per year.

LEGEND



VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #: 083591

Budget / Proj. Task #:

Total Project Cost: \$24,000,000.00

***Start of Const. (Year): 2016**

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

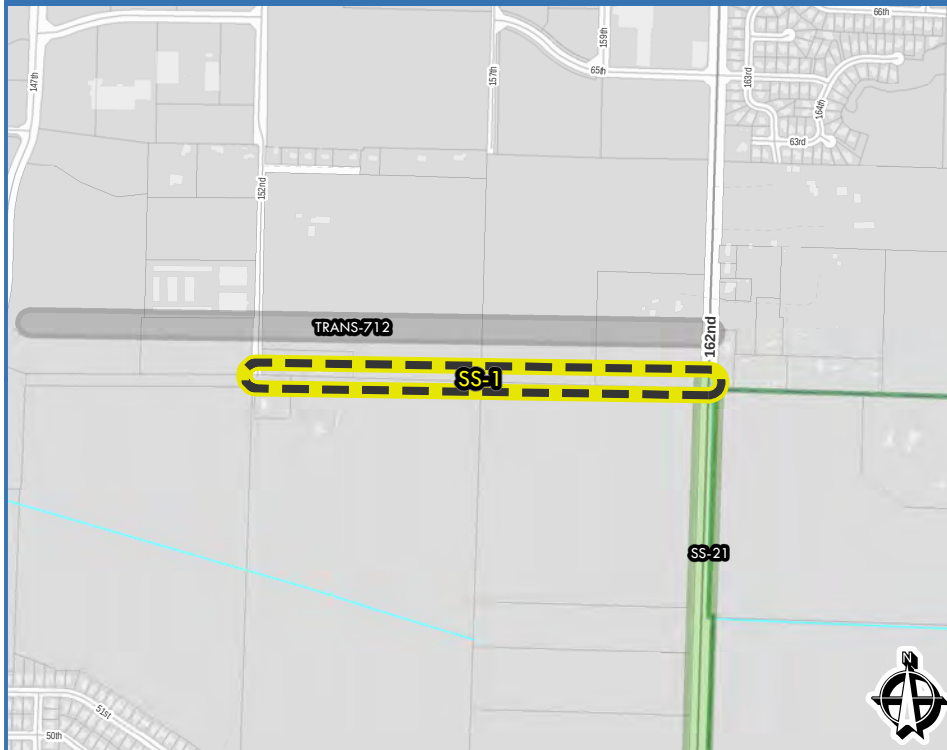
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: BASIN A-20-1 & FORCE MAIN RELOCATION (59TH STREET)

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Collection

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

(4) = Replace/preserve/rehabilitate systems

Project Description / Comments

Funds budgeted are for oversize participation in the form of supplying oversize force main sewerline pipe to the developer driven project. This project will extend 6" to 24" gravity sewer east from NE 152nd Ave. to NE 162nd Ave. This project will only move forward if NE 59th Street is constructed west of NE 162nd Ave. Timing is uncertain and the date is estimated.

LEGEND



VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #: 083589

Budget / Proj. Task #:

Total Project Cost: \$160,000.00

***Start of Const. (Year):** 2019

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

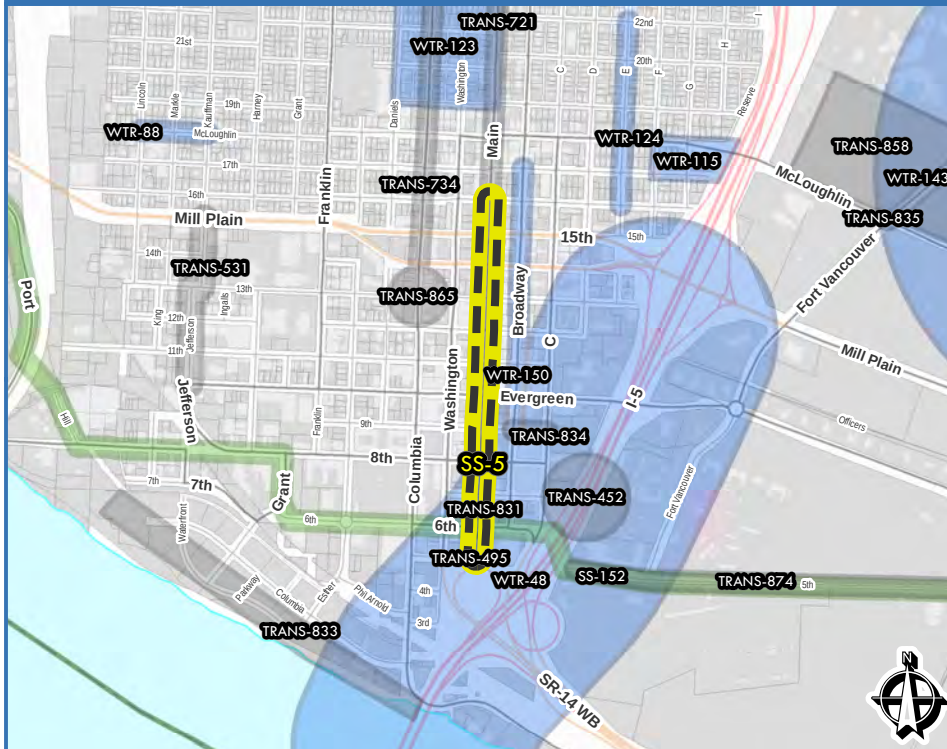
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **MAIN STREET, 5TH TO 15TH**

PROJECT AREA MAP



LEGEND



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Collection

Project Status:

Active

PROJECT DESCRIPTION

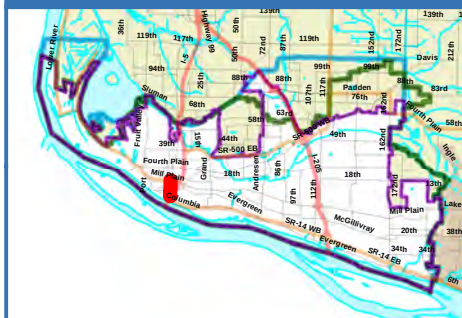
Project Justification / Priority

(4) = Replace/preserve/rehabilitate systems - to replace and rehabilitate our oldest mains, to extend the reliable asset service life.

Project Description / Comments

Roadway Coordination This will replace 1,900 ft of original (1890) clay mains in Main St. (Installed 1890 in Vancouver's first sanitary sewer project). These will be replaced in coordination with planned Transportation Improvement Program improvements in Main Street. Sewer line construction will be triggered the TIP Project moves ahead. Sewer CIP design will be included in the Transportation CIP project plan set.

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #: 083583

Budget / Proj. Task #:

Total Project Cost: \$520,000.00

***Start of Const. (Year):** 2021

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

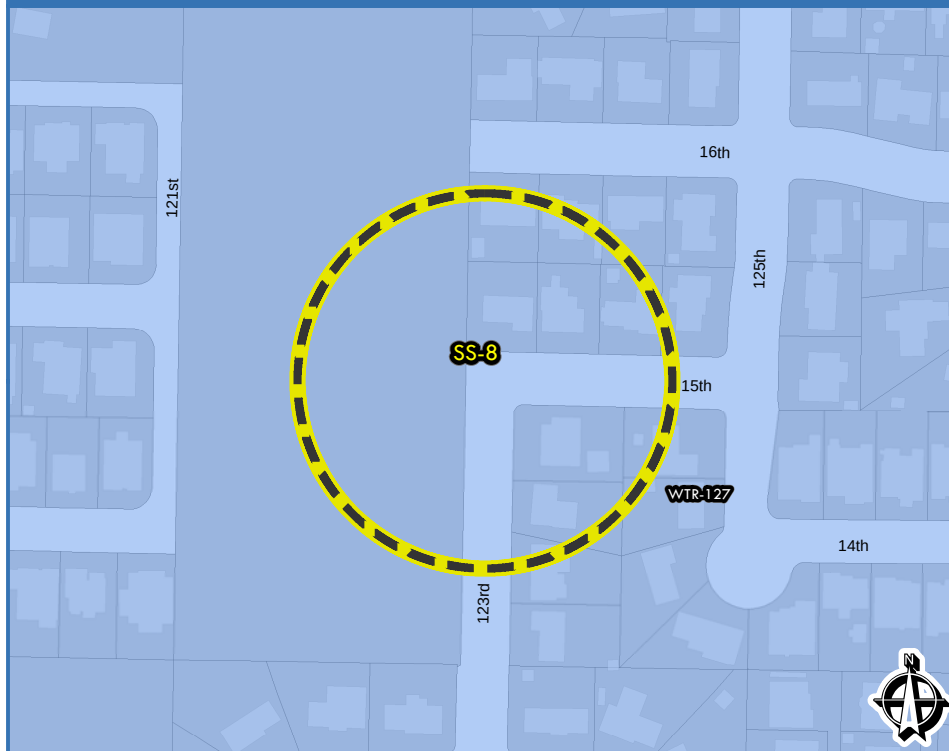
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: BASIN B-4 PUMP STATION REMOVAL (SAND CASTLE)

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Collection

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

(4) = Replace/preserve/rehabilitate systems

Project Description / Comments

This project will decommission the Sandcastle Pump Station, which was built in 1980 as a temporary facility. Only one undeveloped property lies between the existing gravity sewer and the pump station. Staff so far have been unsuccessful in obtaining an easement from the property owner to allow construction of a public gravity sewer to the pump station. The project is delayed until the property develops, an easement can be obtained, or development extends main across the property, to enable the City to decommission the station.

LEGEND



VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #: 083593

Budget / Proj. Task #:

Total Project Cost: \$195,000.00

***Start of Const. (Year):** 2018

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

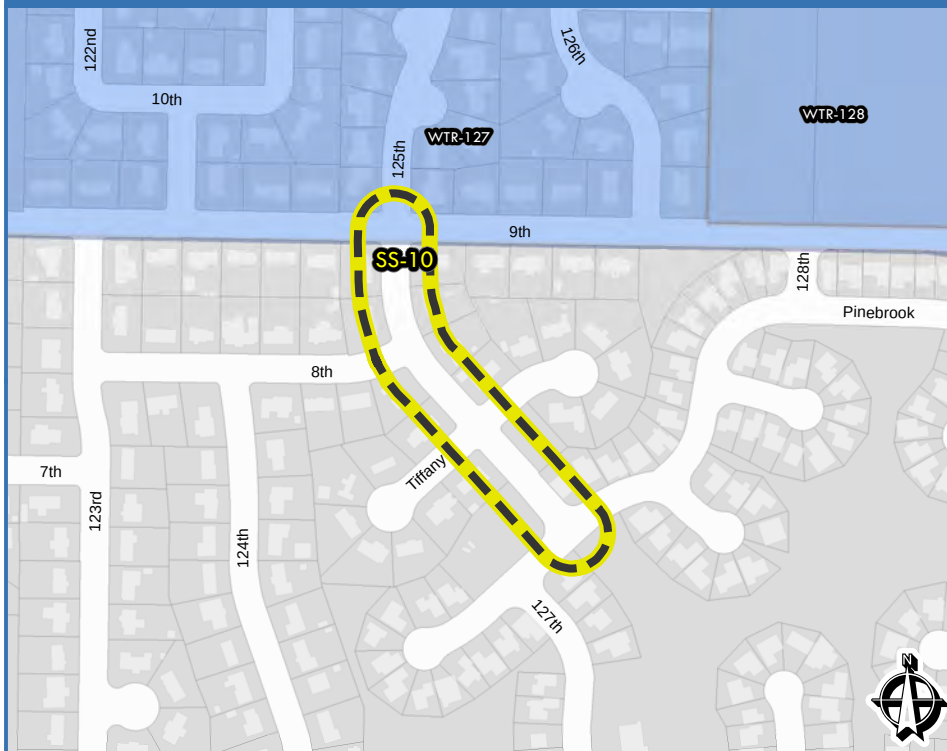
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: PINEBROOK FORCEMAIN REROUTE

PROJECT AREA MAP



LEGEND



PROJECT SUMMARY

Program/Discipline Type:	Sanitary Sewer
Project Type:	Collection
Project Status:	Future

PROJECT DESCRIPTION

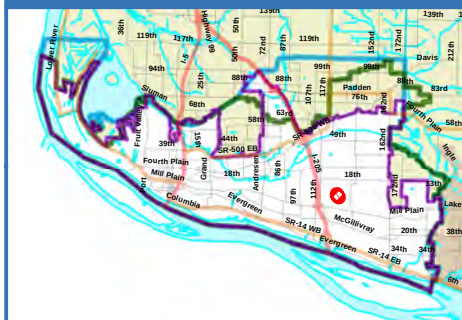
Project Justification / Priority

(4) = Replace/preserve/rehabilitate systems

Project Description / Comments

Re-named as SS-112. This pump station program project will install 700 feet of new force main to redirect the discharge from this pump station to the master planned location. This will eliminate a 4,400 foot long force main that has corroded downstream piping. Timing for the project is dependent on other projects as the entire discharge infrastructure does not yet exist. Project 083238 needs to take the Sandcastle Pump Station off-line and the Camelot Court SCIP project needs to extend 12-inch main through that neighborhood. The Pinebrook Forcemain Reroute project will also fix a downstream bottleneck.

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083587
Budget / Proj. Task #:	
Total Project Cost:	\$265,000.00
*Start of Const. (Year):	2019

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

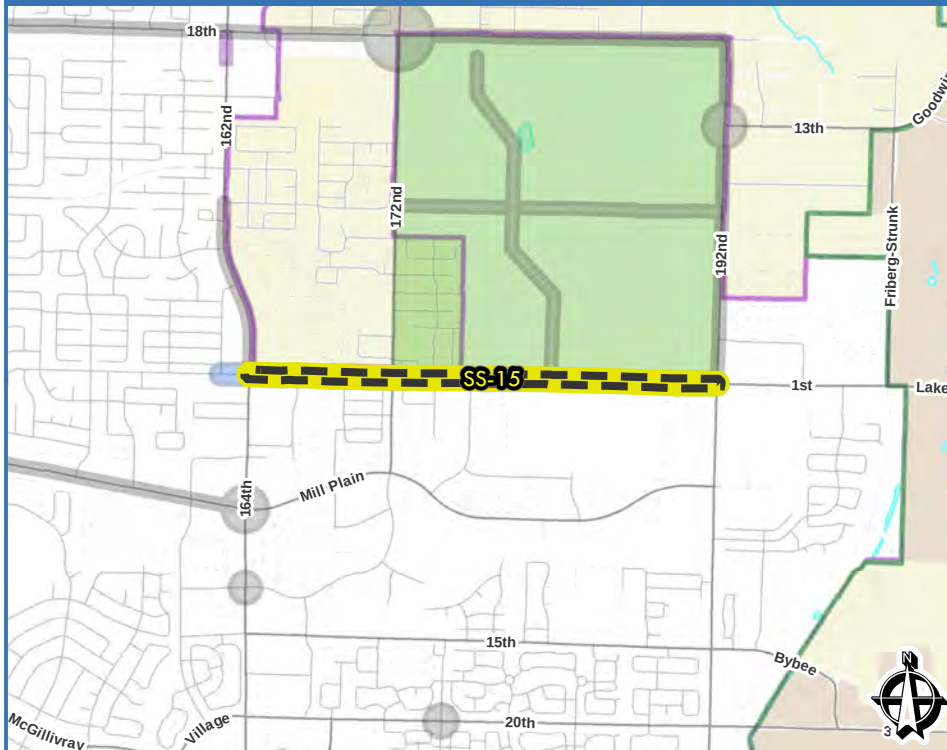
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **SE 1ST ST, 164TH TO 192ND AVE DESIGN (#083594)***

PROJECT AREA MAP



LEGEND



PROJECT SUMMARY

Program/Discipline Type:	Sanitary Sewer
Project Type:	Collection
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

(3) = New systems; to provide reliable sewer capacity to serve area growth near Section 30

Project Description / Comments

This Roadway Coordination project will fund project design to install needed stubs and/or laterals in SE 1st St, to provide sewer to parcels. The project design (and construction) will be included within the Transportation project to widen SE 1st St. Sewerline construction timing is dependant on the Transportation project. The project funds are for design which is scheduled for 2018. Transportation construction is unfunded.

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083594
Budget / Proj. Task #:	
Total Project Cost:	\$120,000.00
*Start of Const. (Year):	2018

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

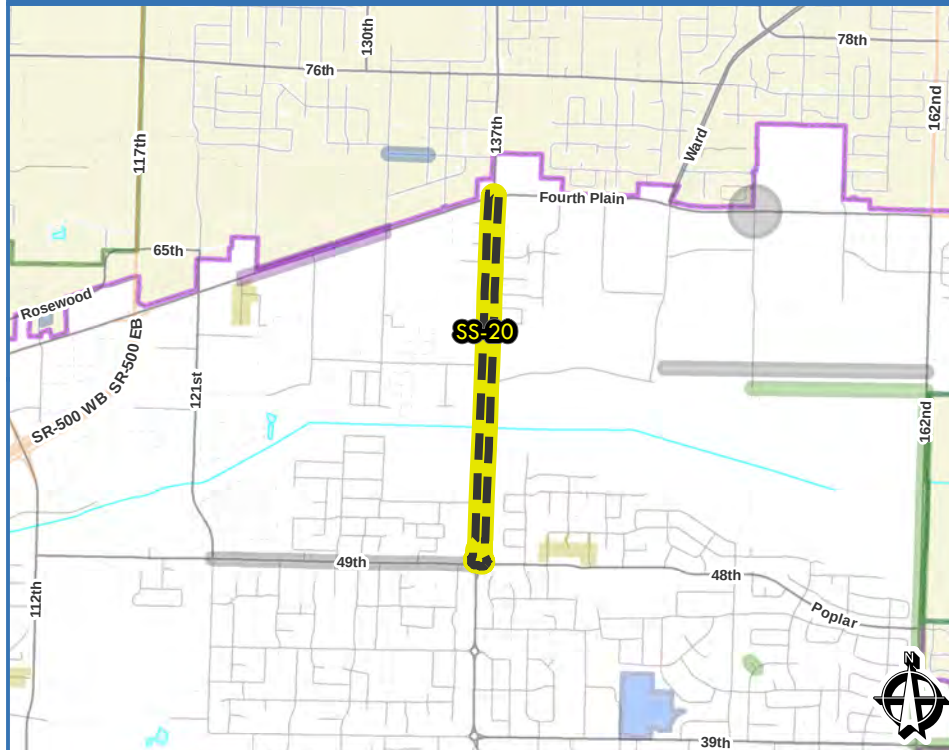
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: NE 137TH AVENUE, NE 49TH ST TO FOURTH PLAIN*

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Collection

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

(3) - New systems to provide sewer capacity in unsewered arterial corridor

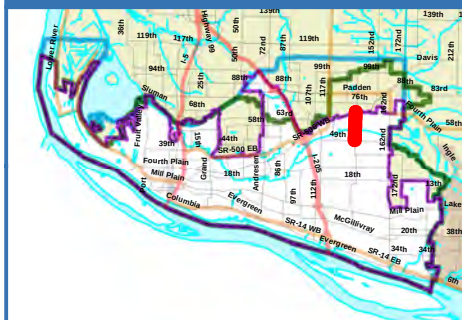
Project Description / Comments

This Roadway Coordination project will install approximately 2,600 feet of 8-inch main to provide sewer to unsewered parcels. This project will take advantage of the proposed road improvements to install new main to serve unsewered parcels. By combining with a road improvement project, construction costs are reduced significantly. The project design and construction will be included within the Transportation project to widen NE 137th Ave. Timing is dependent on the Transportation project, currently unfunded.

LEGEND



VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #: 083596

Budget / Proj. Task #:

Total Project Cost: \$430,000.00

***Start of Const. (Year): 2019**

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

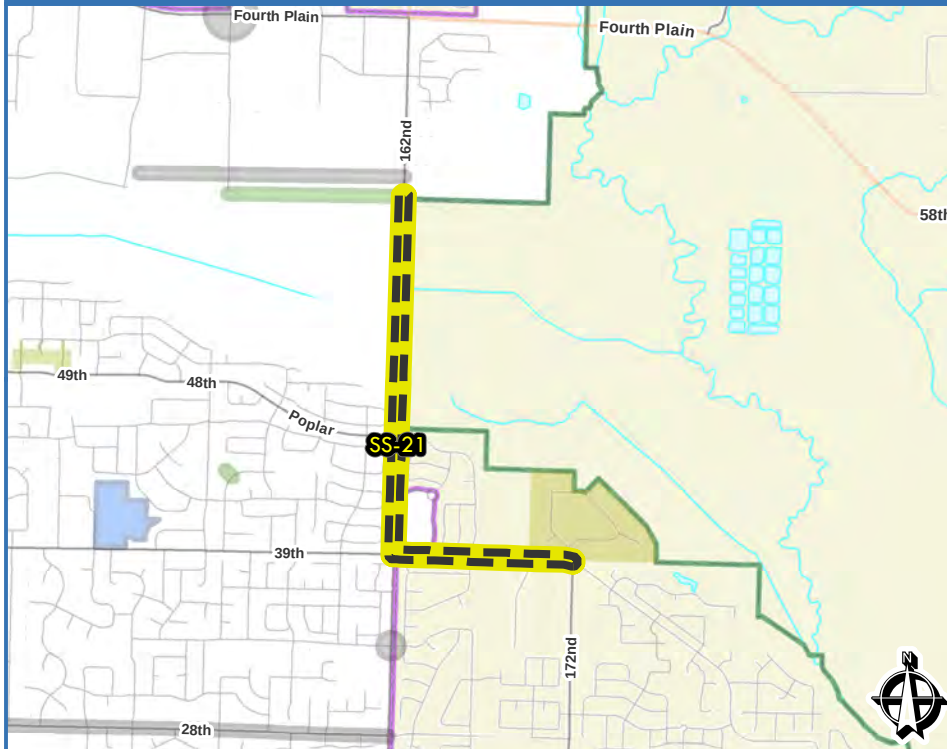
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: GMA PUMP STATION IMPROVEMENTS

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Collection

Project Status:

Future

PROJECT DESCRIPTION

Project Justification / Priority

(4) = Replace/preserve/rehabilitate systems-replacing lift station force main discharge to extend service life of these assets

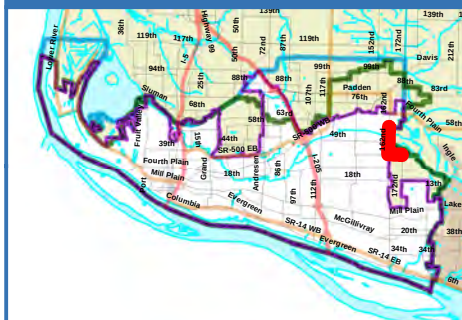
Project Description / Comments

Reroute Stein Estates Pump Station discharge and provide parallel force main from Maplecrest Pump 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

Budget / Proj. #: 083598

Budget / Proj. Task #:

Total Project Cost: \$1,600,000.00

***Start of Const. (Year): 2024**

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

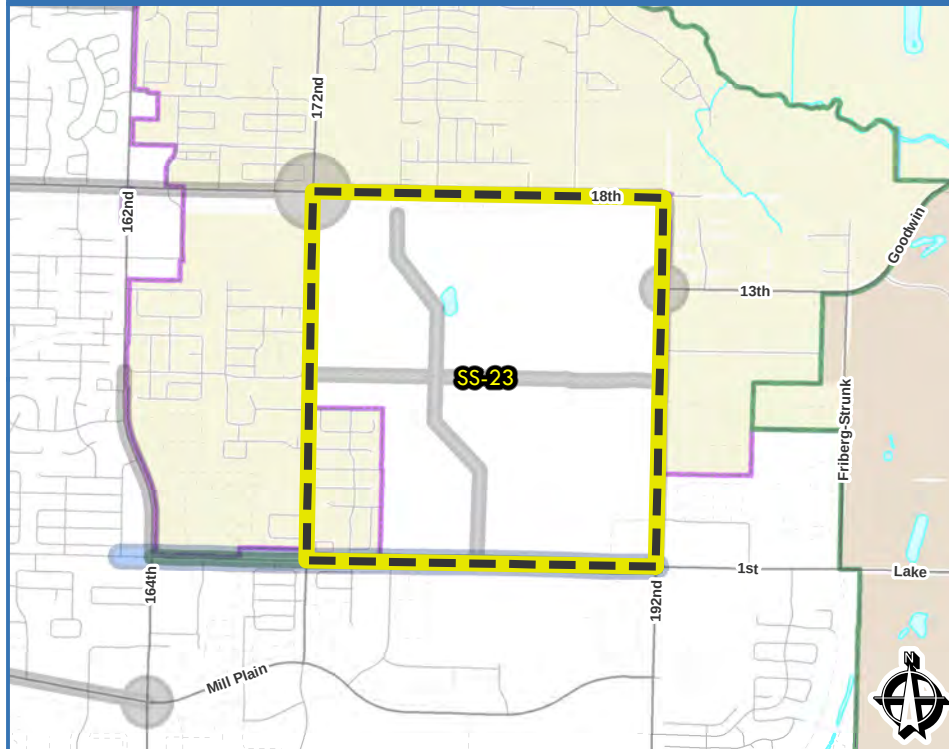
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: SECTION 30 ARTERIAL EXPANSION

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Sanitary Sewer
Project Type:	Collection
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

(3) = New systems

Project Description / Comments

This Roadway Coordination project budgets funds to install sewer mains with Transportation's Section 30 (SE 1st St) Arterial Expansion Project identified in the Transportation Improvement Program. Timing is dependant on the Transportation project which is unfunded. The budget is based on an estimate of 17,000 feet of 12-inch main.

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

Budget / Proj. #:	083600
Budget / Proj. Task #:	
Total Project Cost:	\$500,000.00
*Start of Const. (Year):	2020

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

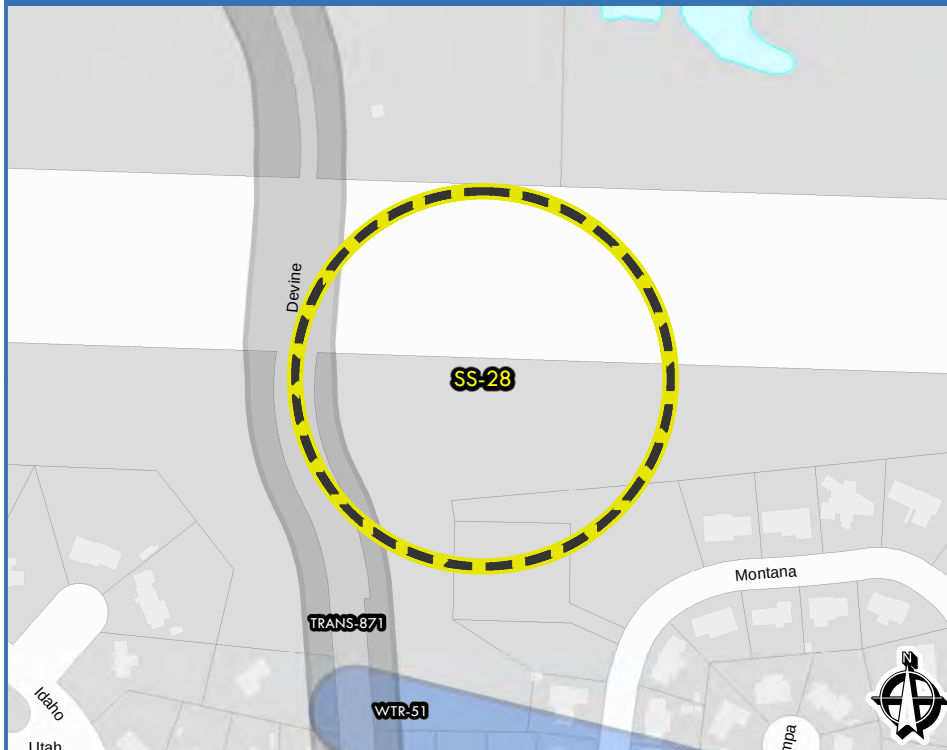
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: BURNT BRIDGE CREEK PUMP STATION UPGRADE

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Treatment

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

(4) = Replace/preserve/rehabilitate systems

Project Description / Comments

Repair the pipe leading from BBC interceptor into the BBC pump station wetwell.

LEGEND



VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #: 083616

Budget / Proj. Task #:

Total Project Cost: \$400,000.00

***Start of Const. (Year):** 2020

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

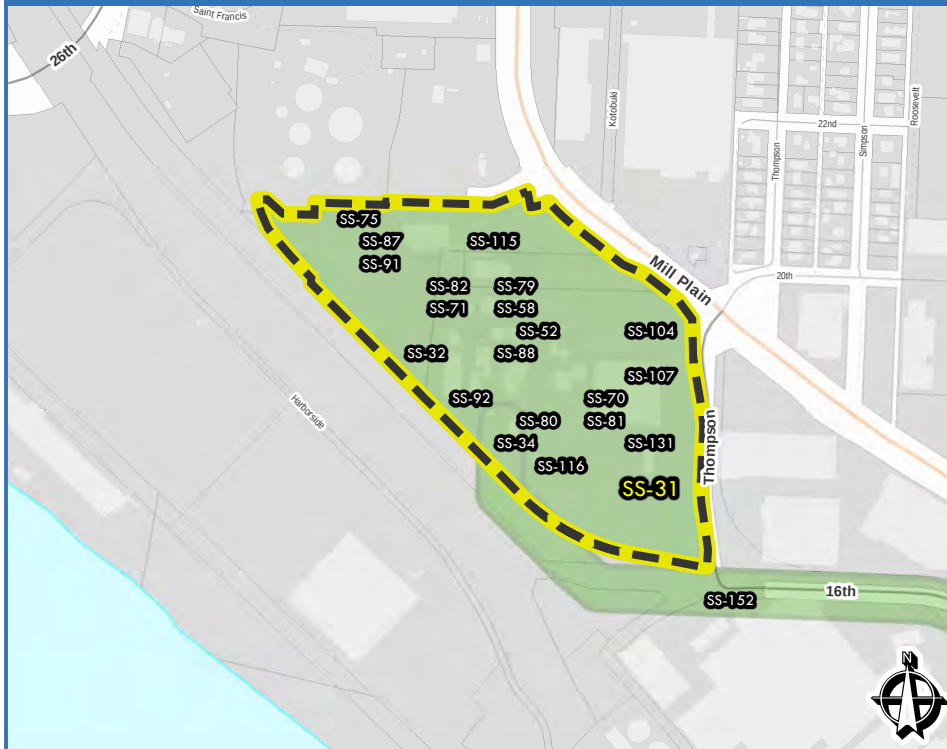
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: AERATION MEMBRANE UPGRADE

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Treatment

Project Status:

Future

PROJECT DESCRIPTION

Project Justification / Priority

(4) = Replace/Preserve/Rehabilitate systems

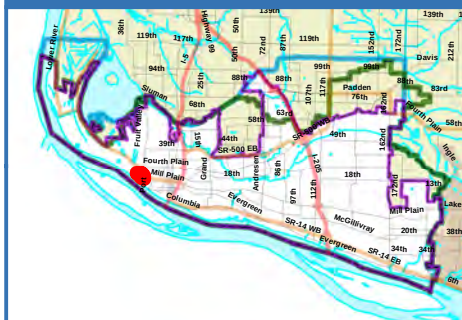
Project Description / Comments

Replace aeration membranes at both Westside and Marine Park WRF's to retain optimum treatment capability

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

Budget / Proj. #:	083620
Budget / Proj. Task #:	
Total Project Cost:	\$70,000.00
*Start of Const. (Year):	2020

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

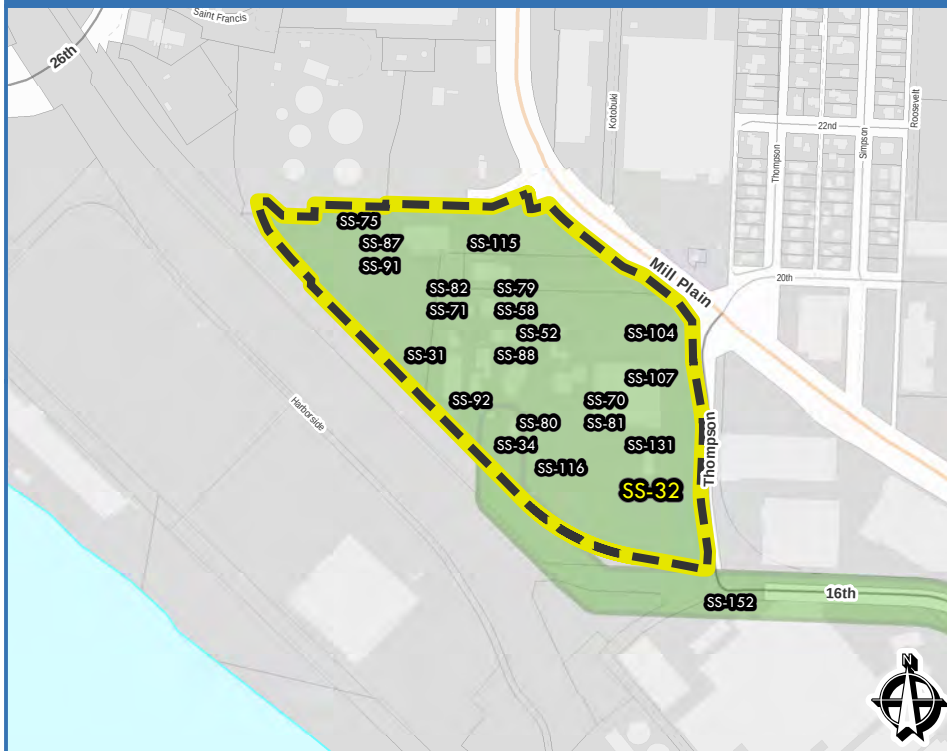
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: CAPITAL PRESERVATION AND COMPLIANCE (TREATMENT)

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Treatment

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

Yearly allocation of money to fund extraordinary maintenance of new capital and small equipment outside the limits of the O&M Contract and/or unexpected treatment plant repairs outside the scope of the O&M contract.

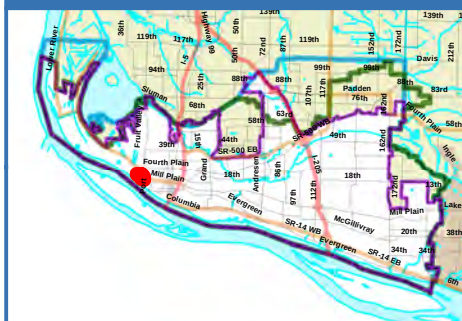
Project Description / Comments

This project will fund extraordinary maintenance of new capital and small equipment outside the limits of the treatment plant O&M Contract. Total list of identified projects currently totals \$8,760,000, with following projected construction schedule: 2019 - \$400K; 2020 - \$1,865,000; 2021 - \$1,400,000; 2022 - \$1,365,000; 2023 - \$3,400,000.

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

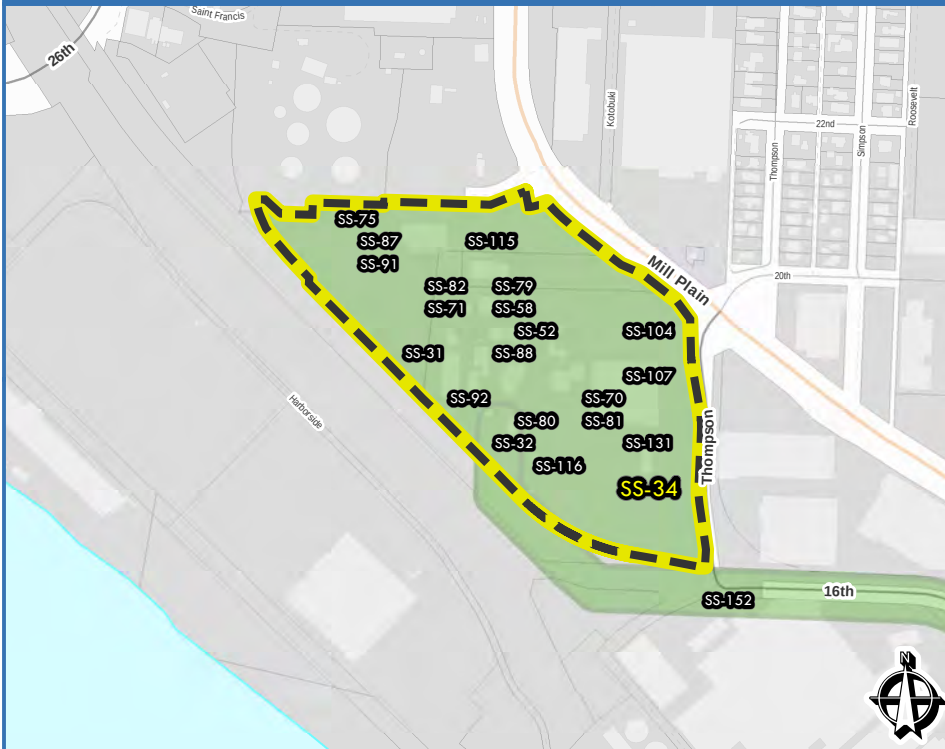




2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: CP&C 4 MULTI COATING PROJECTS

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Treatment

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

(4) - Repair/preserve/replace

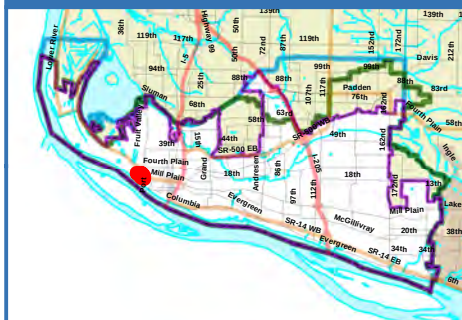
Project Description / Comments

Funding from CP&C; a yearly allocation of money used to fund extraordinary maintenance of new capital and small equipment outside the limits of the O&M Contract and/or unexpected treatment plant repairs outside the scope of the O&M contract. Replace waterproof coatings on various basins and units at the wastewater treatment plant facilities to preserve our assets, and extend their useful expected service life.

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

Budget / Proj. #: 083622

Budget / Proj. Task #:

Total Project Cost: \$310,835.00

***Start of Const. (Year): 2018**

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

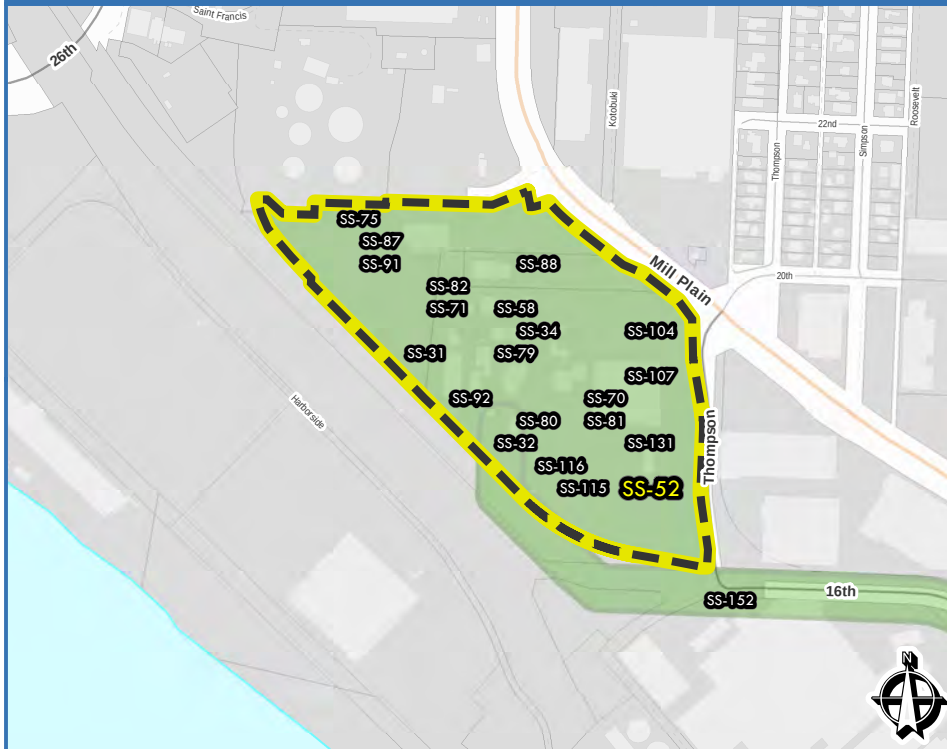
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: MAINTENANCE BUILDING HVAC SYSTEM REPLACEMENT

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Treatment

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

Planned for 2017 due to age, deterioration and required repairs. Scope of repairs was based on data collection during field inspections, when assets were inspected and records made of actual asset condition.

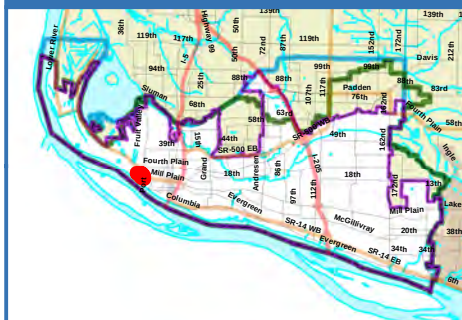
Project Description / Comments

Maintenance of the HVAC system, to replace components due to age, deterioration and required repairs.

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

Budget / Proj. #:	083479
Budget / Proj. Task #:	
Total Project Cost:	\$140,000.00
*Start of Const. (Year):	2017

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

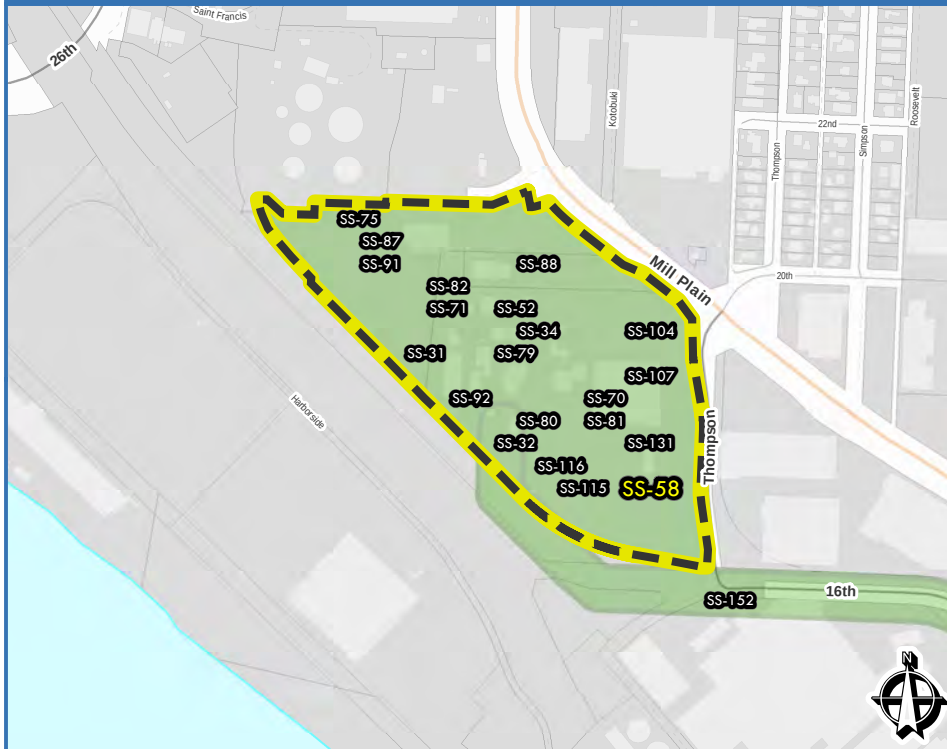
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WEST 16TH ST PUMP STATION

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Collection

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

(4) = Replace/preserve/rehabilitate systems

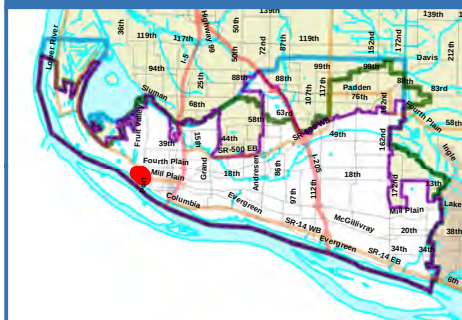
Project Description / Comments

The West 16th pump station serves the Fruit Valley neighborhood. The pump station will be inspected in 2019, a condition assessment made with recommendations for R&R repairs. We project complete replacement of the existing original pump. The lift station must be maintained and system components repaired or replaced as needed, to provide uninterrupted service to the community.

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

Budget / Proj. #:	083580
Budget / Proj. Task #:	
Total Project Cost:	\$200,000.00
*Start of Const. (Year):	2020

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

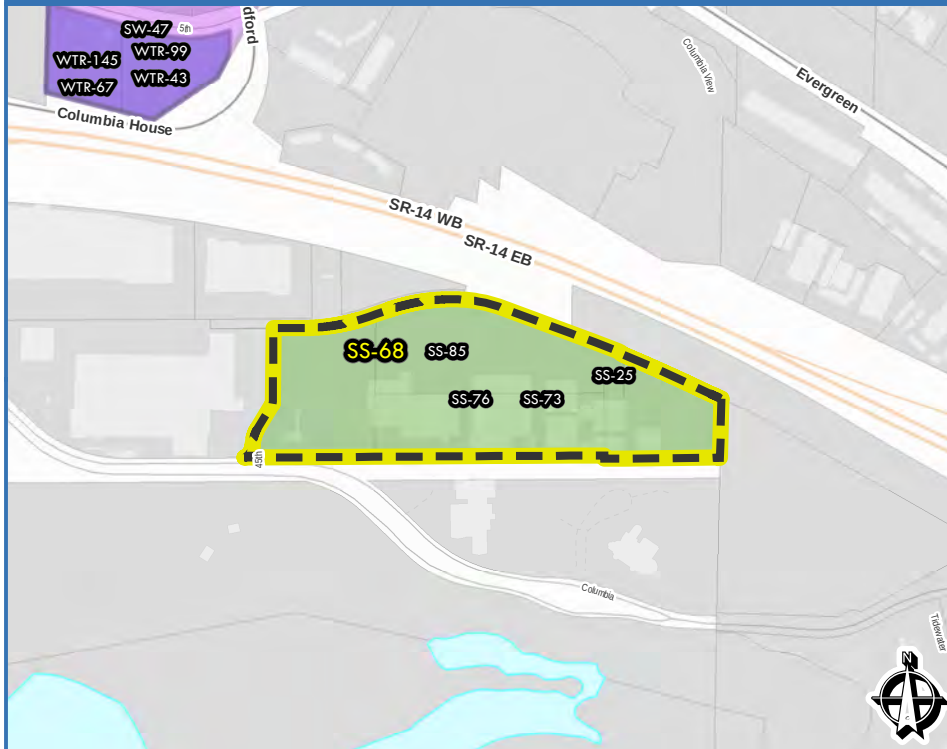
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **NEW LABORATORY RESPIROMETRY EQUIPMENT(QUICK BOD)**

PROJECT AREA MAP



LEGEND



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Treatment

Project Status:

Future

PROJECT DESCRIPTION

Project Justification / Priority

(4) = Replace/preserve/rehabilitate systems

Project Description / Comments

This budget provides new state of the art lab equipment that gives quick BOD results. This will replace the current procedure that with a five day turn around of traditional test. This would improve accuracy and response in control of plant processes.

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #: 083625

Budget / Proj. Task #:

Total Project Cost: \$67,303.00

***Start of Const. (Year): 2022**

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

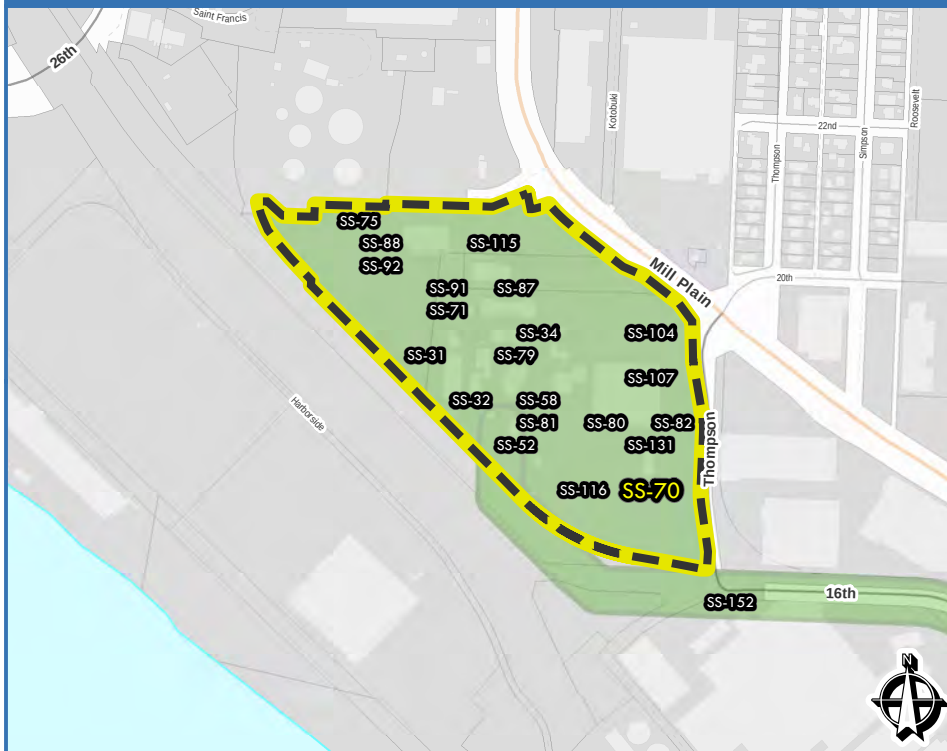
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: PROCESS CONTROLS ELECTRONICS

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Treatment

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

(4) = Replace/preserve/rehabilitate systems - to upgrade and replace process controls and electronic data acquisition throughout the Westside WRF

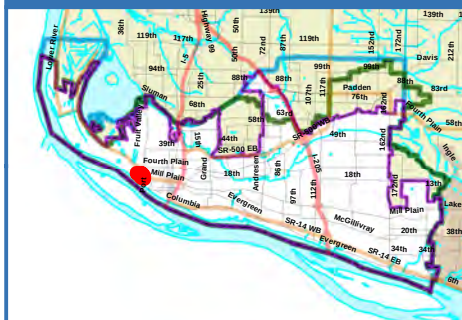
Project Description / Comments

This Design-Build project upgrades Programmable Logic Controls (PLC) hardware and operating platforms at both treatment plants over a three year phased schedule 2018-2021 . This project brings our aging and obsolete plant operations SCADA (most components at least 20 years old or older) up to current standards for reliability, speed, transparency and security. Project goals include: 1) Replacement of obsolete and unmaintainable Programmable Logic Control (PLC) Hardware and computer networks throughout both Westside and Marine Park; 2) updating our operating software and operator interfaces to current standards; 3) Replace telemetry (leased

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

Budget / Proj. #: 083626

Budget / Proj. Task #:

Total Project Cost: \$15,000,000.00

***Start of Const. (Year): 2017**

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

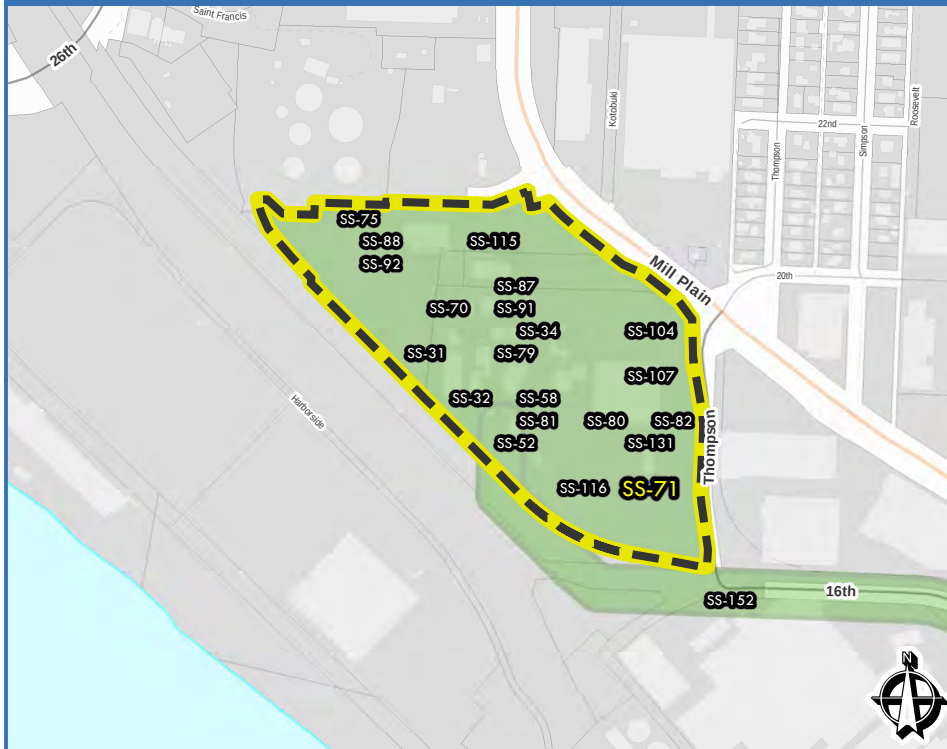
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WS WET PROCESS IMPROVEMENTS

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Treatment

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

(1) = Compliance with regulations

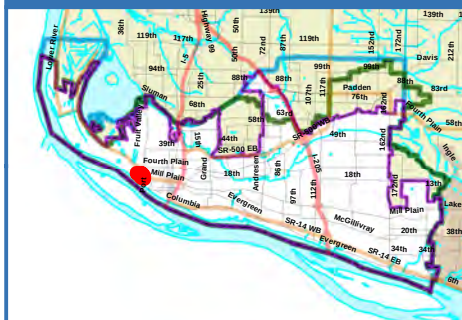
Project Description / Comments

Equipment upgrades for wastewater treatment processes, to replace equipment and controls to optimize secondary treatment capacity at Westside WRF.

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





2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: FBF HEAT EXCHANGER EQUIPMENT REPLACEMENT

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Treatment

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

(4) = Replace/preserve/rehabilitate systems; budget is needed to restore structural integrity of our heat exchanger system which has been in service over 20 years

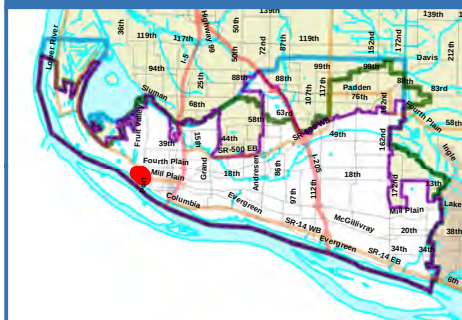
Project Description / Comments

Incinerator primary and secondary heat exchanger purchase/fabrication/installation. The primary heat exchanger, intalled in 1998, has compromising structural failure, & is for the short duration "patched". This replaces the original heat exchanger on the Fluidized Bed Furnace exhaust stack due to age/wear. This is a specialized and long lead time structural fabrication item with project completion expected Q4 2018. Fluctuating trade economics in 1st qtr 2018 resulting in increase fab costs from \$815K to \$1.293M. Installation contract estimated at additional \$300K, for now total project costs estimated at \$1.6M.

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

Budget / Proj. #:	083607
Budget / Proj. Task #:	
Total Project Cost:	\$1,300,000.00
*Start of Const. (Year):	2018

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: MAIN INDUSTRIAL PUMPSTATION UPGRADE

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Treatment

Project Status:

Future

PROJECT DESCRIPTION

Project Justification / Priority

(4) = Replace/preserve/rehabilitate systems

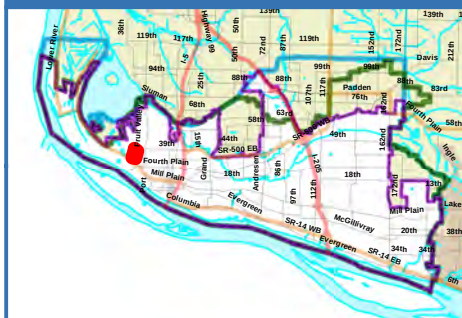
Project Description / Comments

This is the original Main Industrial Pump Station that provides service to our lagoon users. Mechanical components and pumps are past their useful life and our operators recommend accelerating R&R work (from 2022 to 2020) to continue reliable and uninterrupted service to Lagoon user industries. This project includes possible re-coating for the wet well vault, and planned pump replacements at end of the asset service life.

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

Budget / Proj. #:	083610
Budget / Proj. Task #:	
Total Project Cost:	\$500,000.00
*Start of Const. (Year):	2020

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

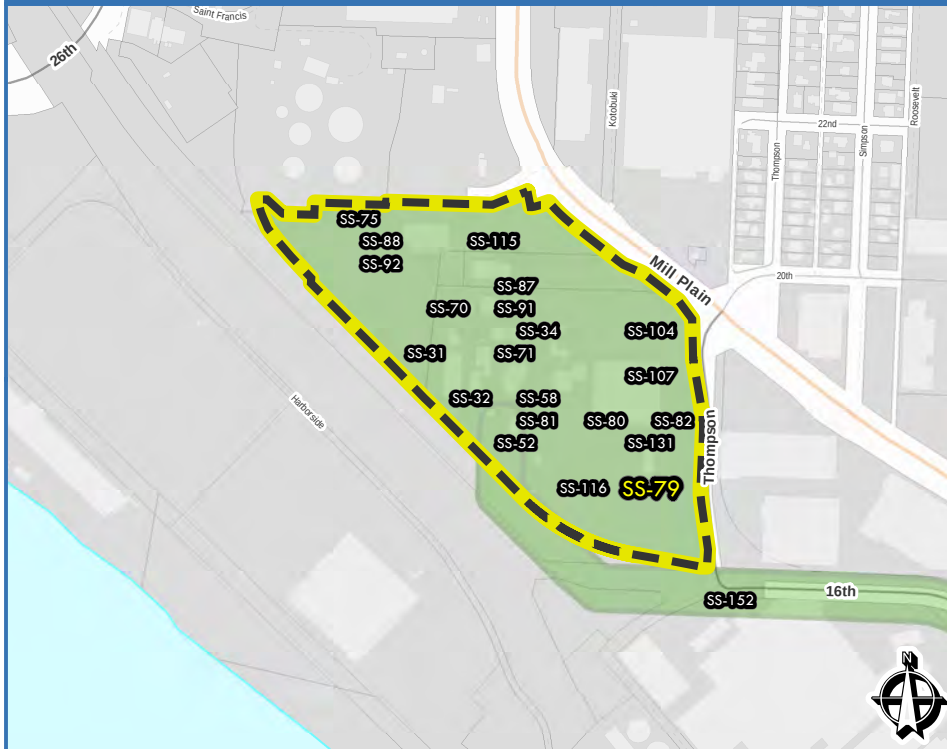
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: FLUIDIZED BED FURNACE REPLACEMENT

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Treatment

Project Status:

Future

PROJECT DESCRIPTION

Project Justification / Priority

(4) = Replace/preserve/rehabilitate system; to replace our current sludge incinerator and extend reliable asset service life

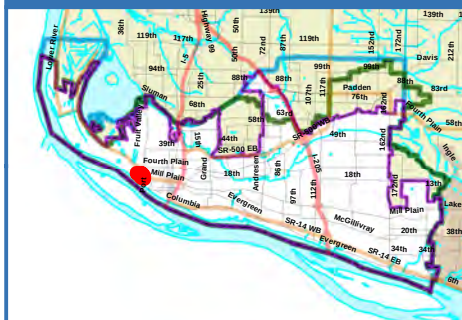
Project Description / Comments

This Fluidized Bed Furnace serves both treatment plants and was installed new in 1998. After 20 years of continuous use, the FBF mechanical and exhaust systems are worn out and reaching the end of their service life. Furnace replacement is needed to ensure uninterrupted sludge disposal for both wastewater plants.

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

Budget / Proj. #:	083611
Budget / Proj. Task #:	
Total Project Cost:	\$14,000,000.00
*Start of Const. (Year):	2022

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

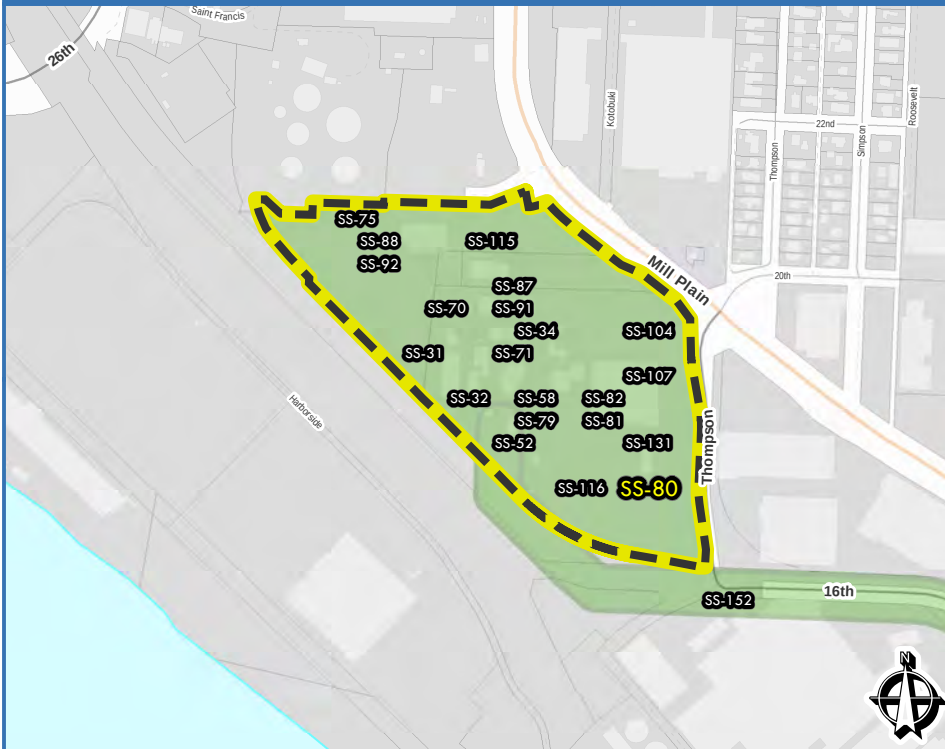
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WS SCHWING PUMP REPLACEMENTS

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Treatment

Project Status:

Future

PROJECT DESCRIPTION

Project Justification / Priority

(4) = Replace/preserve/rehabilitate systems; to replace aging pumps in the disinfection process

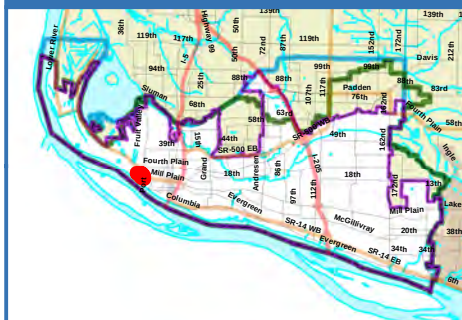
Project Description / Comments

At Westside, to replace 20 yr old aging and outdated Schwing Pumps in the USV Disinfection process. To provide consistent process reliability and maintainable equipment.

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

Budget / Proj. #:	N/A
Budget / Proj. Task #:	
Total Project Cost:	\$600,000.00
*Start of Const. (Year):	2023

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WS REPLACE ODOROUS AIR TREATMENT SCRUBBER

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Treatment

Project Status:

Future

PROJECT DESCRIPTION

Project Justification / Priority

(1) = Compliance with regulations

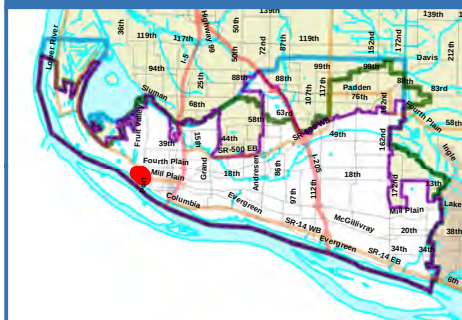
Project Description / Comments

Replace Westside Foul Air air scrubber unit, (installed in 1998) approaching the end of it's expected useful service life. Process volumes and related H2S emissions have increased since installation. Unit must be replaced to reliably treat hydrogen sulfide emissions in accordance with our air emissions permit with SWCAA (Southwest Washington Clean Air Agency).

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

Budget / Proj. #: N/A

Budget / Proj. Task #:

Total Project Cost: \$500,000.00

***Start of Const. (Year):** 2023

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

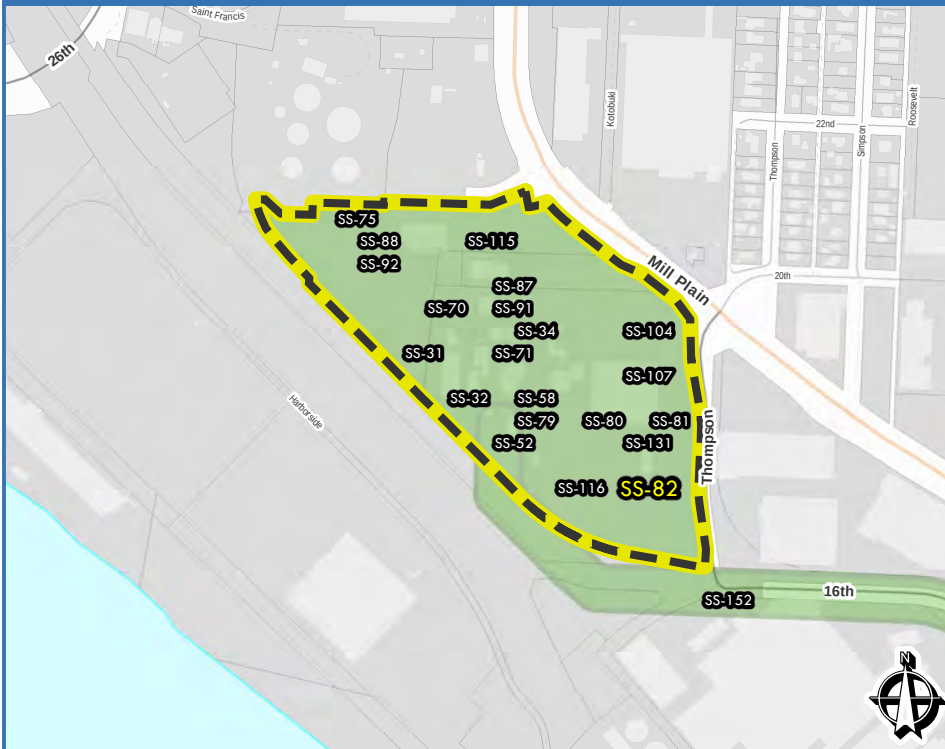
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WS GRIT REMOVAL SYSTEM REPLACEMENT

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Treatment

Project Status:

Future

PROJECT DESCRIPTION

Project Justification / Priority

(4) = Replace/preserve/rehabilitate systems

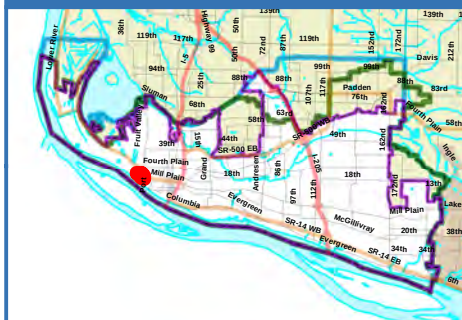
Project Description / Comments

The Westside Grit Removal Cyclones are at the end of their useful life. Upgrade the grit removal process with replacement units.

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

Budget / Proj. #:	N/A
Budget / Proj. Task #:	
Total Project Cost:	\$500,000.00
*Start of Const. (Year):	2023

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WS CENTRIFUGE REPLACEMENT

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Treatment

Project Status:

Future

PROJECT DESCRIPTION

Project Justification / Priority

(4) = Replace/preserve/rehabilitate systems

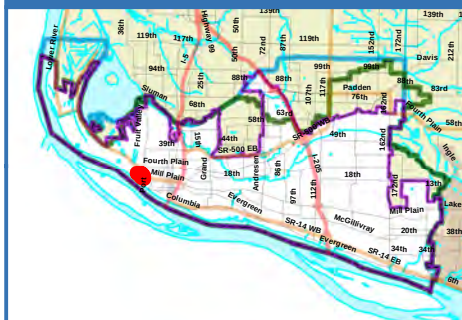
Project Description / Comments

Scheduled replacement of our Westside wastewater sludge centrifuges for solids thickening, as needed at regular seven year intervals.

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

Budget / Proj. #:	N/A
Budget / Proj. Task #:	
Total Project Cost:	\$800,000.00
*Start of Const. (Year):	2023

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WESTSIDE WRF SECONDARY CLARIFIER TANK COATING

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Treatment

Project Status:

Future

PROJECT DESCRIPTION

Project Justification / Priority

(4) = Replace/preserve/rehabilitate systems

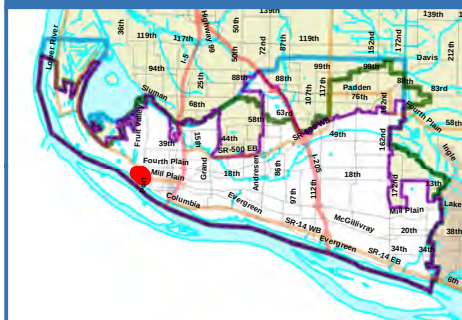
Project Description / Comments

Based on condition assessments - repair and replace existing worn and peeling coatings for our Clarifiers #1 and #2

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

Budget / Proj. #:	083603
Budget / Proj. Task #:	
Total Project Cost:	\$300,000.00
*Start of Const. (Year):	2021

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

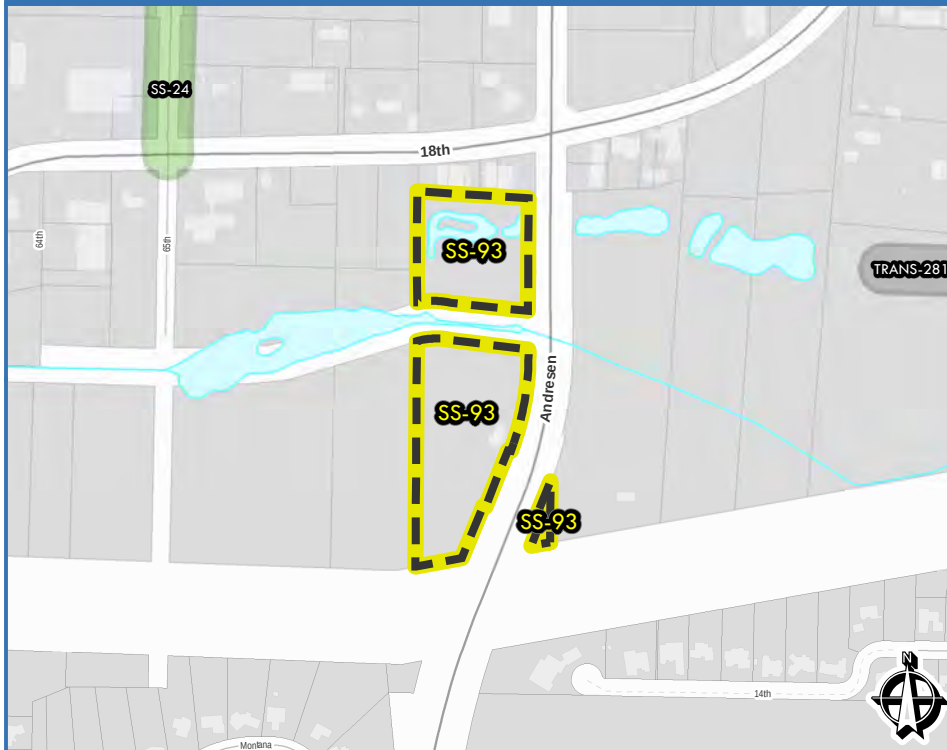
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: ANDRESEN PUMP STATION DIVERSION GATE VALVE

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Sanitary Sewer
Project Type:	Treatment
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

(4) = Replace/preserve/rehabilitate systems

Project Description / Comments

To improve process operation and maintainability - replace existing influent channel with a diversion control structure to improve flow control into the lift 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

Budget / Proj. #:	083582
Budget / Proj. Task #:	
Total Project Cost:	\$100,000.00
*Start of Const. (Year):	2020

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

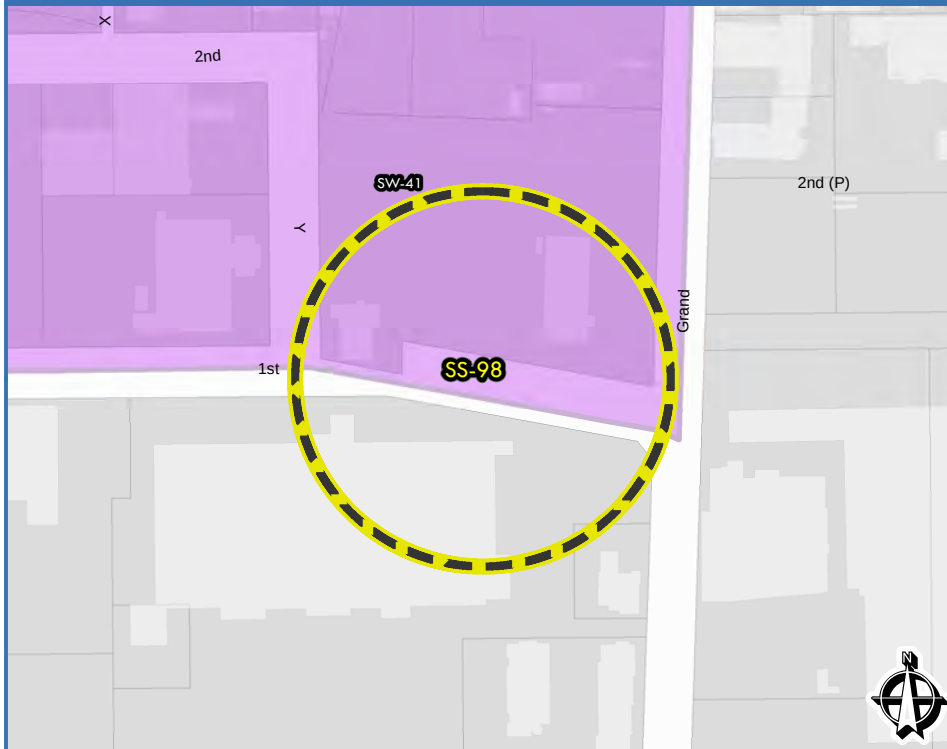
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: JANTZEN PUMP STATION (GRAND CENTRAL)

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Sanitary Sewer
Project Type:	Collection
Project Status:	Completed

PROJECT DESCRIPTION

Project Justification / Priority

(4) = Replace/preserve/rehabilitate systems

Project Description / Comments

This project provided complete replacement of former Jantzen pump station and the obsolete pumping equipment. City to provide \$150,000 worth of mechanical & electrical equipment as agreed to via a Developer Agreement. Project completed late 2017.

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

Budget / Proj. #:	083470
Budget / Proj. Task #:	
Total Project Cost:	\$150,000.00
*Start of Const. (Year):	2017

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: LAGOON AERATION UPGRADE

PROJECT AREA MAP



LEGEND



PROJECT SUMMARY

Program/Discipline Type:	Sanitary Sewer
Project Type:	Treatment
Project Status:	Future

PROJECT DESCRIPTION

Project Justification / Priority

(5) = Lower operating costs

Project Description / Comments

The lagoon provides valuable treatment capacity to our system and must be maintained in reliable condition. The diffusers deteriorate with age and will be replaced at the end of their reasonable service life. Replace aging blowers and related mechanical equipment with more energy efficient systems that also allow for treatment capacity expansion

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083606
Budget / Proj. Task #:	
Total Project Cost:	\$2,000,000.00
*Start of Const. (Year):	2020

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

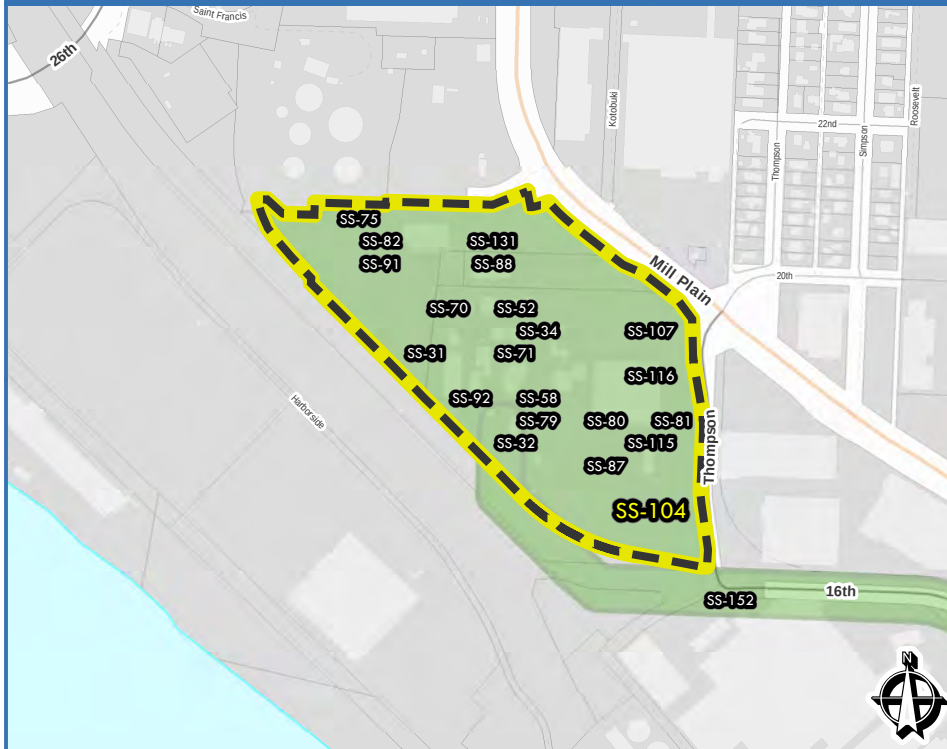
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WS ROOF REPLACEMENTS

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Treatment

Project Status:

Future

PROJECT DESCRIPTION

Project Justification / Priority

(4) = Replace/preserve/rehabilitate systems; to rehabilitate roofs and extend their useful asset life

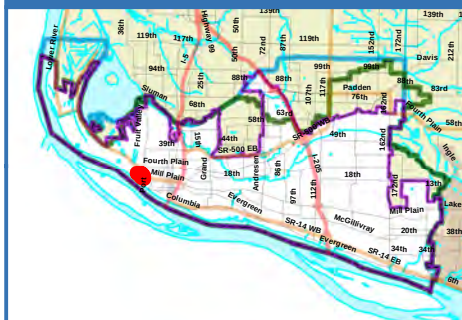
Project Description / Comments

Rehab existing roofs for the Administration, Maintenance and other buildings at the Westside plant.

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

Budget / Proj. #:	083614
Budget / Proj. Task #:	
Total Project Cost:	\$85,000.00
*Start of Const. (Year):	2020

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

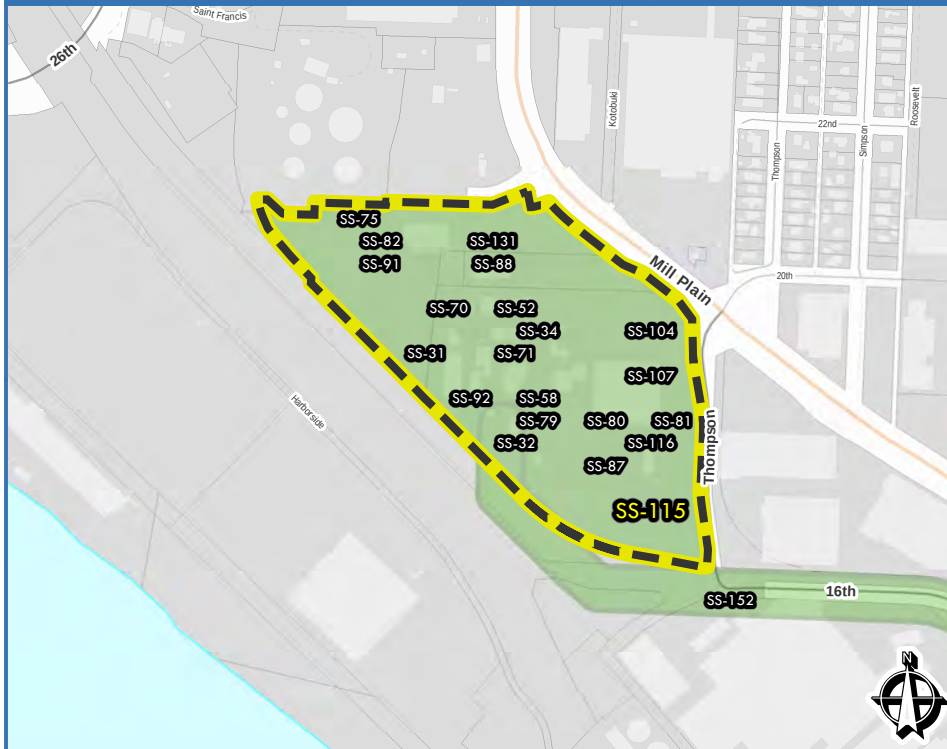
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: AIR GAP/CITY WATER PROTECTION (UPC COMPLIANCE)

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

(1) For compliance with Uniform Plumbing Code

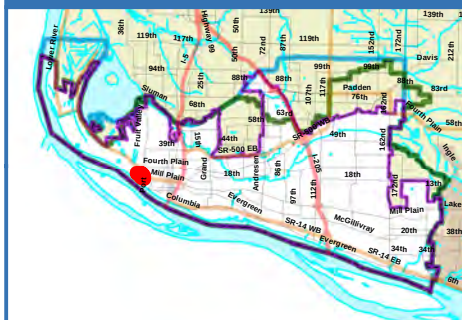
Project Description / Comments

To install an approved air gap on the incoming potable water service, as required by the Wash. Dept of Health and Uniform Plumbing Code

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

Budget / Proj. #:	083702
Budget / Proj. Task #:	
Total Project Cost:	\$300,000.00
*Start of Const. (Year):	2016

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

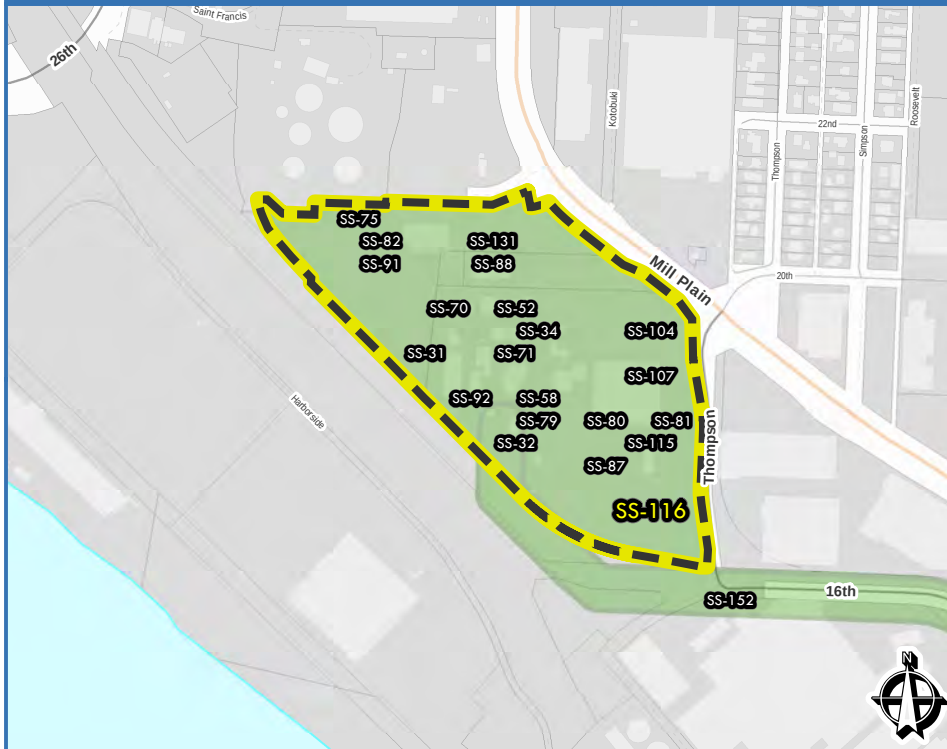
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WESTSIDE SECONDARY CLARIFIER CENTER WELL UPGRADE 3, 4, 5

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Treatment

Project Status:

Future

PROJECT DESCRIPTION

Project Justification / Priority

(4) - Replace/Preserve/Rehabilitate systems

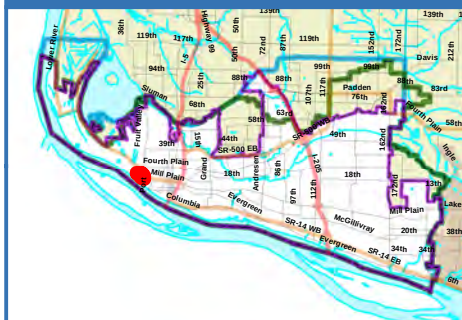
Project Description / Comments

Replace and rehab the wet wells in the Westside Secondary Clarifiers, to maintain process reliability

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

Budget / Proj. #: 083604

Budget / Proj. Task #:

Total Project Cost: \$125,000.00

***Start of Const. (Year):** 2021

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

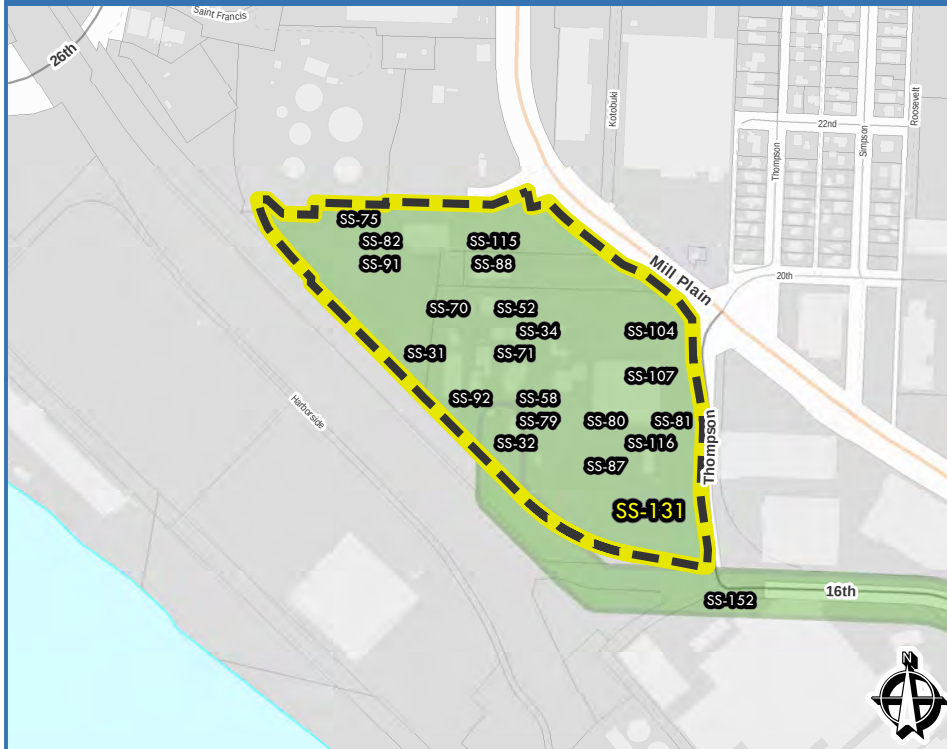
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: W. 16TH ST FORCE MAIN RELINE

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Collection

Project Status:

Future

PROJECT DESCRIPTION

Project Justification / Priority

4 - Rehab existing W. 16th St Force Main

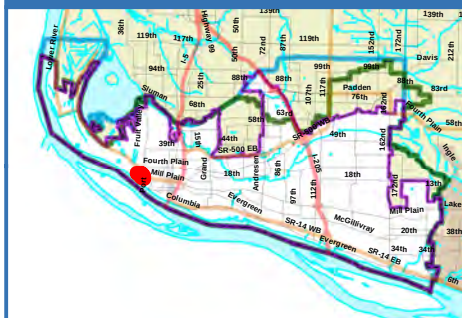
Project Description / Comments

To restore asset structural integrity and extend asset service life with trenchless repair technology

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

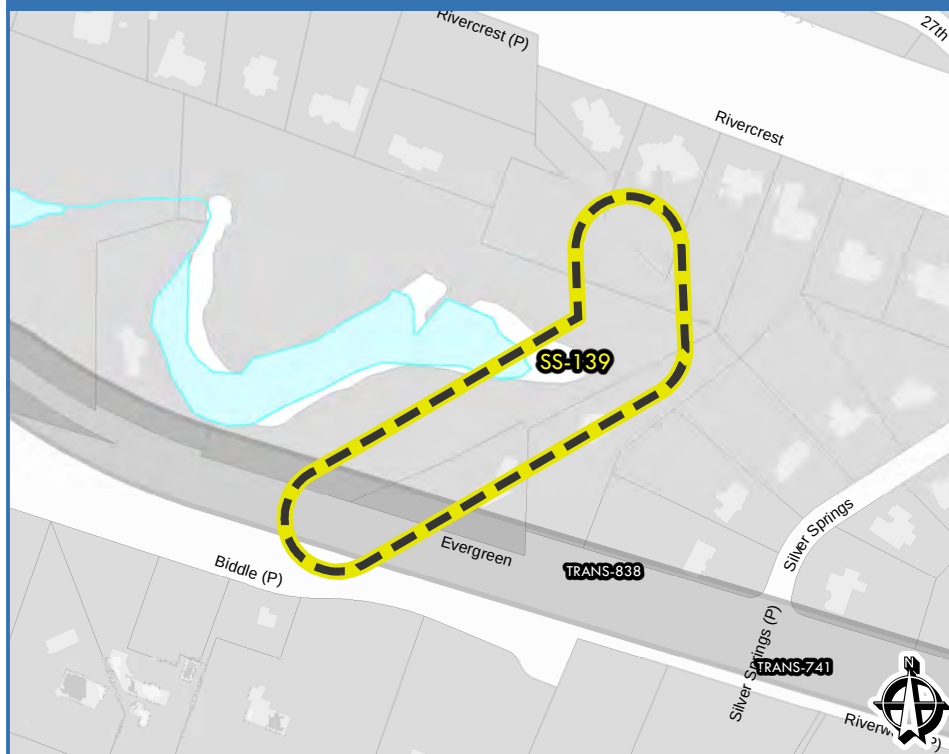




2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: BIDDLE WAY E3A TRUNK RE-ALIGNMENT

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

5 - to improve maintainability and operability of existing sewerline

Project Description / Comments

Re-align existing trunk line to improve sewer ops crew access for maintenance and repairs, and to reduce air entrainment/corrosion

LEGEND



VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #: 083520

Budget / Proj. Task #:

Total Project Cost: \$340,000.00

***Start of Const. (Year): 2017**

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

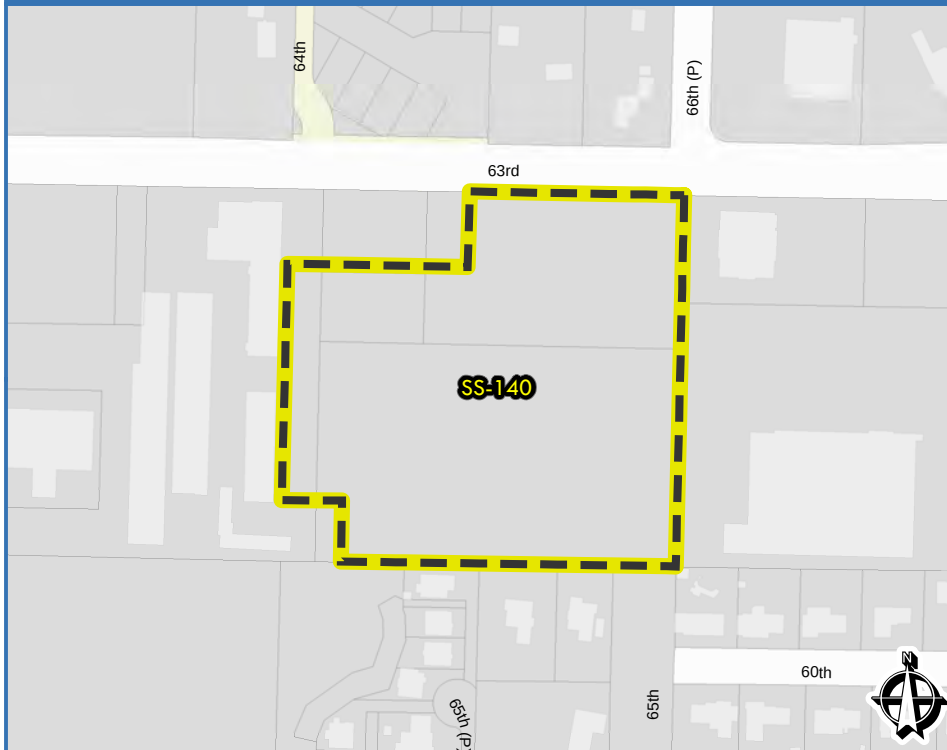
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: 63RD ST PUMP STATION REBUILD/RELOCATE

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Collection

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

2 - To relocate/upgrade existing pump station & replace obsolete equipment, and improve reliability, operability and maintainability

Project Description / Comments

Replaces existing pump station at end of its service life. This is a Developer Project to decommission the existing lift station and completely replace it with new equipment and telemetry.

LEGEND



VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #: 083592

Budget / Proj. Task #:

Total Project Cost: \$1,400,000.00

***Start of Const. (Year): 2018**

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

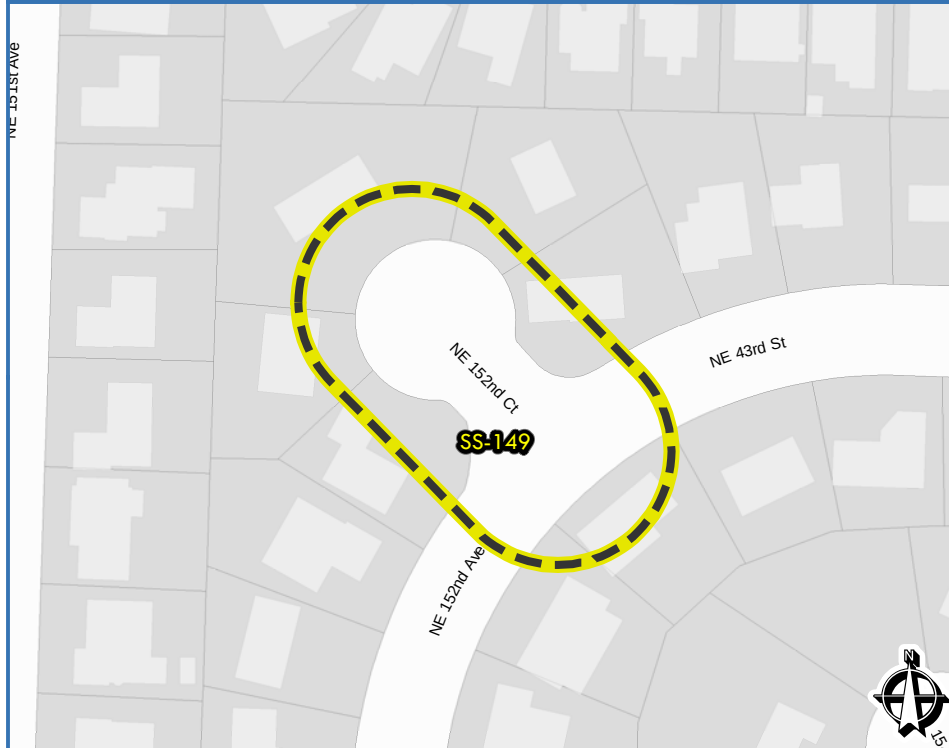
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: NE 152ND AVE AT NE 43RD ST

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Sanitary Sewer
Project Type:	Collection
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

Replace an existing sewer main that is showing signs of extensive hydrogen sulfide corrosion. This also replaces sewerline that was originally installed with a curved alignment.

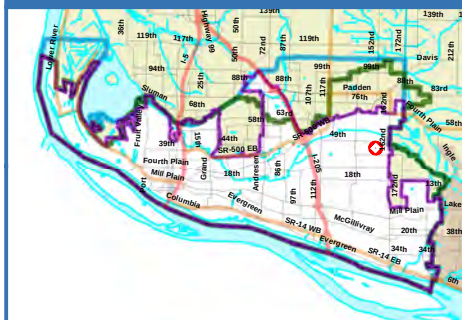
Project Description / Comments

2017 CCTV inspections show the existing concrete main with loss of structural integrity due to high levels of corrosion, and the curved alignment. This project will decommission the existing sewer main and install new sewer pipes and manholes that will be able to withstand the corrosive environment. Part of this project will also align existing sewers with the new roadway alignment for a new subdivision.

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

Budget / Proj. #:	083707
Budget / Proj. Task #:	
Total Project Cost:	\$600,000.00
*Start of Const. (Year):	2018

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

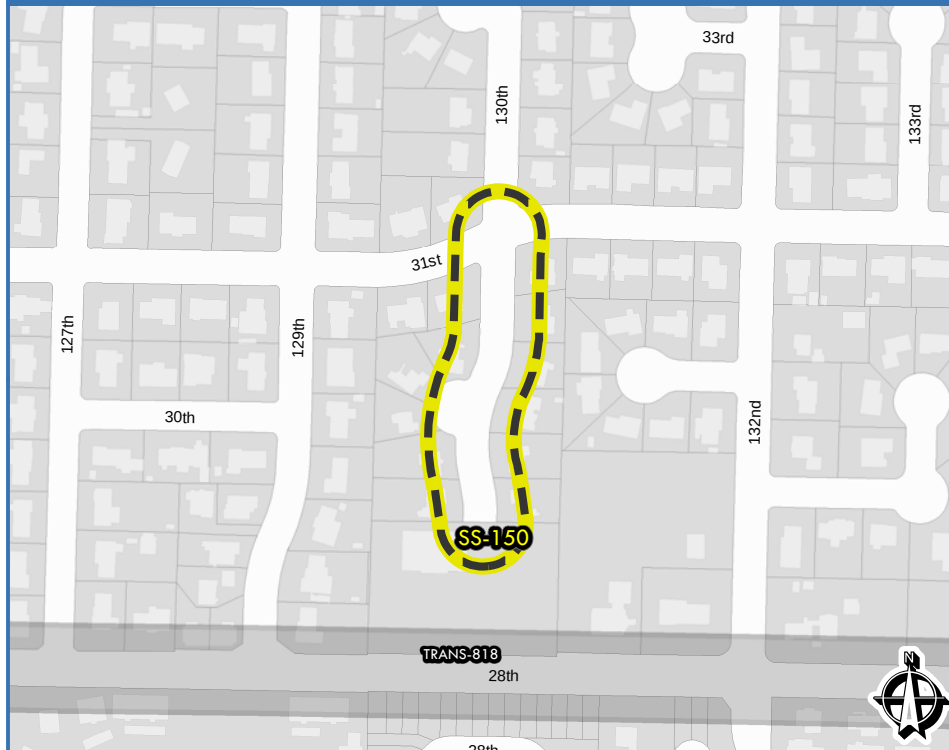
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: NE 130TH AVE AT SE 31ST \ 43RD ST

PROJECT AREA MAP



LEGEND



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Collection

Project Status:

Active

PROJECT DESCRIPTION

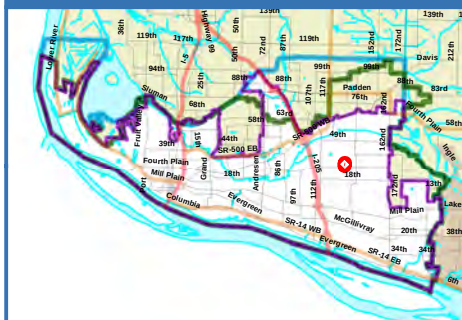
Project Justification / Priority

(4) replace/preserve/rehabilitate -Replace an existing sewer main that is showing signs of extensive hydrogen sulfide corrosion. This also replaces sewerline that was originally installed with a curved alignment.

Project Description / Comments

2017 CCTV inspections show the existing concrete main with loss of structural integrity due to high levels of corrosion, and the curved alignment. This project will decommission the existing sewer main and install new sewer pipes and manholes that will be able to withstand the corrosive environment.

VICINITY MAP

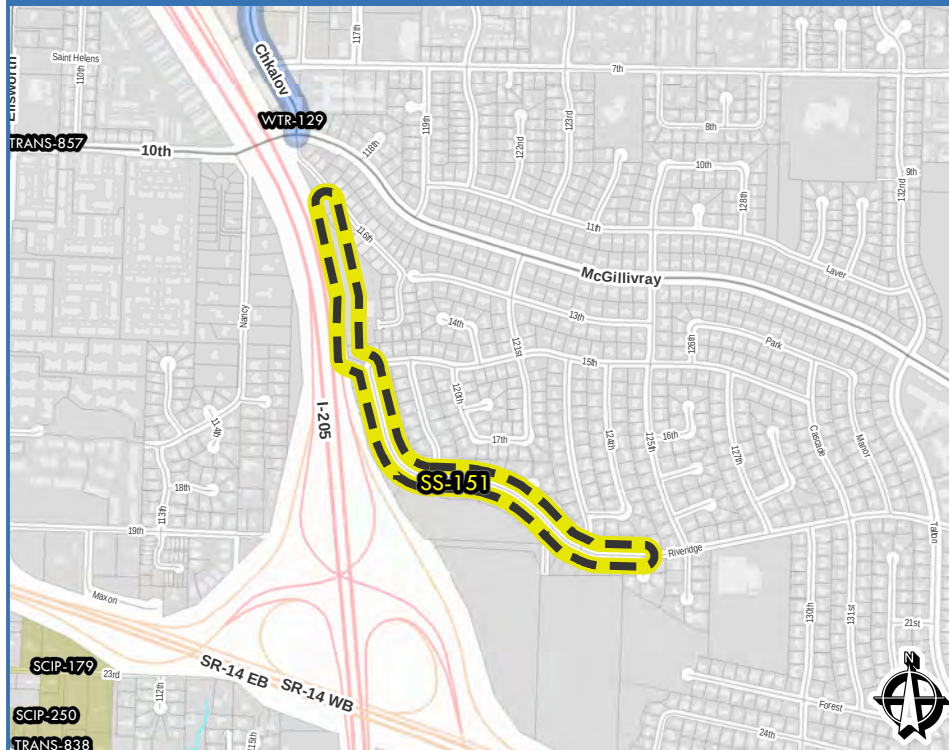




2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: E3A-1 SEWER REHAB CIPP

PROJECT AREA MAP



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		

PROJECT SUMMARY

Program/Discipline Type:	Sanitary Sewer
Project Type:	Collection
Project Status:	Active

PROJECT DESCRIPTION

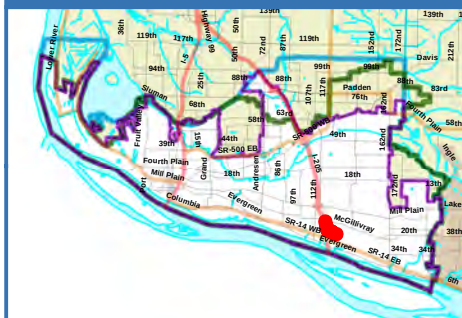
Project Justification / Priority

(4) -Replace/preserve/rehabilitate - CIP Project to rehabilitate deteriorating infrastructure and increase the remaining use life of City assets.

Project Description / Comments

This project to install CIPP liner (MH1772 to MH1694) in 2,473 feet of existing 8-inch concrete main and 3,058 feet of existing 10-inch concrete main. The work will begin in the north of the Elks Lodge just west of SE 116th Ave and proceed south and then east following Riveridge Drive to SE 124th Court.

VICINITY MAP



FUNDING & SCHEDULE

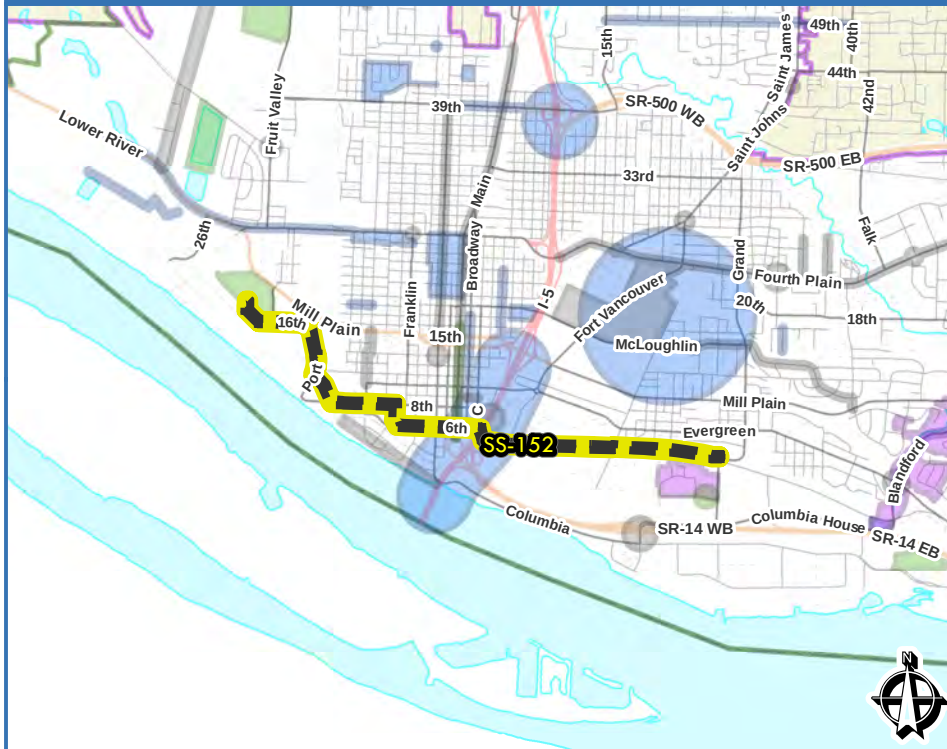
Budget / Proj. #:	083709
Budget / Proj. Task #:	
Total Project Cost:	\$390,310.00
*Start of Const. (Year):	2018



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: SOUTHSIDE INTERCEPTOR REHAB

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Collection

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

Ranked as most critically needed repair by Interceptor Condition Assessment Report

Project Description / Comments

To provide design services for re-lining of 42" diameter concrete Southside Interceptor, from Westside Water Reclamation Facility headworks and upstream about 2,200 lineal feet. Proposed repairs to use trenchless technology.

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

Budget / Proj. #:	083710
Budget / Proj. Task #:	
Total Project Cost:	\$2,675,000.00
*Start of Const. (Year):	2019

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WASTEWATER COLLECTION SCADA

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Sanitary Sewer

Project Type:

Collection

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

Upgrade existing Lift Station SCADA system throughout our service area.

Project Description / Comments

Existing lift station SCADA equipment is over 20 years old, outdated, and at the end of its service life. Equipment replacement is needed to update our SCADA system electronics and hardware, and maintain system reliability.

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

Budget / Proj. #: 083711

Budget / Proj. Task #:

Total Project Cost: \$25,000,000.00

***Start of Const. (Year): 2018**

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

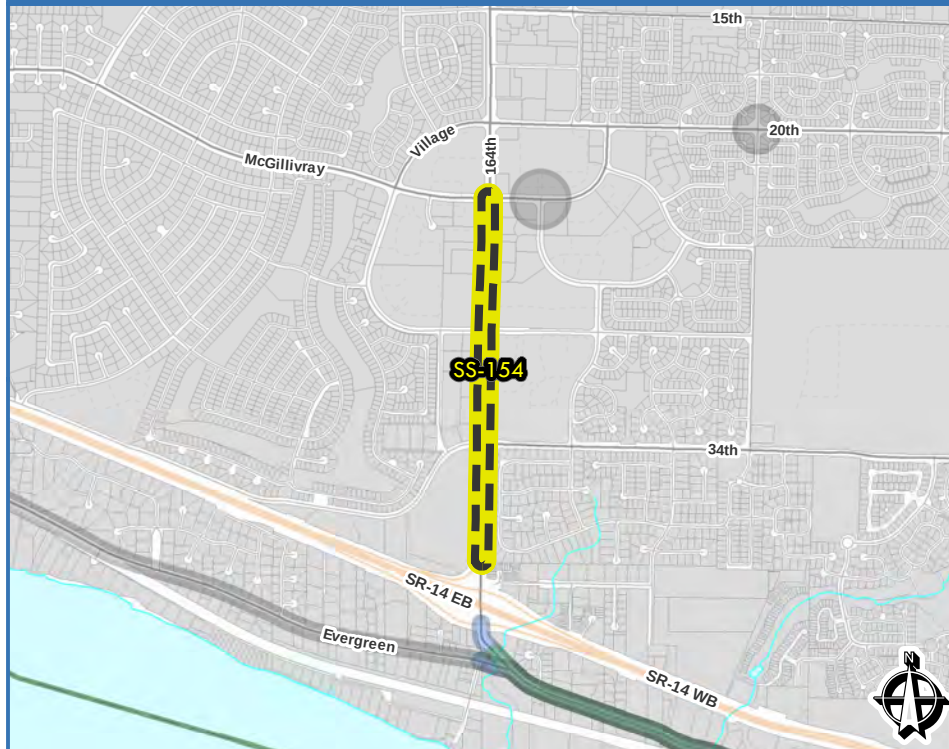
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: SE 164TH AVE PIPE REHABILITATION

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Sanitary Sewer
Project Type:	Collection
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

(4) - replace/preserve/rehabilitate -The pipeline structural strength has been degraded by ongoing hydrogen sulfide corrosion. This project will rehabilitate pipe in a 5,000 ft section to restore structural integrity and extend it's useful service life.

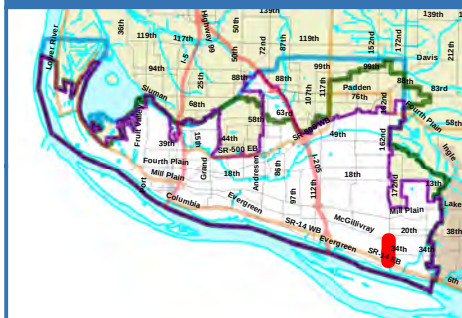
Project Description / Comments

Rehabilitate 12", 15", 16" and 18" diameter concrete pipe in the SE 164th Ave corridor, between MH #1619 and #1509 (SE McGillivray to a point just orth of SR-14) This segment includes 13 manholes and 12 pipe segments.

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

Budget / Proj. #:	083712
Budget / Proj. Task #:	
Total Project Cost:	\$600,000.00
*Start of Const. (Year):	2019

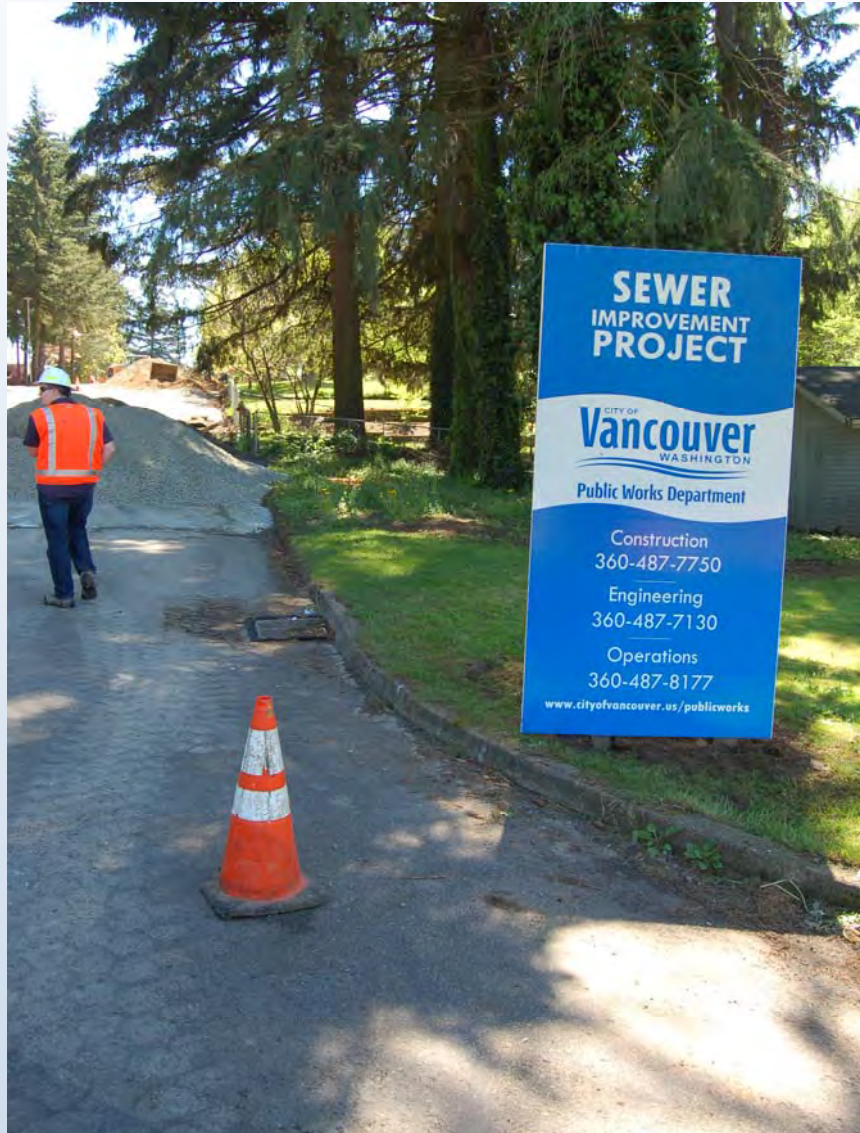
*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.

	20-yr CAPITAL IMPROVEMENT PROGRAM FOR WASTEWATER MANAGEMENT								Note: All costs are in 2018 dollars																						
Project Name	Number	CIP #	Budget*	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	Total							
Collection																															
Fred Meyer Pump Station Grand Central	083470	SS-98	49,176																					-							
Standby Power	083471	SS-A1-3	66,533	100,000	100,000	100,000	100,000	100,000	100,000															600,000							
NE 18th Street, Four Seasons to 138th*	083477	SS-22	20,342																					-							
Biddle Way Trunk E3A Realignment	083520	SS-139	339,967																					-							
Main Street, 5th to 15th*	083583	SS-5				520,000																		520,000							
IR - Interceptor Rehabilitation	083584	SS-A1-135	935,182	1,300,000	1,000,000	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	2,000,000													11,300,000							
Pinebrook Force Main Reroute	083587	SS-10					265,000																	265,000							
Manhole/Wye Rehabilitation	083588	SS-A1-138	195,205	100,000	100,000	100,000	100,000																	400,000							
Basin A-20-1 & Force Main Relocation (59th Street)	083589	SS-1		160,000																				160,000							
Flow Monitoring Program - Permanent Meters	083590	SS-A1-70		250,000																				250,000							
Capital Preservation - Collection System	083591	SS-A1-6	552,146	1,000,000	2,000,000	3,000,000	3,000,000	3,000,000	4,000,000	4,000,000	4,000,000													24,000,000							
63rd St Pump Station re-build/relocate	083592	SS-140	425,000	1,000,000																				1,000,000							
Basin B-4 Pump Station Removal	083593	SS-8	195,000			200,000																		200,000							
SE 1st St, 164th to 192nd Ave Design*	083594	SS-15	60,000	60,000																				60,000							
NE 137th Avenue, 49th to Fourth Plain*	083596	SS-20			430,000																			430,000							
Mill Plain - SE 102nd Ave to Chaklov	083597	SS-126	60,000	60,000																				60,000							
GMA Pump Station Improvements	083598	SS-21				1,600,000																		1,600,000							
Section 30 Arterial Expansion*	083600	SS-23			500,000																			500,000							
NE 152nd Ave at Ne 43rd St Sewer Realignment	083707	SS-149	300,000	300,000																				300,000							
NE 130 th Ave at NE 31st St Sewer Realingment	083708	SS-150	129,002																					-							
E3A-1 Sewer Rehabilitation-CIPP	083709	SS-151	390,310																					-							
Southside Interceptor Rehab Ph 1	083710	SS-152	175,000	2,500,000																				2,500,000							
Wastewater Collection SCADA	083711	SS-153	226,586	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000											1,500,000							
SE 164th Ave Rehab	083712	SS-154		600,000																				600,000							
G2-1 - Trunk Inter Rehab	N/A	N/A		130,000																				130,000							
Southside Interceptor Rehab Ph 2	N/A	N/A			2,800,000																			2,800,000							
Southside Interceptor Rehab Ph 3	N/A	N/A			200,000	3,300,000																		3,500,000							
Southside Interceptor Rehab Ph 4	N/A	N/A				200,000	2,400,000																	2,600,000							
Southside Interceptor Rehab Ph 5	N/A	N/A					250,000	3,000,000																3,250,000							
E - Interceptor Rehab PH 1	N/A	N/A				200,000	3,800,000																	4,000,000							
E - Interceptor Rehab PH 2	N/A	N/A					200,000	3,800,000																4,000,000							
Burnt Bridge Creek Interceptor - Ph 1	N/A	N/A						200,000	1,500,000															1,700,000							
Burnt Bridge Creek Interceptor - Ph 2	N/A	N/A						150,000	850,000															1,000,000							
Burnt Bridge Creek Interceptor - Ph 3	N/A	N/A						50,000	240,000															290,000							
Burnt Bridge Creek Interceptor - Ph 4	N/A	N/A						50,000	575,000															625,000							
E - Interceptor Rehab PH 3	N/A	N/A							200,000	2,800,000														3,000,000							
E - Interceptor Rehab PH 4	N/A	N/A								200,000	4,000,000													4,200,000							
E - Interceptor Rehab PH 5	N/A	N/A									200,000	2,000,000												2,200,000							
Sub-Total Collection=			4,119,449	7,710,000	7,280,000	10,370,000	11,265,000	11,500,000	9,615,000	9,150,000	10,350,000	2,150,000	150,000	-	-	-	-	-	-	-	-	-	-	79,540,000	79,540,000						
Treatment																															
West 16th Pump Station (Pump Replacement)	083580	SS-58			200,000																			200,000							
West 16th St Force Main Reline	083581	SS-131			150,000																			150,000							
Andresen Diversion Gate Valve	083582	SS-93			100,000																			100,000							
Sludge Force Main Extensions	083599	SS-25??				2,060,000																		2,060,000							
UV System Replacement	083420	N/A	6,900																					-							
CP&C Gravity Thickener - 2 Coatings	083444	SS-34	310,730																					-							
Maintenance Building HVAC System Replacement (Proj. complete 7/2018)	083479	SS-52	52,337																												

Westside Blower	N/A	SS-147		400,000																				400,000	
WS Schwing Pump Replacement	N/A	SS-80						600,000																600,000	
WS Replace Odor Control Scrubber	N/A	SS-81						500,000																500,000	
WS Grit Removal Replacement	N/A	N/A						500,000																500,000	
Marine Park - Replace Odor Control Scrubbers	N/A	SS-85							1,000,000															1,000,000	
Grit Reroute	N/A	N/A								2,000,000														2,000,000	
WS Replace Centrifuges	N/A	N/A							1,400,000															1,400,000	
MP UV Upgrade	N/A	N/A					1,200,000																	1,200,000	
WS GBT / Polymer Refurbish	N/A	N/A					400,000																	400,000	
MP Bar Screens Upgrade	N/A	N/A							600,000															600,000	
Westside Electrical Upgrades	N/A	N/A		1,000,000	2,000,000	2,000,000	2,000,000																	7,000,000	
Westside Electrical Upgrade Design	083714	N/A	600,000																					-	
Sub-Total Treatment=			5,816,081	6,300,000	10,625,000	10,920,000	8,817,303	3,850,000	5,000,000	4,000,000	3,000,000	3,000,000	17,000,000	3,000,000	3,000,000	3,000,000	3,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	108,512,303	108,512,303
WASTEWATER GRAND TOTAL=			9,935,530	14,010,000	17,905,000	21,290,000	20,082,303	15,350,000	14,615,000	13,150,000	13,350,000	5,150,000	17,150,000	3,000,000	3,000,000	3,000,000	3,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	188,052,303	#####
* 2018 Budget amounts include projected 2017 carry-forward																									
**Project timing is dependent upon the timing of the overriding project.																									

Sewer Connection Incentive Program (SCIP)



SCIP Project List



Sewer Connection Incentive Program (SCIP)

CIP Changes

This page provides an overview of the changes from the previous 6 year project list (2018-2023) to this year's 6 year project list (2019-2024). The changes are segmented by: projects added; projects removed; and other.

Projects Added	Project Number	Comments
Central Vancouver South PH 1 (35 homes #083680)	SCIP-249	First project in the phasing of this area
East Vancouver PH 1 (51 Lots #083681)	SCIP-248	First project in the phasing of this area

Projects Removed	Project Number	Comments
Allum Acres –(17 homes -#083676)	SCIP-104	Project cancelled –Scope to be included in East Vancouver PH 1
NE Drexel –(14 homes-#083680)	SCIP-34	On-hold -Will be included in a future project
Central Vancouver-South-(186 homes #083681)	SCIP-CS-243	Used budget to begin phasing for this area
Lieser Home sites (58 homes-#083353)	SCIP-63	Project completed
Granada South (282 homes - #083418)	SCIP-235	Project completed
Premier Acres (70 homes-#083467)	SCIP-103	Project completed

Other Changes	Project Number	Comments
Evergreen Highlands (12 homes - #083093-37)	SCIP-37	Project moved from 2018 to 2019
Fruit Lawn (22 homes -#0836798)	SCIP-106	Project moved from 2018 to 2019
West Vancouver (216 homes)	SCIP-W-238	Project budget increased from \$2M to \$2.5M, moved to 2019
East Vancouver-North (392 homes)	SCIP-EN-240	Project budget increased from \$2.3M to \$4.0M, moved to begin in 2020
East Vancouver-Central (516 homes)	SCIP-EC-242	Project budget decreased from \$7.2M to \$5.6M, moved to begin in 2021

Note 1. “Completed” indicates already completed as of the date of this document or anticipated completion prior to January 1, 2019.



6 YEAR CAPITAL IMPROVEMENT PROGRAM FOR SCIP (2019 - 2024)

Note: All costs are in 2018 dollars

PROJECT NAME	Project Number	CIP#	2018 Budget	2019	2020	2021	2022	2023	2024**	6 yr. Total
										-
Lieser Homesites/Sunset Homes (52 Homes)	083353	SCIP-63	793,487							-
Granada South (282 Homes)	083418	SCIP-235	164,567							-
Evergreen Airport North (29 Homes)	083463	SCIP-77	380,000							-
Alpine View (44 homes)	083466	SCIP-107	484,849							-
Premier Acres (70 homes)	083467	SCIP-103	1,142,142							-
Evergreen Estates (99 homes)	083677	SCIP-76	1,046,600							-
Evergreen Hwy - Ellsworth to 112th Ave (8 Homes)	083705	SCIP-37	244,988							-
Central Vancouver South PH1 (35 Lots)	083680	SCIP-249	250,000							-
East Vancouver PH1 (51 Lots)	083681	SCIP-248	600,000							-
SE 23rd St (6 lots)	083737	SCIP-179		150,000						150,000
Evergreen Highlands (12 homes)	083093-37	SCIP-37		150,000						150,000
Fruit Lawn (22 homes)	083679	SCIP-106		400,000						400,000
West Vancouver (216 homes)	083682	SCIP-W-238		2,500,000						2,500,000
East Vancouver - North (392 Parcels)	083683	SCIP-EN-240	1,000,000		3,000,000	1,000,000				4,000,000
East Vancouver - Central (516 Parcels)	083684	SCIP-EC-242				2,000,000	3,000,000			5,000,000
Central Vancouver - North (389 parcels)	083685	SCIP-249	250,000					3,000,000	1,000,000	4,000,000
Central Vancouver - South (150 lots)	083681	SCIP-CS-243							2,000,000	2,000,000
Demand Response - SCIP	083093	SCIP-A1-10	296,090	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
										-
TOTAL PLANNED PROJECTS			6,652,723	3,450,000	3,250,000	3,250,000	3,250,000	3,250,000	3,250,000	19,700,000

* 2018 Budget amounts include projected 2017 carry-forward

**SCIP program anticipated to be complete in 2024



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: DEMAND RESPONSE

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	SCIP
Project Type:	
Project Status:	Future
Other Info.:	Lots

PROJECT DESCRIPTION

Project Justification / Priority

(2) = Improve Safety; (3) = New Systems
A prioritization criteria was originally established by the City Engineer at the beginning of the program based on health and safety (viability of existing septic systems), proximity to ground water supply and surface water, density and home owner requests. Projects are being completed based on the overall prioritization rating. The projects with the higher priority ratings were completed by 2010 and the remaining projects are prioritized and completed based primarily on health and safety, budget and home owner requests.

Project Description / Comments

Sanitary sewer will be extended as part of the City's ongoing proactive efforts to make reliable public sewer available within our service area prior to failure of the existing septic systems.

Sewer extensions of 300 feet or less will be constructed as needed to connect parcels with failing septic systems or failing substandard connections.

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

Budget / Proj. #: 083093

Budget / Proj. Task #:

Total Project Cost:	\$1,500,000.00
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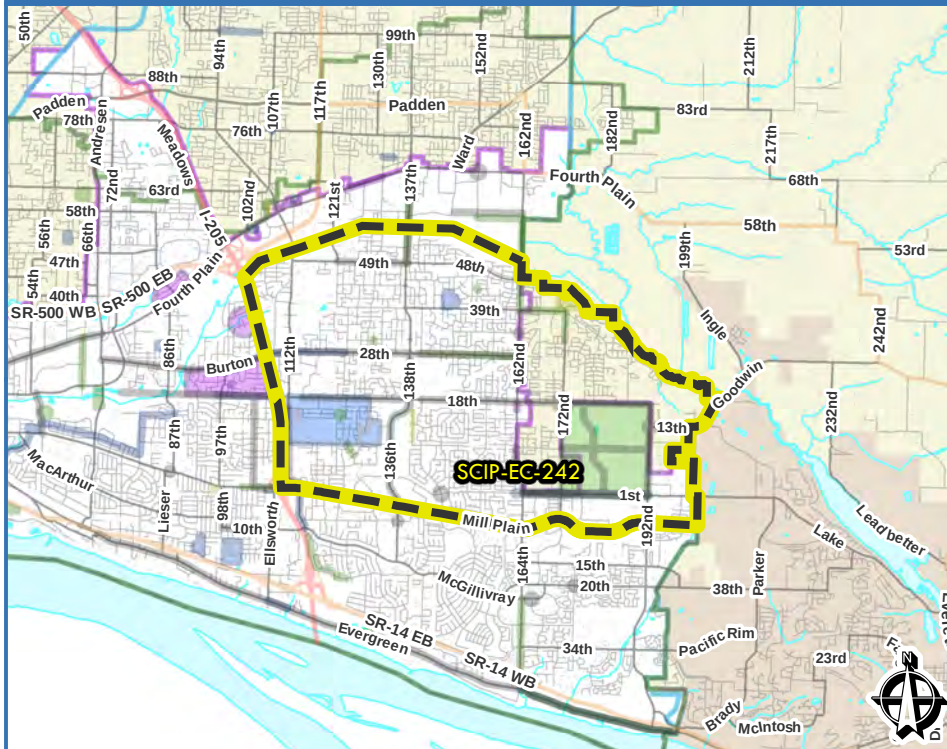
*Start of Const. (Year): 2019-2024



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **EAST VANCOUVER - CENTRAL**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	SCIP
Project Type:	
Project Status:	Future
Other Info.:	516 Lots

PROJECT DESCRIPTION

Project Justification / Priority

(2) = Improve Safety; (3) = New Systems

A prioritization criteria was originally established by the City Engineer at the beginning of the program based on health and safety (viability of existing septic systems), proximity to ground water supply and surface water, density and home owner requests. Projects are being completed based on the overall prioritization rating. The projects with the higher priority ratings were completed by 2010 and the remaining projects are prioritized and completed based primarily on health and safety, budget and home owner requests.

[illegible]

Sanitary sewer will be extended in several small pockets within the east central sewer boundary as part of the City's ongoing proactive efforts to make reliable public sewer available within our service area prior to failure of the existing septic systems.

LEGEND



VICINITY MAP



FUNDING & SCHEDULE

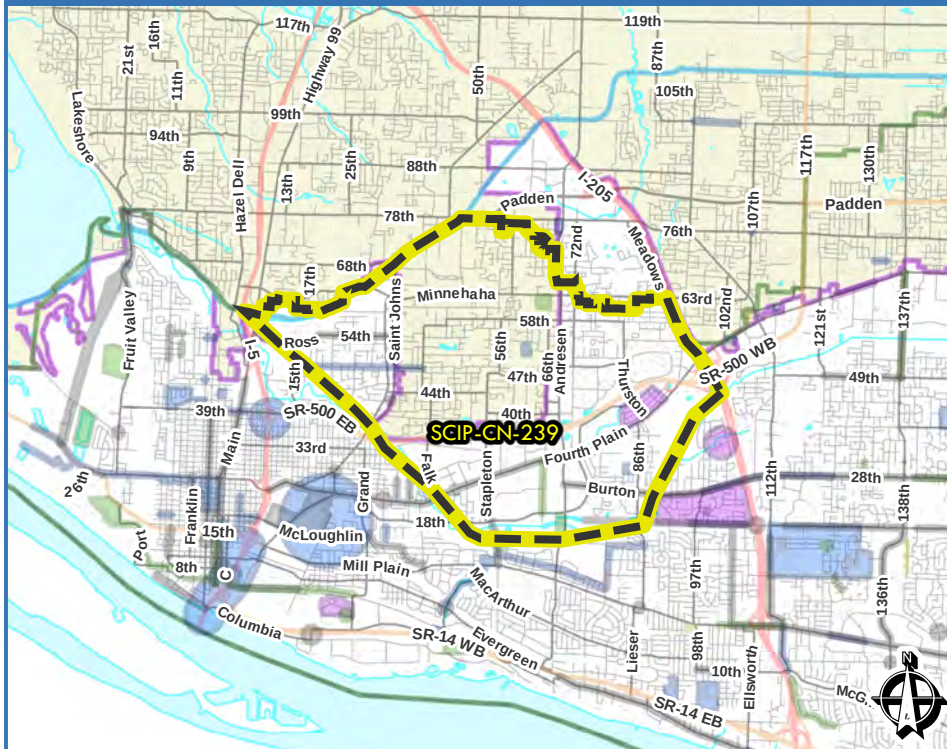
Budget / Proj. #:	083684
Budget / Proj. Task #:	
Total Project Cost:	\$5,000,000.00
*Start of Const. (Year):	2021-2022



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: CENTRAL VANCOUVER - NORTH

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	SCIP
Project Type:	
Project Status:	Future
Other Info.:	389 Lots

PROJECT DESCRIPTION

Project Justification / Priority

(2) = Improve Safety; (3) = New Systems

A prioritization criteria was originally established by the City Engineer at the beginning of the program based on health and safety (viability of existing septic systems), proximity to ground water supply and surface water, density and home owner requests. Projects are being completed based on the overall prioritization rating. The projects with the higher priority ratings were completed by 2010 and the remaining projects are prioritized and completed based primarily on health and safety, budget and home owner requests.

Project Description / Comments

Sanitary sewer will be extended to small un-sewered pockets within the central - north sewer service boundary as part of the City's ongoing proactive efforts to make reliable public sewer available within our service area prior to failure of the existing septic systems.

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

Budget / Proj. #:	083685
Budget / Proj. Task #:	
Total Project Cost:	\$4,000,000.00
*Start of Const. (Year):	2023-2024

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **CENTRAL VANCOUVER - SOUTH**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	SCIP
Project Type:	
Project Status:	Future
Other Info.:	186 Lots

PROJECT DESCRIPTION

Project Justification / Priority

(2) = Improve Safety; (3) = New Systems
A prioritization criteria was originally established by the City Engineer at the beginning of the program based on health and safety (viability of existing septic systems), proximity to ground water supply and surface water, density and home owner requests. Projects are being completed based on the overall prioritization rating. The projects with the higher priority ratings were completed by 2010 and the remaining projects are prioritized and completed based primarily on health and safety, budget and home owner requests.

<u>Project Description / Comments</u>

Sanitary sewer will be extended as part of the City's ongoing proactive efforts to make reliable public sewer available within our service area prior to failure of the existing septic systems.

LEGEND



VICINITY MAP



FUNDING & SCHEDULE

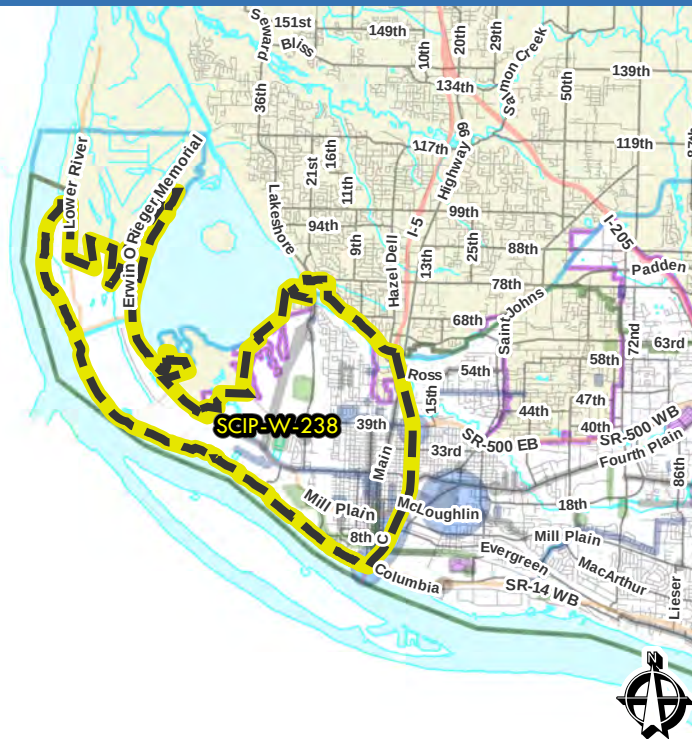
Budget / Proj. #:	
Budget / Proj. Task #:	
Total Project Cost:	\$2,000,000.00
*Start of Const. (Year):	2024



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WEST VANCOUVER

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	SCIP
Project Type:	
Project Status:	Future
Other Info.:	216 Lots

PROJECT DESCRIPTION

Project Justification / Priority

(2) = Improve Safety; (3) = New Systems

A prioritization criteria was originally established by the City Engineer at the beginning of the program based on health and safety (viability of existing septic systems), proximity to ground water supply and surface water, density and home owner requests. Projects are being completed based on the overall prioritization rating. The projects with the higher priority ratings were completed by 2010 and the remaining projects are prioritized and completed based primarily on health and safety, budget and home owner requests.

Project Description / Comments

Sanitary sewer will be extended within several small un-sewered pockets west of Interstate 5 as part of the City's ongoing proactive efforts to make reliable public sewer available within our service area prior to failure of the existing septic systems.

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

Budget / Proj. #:	083682
Budget / Proj. Task #:	
Total Project Cost:	\$2,500,000.00
*Start of Const. (Year):	2019

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

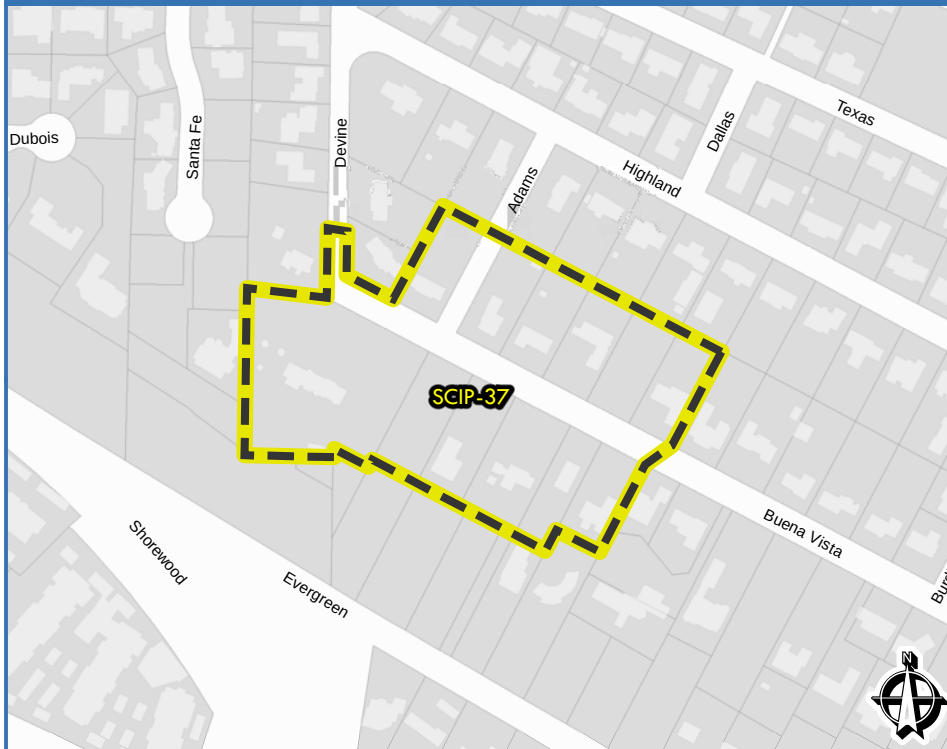
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: EVERGREEN HIGHLANDS

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	SCIP
Project Type:	
Project Status:	Active
Other Info.:	12 Lots

PROJECT DESCRIPTION

Project Justification / Priority

(2) = Improve Safety; (3) = New Systems

A prioritization criteria was originally established by the City Engineer at the beginning of the program based on health and safety (viability of existing septic systems), proximity to ground water supply and surface water, density and home owner requests. Projects are being completed based on the overall prioritization rating. The projects with the higher priority ratings were completed by 2010 and the remaining projects are prioritized and completed based primarily on health and safety, budget and home owner requests.

Project Description / Comments

Sanitary sewer will be extended in Buena Vista and Adams just east of Devine as part of the City's ongoing proactive efforts to make reliable public sewer available within our service area prior to failure of the existing septic systems.

LEGEND

Project Area	SCIP Project Areas	Battle Ground
Transportation Project Areas	Vancouver City Limits	Camas
Sanitary Sewer Project Areas	Building Footprints	Washougal
Surface Water Project Areas	Taxlots	
Water Project Areas	Clark County	

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083093
Budget / Proj. Task #:	37
Total Project Cost:	\$150,000.00
*Start of Const. (Year):	2019

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

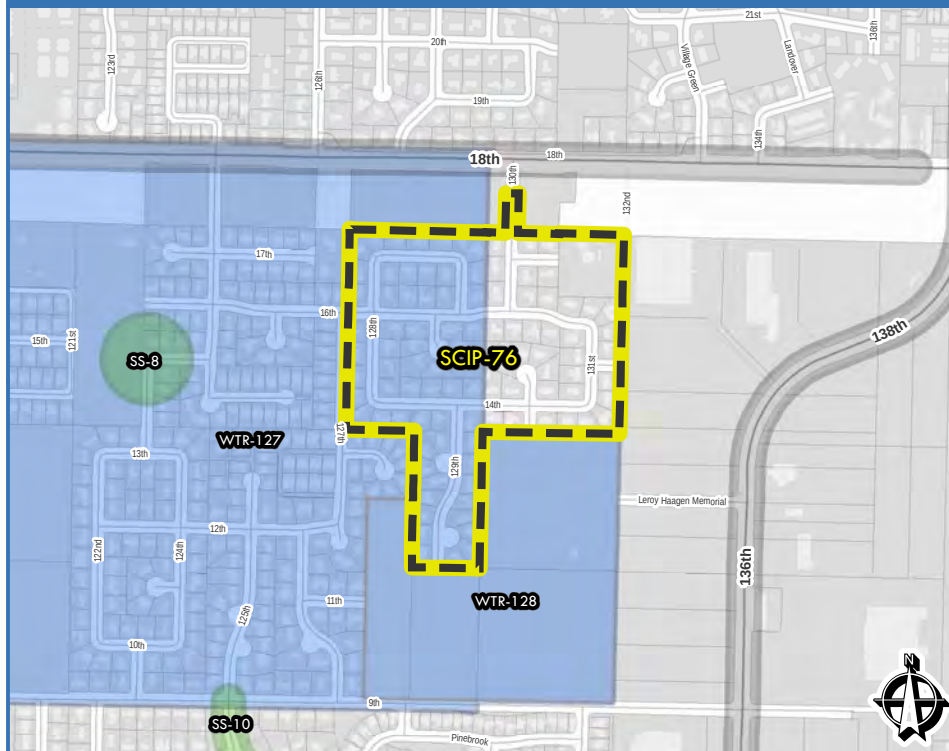
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **EVERGREEN ESTATES**

PROJECT AREA MAP



LEGEND



PROJECT SUMMARY

Program/Discipline Type:	SCIP
Project Type:	
Project Status:	Active
Other Info.:	99 Lots

PROJECT DESCRIPTION

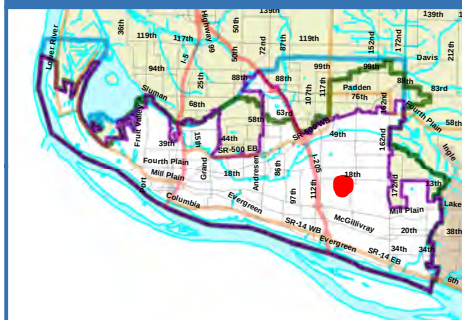
Project Justification / Priority

(2) = Improve Safety; (3) = New Systems
A prioritization criteria was originally established by the City Engineer at the beginning of the program based on health and safety (viability of existing septic systems), proximity to ground water supply and surface water, density and home owner requests. Projects are being completed based on the overall prioritization rating. The projects with the higher priority ratings were completed by 2010 and the remaining projects are prioritized and completed based primarily on health and safety, budget and home owner requests.

Project Description / Comments

Sanitary sewer will be extended in NE 128th, NE129th, NE 130th & NE 131st Avenues as well as NE 14th & NE 16th Streets as part of the City's ongoing proactive efforts to make reliable public sewer available within our service area prior to failure of the existing septic systems.

VICINITY MAP



FUNDING & SCHEDULE

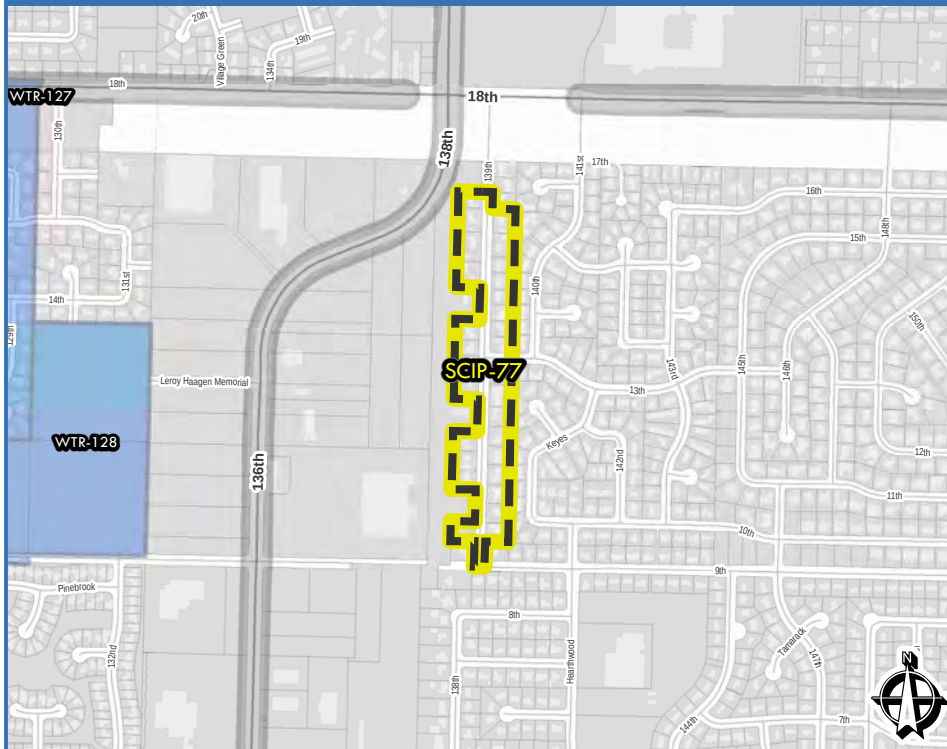
Budget / Proj. #:	083677
Budget / Proj. Task #:	
Total Project Cost:	\$1,046,600.00
*Start of Const. (Year):	2018



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: EVERGREEN AIRPARK NORTH

PROJECT AREA MAP



LEGEND

- | | | | | | |
|--|------------------------------|--|-----------------------|--|---------------|
| | Project Area | | SCIP Project Areas | | Battle Ground |
| | Transportation Project Areas | | Vancouver City Limits | | Camas |
| | Sanitary Sewer Project Areas | | Building Footprints | | Washougal |
| | Surface Water Project Areas | | Taxlots | | |
| | Water Project Areas | | Clark County | | |

PROJECT SUMMARY

Program/Discipline Type:	SCIP
Project Type:	
Project Status:	Active
Other Info.:	29 Lots

PROJECT DESCRIPTION

Project Justification / Priority

(2) = Improve Safety; (3) = New Systems

A prioritization criteria was originally established by the City Engineer at the beginning of the program based on health and safety (viability of existing septic systems), proximity to ground water supply and surface water, density and home owner requests. Projects are being completed based on the overall prioritization rating. The projects with the higher priority ratings were completed by 2010 and the remaining projects are prioritized and completed based primarily on health and safety, budget and home owner requests.

Project Description / Comments

Sanitary sewer will be extended in NE 136th Ave from NE 9th Street north, ending just south of the BPA right-of-way as part of the City's ongoing proactive efforts to make reliable public sewer available within our service area prior to failure of the existing septic systems.

VICINITY MAP



FUNDING & SCHEDULE

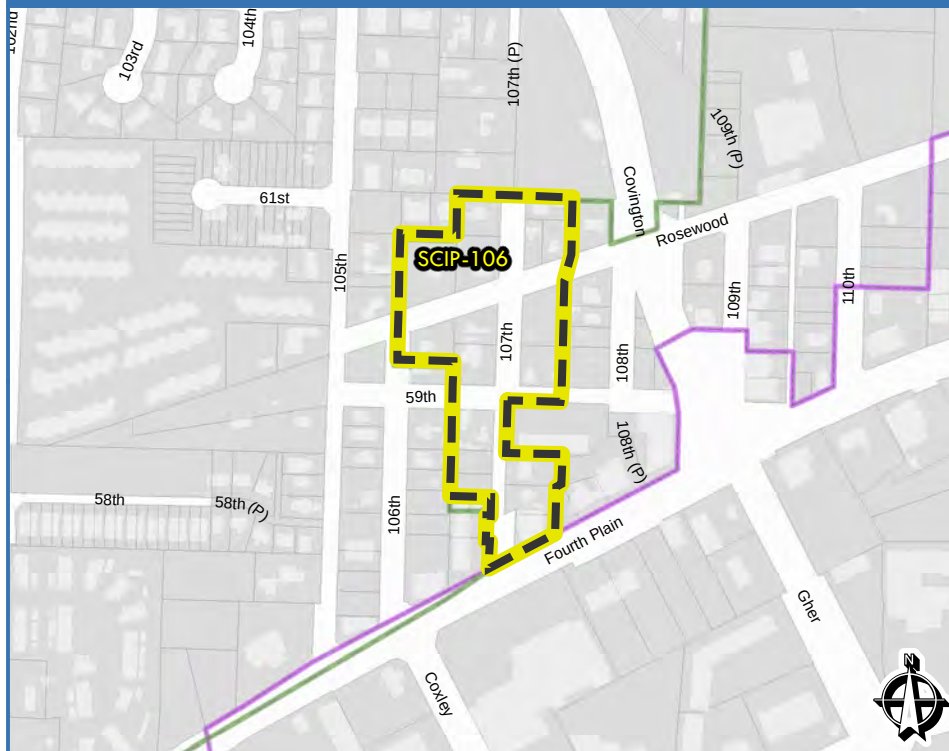
Budget / Proj. #:	083463
Budget / Proj. Task #:	
Total Project Cost:	\$380,000.00
*Start of Const. (Year):	2018



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: FRUIT LAWN

PROJECT AREA MAP



LEGEND



PROJECT SUMMARY

Program/Discipline Type:	SCIP
Project Type:	
Project Status:	Future
Other Info.:	22 Lots

PROJECT DESCRIPTION

Project Justification / Priority

(2) = Improve Safety; (3) = New Systems

A prioritization criteria was originally established by the City Engineer at the beginning of the program based on health and safety (viability of existing septic systems), proximity to ground water supply and surface water, density and home owner requests. Projects are being completed based on the overall prioritization rating. The projects with the higher priority ratings were completed by 2010 and the remaining projects are prioritized and completed based primarily on health and safety, budget and home owner requests.

Project Description / Comments

Sanitary sewer will be extended in NE 107th avenue north of Fourth Plain Blvd as part of the City's ongoing proactive efforts to make reliable public sewer available within our service area prior to failure of the existing septic systems.

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083679
Budget / Proj. Task #:	
Total Project Cost:	\$400,000.00
*Start of Const. (Year):	2019

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

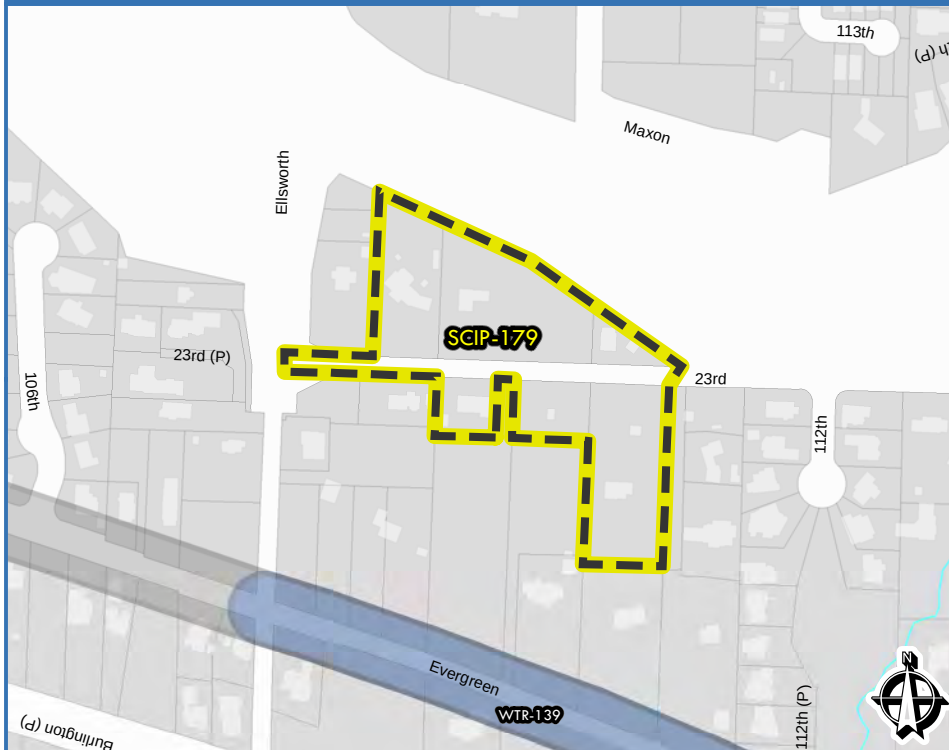
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **SE 23RD ST**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	SCIP
Project Type:	
Project Status:	Active
Other Info.:	6 Lots

PROJECT DESCRIPTION

Project Justification / Priority

(2) = Improve Safety; (3) = New Systems

A prioritization criteria was originally established by the City Engineer at the beginning of the program based on health and safety (viability of existing septic systems), proximity to ground water supply and surface water, density and home owner requests. Projects are being completed based on the overall prioritization rating. The projects with the higher priority ratings were completed by 2010 and the remaining projects are prioritized and completed based primarily on health and safety, budget and home owner requests.

Project Description / Comments

Sanitary sewer will be extended in SE 23rd Street as part of the City's ongoing proactive efforts to make reliable public sewer available within our service area prior to failure of the existing septic systems. This project will be completed in coordination with a Pavement Management resurfacing project.

LEGEND

	Project Area		SCIP Project Areas		Battle Ground
	Transportation Project Areas		Vancouver City Limits		Camas
	Sanitary Sewer Project Areas		Building Footprints		Washougal
	Surface Water Project Areas		Taxlots		
	Water Project Areas		Clark County		

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083737
Budget / Proj. Task #:	
Total Project Cost:	\$150,000.00
*Start of Const. (Year):	2019

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

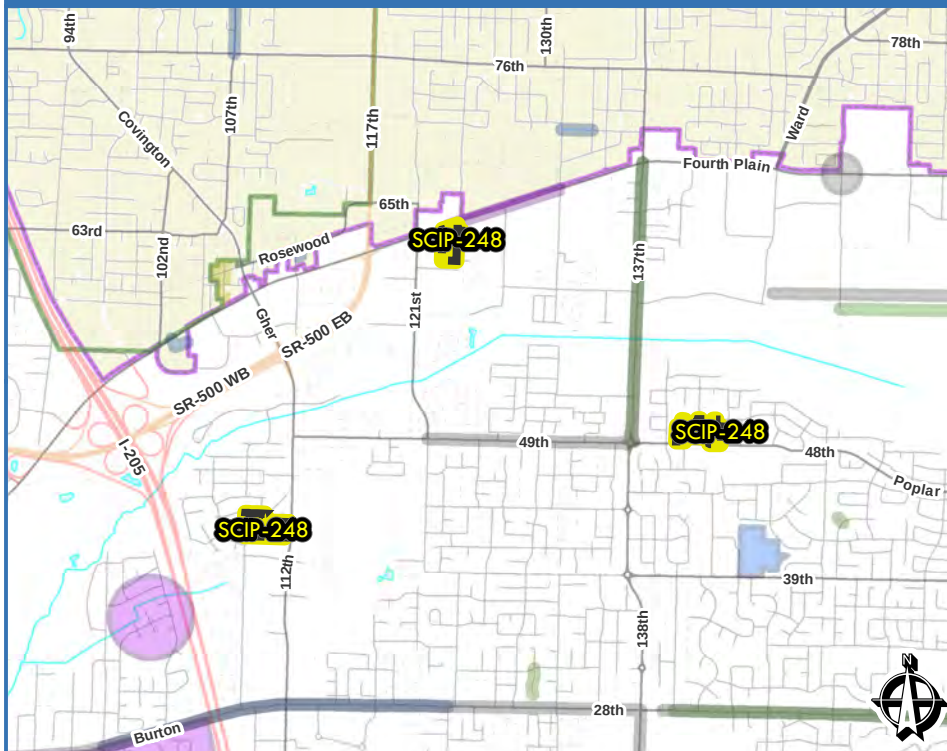
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: EAST VANCOUVER - PHASE 1

PROJECT AREA MAP



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		

PROJECT SUMMARY

Program/Discipline Type:	SCIP
Project Type:	SCIP
Project Status:	Active
Other Info.:	51 Lots

PROJECT DESCRIPTION

Project Justification / Priority

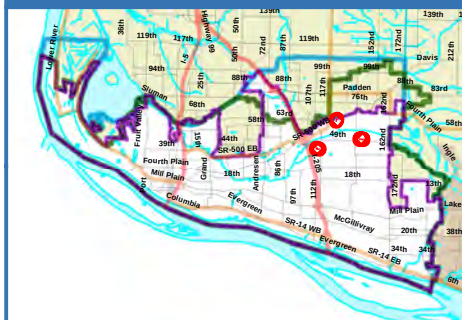
(2) = Improve Safety; (3) = New Systems

A prioritization criteria was originally established by the City Engineer at the beginning of the program based on health and safety (viability of existing septic systems), proximity to ground water supply and surface water, density and home owner requests. Projects are being completed based on the overall prioritization rating. The projects with the higher priority ratings were completed by 2010 and the remaining projects are prioritized and completed based primarily on health and safety, budget and home owner requests.

Project Description / Comments

This project will be providing public sewer to NE 42nd Street from NE 112th Avenue to Morrow Road as well as a portion of Morrow Road, NE 123rd Avenue south of Fourth Plain Boulevard, NE 63rd Street from NE 123rd Avenue to NE 124th Avenue, and both NE 141st Avenue and NE 143rd Avenue from NE 49th Street to NE 50th Street as well as NE 142nd Avenue from NE 50th Street south to the cul-de-sac.

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083681
Budget / Proj. Task #:	
Total Project Cost:	\$600,000.00
*Start of Const. (Year):	2019

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

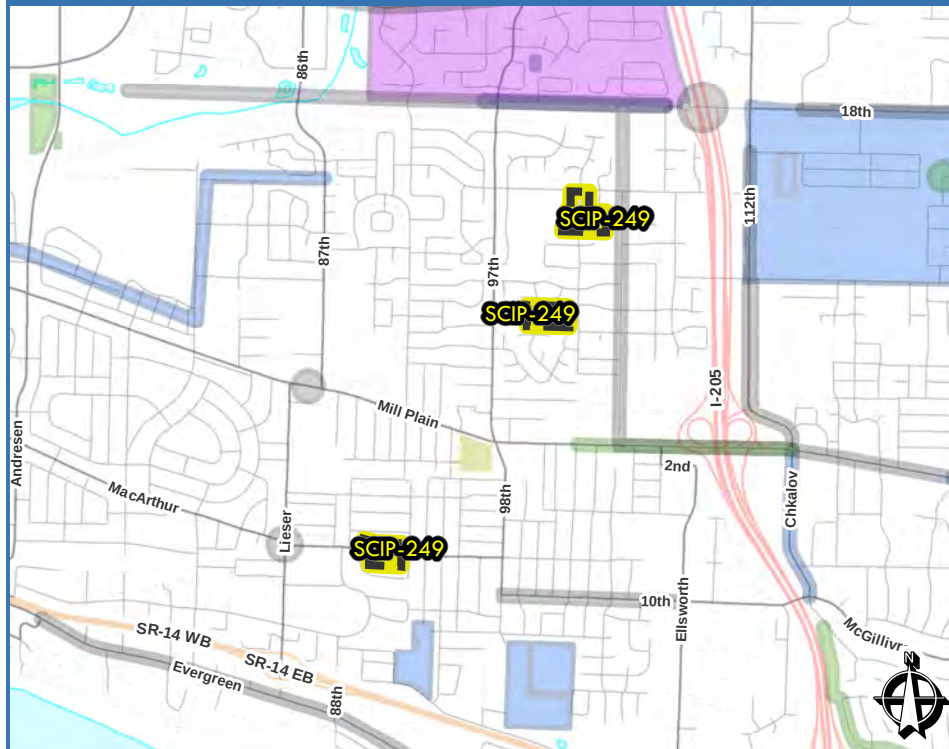
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: CENTRAL VANCOUVER SOUTH - PHASE 1

PROJECT AREA MAP



LEGEND



PROJECT SUMMARY

Program/Discipline Type:	SCIP
Project Type:	
Project Status:	Active
Other Info.:	35 Lots

PROJECT DESCRIPTION

Project Justification / Priority

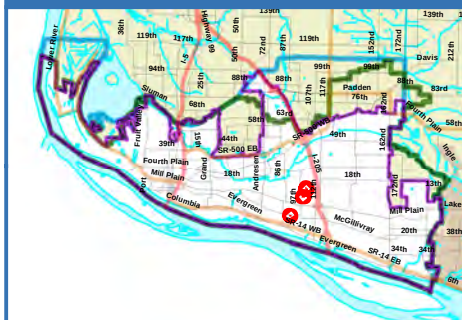
(2) = Improve Safety; (3) = New Systems

A prioritization criteria was originally established by the City Engineer at the beginning of the program based on health and safety (viability of existing septic systems), proximity to ground water supply and surface water, density and home owner requests. Projects are being completed based on the overall prioritization rating. The projects with the higher priority ratings were completed by 2010 and the remaining projects are prioritized and completed based primarily on health and safety, budget and home owner requests.

Project Description / Comments

This project will be providing public sewer to NE 102nd Ave south of NE 14th Street, NE 7th Street from NE 102nd Ave to NE 100th Ave, including a short extension into NE 100th Ave, and St Helens Ave from Mt Shasta Drive to Beacon Avenue.

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083680
Budget / Proj. Task #:	
Total Project Cost:	\$250,000.00
*Start of Const. (Year):	2019

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

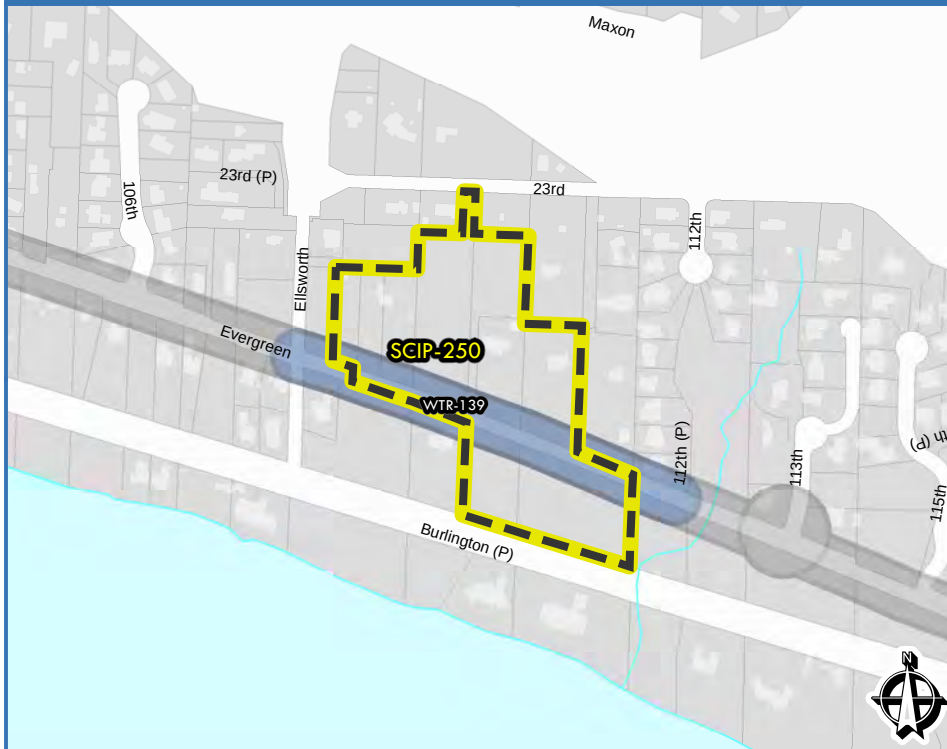
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: EVERGREEN HIGHWAY SEWER EXTENSION

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	SCIP
Project Type:	SCIP
Project Status:	Active
Other Info.:	9 Lots

PROJECT DESCRIPTION

Project Justification / Priority

A prioritization criteria was originally established by the City Engineer at the beginning of the program based on health and safety (viability of existing septic systems), proximity to ground water supply and surface water, density and home owner requests. Projects are being completed based on the overall prioritization rating. The projects with the higher priority ratings were completed by 2010 and the remaining projects are prioritized and completed based primarily on health and safety, budget and home owner requests. (2) = Improve Safety; (3) = New Systems

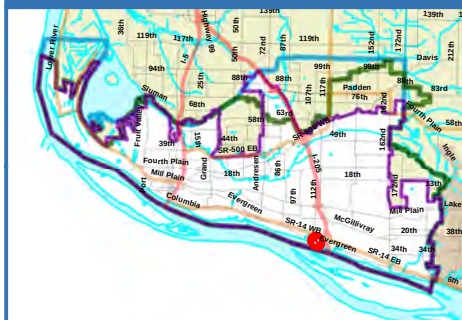
Project Description / Comments

Sanitary sewer will be extended as part of the City's ongoing proactive efforts to make reliable public sewer available within our service area prior to failure of the existing septic systems. This project will be completed in coordination with a water main relocation.

LEGEND

	Project Area		SCIP Project Areas		Battle Ground
	Transportation Project Areas		Vancouver City Limits		Camas
	Sanitary Sewer Project Areas		Building Footprints		Washougal
	Surface Water Project Areas		Taxlots		
	Water Project Areas		Clark County		

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	083705
Budget / Proj. Task #:	
Total Project Cost:	\$150,000.00
*Start of Const. (Year):	2018

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.

Surface Water Utility



Surface Water Utility Recent Financial History





SURFACE WATER FUND ACTIVITY (2012-2017)

	2012	2013	2014	2015	2016	2017
Revenue						
Ratepayer Revenue	10,202,474	10,971,328	11,661,445	12,373,597	13,495,966	14,731,122
SRF Loan (included in Misc. Rev.)						
Grants	396,540	295,500	523,679	191,068	870,750	158,297
Other Miscellaneous Revenue*	113,034	621,132	503,531	594,199	386,433	340,956
Total Revenue	10,712,048	11,887,960	12,688,655	13,158,864	14,753,149	15,230,375
Expenses						
Salaries & Benefits	3,570,717	3,758,869	3,784,125	4,123,518	4,486,659	4,642,878
Supplies and Services	807,314	831,991	934,475	1,082,082	956,181	1,011,738
Professional Services	356,200	324,489	388,733	317,953	440,642	645,537
Indirects and ER&R	<u>2,245,720</u>	<u>2,437,780</u>	<u>2,216,433</u>	<u>2,626,469</u>	<u>3,033,560</u>	<u>3,099,472</u>
Operations & Maintenance Expenses	6,979,952	7,353,129	7,323,766	8,150,022	8,917,042	9,399,625
Taxes and fees	2,173,263	2,338,834	2,471,031	2,615,047	3,008,814	3,655,827
Debt Service		44,173	86,231	88,346	88,292	88,291
Capital Construction Expenses	795,769	319,656	912,996	568,769	1,461,915	758,683
General Fund	0	0	0	0	0	0
Water Fund (Utilities Administration Allocation)	1,062,698	1,091,383	1,111,723	1,216,197	1,258,937	1,214,217
Street Maintenance Fund	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Expenses Subtotal	11,011,682	11,147,175	11,905,747	12,638,381	14,735,000	15,116,643
Depreciation	<u>348,825</u>	<u>361,816</u>	<u>377,653</u>	<u>380,454</u>	<u>433,403</u>	<u>548,072</u>
Total Expense	11,360,507	11,508,991	12,283,400	13,018,835	15,168,403	15,664,715

* Other Miscellaneous Revenues include items such as:

Site Plan Review

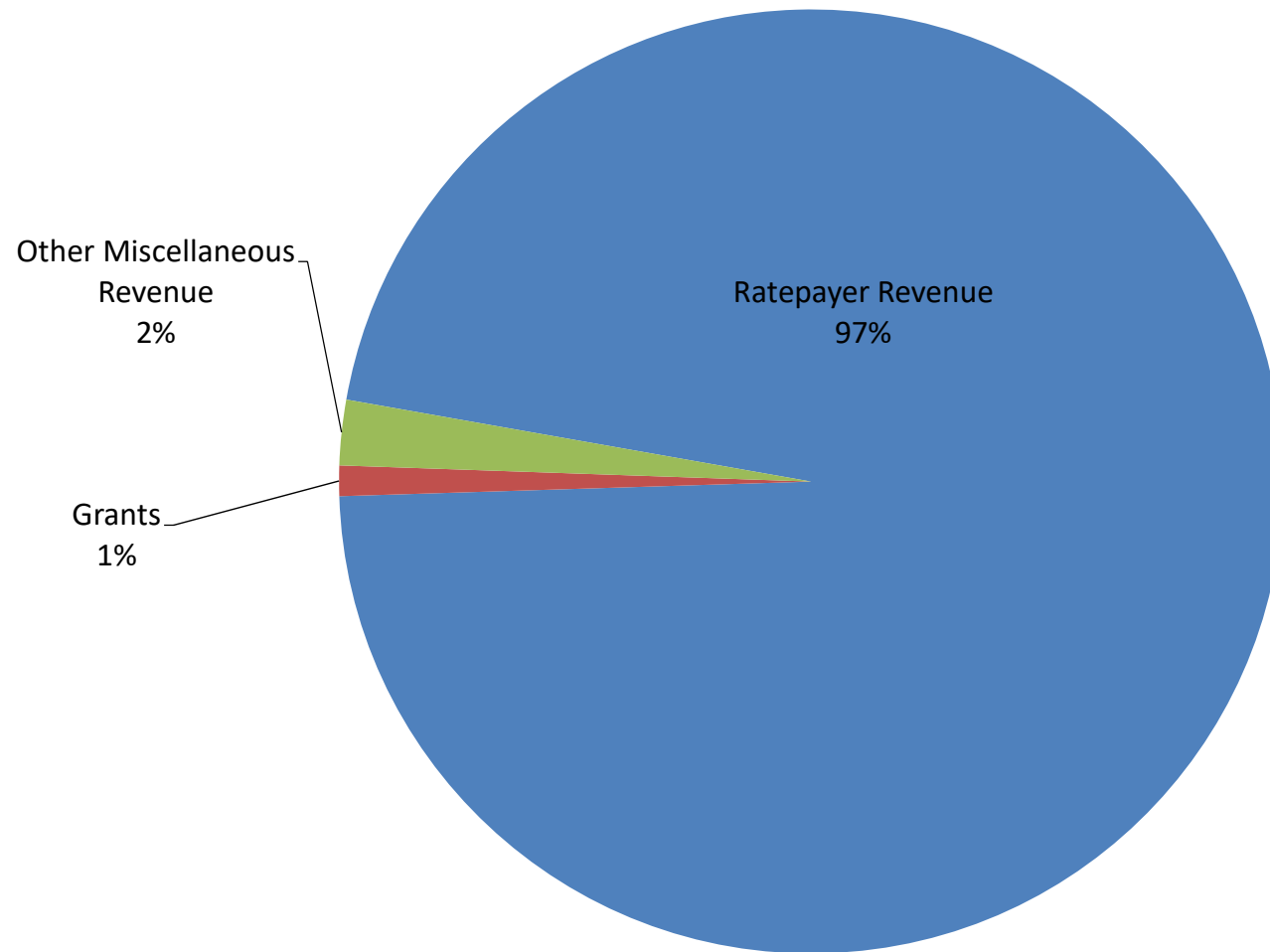
Subdivision Fees

Interest

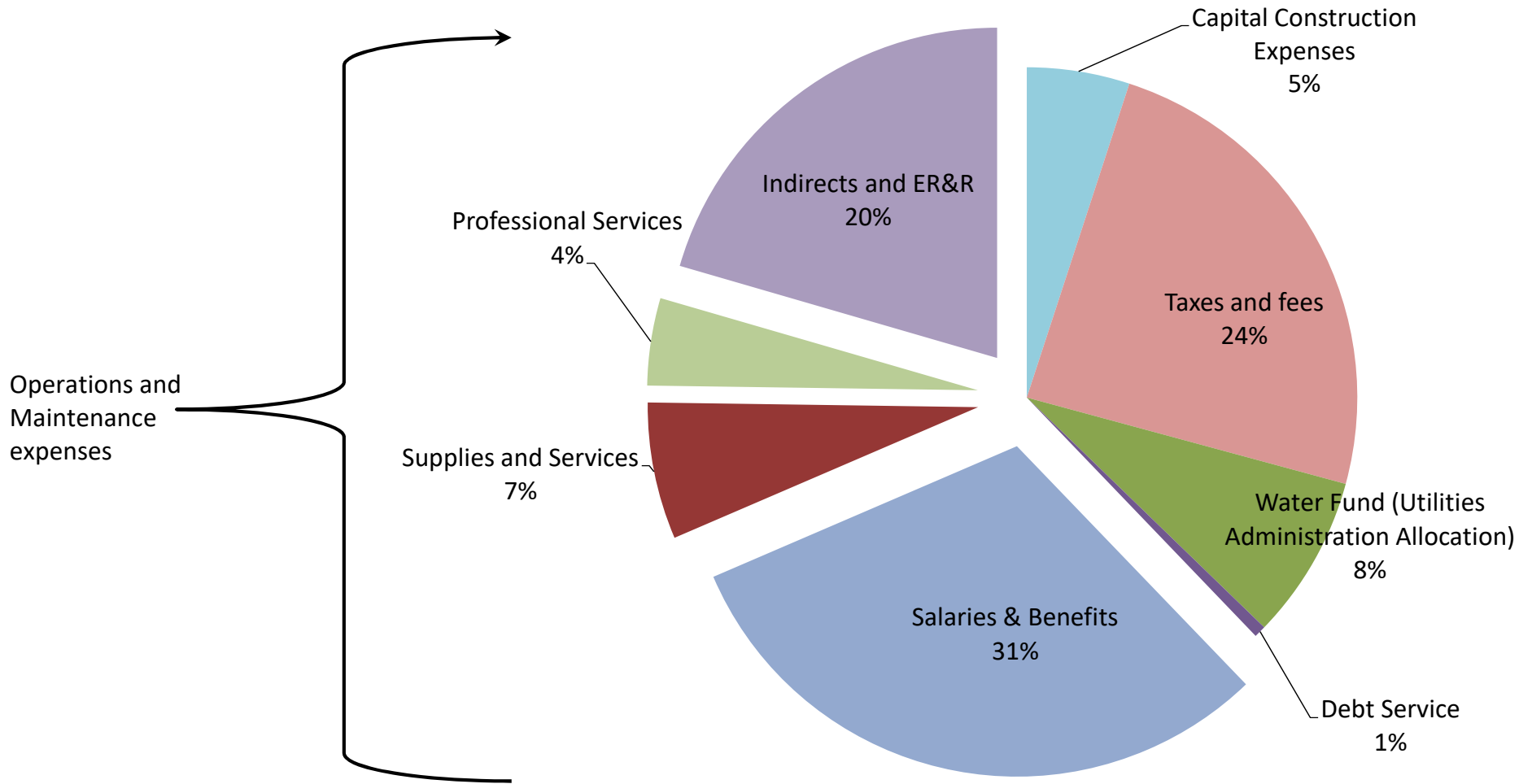
WDOT Revenue

Transfer from General Fund

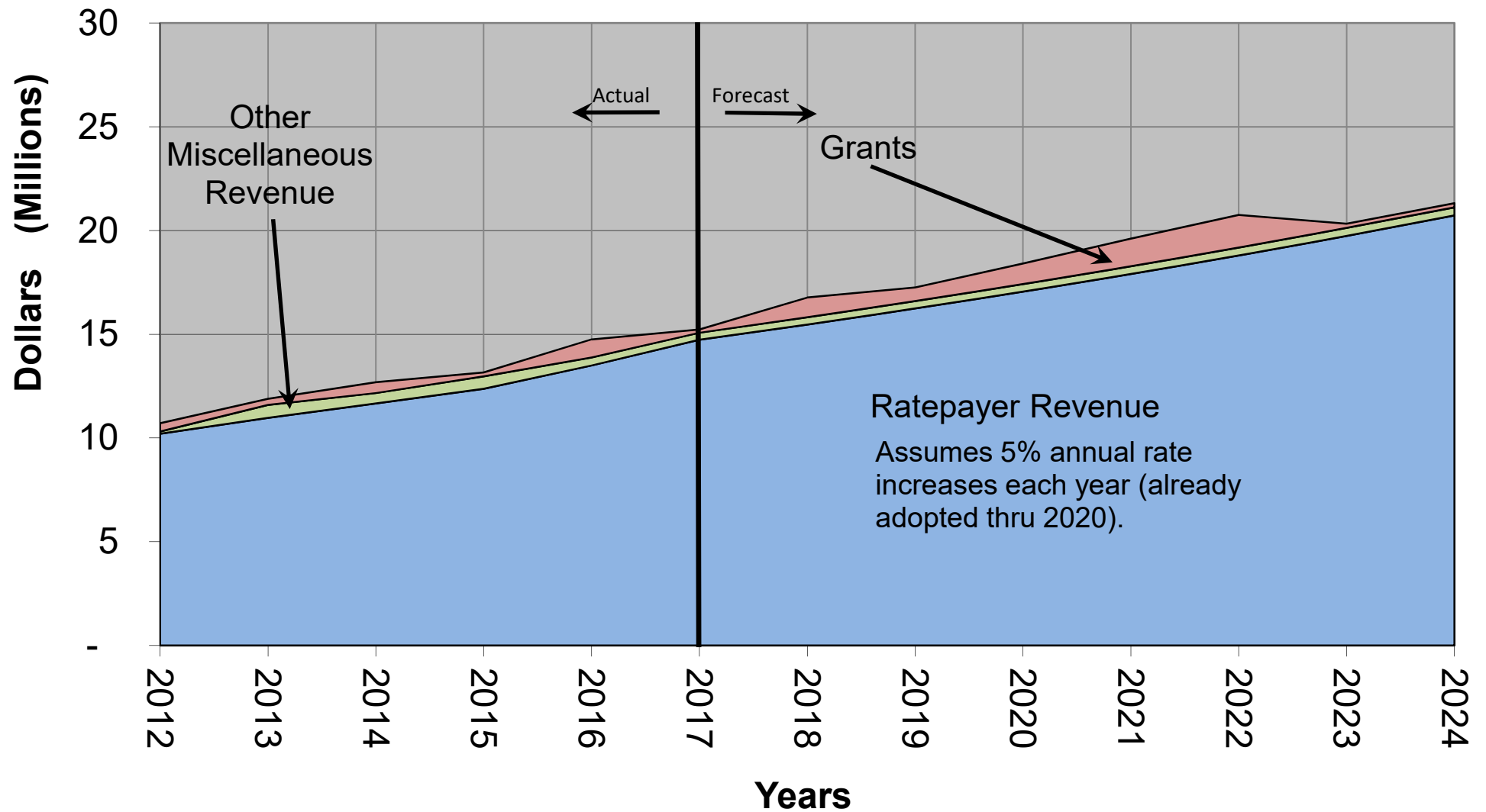
2017 Surface Water Utility Revenues = \$15,230,375



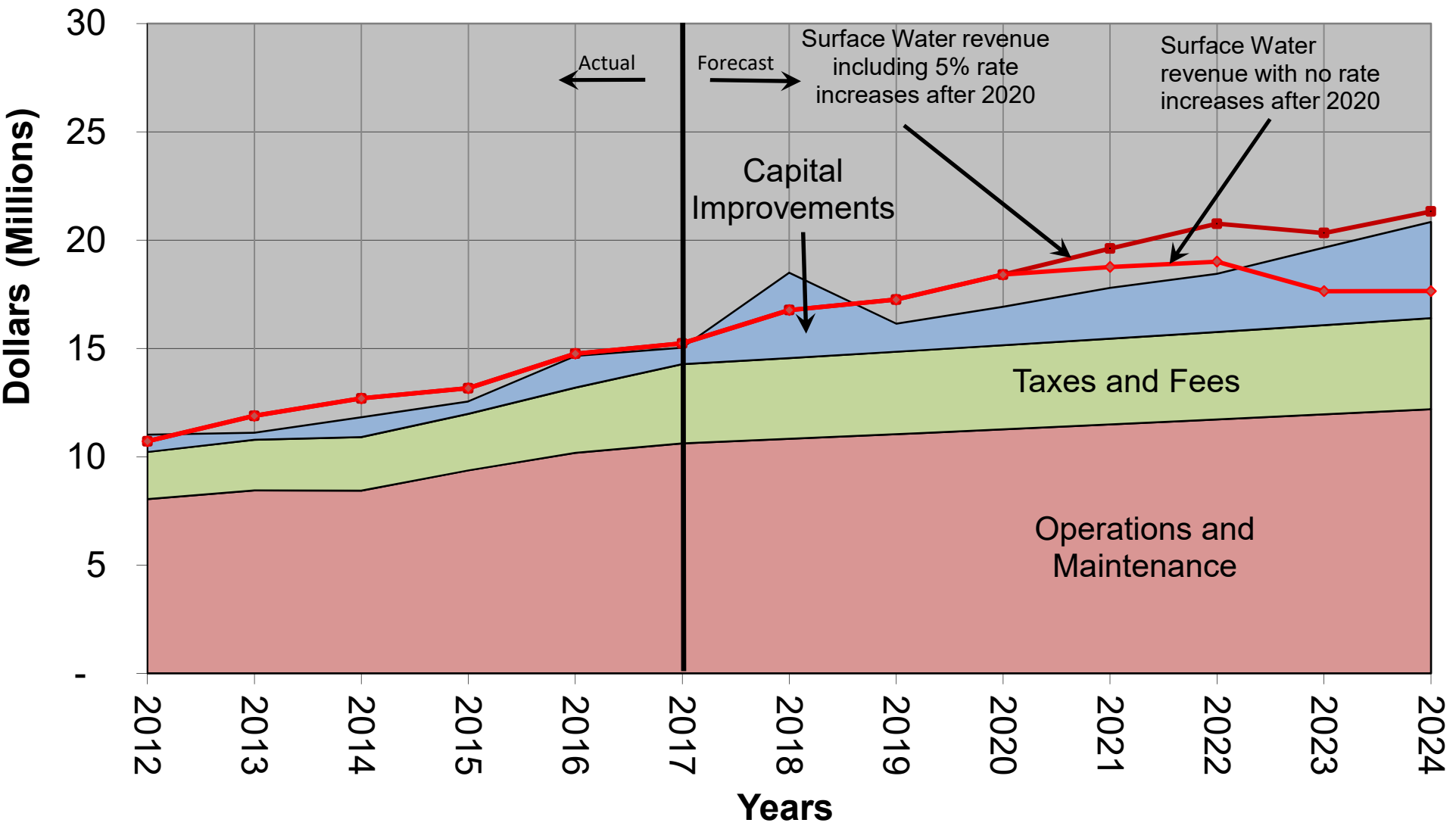
2017 Surface Water Utility Expenses = \$15,116,643



Surface Water Revenues (2012-2024)



Surface Water Expenses (2012-2024)



Surface Water Utility - Project List



Surface Water Management CIP Changes

This page provides an overview of the changes from the previous 6 year project list (2018-2023) to this year's 6 year project list (2019-2024). The changes are grouped by: projects added; projects removed; and other.

Projects Added		
New Reg. Compliance (NPDES/TMDL)- *Expanded Private SW Facility Inspection	SW-A1-23 GRANT	New projects identified: Added \$131K in 2019
New Reg. Compliance – (UIC Retrofits) – *Blandford Drive Sub basins LID Retrofits (RC)	SW-47 (GRANT)	New projects identified: GRANT – 2020/2021 Design-\$95K GRANT-2022 Construction\$2.1M
New Arterial Safety Project – *SE 17 th St Outfall –(#083666)-(SS)	SW-A1-24	New projects identified: New CIP \$125K in 2021
Substandard Systems-- *Substandard Systems (#083661)	SW-A1-37	New projects identified for 2019-2024 Added \$200K in 2023 & \$200K in 2024
Comprehensive Surface & Ground Water Management Plan *NPDES/TMDL Watershed Health (GRANT) (WQ monitoring) *Burton Channel Green Retrofit Basin Study –(GRANT)- (WP)	SW-A1-39 (GRANT) (GRANT) SW-40	New projects identified: Added \$168K in 2019 & 150K in 2024 Added \$189K in 2019
Projects Removed	Project Number	Comments
SW Retrofit LID Grant – OAKBROOK (#083383)	SW-32	*Project Complete 2017
NE 18 th St. Retrofits (#083392)	SW-25	*Project Complete 2018
Retrofit Existing Drywells (#083993)	N/A	*Project Complete 2018
SW Retrofit LID Grant – Brookside Operations Center (#083507)	SW-29	*Project Cancelled 2017
NW 32 nd St	SW-31	*Project Complete 2017
Other Changes	Project Number	Comments
*Country Club Village Phase B –(#083635)-(RC-NPDES)	SW-30	Added \$35K in 2024
*Creekside Meadows- (#083568)-(SS)	SW-A1-36	Moved from 2021 to 2023
*Tiffany Meadows (SE 169 th Ave/SE 17 th St)- (#083657) –(SS)	SW-A1-36	Moved from 2020 to 2023
*SE 164th Ave Median Swale Retrofit – (#083647)-(SS)	SW-A1-24	Moved from 2020 to 2023
*Kristi Lane (NE 35 th Circle/NE 119 th Ave) – (#083569)- (SS)	SW-A1-36	Moved from 2022 to 2024
*Fishers Creek Culvert –(#083665)- (SS)	SW-A1-37	Moved from 2020 to 2023

*Mill Plain at Heathwood and Olympia – (#083645)- (SS)	SW-A1-24	Moved from 2020 to 2023
*Mill Plain at SE 164 th Ave – (#083644)- (SS)	SW-A1-24	Moved from 2021 to 2023
*NE 51 st St. Sump Basin (#083651)-(PA)	SW-A1-20	Moved from 2020 to 2023
*Watershed Planning (#083673)-(WP)	SW-A1-39	Moved from 2019 to 2023
*Linda Lane/Central Fourth Plain – (#083633)-(WP)	SW-A1-35	Moved from 2021 to 2023
*UIC Retrofit Phase 1 –WQ Treatment – (#083638)- (RC)	SW-A1-11	Project moved from 2020 to 2023
*UIC Retrofit Phase 2 –WQ Treatment – (#083639)- (RC)	SW-A1-11	Project moved out of 6 yr CIP
*Peterson Channel Greenway Restoration – (#083631)-(RC)	SW-A1-34	Project moved from 2020 to 2023
*Mill Plain and SE 155 th Ave –(#083646)-(SS)	SW-A1-24	Project moved out of 6 yr CIP
*NE Ross St. LID Retrofits (083686)-(RC)	SW-46 (GRANT)	Project moved from 2021 to 2022
*NE 15 th Ave Wetlands –(083652)-(PA)	SW-A1-20	\$405K added in 2024
*NE 15 th Ave East Greenway Restoration – (083632)-(RC)	SW-A1-34	Moved from 2021 to 2023
*Lower Grand Industrial Area	SW-41 (GRANT)	Budget increase from \$300K to \$1.1M
*Flood Plain, Habitat, Wetlands-(#083650)- (PA)	SW-A1-20	Added \$405K in 2024, Moved from 2022 to 2023
*Fourth Plain –NE 123 rd Ave –NE 131 st Ave- UIC Retrofits --(RC) – North & South sides	SW-45 (GRANT)	Two new WDOE Ecology Grants for 75% of project costs, north and south side projects are scheduled to start in 2020
*Fourth Plain NE 131 st to NE 162 nd Ave UIC Retrofits - (#083637)-(RC)	SW-A1-11	Moved from 2022 to 2024

Note 1. “Completed” indicates already completed as of the date of this document or anticipated completion prior to January 1, 2019.



6 YEAR CAPITAL IMPROVEMENT PROGRAM FOR
SURFACE WATER MANAGEMENT

Note: All costs are in 2018 dollars

PROJECT NAME	PROJECT #	CIP #	2018 Budget*	2019	2020	2021	2022	2023	2024	Totals
REGULATORY COMPLIANCE (RC)	083628	SW-A1-34								0
Phase III Peterson Channel Residential LID Retrofits - Grant	083504	SW-43	201,185							0
NE 162nd Ave WQ Treatments - Grant	083506	SW-44	126,320							0
Country Club Phase A Retrofits - Grant	083508	SW-30	659,081							0
Peterson Channel Greenway Restoration	083631	SW-A1-34						100,000	150,000	250,000
NE 15th Ave East Greenway Restoration	083632	SW-A1-34						100,000	250,000	350,000
Country Club Village Phase B	083635	SW-30							35,000	35,000
Fourth Plain SR500-131st Ave	083636	SW-A1-11						750,000	750,000	1,500,000
Fourth Plain 131st Ave-162nd Ave	083637	SW-A1-11							750,000	750,000
UIC Retrofit Ph 1 - Water Quality Treatment	083638	SW-A1-11						100,000	250,000	350,000
UIC Retrofit Ph 2 - Decommission & WQ Treatment	083639	SW-A1-11								0
Lower Grand Industrial Area LID Retrofits - Grant	083662	SW-41	300,000	400,000	700,000					1,100,000
NE Ross Street LID Retrofits - Grant	083686	SW-46	-		40,000	725,000				765,000
Private Stormwater Facility Program - Grant	085100	N/A	40,000							0
2017-2019 Stormwater Capacity Grant	085101	N/A	43,000							0
East Orchards Fourth Plain Water Quality Retrofits - New Grant	083734	SW-45		43,000	230,000	530,000				803,000
Expanded Private Stormwater Facility Inspection Program - New Grant	083731	SW-A1-23		131,000						131,000
NE Fourth Plain (123rd-131st South) Water Quality Retrofits - New Grant	083733	SW-45		41,000	230,000	430,000				701,000
Blandford Drive Subbasins LID Retrofits - New Grant	083735	SW-47			45,000	50,000	2,100,000			2,195,000
Peterson Channel NE 112th Ave - NEW	N/A	SW-A1-11								0
SE Mill Plain (139th - 164th) Water Quality Retrofits - NEW	N/A	N/A								0
NE 54th Str & 49th Str - St Johns Stormfilters Retrofit - NEW	N/A	N/A								0
Lower St James Bioretention Facilities- NEW	N/A	N/A								0
NE 54th Str west of St James Bioretention Facilities - NEW	N/A	N/A								0
North St Johns & St James Water Quality Retrofits - NEW	N/A	N/A								0
NE 66th Ave Bioretention Facilities- NEW	N/A	N/A								0
NE 62nd Ave Stormfilters Retrofit - NEW	N/A	N/A								0
NE 57th Ave Bioretention Facilities - NEW	N/A	N/A								0
Stapleton Water Quality Retrofit - NEW	N/A	N/A								0
General Anderson Water Quality Retrofit - NEW	N/A	N/A								0
NE 49th St-St James Water Quality Retrofit - NEW	N/A	N/A								0
NE 52nd St-St James Stormfilters Retrofit - NEW	N/A	N/A								0
										0
WP - WATERSHED PLANNING (WP)	083673	SW-A1-39						100,000	100,000	200,000
Burton Channel Green Retrofit-Basin Study and Design - Grant	083512	SW-40	129,556	189,000						189,000
Shallow Groundwater Evaluation	083525	SW-A1-39	25,000							0
Linda Lane/Central 4th Plain Stormwater Quality	083633	SW-A1-35						50,000	75,000	125,000
51st St Pump Station Basin Study & Design	083671	N/A								0
Pump Station Retrofits - FV, LaH, 162, CR	083672	N/A								0
Columbia Slope Study - NEW	N/A	N/A								0
NPDES/TMDL Watershed Health & Water Quality Monitoring - NEW	N/A	SW-A1-39		168,000	150,000					318,000
UIC Water Quality Retrofit Planning - NEW	N/A	N/A								0
Outfall Assessments - TMDL Program - NEW	N/A	N/A								0
Greenway (Andresen & Ogden Pond) - NEW	N/A	N/A								0
Peterson Channel - NEW	N/A	N/A								0
Arnold Park - NEW	N/A	N/A								0
West Central Outfalls - NEW	N/A	N/A								0
Fruit Valley Neighborhood - NEW	N/A	N/A								0
Section 30 - NEW	N/A	N/A								0
Headache Creek - NEW	N/A	N/A								0
										0
SS - SUB-STANDARD SYSTEMS (SS)	083661	SW-A1-24/36/37						200,000	200,000	400,000
Mill Plain & 184th Ave	083095-14	SW-A1-24	359,653							0
Fruit Valley Rd	083642	SW-A1-24	30,000							0
Mill Plain & SE 164th Ave	083644	SW-A1-24						250,000		250,000
Mill Plain at Hearthrowood & Olympia	083645	SW-A1-24						200,000		200,000
Mill Plain & 155th Ave	083646	SW-A1-24								0
SE 164th Ave Median Swale Retrofit	083647	SW-A1-24	148,550					35,000	50,000	85,000
Primrose Court DS#105	083655	SW-A1-36	23,000							0
Brickhaven (NE 146th Ave & 42nd St)	083656	N/A								0
Tiffany Meadows (SE 169th & 17th St)	083657	SW-A1-36						31,000		31,000
Creeside Meadows III (NE 124th Ct & 47th St)	083658	SW-A1-36						27,000		27,000
Kristi Lane (NE 35th Cir & 119th Ave)	083659	SW-A1-36							45,000	45,000
Oak Run (NE Fourth Plain & Plains Way)	083660	N/A								0
Mill Creek Culvert	083663	SW-A1-37	594,309							0
Chelsea Culvert	083664	SW-A1-37	245,000							0
Fisher's Creek Culvert	083665	SW-A1-37						35,000	125,000	160,000
SE 17th Street Outfall	083666	SW-A1-36				125,000				125,000
NE 32nd Street UIC Retrofit	083668	N/A								0
McGillivray Blvd west of SE 164th Ave - NEW	N/A	N/A								0
NE 141st Ave south of BPA - NEW	N/A	N/A								0
Culvert Repair/Replacement - NEW	N/A	N/A								0
Columbia Way at CBC Retrofit Separation - NEW	N/A	N/A								0
NW Walnut & 33rd Ditch Retrofit - NEW	N/A	N/A								0
Ports View Conveyance & Water Quality Retrofit - NEW	N/A	N/A								0
										0
CP - COORDINATION PROJECTS (CP)	083649	SW-A1-21						50,000	50,000	100,000
										0
PA - PROPERTY ACQUISITIONS-Flood Plain, Habitat, Wetlands (PA)	083650	SWA1-20						200,000	200,000	400,000
NE 51st St Sump Basin (2.5 Ac = \$170,000)	083651	SW-A1-20						170,000		170,000
NE 15th Ave Wetlands (11 AC = \$405,000)	083652	SW-A1-20						405,000	405,000	810,000
BBC Greenway (23 Ac = \$250,000)	083653	N/A								0
Alki Basin (\$150,000)	083654	N/A								0
										0
WSDOT FEE PROJECTS (WSDOT)	083154	SW-A1-5	16,299	234,000	234,000	234,000	234,000	234,000	234,000	1,404,000
Peterson Channel Vegetation	083154-08	SW-A1-5	5,015							0
SR14 Exit 1 Vegetation	083154-09	SW-A1-5	5,721							0
Ellsworth Vegetation	083154-11	SW-A1-5	5,000							0
I-5 Leverich East Slope Vegetation	083154-13	SW-A1-5	17,460							0
SR500 Andresen Islands Vegetation	083154-14	SW-A1-5	17,670							0
SR500 to I-205 Vegetation	083154-16	SW-A1-5	92,211							0
SR500 & St Johns Vegetation	083154-17	SW-A1-5	27,491							0
SR14 & 164th Ave Vegetation	083154-18	SW-A1-5	4,324							0
SR500 & 39th St Vegetation	083154-19	SW-A1-5	9,594							0
Orchards UIC Study	083154-21	SW-A1-5	101,373							0

112th Ave & I-205 Revegetation	083154-22	SW-A1-5	40,000							0
DR - STORMWATER DEMAND RESPONSE (DR)	083356	SW-A1-12	150,000	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Kiggins Bowl	083356-04	SW-A1-12								0
Quad/Blandford	083356-05	SW-A1-12								0
Infiltration Testing	083356-06	SW-A1-12								0
Stormwater Demand Response (DR) - To be Retired/Closed when pr	083674	SW-A1-12	520,192							0
18th St & 177th Ave	083674-02	SW-A1-12								0
W. 22nd St. & Thompson	083674-03	SW-A1-12								0
F Street	083674-04	SW-A1-12								0
CIP Subtotal Planned Projects			3,937,004	#####	#####	#####	2,384,000	3,087,000	#####	14,269,000
Grant Funding (Estimated):										
PROJECT NAME	PROJECT #	CIP #	2018 Budget	2019	2020	2021	2022	2023	2024	Totals
REGULATORY COMPLIANCE										
RC - Phase III Peterson Channel Residential LID Retrofits	083504	SW-43	(150,889)							0
RC - NE 162nd Ave WQ Treatments	083506	SW-44	(94,740)							0
RC - Country Club Phase A Retrofits	083508	SW-30	(494,311)							0
RC - Lower Grand Industrial Area LID Retrofits	083662	SW-41		(300,000)	(525,000)					-825,000
RC - NE Ross Street LID Retrofits	083686	SW-46			(30,000)	(543,750)				-573,750
RC - Private Stormwater Facility Program (100% Reimbursement)	085100	N/A	(40,000)							0
RC - 2017-2019 Stormwater Capacity Grant (100% Reimbursemen	085101	N/A	(43,000)							0
RC - East Orchards Fourth Plain Water Quality Retrofits	New Grant	SW-45		(30,750)	(172,500)	(322,500)				-525,750
RC - Expanded Private Stormwater Facility Inspection Program	New Grant	N/A		(98,250)						-98,250
RC - NE Fourth Plain (123rd-131st South) Water Quality Retrofits (100% Reimbursement)	New Grant	SW-45		(41,000)	(230,000)	(430,000)				-701,000
RC - Blandford Drive Subbasins LID Retrofits	New Grant	SW-47			(33,750)	(37,500)	(1,575,000)			-1,646,250
WATERSHED PLANNING										0
WP - Burton Channel Green Retrofit-Basin Study and Design (100% Reimbursement)	083512	SW-A1-39	(129,556)	(189,000)						-189,000
TOTAL Ecology Reimbursed (75% or 100% as noted))			(952,496)	(659,000)	(991,250)	(1,333,750)	(1,575,000)	-	-	-4,559,000
Net Estimated Cost of Projects			2,984,509	597,000	687,750	810,250	809,000	3,087,000	3,719,000	9,710,000

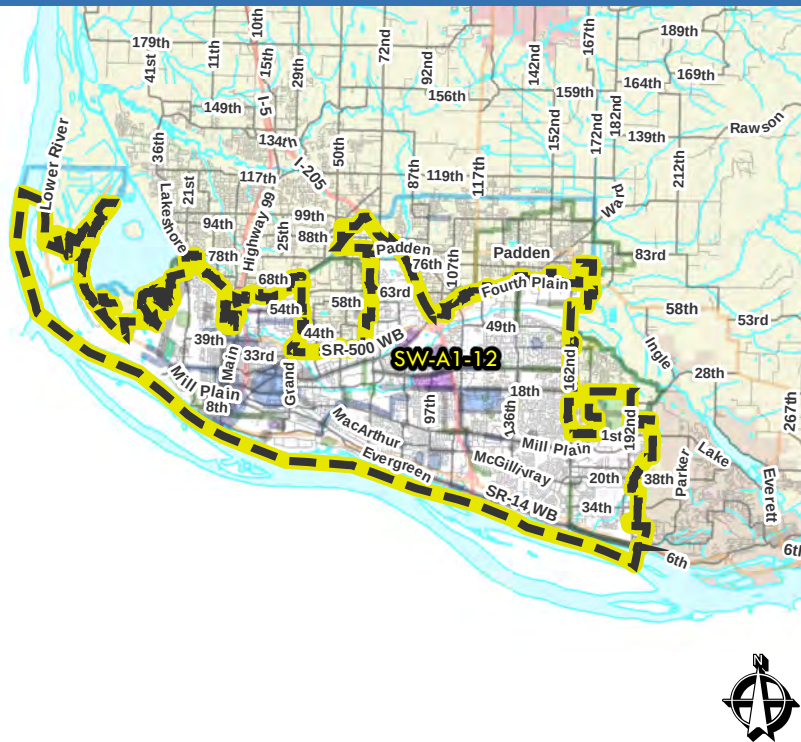
* 2018 Budget amounts include projected 2017 carry-forward
Shading for "2018 Budget" indicates projects not included in 6-year plan, but money expected to be spent in 2018



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: STORMWATER RETROFITS - DEMAND RESPONSE

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Surface Water
Project Type:	Emergency or Critical Demand
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

Ongoing fund for unanticipated projects which include: Roadway Coordination, Traffic Hazard/Property Threatening High Water, Slope Stability/Erosion Prevention, Tree Plantings, NPDES Permitting, and Surface Water Monitoring for Quality and Quantity.

Project Description / Comments

Coordination Projects with Public Works Operations, and other departments, to address items described above. Budgeted in the 443 Surfacewater Construction Fund. Recent projects include work at *Kiggins Bowl - installing new piping to redirect overland flow; and at * NE 18th St and NED 177th - upgrade Catch Basins and install new piping to reduce flooding hazard

LEGEND



VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. Task #: 083556

Total Project Cost: \$300,000.00

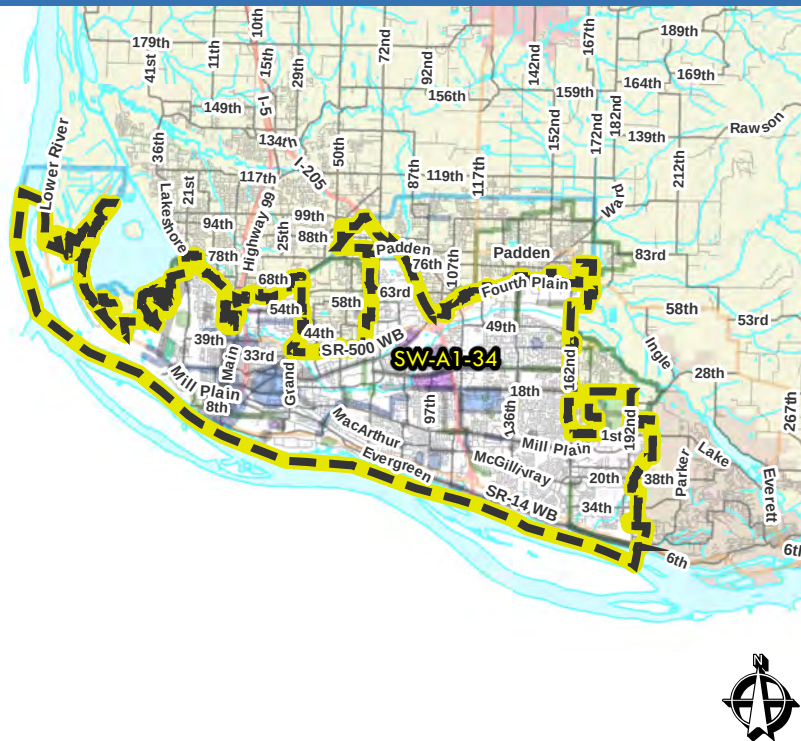
***Start of Const. (Year): 2017**



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: GREENWAY RESTORATION PROJECTS

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Surface Water

Project Type:

Regulatory Compliance

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

The primary goals for the Burnt Bridge Creek Greenway are to; improve water quality, enhance fish & wildlife habitat, control flooding, treat stormwater runoff, increase tree canopy.

Project Description / Comments

Budgeted in the 443 Surfacewater Construction Fund: The current list of specific projects includes; Royal Oaks is at the confluence of Burnt Bridge Creek and Petersen Channel, Peterson Channel just north of Oakbrook Park, NE 15th Avenue at a horseshoe bend in Burnt Bridge Creek, the completion of the Burnt Bridge Creek Greenway Master Plan, and Arnold Park (vicinity of NE 15th Ave) at St. Johns.

LEGEND



VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. Task #: 083631/632

Budget / Proj. Task #: 083631/632

Total Project Cost: \$1,700,000.00

***Start of Const. (Year):** 2023

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

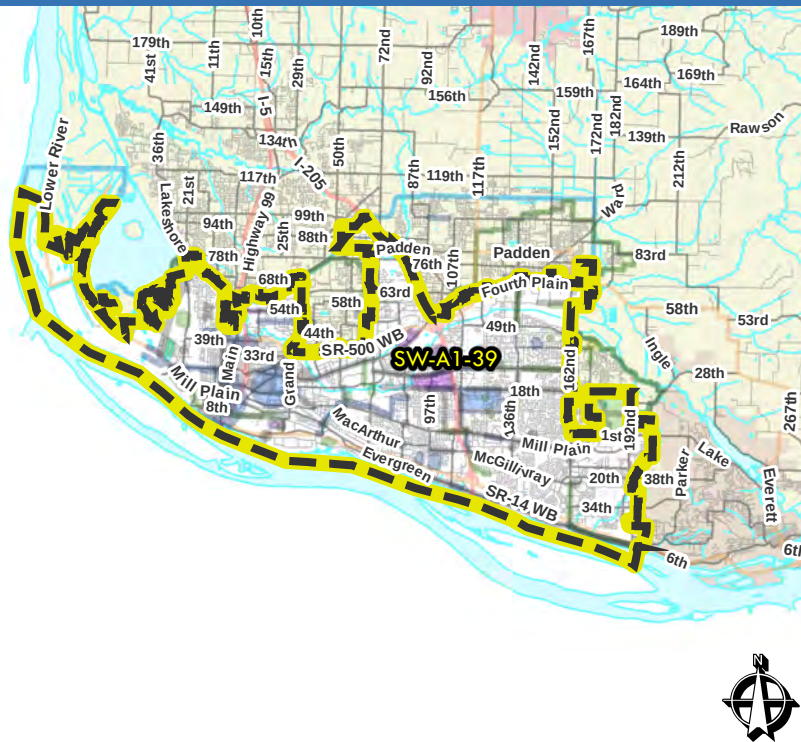
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: WATERSHED PLANNING

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:

Surface Water

Project Type:

Regulatory Compliance

Project Status:

Active

PROJECT DESCRIPTION

Project Justification / Priority

The Department of Ecology Underground Injection Control (UIC) Rules were implemented in 2007. The city has met these regulations. The next phase requires retrofit of UIC's, otherwise known as drywells, in areas close to groundwater.

Project Description / Comments

Watershed Planning is an ongoing program to monitor groundwater monitoring well data currently being collected, to determine required retrofits, thereby optimizing the number, type and costs for the UIC retrofit program. Current projects are: Shallow Groundwater Evaluation (2018) for \$25,000; NPDES/TMDL Watershed Health and Water Quality Monitoring for \$318K in 2019/20. Also funded Burton Channel Green Retrofit Basin Study and Design for additional \$189 in 2019, shown in detail in CIP# SW-40.

LEGEND



VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. Task #: 083525
 Budget / Proj. Task #: 083525
Total Project Cost: \$25,000.00
***Start of Const. (Year): 2018-2019**

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

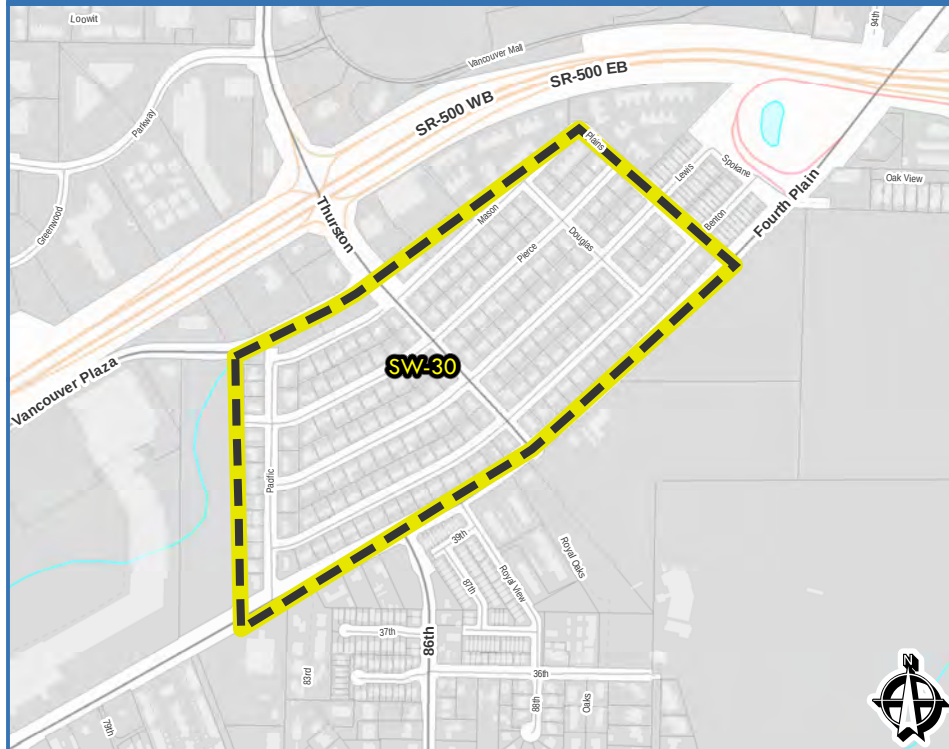
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: COUNTRY CLUB PHASE A AND PHASE B RETROFITS

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Surface Water
Project Type:	Ecology Retrofit Grant
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

This is an "Underground Injection Control Retrofit" project. Stormwater runoff is currently discharged untreated into drywells located throughout the subdivision. The shallow groundwater contributes base flow to Burnt Bridge Creek.

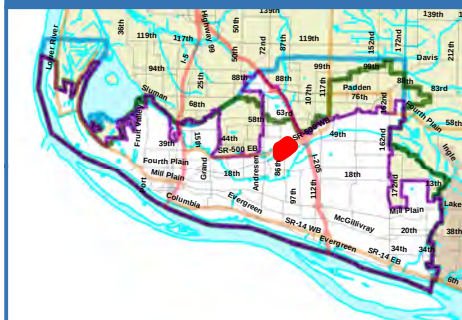
Project Description / Comments

Approximately 7.5 acres of impervious city road surfaces will be treated at Pierce and Douglas Way. This project will provide water quality treatment with the installation of bio-retention (rain gardens), which is a Low Impact Development methodology. The project was funded under an Ecology grant (\$47,000) for design only in 2014. Construction for Phase A will be funded by a 2015 grant (\$747,180). Phase B will install additional rain gardens for \$70K and is planned in 2024. Project is 75% grant funded by Ecology.

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

Budget / Proj. #:	300 Grants - State
Budget / Proj. Task #:	#083508/635
Total Project Cost:	\$750,000.00
*Start of Const. (Year):	2018

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

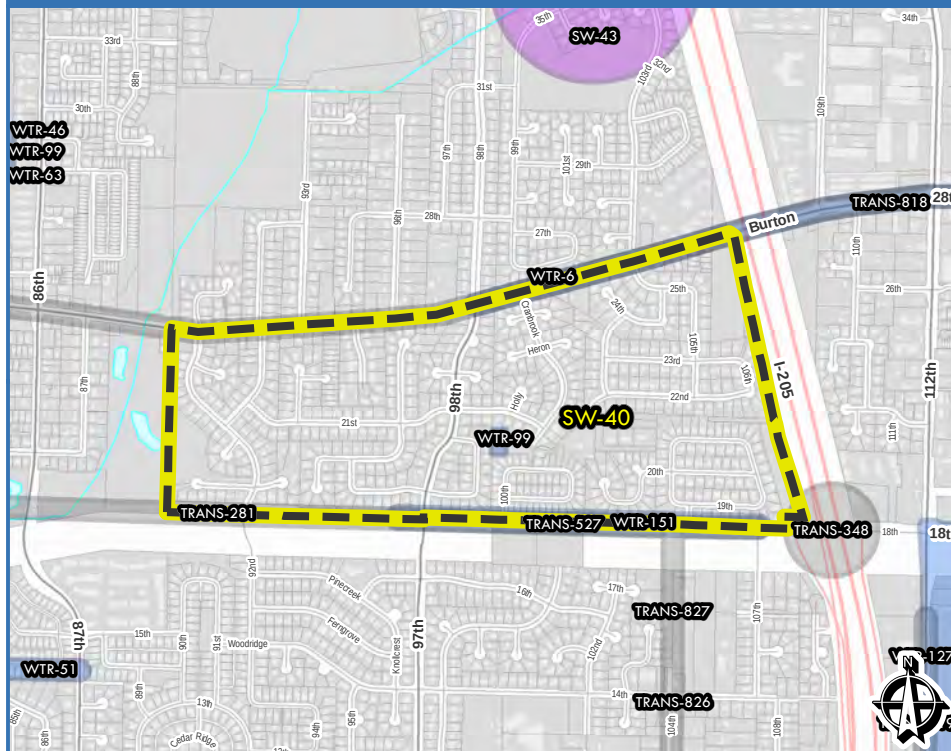
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: **BURTON CHANNEL LID RETROFIT PLANNING & DESIGN- (100% FUNDED BY ECOLOGY GRANT)**

PROJECT AREA MAP



LEGEND



PROJECT SUMMARY

Program/Discipline Type:	Surface Water
Project Type:	Ecology Retrofit Grant
Project Status:	On Hold

PROJECT DESCRIPTION

Project Justification / Priority

This is an "Underground Injection Control Retrofit" project. Stormwater runoff is currently discharged untreated into drywells located throughout the subdivision. The shallow groundwater contributes base flow to Burnt Bridge Creek.

Project Description / Comments

This Unfunded project for Burton Channel is on hold until we secure Ecology Grant funding. Funded project will result in designs for LID retrofit drainage improvements

VICINITY MAP

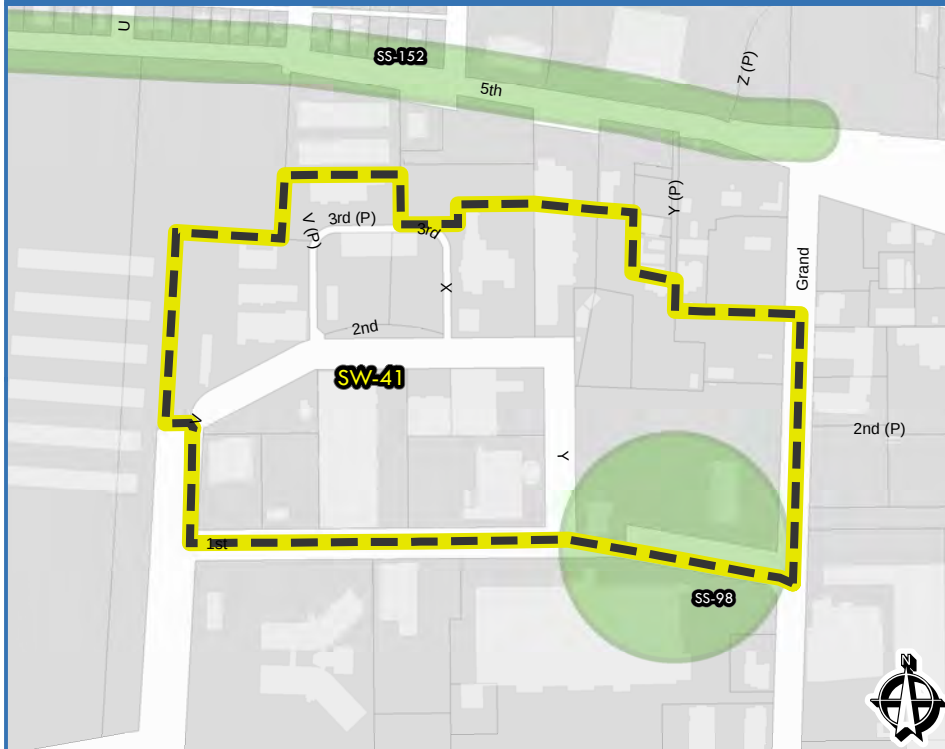




2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: LOWER GRAND AVE. INDUSTRIAL LID RETROFITS

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Surface Water
Project Type:	Ecology Retrofit Grant
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

Improve drainage by adding improvements to manage stormwater runoff. Project will install several improvements within the Lower Grand Industrial Area (SE 1st St and "Y" St)

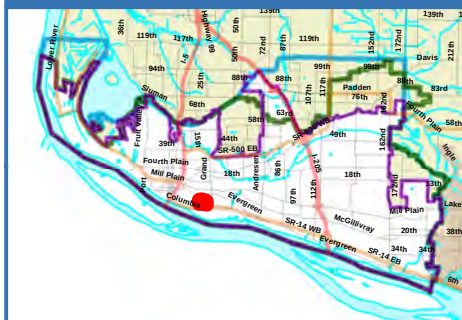
Project Description / Comments

This project (#083662 -75% Funded by Ecology grant) to construct Low Impact Development improvements in Lower Grand Industrial Area. This includes new sections of impervious pavement on new roads, and installation of vegetation bio-retention facilities. These Water Quality retrofits are needed to improve surface water and water quality treatment systems in the lower Grand Industrial Area, in the vicinity of SE 2nd St and "Y".

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

Budget / Proj. #:	300 Grants - State
Budget / Proj. Task #:	083662
Total Project Cost:	\$1,100,000.00
*Start of Const. (Year):	2018

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

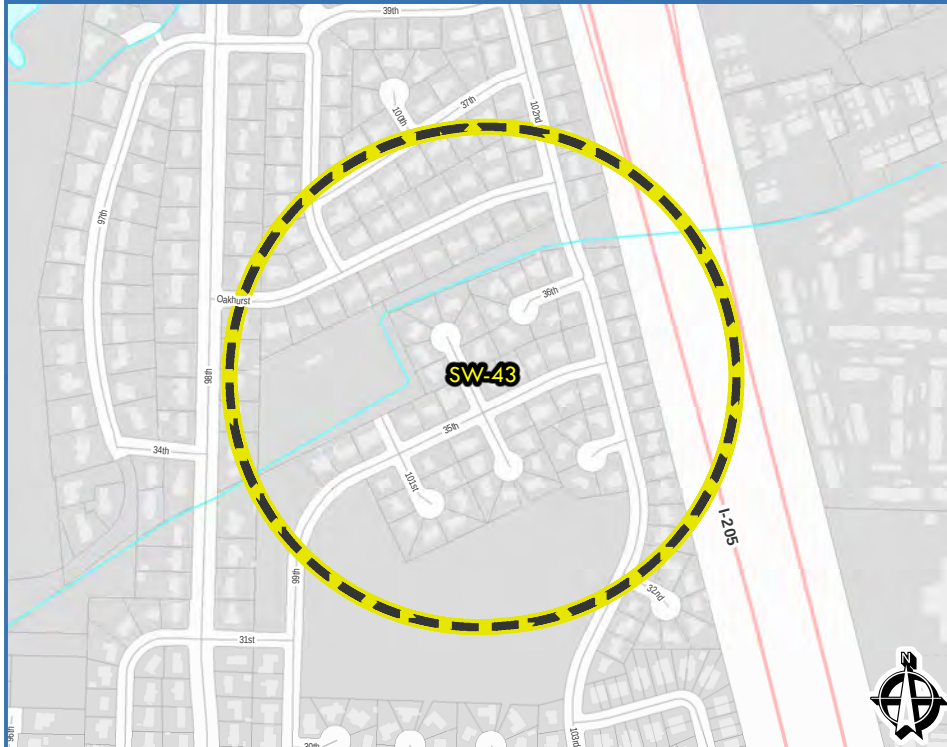
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: PHASE III PETERSON CHANNEL RETROFITS

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Surface Water
Project Type:	Ecology Retrofit Grant
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

Facility Retrofits for Peterson Channel - project is 75% funded by Ecology Grant

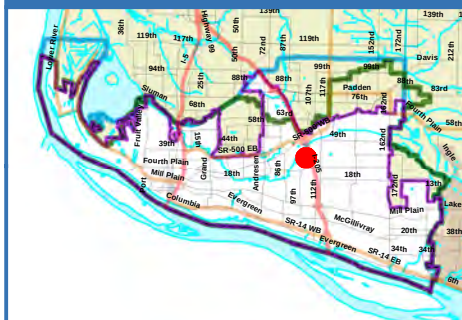
Project Description / Comments

Phase III Peterson Channel LID Stormwater improvement project follows grant funded Phases I & II in the Oakbrook neighborhood (Oakhurst and NE 103rd Ave). This project proposes an additional 14 bioretention facilities to expand capacity for water quality treatment, to a total of 42 bioretention facilities. It provides water quality benefits and supports the Ecology Total Maximum Daily Load (TMDL) study for Burnt Bridge Creek and Peterson Channel.

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

Budget / Proj. #:	300 Grants - State
Budget / Proj. Task #:	083504
Total Project Cost:	\$210,000.00
*Start of Const. (Year):	2018

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

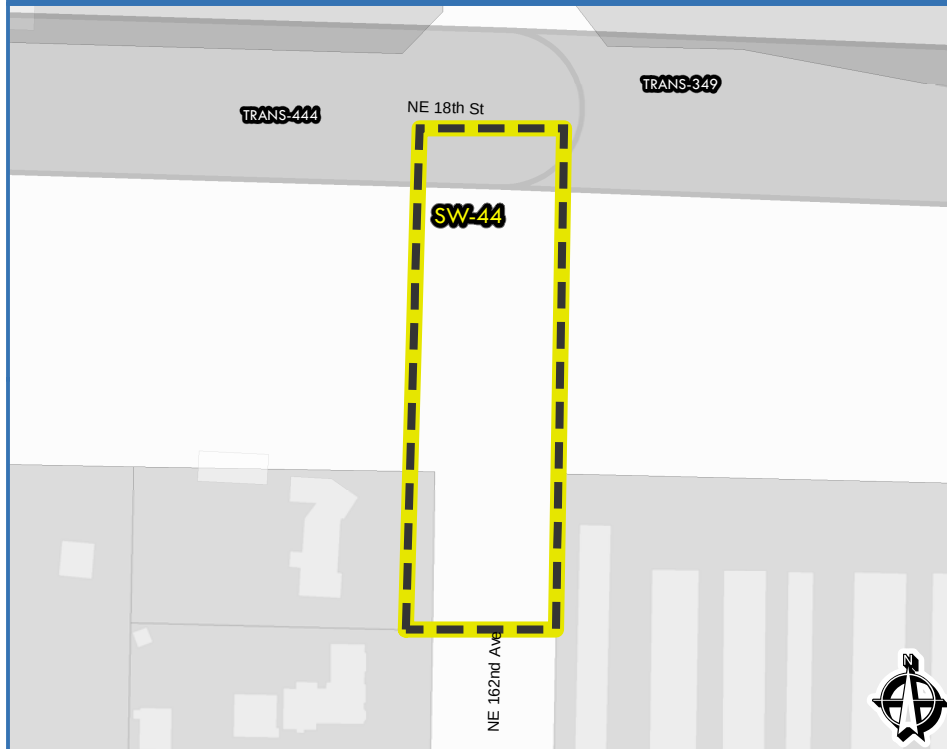
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: NE 162ND AVE WATER QUALITY IMPROVEMENTS

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Surface Water
Project Type:	Ecology Retrofit Grant
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

at NE 162nd Ave and NE 18th St - project is 75% grant funded by Ecology Grant

Project Description / Comments

Ecology has provided grant funding to install new facilities meeting current UIC standards. This project replaces the existing drywells that allow infiltration of untreated runoff. This project includes a new filter cartridge vault (for contaminant removal), along with a new trench and new drywells. These new facilities will fully treat the runoff from the contributing basin area by improving infiltration capacity and providing needed water quality treatment.

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

Budget / Proj. #:	300 Grants - State
Budget / Proj. Task #:	083506
Total Project Cost:	\$126,320.00
*Start of Const. (Year):	2018

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

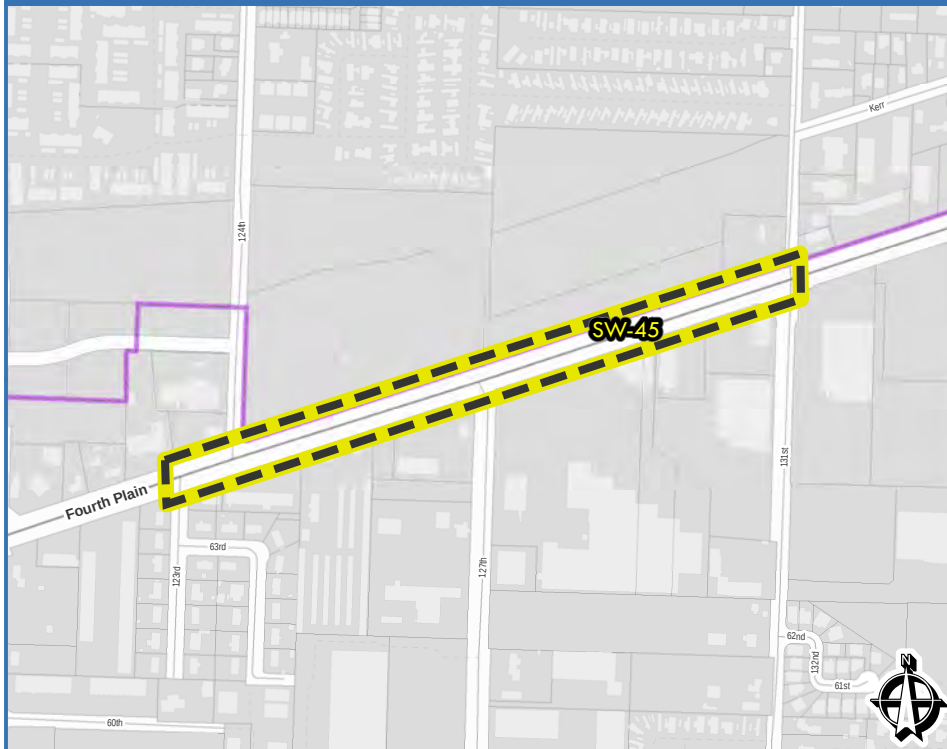
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: NE 4TH PLAIN (NE 123RD AVE TO NE 131ST AVE) WQ RETROFITS - NORTH & SOUTH SIDE

PROJECT AREA MAP



LEGEND



PROJECT SUMMARY

Program/Discipline Type:	Surface Water
Project Type:	Ecology Retrofit Grant
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

These Water Quality retrofits are needed to improve undersized drainage and water quality treatment systems in the NE 4th Plain corridor between NE 123rd Ave. to NE 131st Ave. North side and south side each funded by two separate Ecology Grants

Project Description / Comments

*North side NE 4th Plain (#083734) -project costs estimated at: \$ 41K Design, \$ 660K Construction; *South side (#083735) -NE 4th Plain project costs estimated at \$ 43K design and \$ 760K construction. Both projects total \$86K for design, and \$1.42M for construction. This is an Ecology grant funded project to retrofit the storm systems along the south half of NE Fourth Plain from 123rd to 131st Avenue. This project will construct 12 bio-retention facilities and Silva Cell storage units along the south half of the street, and 13 bio-retention facilities on the north side. Untreated stormwater runoff from this principal arterial road, infiltrates via drywells

VICINITY MAP



FUNDING & SCHEDULE

Budget / Proj. #:	300 Grants - State
Budget / Proj. Task #:	083733/734
Total Project Cost:	\$1,506,000.00
*Start of Const. (Year):	2019

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

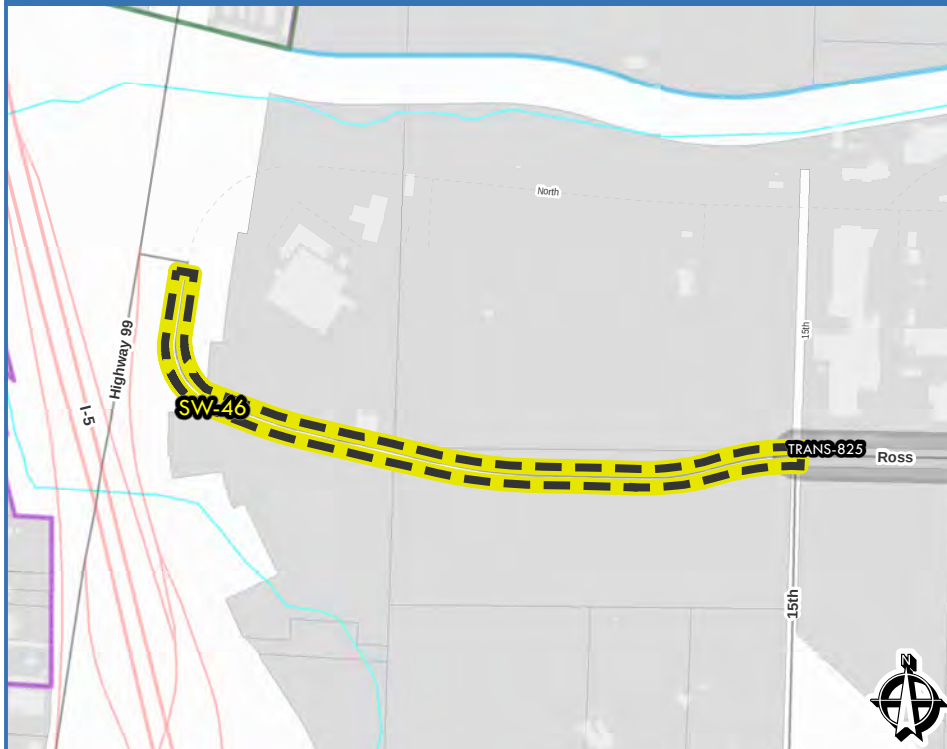
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: NE ROSS ST. LID RETROFITS

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Surface Water
Project Type:	Ecology Retrofit Grant
Project Status:	Active

PROJECT DESCRIPTION

Project Justification / Priority

These Water Quality retrofits are needed to improve surface water quality treatment systems in the NE Ross St corridor in the vicinity of NE 15th Ave.

Project Description / Comments

NE Ross St. is a city owned roadway that has a traditional storm drainage collection system with a series of inlets connected to an underground storm pipe. This collection system discharges directly to Burnt Bridge Creek which is a 303d listed stream. This stream has a TMDL under development for impairments of concern including fecal coliform, temperature, dissolved oxygen, and pH. This project will reduce pollutant discharges to the creek by disconnecting roadway runoff from the existing storm pipeline. New collection facilities will be built to convey this runoff to new flow control and treatment BMP facilities. Dry wells will be provided downstream of the

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

Budget / Proj. #:	300 Grants - State
Budget / Proj. Task #:	083686
Total Project Cost:	\$765,000.00
*Start of Const. (Year):	2020

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

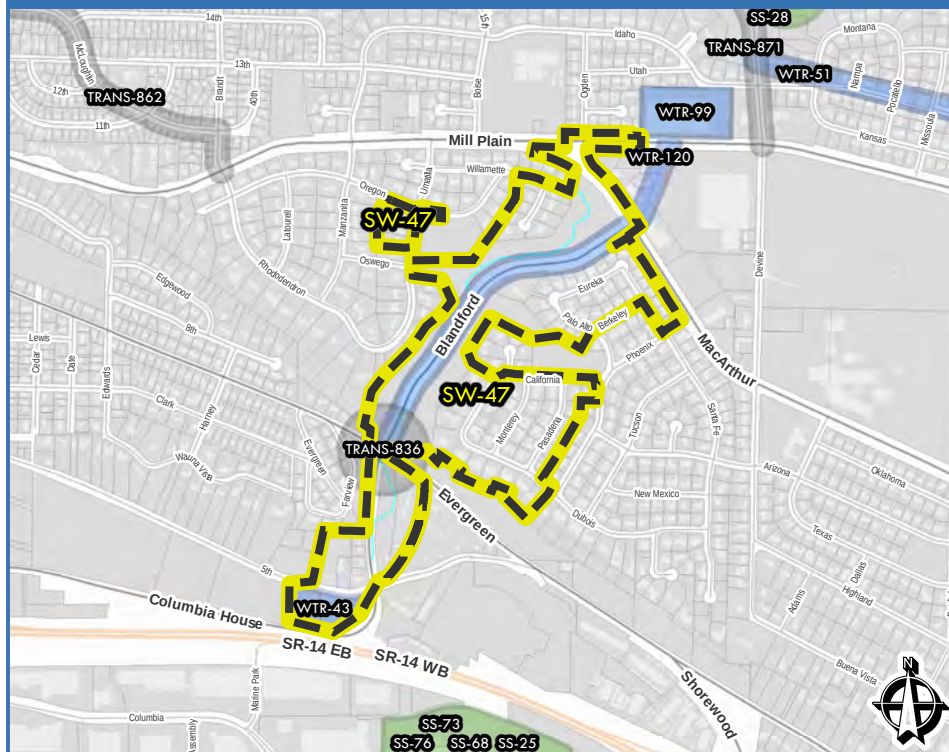
**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



2019 - 2024 PUBLIC WORKS CAPITAL IMPROVEMENT PROGRAM

PROJECT: BLANDFORD DRIVE SUBBASINS LID RETROFITS

PROJECT AREA MAP



LEGEND



PROJECT SUMMARY

Program/Discipline Type:	Surface Water
Project Type:	
Project Status:	Active

PROJECT DESCRIPTION

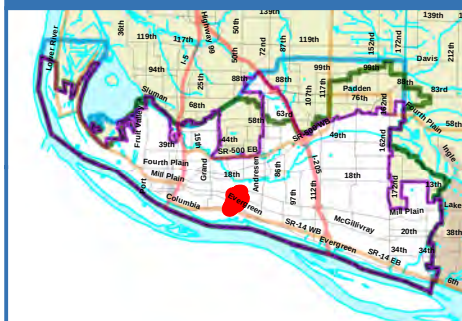
Project Justification / Priority

These Water Quality retrofits are needed to improve surface water quality treatment systems in the Blandford Drive Corridor, in the vicinity of Evergreen Blvd. This project is 75% funded by Ecology Grant.

Project Description / Comments

Blandford Drive is a city owned roadway between MacArthur Blvd and Columbia House Blvd. The canyon discharges to a low-lying area along Columbia House Blvd. which is privately owned and adjacent to a city drinking water well and water production facility. The City is responsible to responsibly manage the stormwater runoff within this the public right of way, and provide improved water quality benefits to the watershed. The city would like to retrofit the public right-of-way with LID Best Management Practices. This would include disconnecting roadway runoff from the existing storm pipelines, and install new collection and conveyance to

VICINITY MAP

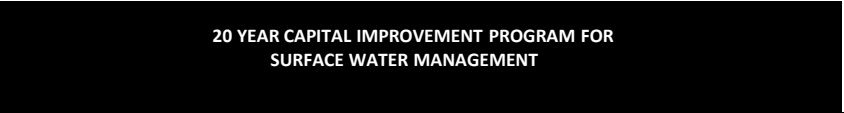


FUNDING & SCHEDULE

Budget / Proj. #	1083735 - GRANT FUNDED
Budget / Proj. Task #:	N/A
Total Project Cost:	\$3,059,900.00
*Start of Const. (Year):	2020

*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Transportation projects (TRANS-XXX) can be found in the 6 Year Transportation Improvement Plan (TIP) document.



Note: All costs are in 2018 dollars

PROJECT NAME	PROJECT #	CIP #	*2018 Budget	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	Totals
REGULATORY COMPLIANCE (RC)	083628	SW-A1-34																						0
Phase III Peterson Channel Residential LID Retrofits - Grant	083504	SW-43	201,185																					0
NE 162nd Ave WQ Treatments - Grant	083506	SW-44	126,320																					0
Country Club Phase A Retrofits - Grant	083508	SW-30	659,081																					0
Peterson Channel Greenway Restoration	083631	SW-A1-34						100,000	150,000	350,000														600,000
15th Ave East Greenway Restoration	083632	SW-A1-34						100,000	250,000	750,000														1,100,000
Country Club Village Phase B	083635	SW-30							35,000	35,000														70,000
Fourth Plain SR500-131st Ave	083636	SW-A1-11						750,000	750,000	750,000	750,000	750,000	750,000	750,000	750,000	750,000	750,000							7,500,000
Fourth Plain 131st Ave-162nd Ave	083637	SW-A1-11							750,000	750,000	750,000	750,000	750,000	750,000	750,000	750,000	750,000	750,000						7,500,000
UIC Retrofit Ph 1 - Water Quality Treatment	083638	SW-A1-11						100,000	250,000															350,000
UIC Retrofit Ph 2 - Decommission & WQ Treatment	083639	SW-A1-11								200,000	200,000													400,000
Lower Grand Industrial Area LID Retrofits - Grant	083662	SW-41	300,000	400,000	700,000																			1,100,000
NE Ross Street LID Retrofits - Grant	083686	SW-46	-		40,000	725,000																		765,000
Private Stormwater Facility Program - Grant	085100	N/A	40,000																					0
2017-2019 Stormwater Capacity Grant	085101	N/A	43,000																					0
East Orchards Fourth Plain Water Quality Retrofits - New Grant	083734	SW-45		43,000	230,000	530,000																		803,000
Expanded Private Stormwater Facility Inspection Program - New Grant	083731	SW-A1-23		131,000																				131,000
NE Fourth Plain (123rd-131st South) Water Quality Retrofits -New Grant	083733	SW-45		41,000	230,000	430,000																		701,000
Blandford Drive Subbasins LID Retrofits -New Grant	083735	SW-47			45,000	50,000	2,100,000																	2,195,000
Peterson Channel NE 112th Ave -NEW	N/A	SW-A1-11																						0
SE Mill Plain (139th - 164th) Water Quality Retrofits - NEW	N/A	N/A																						0
NE 54th Str & 49th Str - St Johns Stormfilters Retrofit - NEW	N/A	N/A																						0
Lower St James Bioretention Facilities- NEW	N/A	N/A																						0
NE 54th Str west of St James Bioretention Facilities - NEW	N/A	N/A																						0
North St Johns & St James Water Quality Retrofits - NEW	N/A	N/A																						0
NE 66th Ave Bioretention Facilities- NEW	N/A	N/A																						0
NE 62nd Ave Stormfilters Retrofit - NEW	N/A	N/A																						0
NE 57th Ave Bioretention Facilities - NEW	N/A	N/A																						0
Stapleton Water Quality Retrofit - NEW	N/A	N/A																						0
General Anderson Water Quality Retrofit - NEW	N/A	N/A																						0
NE 49th St-St James Water Quality Retrofit - NEW	N/A	N/A																						0
NE 52nd St-St James Stormfilters Retrofit - NEW	N/A	N/A																						0
																								0
WP - WATERSHED PLANNING (WP)	083673	SW-A1-39						100,000	100,000															200,000
Burton Channel Green Retrofit-Basin Study and Design - Grant	083512	SW-40	129,556	189,000																				189,000
Shallow Groundwater Evaluation	083525	SW-A1-39	25,000																					0
Linda Lane/Central 4th Plain Stormwater Quality	083633	SW-A1-35						50,000	75,000	75,000														200,000
51st St Pump Station Basin Study & Design	083671	N/A																						0
Pump Station Retrofits - FV, LaH, 162, CR	083672	N/A																						0
Columbia Slope Study - NEW	N/A	N/A																						0
NPDES/TMDL Watershed Health & Water Quality Monitoring - NEW	N/A	SW-A1-39		168,000	150,000																			318,000
UIC Water Quality Retrofit Planning - NEW	N/A	N/A																						0
Outfall Assessments - TMDL Program - NEW	N/A	N/A																						0
Greenway (Andresen & Ogden Pond) - NEW	N/A	N/A																						0
Peterson Channel - NEW	N/A	N/A																						0
Arnold Park - NEW	N/A	N/A																						0
West Central Outfalls - NEW	N/A	N/A																						0
Fruit Valley Neighborhood - NEW	N/A	N/A																						0
Section 30 -NEW	N/A	N/A																						0
Headache Creek - NEW	N/A	N/A																						0
SS - SUB-STANDARD SYSTEMS (SS)	083661	SW-A1-24/36/37						200,000	200,000															400,000
Mill Plain & 184th Ave	083095-14	SW-A1-24	359,653																					0
Fruit Valley Rd	083642	SW-A1-24	30,000																					0
Mill Plain & 164th Ave	083644	SW-A1-24						250,000																250,000
Mill Plain at Hearthwood & Olympia	083645	SW-A1-24						200,000																200,000
Mill Plain & 155th Ave	083646	SW-A1-24								350,000	350,000													700,000
164th Ave Median Swale Retrofit	083647	SW-A1-24	148,550					35,000	50,000															85,000
Primrose Court DS#105	083655	SW-A1-36	23,000																					0
Brickhaven (NE 146th Ave & 42nd St)	083656	N/A																						0
Tiffany Meadows (SE 169th & 17th St)	083657	SW-A1-36						31,000																31,000
Creekside Meadows III (NE 124th Ct & 47th St)	083658	SW-A1-36						27,000																27,000

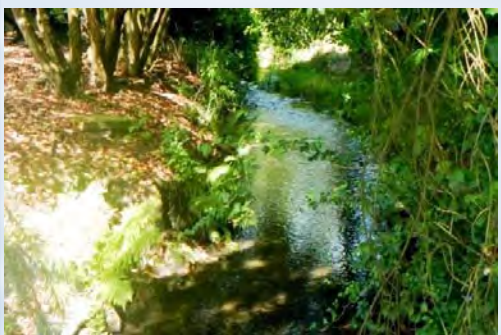
Kristi Lane (NE 35th Cir & 119th Ave)	083659	SW-A1-36							45,000	45,000														90,000
Oak Run (NE Fourth Plain & Plains Way)	083660	N/A																						0
Mill Creek Culvert	083663	SW-A1-37	594,309																					0
Chelsea Culvert	083664	SW-A1-37	245,000																					0
Fisher's Creek Culvert	083665	SW-A1-37						35,000	125,000															160,000
SE 17th Street Outfall	083666	SW-A1-36				125,000																		125,000
NE 32nd Street UIC Retrofit	083668	N/A																						0
McGillivray Blvd west of SE 164th Ave - NEW	N/A	N/A																						0
NE 141st Ave south of BPA - NEW	N/A	N/A																						0
Culvert Repair/Replacement - NEW	N/A	N/A																						0
Columbia Way at CBC Retrofit Separation - NEW	N/A	N/A																						0
NW Walnut & 33rd Ditch Retrofit - NEW	N/A	N/A																						0
Ports View Conveyance & Water Quality Retrofit - NEW	N/A	N/A																						0
CP - COORDINATION PROJECTS (CP)	083649	SW-A1-21						50,000	50,000															100,000
PA - PROPERTY ACQUISITIONS-Flood Plain, Habitat, Wetlands (PA)	083650	SWA1-20						200,000	200,000															400,000
NE 51st St Sump Basin (2.5 Ac =\$170,000)	083651	SW-A1-20						170,000																170,000
NE 15th Ave Wetlands (11 AC =\$405,000)	083652	SW-A1-20						405,000	405,000															810,000
BBC Greenway (23 Ac =\$250,000)	083653	N/A																						0
Alki Basin (\$150,000)	083654	N/A																						0
WSDOT FEE PROJECTS (WSDOT)	083154	SW-A1-5	16,299	234,000	234,000	234,000	234,000	234,000	234,000															1,404,000
Peterson Channel Vegetation	083154-08	SW-A1-5	5,015																					0
SR14 Exit 1 Vegetation	083154-09	SW-A1-5	5,721																					0
Ellsworth Vegetation	083154-11	SW-A1-5	5,000																					0
I-5 Leverich East Slope Vegetation	083154-13	SW-A1-5	17,460																					0
SR500 Andresen Islands Vegetation	083154-14	SW-A1-5	17,670																					0
SR500 to I-205 Vegetation	083154-16	SW-A1-5	92,211																					0
SR500 & St Johns Vegetation	083154-17	SW-A1-5	27,491																					0
SR14 & 164th Ave Vegetation	083154-18	SW-A1-5	4,324																					0
SR500 & 39th St Vegetation	083154-19	SW-A1-5	9,594																					0
Orchards UIC Study	083154-21	SW-A1-5	101,373																					0
112th Ave & I-205 Revegetation	083154-22	SW-A1-5	40,000																					0
DR - STORMWATER DEMAND RESPONSE (DR)	083356	SW-A1-12	150,000	50,000	50,000	50,000	50,000	50,000	50,000															300,000
Kiggins Bowl	083356-04	SW-A1-12																						0
Quad/Blandford	083356-05	SW-A1-12																						0
Infiltration Testing	083356-06	SW-A1-12																						0
Stormwater Demand Response (DR) - To be Retired/Closed when project is completed	083674	SW-A1-12	520,192																					0
18th St & 177th Ave	083674-02	SW-A1-12																						0
W. 22nd St. & Thompson	083674-03	SW-A1-12																						0
F Street	083674-04	SW-A1-12																						0
CIP Subtotal Planned Projects			3,937,004	1,256,000	1,679,000	2,144,000	2,384,000	3,087,000	3,719,000	3,305,000	2,050,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	750,000	-	29,374,000

Grant Funding (Estimated):																								
PROJECT NAME	PROJECT #	CIP #	2018 Budget	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	Totals
REGULATORY COMPLIANCE																								
RC - Phase III Peterson Channel Residential LID Retrofits	083504	SW-43	(150,889)																					0
RC - NE 162nd Ave WQ Treatments	083506	SW-44	(94,740)																					0
RC - Country Club Phase A Retrofits	083508	SW-30	(494,311)																					0
RC - Lower Grand Industrial Area LID Retrofits	083662	SW-41		(300,000)	(525,000)																			-825,000
RC - NE Ross Street LID Retrofits	083686	SW-46			(30,000)	(543,750)																		-573,750
RC - Private Stormwater Facility Program (100% Reimbursement)	085100	N/A	(40,000)																					0
RC - 2017-2019 Stormwater Capacity Grant (100% Reimbursement)	085101	N/A	(43,000)																					0
RC - East Orchards Fourth Plain Water Quality Retrofits	New Grant	SW-45		(30,750)	(172,500)	(322,500)																		-525,750
RC - Expanded Private Stormwater Facility Inspection Program	New Grant	N/A		(98,250)																				-98,250
RC - NE Fourth Plain (123rd-131st South) Water Quality Retrofits (100% Reimbursement)	New Grant	SW-45		(41,000)	(230,000)	(430,000)																		-701,000
RC - Blandford Drive Subbasins LID Retrofits	New Grant	SW-47			(33,750)	(37,500)	(1,575,000)																	-1,646,250
WATERSHED PLANNING																								
WP - Burton Channel Green Retrofit-Basin Study and Design (100% Reimbursement)	083512	SW-A1-39	(129,556)	(189,000)																				-189,000
TOTAL Ecology Reimbursed (75% or 100% as noted))			(952,496)	(659,000)	(991,250)	(1,333,750)	(1,575,000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(4,559,000)
Net Estimated Cost of Projects			2,984,509	597,000	687,750	810,250	809,000	3,087,000	3,719,000	3,305,000	2,050,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	750,000	-	-	24,815,000

* 2018 Budget amounts include projected 2017 carry-forward
 Shading for "2018 Budget" indicates projects not included in 6-year plan, but money expected to be spent in 2018

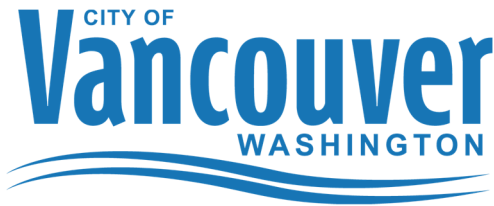


For additional information see:
www.cityofvancouver.us/utilitycip



To request other formats, please contact:

Vancouver Public Works
360-487-7130 | TTY: 360-487-8602



Memorandum

DATE: September 17, 2018

TO: Mayor and City Council

FROM: Bryan Snodgrass, Principal Planner, Community and Economic Development Department

RE: October 1 work session review of potential zoning code changes to further housing choice and affordability

CC: Eric Holmes, City Manager

Background

The October 1 work session is intended as an opportunity for general Council discussion on potential zoning code changes designed to increase housing options in response and continue to implement recommendations of the Vancouver Affordable Housing Task Force (AHTF). Three areas of change have been identified by staff, and are in various stages of development. The first, a limited allowance for affordable housing projects in commercial areas, is currently under review by the Planning Commission and is scheduled for Council review along with other unrelated 2018 zoning code changes at a November 5 work session and December 3 hearing. Other housing options are presented here for initial Council feedback and direction only, with no further work completed and no future actions scheduled at this time. Following Council direction, staff anticipates a public engagement process associated with these changes, and, given various levels of complexity, different timelines for updating various standards. Staff contact is Bryan Snodgrass, bryan.snodgrass@cityofvancouver.us, (360) 487-7946.

The Affordable Housing Task Force was convened in 2015 to examine policy options for protecting renters, increasing affordable housing supplies, and develop regional long term affordable housing solutions. Several AHTF recommendations have already been implemented, including strengthening of the Multi-Family Tax Exemption (MFTE) program, increased flexibility for ADUs, and creation of an Affordable Housing Fund following the City Council declaration of an affordable housing emergency and local voter approval of Proposition 1 in 2016. Countywide rental vacancy rates have stabilized at 5.5% recently in comparison to 2% in 2015¹, but costs remain out of reach for many. Median rent for 2-bedroom units have increased from \$976 to \$1,437 over the past four years, and more than 17,000 Vancouver renter households remain cost burdened, having to spend more than 30% of their income on housing.² The median Vancouver home value in August 2018 was reported at \$310,000, up 8% over the past year.³ The need described in the AHTF [report](#) for encouraging housing affordability and diversity through innovative regulation remains.

¹ Q1 2018 Colliers International Multifamily Market Report (no longer provides City of Vancouver vacancy rates)

² Rent Jungle and 2016 American Community Survey 5-Year Estimates

³ Zillow

Potential Additional Regulatory Options

Affordable housing projects in commercial zones

Since 2004, the City of Vancouver Municipal Code has permitted affordable or market rate housing projects in commercial as well as residential zones, if they are part of a mixed use project including at least some commercial uses. In single mixed use buildings in commercial zones, half of the lineal frontage of the ground floor is required to be devoted to commercial uses. In a multiple building mixed use site, 20% of the total square footage must be commercial. Non-governmental affordable housing providers have indicated difficulty meeting the commercial requirement, and a recent development proposal from Housing Initiative, LLC, to locate a 46-unit project in the Community Commercial zone at 6317 Fourth Plain, has brought the issue to the forefront.

The Vancouver AHTF [report](#) recommends waiving the ground floor commercial requirement for affordable projects in commercial zones. In addition, the Fourth Plain Corridor [Subarea Plan \(2007\)](#) recommended revising commercial zoning to permit residential uses directly on the corridor. Staff has developed proposed code changes allowing affordable housing projects in commercial zones other than the Neighborhood Commercial district, where at least 40% of the units are affordable to persons or households earning 60% or less of Area Median Income, or otherwise meet state Low Income Tax Credit eligibility requirements. Proposals must also be located within 1000 feet of a Bus Rapid Transit corridor, and agree to maintain the affordability threshold for at least 30 years.

The intent of the standards is to modestly expand locational options for affordable housing into areas generally containing needed services for low income households, particularly transit. The required affordability threshold and geographic limitations are intended to conserve commercial land supplies, which are important to maintain as part of the long-term economic development of the City, but are currently not developing particularly rapidly citywide. The proposed standards were reviewed by the Planning Commission at August 28 and September 11 work sessions along with other unrelated code changes, and are scheduled for Planning Commission public hearing review on September 25. The Council is scheduled to review this and other code changes at a work session on November 5, and at a public hearing on December 3.

New low and high density residential zoning districts

As suggested by the attached draft table, Vancouver baseline zoning districts have not kept pace with comparable jurisdictions in terms of options for denser single or multi-family development. Vancouver's most dense single family district is the R-9 zone, which allows lots averaging 5,000 square feet. Smaller lots can be created through special processes, but all have significant limitations.

For example, infill standards under VMC 20.920 are limited to division of small remnant parcels of 2.5 acres or less. Planned Developments under VMC 202.60 allow larger developments, but only with common open space, innovative site design, and other components. Vancouver multi-family zoning districts allow for single family detached units if minimum multi-family densities are met, but that requires rezoning or use of existing multi-family land. Multi-family zone minimum densities also effectively mean only the very smallest single family lots could be constructed; in the least dense R-18 zone, lots could not average more than 3,630 square feet. A new single family zoning district

allowing for lots in the 3,000 to 5,000 square foot range would provide a viable option for smaller lot developments, comparable to what other comparable jurisdictions already allow.

Vancouver's most dense multi-family zone is the R-35 district, which allows 35 units per acre, but no property currently has this designation (e.g. the district is authorized by VMC Title 20, but not mapped). Clark County has an R-43 zone, applied to approximately 150 acres in properties on either side of I-5 south of 99th Street. The extent of current demand for higher density multi-family zoning is unclear, as there have been inquiries but no requests for rezones to the existing R-35 district, or for creation of a higher density options. However, this may reflect the fact that higher densities are already allowed in the downtown City Center CX and Waterfront WX zones, and in other commercial zones as part of mixed-use buildings.

Staff recommends that standards be adopted for both single and multi-family districts before any mapping of those districts, allowing for future private or City initiated proposals to use the rezone process for designation of any specific sites.

Limited expansion of housing type options in single family zones

Single family zoning accounts for more than 17,000 acres in Vancouver, approximately five times the size of all of the multi-family zones, and slightly more than all multi-family, commercial and industrial zones combined. Allowing modest levels of housing diversity where appropriate in these areas could augment multi-family districts in accommodating growth.

The Vancouver [Comprehensive Plan](#) (Policy CD- 3) calls for conversion and redevelopment of existing properties where compatible, not just infill of undeveloped areas. The Affordable Housing Task Force (AHTF) [report](#) recommendations include allowing and promoting corner lot duplexes and ADUs. Changes to ADU standards in 2017 have resulted in modest increases in their production. Further steps could include allowing new or converted low density multifamily housing in single family zones under some circumstances. Potential standards could range from more to less restrictive as follows:

- Housing type allowed: Duplexes converted from existing single family home/new duplexes/triplexes/townhomes
- Potential eligible zones: Targeted areas/Denser single family districts citywide/All single family districts citywide
- Potential eligible locations: Corner lots only/lots abutting multi-family or non-residential districts/all single family zoned lots
- Potential parking requirements: Provide off-street parking/demonstrate adequate on-street parking in front of site/no additional parking requirements
- Potential design requirements: Require broadly similar appearance to single family homes/establish height limits only/no additional requirements
- Review process: Require conditional use permit/require advance notice to abutting properties/no additional requirements

Additionally, other Washington jurisdictions ranging from Olympia to Seattle are currently exploring options for expanding allowing attached (versus only detached) housing in low density residential districts. As with ADUs, allowing limited additional housing types in single family zones is likely to be

a supporting rather than lead measure in facilitating housing choice and affordability, but like ADUs also can provide opportunities for more dispersed wealth-building, as well as aging-in-place. A thorough neighborhood and stakeholder engagement process would be required to consider options.

Pending Council direction at the worksession, in early 2019 staff anticipates bringing forward proposed new single and multi-family zoning district standards at Planning Commission and Council workshops and public hearings. A potential work plan for addressing flexibility in single family zones could also be brought forward for Council workshop consideration at this time.

Draft outline of comparable jurisdiction standards

Jurisdiction	Minimum lot size (sf)		Scale of zone	Duplexes allowed?
	SFH	MF		
Battle Ground	3,000 (R7)	2,000 (R10+)	Mostly zoned for SFH	On corner lots (R5, R7) and in R10, R16, R20
Bellevue	4,700 (R7.5)	8,500 (R10+)	Mostly zoned for low-density SFH	Not in SFH zones
Camas	6,000 (R-6)	2,100 (MF-18)	Very little zoned denser than R-7.5	Not in SFH zones
Clark County	5,000 (R1-5)	4,000 (R-12+); duplexes 1,000–2,800	Fairly large extent of R1-5	SFH R1-5 and R1-6; and in MF
Gresham	n/a	7,200	Mostly low-density and transition residential	Allowed in Transit Low Density Res. (TLDR) and Moderate Density Res. (MDR-12, MDR-24); and on corner lots in Transition Res. (TR)
Kent	4,000 (SR-8)	8,000	Mostly zoned SR-6	In SR-4.5, SR-6, SR-8, and MR-D
Olympia	2,000	1,600	Significant area of two-family res. Zone	All res. zones except R-4 and R-8
Portland	2,400/3,000 (R5); 1,600 (R2.5)	n/a	Mostly R5	In R-2.5; in other SFH zones on corners and transitional lots
Spokane	4,350 (RSF, RTF)	2,500	Mostly zoned for SFH, small 2-family zones	In Residential Two-Family (RTF) and multi-family zones
Tacoma	4,500 (R-2)	2,500	Mostly zoned for SFH	Not in SFH zones

Potential zoning code changes to increase housing options

VANCOUVER
CITY HALL

CITY OF
Vancouver
WASHINGTON

October 1, 2018

Vancouver City Council Workshop

Bryan Snodgrass, Principal Planner

Community and Economic Development Department

Presentation overview

- Housing costs snapshot
- Related affordable housing initiatives to date
- Overview of potential code changes to increase housing inventory
- Questions and discussion
- Next steps

Current housing costs snapshot

- Countywide rental vacancy rate: 5.5% (up from 2% in 2015)
- Median rent for 2-bedroom unit: \$1,437 (up from \$976 in 2014).
- Housing cost burdened households: 17,000
- Median home value: \$310,000 (up 8% in the past year)



Affordable housing initiatives

- Council has adopted several Affordable Housing Task Force recommendations :
 - Creation of an Affordable Housing Fund
 - Strengthening the Multi-Family Tax Exemption program
 - Increasing flexibility for ADUs



Code changes to increase housing options

Potential zoning changes for discussion:

1. Affordable housing projects in commercial zones
2. New low- and high- density residential zoning districts
3. Some additional flexibility for housing type options in single family zones



Affordable housing projects in commercial zones

- Current: Market or affordable housing projects allowing in commercial zones if part of a mixed-use project that includes non-residential uses.
- Proposal: Waiving the ground floor commercial requirement for affordable housing projects in commercial zones under certain circumstances. Planning Commission hearing September 25.



Zoning changes to increase housing options - 6

New low- and high- density residential districts

Single-Family Districts

- Current: Densest Vancouver zone allows lots no smaller than 5,000 sq. ft. (R-9).
- Potential: Create new single-family zone standards allowing approximately 3,000 - 5,000 sq. ft. lots. Apply through future rezone process.



New low- and high- density residential districts

Multi-Family Districts

- Current: Densest Vancouver zone allows up to 35 units per acre (R-35).
- Potential: Create new multi-family zone standards allowing approximately 45 units per acre. Apply through future rezone process.



Additional flexibility in single family zones

- Current: Single family zones, which cover as much land citywide as all other development zones combined, effectively restrict new development to single family homes, and ADUs.
- Potential: In certain conditions, allow some new or converted duplexes or other residential uses



Code changes to increase housing options

Other Washington jurisdictions, from Olympia to Seattle, are currently exploring options for expansion of housing types allowed in low density residential districts.



Next steps

- **Affordable housing projects in commercial areas** – reviewed along with other 2018 Comprehensive Plan and zoning changes – Council workshop November 5, public hearing December 3.
- **Potential new single and multi-family zoning districts** – develop proposed standards and outreach. Council workshop and hearings in early 2019.
- **Potential added flexibility in single-family zones** - pending Council direction, develop workplan and project parameters for Council workshop review in 2019.

Questions and Discussion

VANCOUVER
CITY HALL

Bryan Snodgrass, Principal Planner
Community and Economic Development Department
bryan.snodgrass@cityofvancouver.us, 360-487-7946





Staff Report 146-18

TO: Mayor and City Council

FROM: Eric Holmes, City Manager

DATE: 10/1/2018

SUBJECT 2018 Joint Agency Slurry Seal Project - Construction Acceptance

Key Points

- The City maintains approximately 1,875 lane miles of streets in its system.
- The City annual resurfacing and preventive maintenance contracts are the primary way curb-to-curb work is done on City streets.
- Streets receiving pavement preservation were restriped.
- Construction began in early August 2018 and was completed by the end of August 2018.

Strategic Plan Alignment

Goal 1, Objective 1.2: Ensure our infrastructure, including buildings and utilities, is safe, environmentally responsible and well maintained.

Present Situation

The project applied approximately 290,000 square yards, or 42 lane miles, of latex-modified slurry seal to various streets throughout Vancouver as part of the City's preventive maintenance program to extend the life of the pavement and minimize maintenance costs.

The work was completed satisfactorily in accordance with the plans and specifications. Contract costs are summarized below:

TOTAL CONTRACT COSTS

Labor, Equipment and Material	\$397,494.67
Sales Tax	\$0
Total	\$397,494.67
Retainage	\$19,874.73

The original contract amount was \$412,180.00. The reduction in contract value is attributed to under-running the bid item for flagging hours and the removal of several streets from the contract. After

contract award, several streets were removed from the contract due to conflicts with upcoming utility projects.

Advantage(s)

1. Completes the City's contractual and statutory process for accepting the project.
2. Formal project acceptance allows for closure on third-party bond claims and facilitates release of the Contractor's retainage.

Disadvantage(s)

None

Budget Impact

The project is funded through the Pavement Management Program in the Street Fund.

Prior Council Review

Award of construction contract for the 2018 Joint Agency Slurry Seal Project on June 4, 2018.

Action Requested

On October 1, 2018, accept the 2018 Joint Agency Slurry Seal Project as constructed by Blackline, Inc, of Vancouver, Washington, and authorize release of retainage in the amount of \$19,874.73, subject to receipt of all documentation required by law.

Nicollette Roth, Civil Engineer, 487-7763



Staff Report 147-18

TO: Mayor and City Council

FROM: Eric Holmes, City Manager

DATE: 10/1/2018

SUBJECT Construction Acceptance of the Biddle Way Trunk E3A Re-Alignment Project

Key Points

- The project installed more than 900 linear feet of 12-inch gravity sewer.
- Deteriorating concrete sewers have been replaced with new PVC pipe.
- Staff proposes awarding construction acceptance and release of the retainage.

Strategic Plan Alignment

Goal 1, Objective 1.2: Ensure our infrastructure, including buildings and utilities, is safe, environmentally responsible and well maintained.

Present Situation

Halme Excavating of Battle Ground, Washington, has completed construction of the Biddle Way Trunk E3A project. The project has provided new PVC sewers to replace the deteriorating concrete mains in a section of the E3A Trunk sewer north of Evergreen Highway along SE Biddle Way.

The work was completed satisfactorily in accordance with the plans and specifications. Contract costs are summarized below:

Total Contract Costs	
Labor, Equipment and Material	\$310,910.46
Sales Tax	\$26,116.48
Total	\$337,026.94
Retainage	\$15,545.52

The original contract amount, including sales tax, was \$344,327.18. The final project cost was \$337,026.94, which was \$7,300.24 (approx. 2%) less than the original contracted amount. The

difference between original contract amount and final contract amount can be attributed to the typical variances in unit prices and/or quantities commonly encountered during construction.

Advantage(s)

1. Provides reliable sanitary sewer conveyance.
2. Reduces risk by eliminating deteriorating pipe.
3. Completes the City's contractual and statutory process for accepting the project.
4. Formal project acceptance allows for closure on third-party bond claims and facilitates release of the Contractor's retainage bond.

Disadvantage(s)

None.

Budget Impact

None. Funds for this project are appropriated in the Sewer Construction Fund, in the 2017-2018 Budget via project number 083520

Prior Council Review

- Approval of the 2017-2018 Capital Improvement Budget
- Award of contract at the September 18, 2017, Vancouver City Council Meeting

Action Requested

On October 1, 2018, accept the facilities as constructed by Halme Excavating of Battle Ground, Washington, and authorize release of the retainage in the amount of \$15,545.52 subject to receipt of all documentation required by law.

Sheryl Hale, Senior Engineering Supervisor, 487-7151

ATTACHMENTS:

- Biddle Way Trunk E3A Project Boundary Map





Staff Report 148-18

TO: Mayor and City Council

FROM: Eric Holmes, City Manager

DATE: 10/1/2018

SUBJECT Cement Lined Zinc Coated Ductile Iron Water Pipe, Gaskets and Fittings Bid Award

Key Points

- Cement-lined zinc-coated ductile iron water pipe, gaskets and fittings are used regularly on capital projects and to repair the City's water system
- A five-year material supply contract ensures parts are readily available at a competitively bid cost
- Three quotes were received on September 4, 2018

Strategic Plan Alignment

Objective 1.2: Ensure our infrastructure, including buildings and utilities, is safe, environmentally responsible and well maintained

Present Situation

The public works department regularly uses ductile iron pipe and fitting on both capital projects and maintenance projects. When repairs are needed, pipe and fittings need to be readily available. Although many parts are stocked by the City, a long-term contract with a supplier ensures all the parts are readily available at a reasonable cost that has been competitively bid.

The City currently has a five-year contract with a ductile iron pipe and fitting supplier that expires in early October. A request for quotes was sent out this last summer, and on September 4, 2018, the City received three bids for the subject bid request. The bids were as follows:

<u>SUMMARY OF BIDS</u>		
Schedule A - BIDDER	AMOUNT	Schedule B - Discount
Ferguson, Portland, OR	\$81,138.84	46%
Core and Main, Vancouver, WA	\$85,496.30	45%
H.D. Fowler, Vancouver WA	\$91,398.23	10%

All bidders were responsive.

This material supply contract was bid using two schedules, schedule "A" for piping and gaskets and schedule "B" for fittings (elbows, bends, tees, valves, etc.). Schedule "A" used typical annual pipe quantities to establish a comparable baseline for evaluation of the bidders. The types and quantities of fittings that the City purchases are highly variable, so schedule "B" required the suppliers to provide a percentage discount off manufacturer's list price for fittings ordered by the City. Ferguson had the lowest responsive bid for both schedule "A" and schedule "B". In the last five-year contract, approximately \$800,000 was spent on both pipe and fittings. In this next five-year contract, expenditures are estimated to be \$1 million. The proposed contract is written as a "not to exceed" \$1 million for the five-year contract term.

Advantage(s)

- Provides needed parts to maintain and repair the City water supply.
- A long-term contract ensures parts are readily available at a competitively bid and reasonable cost.

Disadvantage(s)

None

Budget Impact

None. Sufficient funds for parts are budgeted in the Water Utility Operations Fund. No additional funding is requested.

Prior Council Review

None

Action Requested

On October 1, 2018, authorize the City Manager or his designee to execute a contract for the purchase of ductile iron water pipe, gaskets and fittings to Ferguson of Portland, OR, for a period of five years at a cost not to exceed \$1,000,000.

Tyler Clary, Water Engineering Program Manager, 487-7169

ATTACHMENTS:

- ▣ Ductile Iron Pipe Bid Contract
- ▣ Ductile Iron Pipe Bid Contract Attachment A

AGREEMENT # _____

**SUPPLY AND DELIVERY OF CLASS 350 & 52 CEMENT LINED ZINC COATED
DUCTILE IRON WATER PIPE, GASKETS & FITTINGS**

This Agreement made and entered into this _____ day of _____, 2018, by and between the City of Vancouver, a municipal corporation, under the laws of the State of Washington, hereinafter referred to as "City" and Ferguson Enterprises Inc hereinafter referred to as "Contractor," whose address is 9129 North Tyndall, Portland OR 97217.

WHEREAS, the City desires to engage the Contractor to supply and deliver Class 350 & 52 Cement Lined Zinc Coated Ductile Iron Water Pipe, Gaskets & Fittings and associated products and services, in accordance with the terms of this Agreement. Contractor has agreed to provide afore-mentioned products per its response to City issued ITB #18-19.

WHEREAS, the Contractor has represented by entering into this Agreement that it is fully qualified to provide and deliver quality products, to the standards set forth herein.

NOW, THEREFORE, IT IS MUTUALLY AGREED BETWEEN THE PARTIES:

The City hereby agrees to engage the Contractor and the Contractor hereby agrees to supply and deliver Class 350 & 52 Cement Lined Zinc Coated Ductile Iron Water Pipe, Gaskets & Fittings and associated products and services in accordance with the specifications hereafter set forth in connection with this Agreement:

1. Supply and Delivery of Ductile Iron Water Pipe and Associated Items:

Contractor agrees to provide the City of Vancouver Class 350 & 52 Cement Lined Zinc Coated Ductile Iron Water Pipe, Gaskets & Fittings and associated products and services as set forth in this Agreement, and in accordance with ITB #18-19 (and its addenda, if any). The Contractor's submitted response under ITB #18-19, and City Purchase Orders issued under this Agreement are hereby incorporated into this Agreement as if fully set forth herein.

During the fulfillment of this Contract, the City may allow the Contractor to provide substitute product/s, upon confirmation that the ordered product has been discontinued. Pricing for such a product replacement or substitute shall not exceed the current price of substituted item.

The City of Vancouver reserves its right to seek alternative products if the project managers deem such action is in the City's best interest. This may include, but is not limited to special circumstances or needs of the City.

2. General Requirement:

The Contractor, at its sole cost and expense, shall perform and comply with all applicable laws of the United States and the State of Washington; the Vancouver City Charter, the Vancouver Municipal Code ("VMC"), and ordinances of the City of Vancouver; and rules, regulations, orders, and directives of their respective administrative agencies and officers.

**ITB #18-19 SUPPLY AND DELIVERY OF CLASS 350 & 52 CEMENT LINED ZINC COATED
DUCTILE IRON WATER PIPE, GASKETS & FITTINGS
CONTRACT**

Page 1 of 8

3. Order or 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; Purchase Orders; Contractor's submitted response to ITB # 18-19, and ITB #18-19.

4. Purchase Order:

Purchases will be authorized via valid Purchase Orders. Purchases shall correspond with the Purchase Order; any unauthorized advance or excess order is returnable at Contractor's expense.

5. Schedule:

Unless the City requests a change in schedule, the Contractor shall deliver the products and render the services by the "Delivery Date" stated on the signed purchase order.

In the event that the products are not delivered and accepted in the timelines specified in the Purchase Order, the City of Vancouver reserves the right to reject the products and cancel the Purchase Order in its entirety. The City shall bear zero expense due to this breach.

6. Delivery:

All costs referenced must be F.O.B. Vancouver, Washington, Prepaid and Allowed (freight included in the unit cost), prepaid with all transportation and handling charges paid by the Contractor. Responsibility and risk of loss or damage shall remain with the Contractor until final inspection and acceptance when responsibility shall pass to the City except as to latent defects, fraud, and the Contractor's warranty obligations (including without limitation latent defects).

7. Payment:

Invoices will be paid at net thirty (30) days after the City's receipt and acceptance of the goods or completion and acceptance of the services, provided that all appropriate information has been listed on the invoice and necessary forms have been submitted. No payment shall be due prior to the City's receipt and acceptance of the items identified in the invoice thereof.

8. Adjustments:

The City at any time may make reasonable changes in the place of delivery, installation or inspection; the method of shipment or packing; labeling and identification; and ancillary matters that Contractor may accommodate without substantial additional expense to the City.

9. Assignment:

This Agreement is binding on each party, its successors, assigns, and legal representatives and may not, under any circumstances, be assigned or transferred by either party without express written authorization.

10. Waiver:

The City's failure to insist on performance of any of the terms or conditions herein or to exercise any right or privilege or the City's waiver of any breach hereunder shall not thereafter waive any other term, condition, or privilege, whether of the same or similar type.

11. Binding Effect:

The provisions, covenants, and conditions in this Agreement apply to bind the parties, their legal heirs, representatives, successors, and assigns. It will be at the City's sole discretion as to which terms may or may not apply to the Agreement.

12. Remedies Cumulative:

Remedies under this Agreement are cumulative; the use of one remedy shall not be taken to exclude or waive the right to use another.

13. Severability:

Any invalidity, in whole or in part, of any provision of this Agreement shall not affect the validity of any other of its provisions, unless the result of same would clearly be contrary to the overall intent of the parties in entering into this Agreement.

14. Taxes:

The Contractor shall pay, before delinquency, all taxes, levies, and assessments arising from its activities and undertakings under this Agreement; taxes levied on its property, equipment and improvements; and taxes on the Contractor's interest in this Agreement, provided, however, that any taxes that apply directly to the sale, such as a state or local sales tax, shall be added to the purchase price set forth in the Purchase Order.

15. Relation of Parties:

The Contractors, its subcontractors, agents, and employees are independent Contractors performing services for City and are not employees of City. The Contractor, its subcontractors, agents and employees, shall not, as a result of this Agreement, accrue leave, retirement, insurance, bonding or any other benefits afforded to City employees. The Contractor, subcontractors, agents and employees shall not have the authority to bind City any way except as may be specifically provided herein.

16. Ownership of Materials, Writings and Products:

All materials, writings, and products produced by Contractor 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, the Contractor hereby further assigns all copyright interests in such materials, writing and products to the City; provided, however, that this clause does not apply to materials, writings, or products in which Contractor has a copyright interest prior to the date of this Agreement. A copy may be retained by the Contractor.

17. Proprietary and Confidential Information:

The parties acknowledge that the City is an "agency" within the meaning of the Washington Public Records Act, Chapter 42.56 of the Revised Code of Washington ("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 information that Contractor has marked as "Proprietary and Confidential," 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 Ch.42.56 RCW for withholding or delaying public disclosure of such information.

18. Warranties:

All products shall be warranted against defects or faulty workmanship and materials by the Contractor for one (1) year following inspection and acceptance of the products by the City. Warranty shall include all costs incurred, including shipping, for repair or replacement except that which is damaged by misuse or abuse. This one-(1) year warranty shall in no way affect normal extended or manufacturer's warranty exceeding this one (1) year period. Contractor warrants that all goods and services furnished under this Agreement are new, conform strictly to the specifications herein, are merchantable, good workmanship, free from defect, comply with all applicable safety and health standards established for such products, all goods are properly packaged, and all appropriate instructions or warnings are supplied. If a defect is found, a component failure occurs, or workmanship is found to cause failure, the Vendor shall replace the product at their own expense, including shipping charges. Any replacement product will be warranted for one (1) year from the date it is delivered. All implied and expressed warranty provisions of the Uniform Commercial Code are incorporated into this Agreement.

19. Non-Discrimination and Equal Employment Opportunity:

During the term of this Agreement, the Contractor agrees as follows: The Contractor will not discriminate against any employee or applicant for employment because of creed, religion, race, color, sex, marital status, sexual orientation, political ideology, ancestry, national origin, or the presence of any sensory, mental or physical handicap, unless based upon a bona fide occupational qualification. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their creed, religion, race, color, sex, national origin, or the presence of any sensory, mental or physical handicap. Such action 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 apprenticeship.

20. Indemnification:

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, or whatsoever kind or nature (including patent infringement or copyright claims) arising out of, or in connection with, or incident to, the performance of services 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 RCW, except to the extent that such liability arises from the sole negligence of the City. Contractor specifically acknowledges that the provisions contained herein have been mutually negotiated by the parties and it is the intent of the parties that Contractor provide the broadest scope of indemnity permitted by law. Contractor is an independent Contractor and responsible for the safety of employees.

21. Order Quantity:

This is an as-needed Agreement; orders will be placed with Contractor via signed Purchase Orders on an as-needed basis. The City is not obligated to any minimum or maximum quantities under this Agreement.

22. Termination:

The City intends to award this contract for a period of five (5) years.

The City, at its sole discretion, may terminate this Agreement for convenience at any time for any reason deemed appropriate. Termination is effective immediately upon notice of termination given by the City.

23. Prices:

Proposed prices listed in herein attached and by reference made part of this Contract ATTACHMENT A – PROPOSAL must be valid for six (6) months from the effective date of this Agreement. In consideration of market conditions, the City may allow an adjustment to compensation paid for the actual cost every six months. Contractor shall submit the request for consideration, together with supporting documentation, before each subsequent six month period starting from the anniversary date of the Agreement. The City will review the request and at its sole discretion make a decision. If accepted, the adjustment shall become effective on the six month anniversary date of the Agreement and will be firm for the remainder of the contracted period or until approved at the next six month interval. All adjustments will be authorized by written contract amendment.

Contractor warrants that prices of materials set forth herein do not exceed those charged by the Contractor to any other customer purchasing the same under similar conditions and in like or similar quantities.

Unless otherwise specified herein, no additional charges by the Contractor will be allowed including, but not limited to: handling charges such as packing, wrapping, bags, containers; return and re-stocking fees due to vendor error.

24. Commercial and General Liability Insurance:

The Contractor agrees to furnish the City with a current Certificate of Insurance on the standard "ACORD" with the coverage's listed below:

\$1,000,000.00 minimum/general liability per occurrence

\$2,000,000.00 minimum/general aggregate

\$1,000,000.00 minimum/automobile combined single limit (each accident)

City of Vancouver named as additional insured on the commercial general liability policy and an “additional insured” policy endorsement CG2012, CG2026 or equivalent must be included with the certificate of insurance

The certificate shall be made out to the City and be an original; no photocopies shall be accepted. The Certificate of Insurance shall provide the City be given 30 days advance notice of cancellation, non-renewal, or material change in coverage.

25. Other Liabilities:

Contractor agrees to indemnify, defend, save, and hold harmless the City, its officials, employees and agents from all claims, suits, and actions of any nature arising out of or related to the products and activities of the Contractor, its officers, subcontractors, agents, or employers under this Agreement. Contractor will not indemnify any action that arises out of the control application or operation of their software that was created by a third party vendor.

26. Worker's Compensation:

The Contractor shall comply with the State Washington, Department of Labor and Industries Industrial Insurance program, for all of its employees who are required to be so covered by the laws of the State of Washington and in case any work is subcontracted, the Contractor shall require the subcontractor to provide worker's compensation insurance for all of its employees unless or to the extent that such employees are covered by the protection provided by the Contractor.

27. Employment Security:

The Contractor shall comply with all employment security laws of the State of Washington, and shall timely make all required payments in connection therewith.

28. Compliance with the Law:

The Contractor shall have the authority to control and direct the performance and details of the work described herein. The Contractor agrees to comply with all relevant, federal, state and municipal laws, rules and regulations.

29. Licenses and Similar Authorizations:

The Contractor, at no expense to the City, shall be responsible to obtain all necessary licenses, permits, and similar legal authorizations required to perform the work associated with this Agreement.

In most cases, contractors will be required to get a business license when contracting with the City of Vancouver, unless allowable exemptions apply. Businesses/contractors shall contact the State of Washington Business License Service (BLS) at: <http://bls.dor.wa.gov/file.aspx>, telephone 800-451-7985, or www.cityofvancouver.us/businesslicense, to determine whether a business license is required pursuant to VMC Ch. 5.04.

30. Notices:

All notices which are given or required to be given pursuant to this Agreement shall be hand delivered or mailed postage paid as follows:

City of Vancouver

Contractor:

Anna Vogel
City of Vancouver
P O Box 1995
Vancouver WA 98668-1995

Darrin Andersson
Ferguson Enterprises Inc
9129 North Tyndall
Portland OR 97217

31. Amendments:

This Agreement shall not be altered, changed, or amended except by an instrument in writing executed by the parties hereto. Any changes in the scope of work or compensation shall be mutually agreed upon between City and the Contractor and shall be incorporated in written amendments to this Agreement.

32. Entire 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.

33. 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 responded to ITB 18-19 and executing this Agreement, the Contractor agrees that other public agencies may purchase goods and services under this solicitation or Agreement at their own cost and without the City of Vancouver incurring any financial or legal liability for such purchases. The City of Vancouver agrees to allow other public agencies to purchase goods and services under this solicitation or Agreement, provided that the City of Vancouver is not held financially or legally liable for purchases and that any public agency purchasing under such solicitation or Agreement file a copy of this invitation and such agreement in accordance with RCW 39.34.040.

34. Ratification:

Acts taken pursuant to this Agreement but prior to its effective date are hereby ratified and confirmed.

35. 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.

36. Authority to Execute:

The Contractor warrants that it has legal authority to enter into this agreement and the signatory below is authorized to execute this Agreement on behalf of the Contractor and is at least 18 years of age.

CITY OF VANCOUVER,
A municipal corporation

CONTRACTOR:
Ferguson Enterprises Inc

Eric Holmes, City Manager

By:

Attest:

Natasha Ramras, City Clerk

Approved as to form:

E. Bronson Potter, City Attorney

PROPOSAL

This bid comprises of 2 Schedules: **Schedule A** (Ductile Iron Pipe & Gaskets, Valve Can & Valve Lid), and **Schedule B** (Water Fittings and Valves not listed on Schedule A). Fittings may be of various kinds and sizes in cast iron or ductile iron, and includes adapters, bell joints repair, cap (MJ), couplings, cross (MJ), elbows (MJ), flanges, leak bands, plugs (MJ), reducers, retainer glands, saddles, sleeves, tees, valves, etc. All items must meet or exceed the attached City of Vancouver specifications, and shall comply with the latest editions of Ansi/AWWA standards and be NSF certified.

The undersigned bidder agrees to provide the following items listed under Schedule A as specified. Bidders must provide responses to all items under Schedule A, and provide a discount percentage (%) from the publicly published list prices of items not listed on schedule A, for Schedule B items.

Schedule A will be awarded as all or nothing. This means that you must provide your bid for each line item on Schedule A, Proposal pages E-4 through E-8, or your bid will be deemed non-responsive and will be rejected.

The City intends to award this contract to one vendor. Schedule B will not be included in the bid tabulation for the purpose of determining the lowest responsive and responsible bidder.

For Schedule B, *vendor must provide current published list prices with their submittal* and when these list prices are updated and published.

All bidders are hereby advised that the quantities shown are **ESTIMATES ONLY**, and the ultimate amount may be **CONSIDERABLY MORE OR CONSIDERABLY LESS** than the estimates shown. The estimated quantities are being established to facilitate a basis for the award of bid. Items will be ordered on an "as needed" basis.

Substitution Requests

The City of Vancouver will provide opportunity for vendors to present alternate products which the City will determine if the alternate product(s) will meet the City's requirements. If you are interested in presenting an alternate product, please call **Mike Permin at (360) 487-8216** no later than **3:00 p.m. on AUGUST 10, 2018** to schedule an appointment for a product presentation, which must be completed no later than **AUGUST 15, 2018 at 3:00 pm**. If you are sending an alternate item by USPS or any chosen carrier, the items must be received by **AUGUST 15, 2018 at 3:00 p.m.** The City, at its sole discretion, will determine if the product/s submitted meet/s the requirements outlined in this solicitation. An addendum will be issued, if needed, by **AUGUST 21, 2018** listing all approved equals, if any.

Pricing

Prices must be firm for 12 months from date of award (**approx. October, 2018 through October, 2019**). In consideration of market conditions, the City will consider increase/decrease of the actual cost of the products each year thereafter. ***Contractor shall submit the request at least 60 days prior to the start of a new contract year.*** Request for price increases shall be supported by the applicable Consumer Price Index –Seattle-Tacoma-Bremerton area for the immediate, previous four (4) quarters.

All bids must be F.O.B. Vancouver, Washington, freight prepaid and allowed, delivered to the City of Vancouver Operations Center Warehouse, 4711 E. Fourth Plain Blvd., Vancouver, Washington 98661 or as specified. Twenty-four hour notice, prior to shipping is required by the City. Please call (360) 487-8288 to confirm shipping date and time.

Contractor warrants that prices of materials, supplies, services, and/or equipment set forth herein do not exceed those charged by the Contractor to any other customer purchasing the same under similar conditions and in like or similar quantities.

Unless otherwise specified herein, no additional charges by the Contractor will be allowed including, but not limited to: handling charges such as packing, wrapping, bags, containers; return and re-stocking fees due to vendor error, or processing fees associated with the use of credit cards.

Discontinued Items/Substitute Products

During the fulfillment of this Contract, the City may allow the Contractor to provide substitute product/s, upon confirmation that the ordered product has been discontinued. Pricing for such a product replacement or substitute shall not exceed the current price of substituted item.

The City of Vancouver reserves its right to seek alternative products or services if the project managers deem such action is in the City's best interest. This may include, but is not limited to special circumstances or needs of the City's Public Works Department.

Contract

The City of Vancouver intends to establish this contract for five (5) years.

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.

Contact

All questions regarding this bid may be directed to Mike Wolfson, Procurement Specialist at Mike.Wolfson@cityofvancouver.us

All questions and requests for clarifications must be received by **3:00 p.m. on AUGUST 17, 2018.** An addendum will be issued by **AUGUST 21, 2018, as needed.**

The undersigned bidder agrees to provide the following supplies and other related products as specified. Items must meet or exceed the attached City of Vancouver specifications and shall comply with the latest editions of ANSI/AWWA standards and be NSF certified.

All bidders are hereby advised that the quantities shown are **ESTIMATES ONLY**, and the ultimate amount may be **CONSIDERABLY MORE OR CONSIDERABLY LESS** than the estimates shown. The estimated quantities are being established to facilitate a basis for the award of bid. Items will be ordered on an "as needed" basis.

- NOTE:**
- Show prices in legible figures (not words) written in ink or typed.
 - Where conflict occurs unit price shall prevail.

- The Total Price for Non-Lump Sum Bid Items should be calculated as follow:
Estimated Annual Quantity (as listed for that bid item) x Unit Cost = Total Cost
- Your bid will be considered irregular and will be rejected if:
 - The unit price is left blank and a price per unit cannot be determined by equally dividing the "Approx. Annual Quantity" into the Total Price and rounding the result to the nearest 2 decimal places.
 - Any of the unit prices are excessively unbalanced (either above or below the amount of a reasonable Bid) to the potential detriment of the Contracting Agency.
- Your bid shall be considered *non-responsive* and therefore, void if:
 - Figures are illegible
 - Minimum bid requirements are not met (when applicable)
 - You are inserting your own terms and conditions.

SCHEDULE A

ITEM	DESCRIPTION	ESTIMATED ANNUAL QUANTITY	UNIT COST	TOTAL COST
1.	24" Class 350 Cement Lined Zinc Coated Ductile Iron Water Pipe with push on joints, to include lubricant and gaskets. City #65040.	18 feet	\$ 85.09	\$ 1531.62
2.	20" Class 350 Cement Lined Zinc Coated Ductile Iron Water Pipe with push on joints, to include lubricant and gaskets. City #65045.	18 feet	\$ 63.65	\$ 1145.70
3.	18" Class 350 Cement Lined Zinc Coated Ductile Iron Water Pipe with push on joints, to include lubricant and gaskets. City #65050.	18 feet	\$ 54.45	\$ 980.10
4.	16" Class 350 Cement Lined Zinc Coated Ductile Iron Water Pipe with push on joints, to include lubricant and gaskets. City #65055.	18 feet	\$ 46.36	\$ 834.48
5.	14" Class 350 Cement Lined Zinc Coated Ductile Iron Water Pipe with push on joints, to include lubricant and gaskets. City #65060.	18 feet	\$ 37.51	\$ 675.18
6.	12" Class 52 Cement Lined Zinc Coated Ductile Iron Water Pipe with push on joints, to include lubricant and gaskets. City #65065.	500 feet	\$ 36.38	\$ 18190.00
7.	10" Class 52 Cement Lined Zinc Coated Ductile Iron Water Pipe with push on joints, to include lubricant and gaskets. City #65070.	300 feet	\$ 28.88	\$ 8664.00
8.	8" Class 52 Cement Lined Zinc Coated Ductile Iron Water Pipe with push on joints, to include lubricant and gaskets. City #65075.	500 feet	\$ 22.06	\$ 11030.00
9.	6" Class 52 Cement Lined Zinc Coated Ductile Iron Water Pipe with push on joints, to include lubricant and gaskets. City #65080.	500 feet	\$ 16.48	\$ 8240.00

ITEM	DESCRIPTION	ESTIMATED ANNUAL QUANTITY	UNIT COST	TOTAL COST
10.	4" Class 52 Cement Lined Zinc Coated Ductile Iron Water Pipe with push on joints, to include lubricant and gaskets. City #65085.	500 feet	\$ 20.45	\$ 10225.00
11.	4" Push-on Joint Restraining Gasket. Must be the same manufacturer as the pipe and per the pipes manufacturer's recommendation. See attached specifications For allowable joint restraint.	12 each	\$ 32.00	\$ 384.00
12.	6" Push-on Joint Restraining Gasket. Must be the same manufacturer as the pipe and per the pipes manufacturer's recommendation. See attached specifications For allowable joint restraint.	8 each	\$ 45.43	\$ 363.44
13.	8" Push-on Joint Restraining Gasket. Must be the same manufacturer as the pipe and per the pipes manufacturer's recommendation. See attached specifications for allowable joint restraint.	8 each	\$ 61.52	\$ 492.16
14.	10" Push-on Joint Restraining Gasket. Must be the same manufacturer as the pipe and per the pipes manufacturer's recommendation. See attached specifications for allowable joint restraint.	4 each	\$ 77.36	\$ 309.44
15.	12" Push-on Joint Restraining Gasket. Must be the same manufacturer as the pipe and per the pipes manufacturer's recommendation. See attached specifications for allowable joint restraint.	8 each	\$ 89.36	\$ 714.88
16.	14" Push-on Joint Restraining Gasket. Must be the same manufacturer as the pipe and per the pipes manufacturer's recommendation. See attached specifications for allowable joint restraint.	4 each	\$ 178.22	\$ 712.88
17.	16" Push-on Joint Restraining Gasket. Must be the same manufacturer as the pipe and per the pipes manufacturer's recommendation. See attached specifications for allowable joint restraint.	4 each	\$ 207.21	\$ 828.84
18.	18" Push-on Joint Restraining Gasket. Must be the same manufacturer as the pipe and per the pipes manufacturer's recommendation. See attached specifications for allowable joint restraint.	4 each	\$ 250.35	\$ 1001.40

ITEM	DESCRIPTION	ESTIMATED ANNUAL QUANTITY	UNIT COST	TOTAL COST
19.	20" Push-on Joint Restraining Gasket. Must be the same manufacturer as the pipe and per the pipes manufacturer's recommendation. See attached specifications for allowable joint restraint.	4 each	\$ 64.63	\$ 258.52
20.	24" Push-on Joint Restraining Gasket. Must be the same manufacturer as the pipe and per the pipes manufacturer's recommendation. See attached specifications for allowable joint restraint.	4 each	\$ 401.86	\$ 1607.44
21.	#910 10" Valve Can. City #90070. See attached specifications.	175 each	\$ 22.95	\$ 4016.25
22.	#910 CI Valve Lids, with solid steel lifting pin, and "W", or Water in the design. CITY #W90075. See attached specifications.	300 each	\$ 8.82	\$ 2646.00

SUB-TOTAL

WASHINGTON STATE SALES TAX @ 8.4%

GRAND TOTAL

~~\$74851.07~~ \$74,851.07
~~\$6287.47~~ \$6,287.51
~~\$81,138.56~~ \$81,138.54

SCHEDULE B – DUCTILE IRON FITTINGS

Provide a discount percentage from the published list prices. For example, a discount of 40% from the published list price means the city pays \$60 for an item with a published list price of \$100. The City will not incur additional cost, except for the WA Sales Tax, when ordering items under Schedule B and when delivering F.O.B. Destination. **Please complete below.**

46 % from the published list prices.

Items must meet American Water Works Association Standard (AWWA) requirements.

Ordered products shall be delivered within **thirty (30) calendar days** from receipt of our Purchase Order. Shorter delivery time is encouraged. Bids with longer delivery time will be rejected as non-responsive.

DELIVERY WILL BE MADE WITHIN 30 CALENDAR DAYS AFTER RECEIPT OF PURCHASE ORDER.

ITB 18-19 Class 350 & 52 Cement Lined Zinc Coated Ductile Iron Water Pipe
Bid Documents Proposal

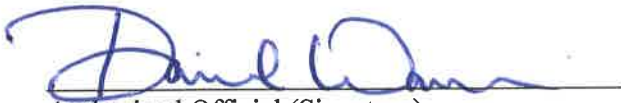
The following Addenda is/are hereby acknowledged:

Addendum No.	Date of Addendum/Addenda	Signed Acknowledgment
1. <u>1</u>	<u>8-24-2018</u>	<u></u>
2. _____	_____	_____
3. _____	_____	_____

NOTE:

Failure to acknowledge any issued Addenda to this Bid will render the proposal non-responsive and therefore void. It is the sole responsibility of the proposer to learn of Addenda, if any. Such information may be obtained at: <https://vancouver.procureware.com> The City of Vancouver accepts no responsibility or liability and will provide no accommodation to bidders who fail to check for addendum and submit inadequate or incorrect bids.

The undersigned bidder declares that before preparing their bid they read carefully the specifications and requirements for bidders and that their bid is made with the full knowledge of the kind, quality and quantity of product to be furnished, and their said bid is as stated on this proposal page.


Authorized Official (Signature)

9/4/18
Date

Daniel Warner
Print Name of Authorized Official

General Manager
Title of Authorized Official

Ferguson
Company Name

(503) 240-6747 / (503) 240-6751
Telephone & Fax Numbers

9129 North Tyndall
Address

Portland, OR, 97217
City, State, Zip

54-1211771
Federal Employer ID

NOTE:

1. If the bidder is a partnership, so state, giving firm name under which business is transacted.
2. If the bidder is a corporation, this proposal must be executed by its duly authorized officials.
3. The City reserves the right to adjust the scope of this work to match available fund.



Item #4.

TO: Mayor and City Council

FROM: Natasha Ramras, Chief Financial Officer

DATE: 10/1/2018

SUBJECT Approval of Claim Vouchers

Action Requested

Approve claim vouchers for October 1, 2018.

(Copy available upon request.)

ATTACHMENTS:

▣ Claims 10.01.18

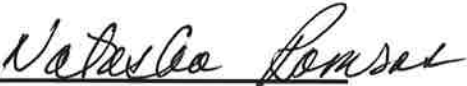
VOUCHER APPROVAL

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:

\$ **2,641,145.07** this 1st day of October 2018.

MAYOR

COUNCILMEMBER



AUDITING OFFICER

COUNCILMEMBER

DATE	INCLUSIVE CHECK NUMBERS	CHECK TOTAL
September 18 - September 24	Accounts Payable Checks (see attached)	\$ 2,637,633.57
September 18 - September 24	Visa Refunds (see attached)	\$ 3,511.50
September 18 - September 24	Payroll Checks (see attached)	\$ -
TOTAL		\$ 2,641,145.07

INVOICE PAYMENTS REPORT

Check Number	Check Date	Amount	Vendor Name	Description
119851	24-Sep-2018	124,849.70	BLUE CROSS BLUE SHIELD OF OR	***WIRE*** BLUE CROSS WEEKLY CLAIMS, WEEK 3 OF SEPT
594984	20-Sep-2018	17,609.59	A LINE ASPHALT MAINTENANCE INC	SUMMARY: CRACK SEAL/SEALCOAL/STRIPE PARKING LOT - OP CENTER
594985	20-Sep-2018	26,558.00	ACCELA INC	CUST ID 1393 - SO-ACC12790 - PUBLIC STUFF CRM TIER 3 POPULATION FEES - 10/01/18-09/30/19 - INFO TECH - RECEIPT 137134 BY S COOLEY PER E-MAIL
594986	20-Sep-2018	2,149.54	ACCENT BUSINESS SERVICES INC	KELSEY MIKE - W/E 08/25/18 - CONSTRUCTION
594987	20-Sep-2018	74,021.11	ACTION TECHNOLOGY SYSTEMS	INV P 39781, P 39782, & P 39783 - TOWN PLAZA FIRE ALARM SYSTEM REPAIRS - EST 6 - THRU 08/24/18
594988	20-Sep-2018	259,737.16	ADVANCED EXCAVATING SPECIALISTS, LLC	2018 PRESERVATION CURB RAMPS - EST 3 - THRU 07/20/18
594989	20-Sep-2018	55.10	ADVANTAGE HEATING COOLING AND PLUMBING	PERMIT WITHDRAWN
594990	20-Sep-2018	6,384.28	AKS ENGINEERING & FORESTRY VANCOUVER LLC	PROJ 6012 - 2017 ON-CALL SURVEY SERVICES - THRU 06/30/18 - CONSTRUCTION
594991	20-Sep-2018	937.88	ALBINA FUEL	CUST 00-0076624 - ORDER V286460 - CSS-1 TACK OIL - 1.03 TON - OPS CENTER
594992	20-Sep-2018	165.66	ALLEGIANCE BENEFIT PLAN MANAGEMENT	RETIRED LEOFF 1 POLICE MEDICAL CLAIMS
594993	20-Sep-2018	86.00	AMERICAN WATER WORKS ASSN	2018 AWWA MEMBERSHIP DUES - TIM BUCK - MEMBER 03346577 - OP CENTER
594994	20-Sep-2018	383.96	ARAMARK UNIFORM SERVICES INC	SUMMARY: MAT/TOWEL/COVERALL/UNIFORM CLEANING SERVICES
594995	20-Sep-2018	6,625.95	ARBORSCAPE LTD INC	SUMMARY: TREE TRIMMING AND REMOVAL SERVICES - OP CENTER
594996	20-Sep-2018	87.78	ARCHAEOLOGICAL SERVICES OF CLARK COUNTY LLC	PROJ 18722-COLUMBIA VISTA POND COV PRED REVIEW - 08/24/18 - PREDETERMINATION REVIEW/REPORT - DRS - RECEIPT 137090 BY B THOMAS PER E-MAIL
594997	20-Sep-2018	5,863.18	ARIENS COMPANY	ORDER 614105 - GRAVELY PRO-WALK 48 KAW - SERIAL #150 - EQUIP SERVICES
594998	20-Sep-2018	1,446.77	AT&T MOBILITY II LLC	ACCT 287253610004 - CELL PHONE CHARGES - 08/05/18-09/04/18 - CONSTRUCTION
594999	20-Sep-2018	9,709.32	AT&T MOBILITY II LLC	ACCT #287256310986 - CELL PHONE WIRELESS CHARGES - 08/05/18-09/04/18 - OPS CENTER
595000	20-Sep-2018	150.00	AUDUBON SOCIETY OF PORTLAND	09/15/18 - BIRD PRESENTATION - STURGEON FESTIVAL - WREC
595001	20-Sep-2018	30.50	AUTO WHEEL SERVICE INC	CUST 02554 - REF 918766 - PARTS FOR VEHICLE REPAIRS - EQUIP SERVICES
595002	20-Sep-2018	84.25	Bauman, Andrea M	AUGUST BELLA
595003	20-Sep-2018	1,254.33	BOUND TREE MEDICAL LLC	SUMMARY: MEDICAL SUPPLIES - FIRE
595004	20-Sep-2018	200.00	BRADFORD DAVIS	08/26/18 - SUNDAY DANCE - MUSICAL ENTERTAINMENT - PARKS
595005	20-Sep-2018	2,363.01	BROADWAY INVESTORS LLC	OCT 18 COLUMBIA BANK PARKING
595006	20-Sep-2018	9,224.05	BROWN & WILSON PARTNERSHIP LLC	OCT 18 DOMESTIC VIOLENCE LEASE
595007	20-Sep-2018	1,181.56	CALERO SOFTWARE LLC	REMOTE UPGRADE SAME SERVER TO LATEST VERSION OF VERASMART - 08/20/18-02/28/19 - INFO TECH
595008	20-Sep-2018	6,524.46	CARGILL INCORPORATED SALT DIV	DCW SO NATURALS XCRS - 50 LB BAGS - OPS CENTER
595010	20-Sep-2018	200.00	Cary, Michelle Jean	CLOTHING ALLOWANCE REIMBURSEMENT FOR MICHELLE CARY
595011	20-Sep-2018	1,813.90	CINTAS CORP	ACCT 463-11151 - TOWEL CLEANING SERVICES - ALL 18MAR INVS ON 09/10/18 STMT - FIRE
595012	20-Sep-2018	2,342.28	CINTAS CORP NO 2	CUST 3570 - ACCT 03570 - LOC F80 - EXTINGUISHER INSPECTION/PURCHASE/MAINTENANCE - EQUIP SERVICES - RECEIPT 137404 BY J CHICK PER E-MAIL
595013	20-Sep-2018	377.25	CITY OF VANCOUVER POLICE TRAVEL FUND	TO REIMB. CHECKS WRITTEN AGAINST POLICE TRAVEL ADVANCE FUNDS.
595014	20-Sep-2018	1,355.75	CITY OF VANCOUVER POLICE TRAVEL FUND	TO REIMB. CHECKS WRITTEN AGAINST POLICE TRAVEL ADVANCE FUNDS.
595015	20-Sep-2018	114,917.96	CLARK COUNTY	SUPERVISION/WORK PROGRAMS UNITS - 18JUL - BUDGET

*Please contact Procurement Services if you would like to review the justification for EMERGENCY procurement.

INVOICE PAYMENTS REPORT

Check Number	Check Date	Amount	Vendor Name	Description
595016	20-Sep-2018	244.92	CLARK COUNTY TITLE CO	ORDER CL10463 - LENDERS POLICY/RECORDING FEES - CDBG REHAB - P
595017	20-Sep-2018	405,810.22	CLARK PUBLIC UTILITIES	CAMPBELL - 14605 NE 52ND CIR - CDBG FUNDING
				SUMMARY: ELECTRICITY
595026				
595027	20-Sep-2018	2,676.25	COLUMBIA CLAIMS SERVICE INC	FILE V118-1001 - CLAIMS ADJUSTER SERVICES - THRU 08/28/18 - RISK
595028	20-Sep-2018	172,270.56	COLUMBIA FORD	2018 FORD K8A POLICE UTILITY - QTY 4 - EQUIP SERVICES
595029	20-Sep-2018	1,107.39	COLUMBIA RESOURCE COMPANY	ACCT 130628 - 18AUG - CODE COMPLIANCE COUPONS - SOLID WASTE
595029	20-Sep-2018	1,885.14	COLUMBIA RESOURCE COMPANY	ACCT 130635 - 18AUG - CODE COMPLIANCE DISPOSAL FEE - SHAREHOUSE
				TALKIN TRASH - SOLID WASTE
595029	20-Sep-2018	15,438.83	COLUMBIA RESOURCE COMPANY	ACCT 990002 - 18AUG - ASH DISPOSAL - MP ENG - RECEIPT 137348 BY L
595030	20-Sep-2018	13.64	COMCAST CABLE COMMUNICATIONS INC	JONES
				8778 10 101 2442215 - 09/15/18-10/14/18 - VPD EAST PRECINCT
595031	20-Sep-2018	106.11	COMCAST CABLE COMMUNICATIONS INC	ACCT 8778 10 101 3663710 - CURRENT CHARGES - 09/07/18-10/06/18 - FOR
595032	20-Sep-2018	29,258.25	CORE & MAIN LP	SERVICE AT 4415 E 5TH ST - IT
595033	20-Sep-2018	7,166.01	DSU PETERBILT & GMC INC	ACCT 110866 - OPERATING SUPPLIES - OPS CENTER
595034	20-Sep-2018	2,873.58	EAGLE WEB PRESS	ACCT 53317 - PARTS FOR VEHICLE REPAIR - EQUIP SERVICES
595035	20-Sep-2018	2,893.00	EAGLE WEB PRESS	THE MESSENGER POSTAGE - 18OCT - MEDIA SERVICES
595036	20-Sep-2018	194.21	Eccleston, Mark T	JOB 91025 - 2018 FALL CATALOG - PARKS ADMIN
				BOOT REIMBURSEMENT
595037	20-Sep-2018	108.07	EMERALD SERVICES INC	ACCT CI36252 - ANTIFREEZE SERVICES/USED WASTE OIL FILTERS - 08/23/18 -
				EQUIP SERVICES - RECEIPT 137407 BY J CHICK PER E-MAIL
595037	20-Sep-2018	219.93	EMERALD SERVICES INC	ACCT CI36252 - PART 52150/20G PARTS WASHER SERVICE - EQUIP
595038	20-Sep-2018	216.00	EMERGENCY MEDICINE ASSOCIATES	SERVICES
595039	20-Sep-2018	8,236.87	ESTHER SHORT COMMONS LLP	PAT ACCT 4447450 - MEDICAL SERVICES - SMART, MICHAEL - 05/02/18 - VPD
595040	20-Sep-2018	200.00	EUROFINS EATON ANALYTICAL INC	OCT 18 ESTHER SHORT RETAIL SPACE
595041	20-Sep-2018	56.37	EXPERIAN MARKETING SOLUTIONS	FOLDER 753440 - SAMPLE TESTING SERVICES - 08/02/18 - MP ENG
				ACCT TBD1-1957212 - 18AUG - UTILITY COLLECTIONS ASSIST - UTILITIES
595042	20-Sep-2018	569.65	FERRELL GAS INC	ACCT 49463982 - PROPANE FOR CITY EQUIPMENT - THRU 08/17/18 - EQUIP
				SERVICES
595043	20-Sep-2018	9,268.75	FIRE SYSTEMS WEST	SUMMARY: FIRE EXTINGUISHER PURCHASES AND CERTIFICATIONS - OPS
				CENTER
595044	20-Sep-2018	8,358.00	FORTENBERRY & ASSOCIATES INC	RECORDS MANAGEMENT ASSESSMENT - CONSULTING - 18JUN-18AUG -
595045	20-Sep-2018	2,245.99	FRANCES McCOY	FINANCE
595046	20-Sep-2018	63.00	Free, Jeremy E	SETTLEMENT RE: FRANCES MCCOY - DOL: 08/09/18 - RISK
				REIMBURSE EMPLOYEE FOR OUT OF POCKET EXPENSES
595047	20-Sep-2018	40.69	FRONTIER COMMUNICATIONS	ACCT 253-007-9377-072604-5 - 09/10/18-10/09/18 - FISHERS GROVE LIFT
595048	20-Sep-2018	1,066.12	GALLS LLC	STATION
595049	20-Sep-2018	194.21	Gazcon, Jacinto Najar	ACCT 1001096190 - FIRE UNIFORM - FIRE
				BOOT REIMBURSEMENT
595050	20-Sep-2018	1,074.05	GENUINE PARTS COMPANY	CUST 7970 - 18AUG - PARTS FOR VEHICLE AND EQUIPMENT REPAIRS -
595050	20-Sep-2018	27.05	GENUINE PARTS COMPANY	EQUIP SERVICES
				CUST 7970 - 18AUG - SHOP SUPPLIES - EQUIP SERVICES
595051	20-Sep-2018	33,659.08	GEOTECHNICAL RESOURCES INC DBA GRI	PROJ W1226 - PAVEMENT EVALUATION - STREET REHABILITATION
				PROGRAM - THRU 07/31/18 - OP CENTER
595052	20-Sep-2018	7,388.95	GLOBAL EQUIPMENT COMPANY	CUST 49651 - ORD 14214296 - VESTIL SELF PROPELLED ELECTRIC PALLET
				JACK - OPS CENTER
595053	20-Sep-2018	1,694.85	GORDON TRUCK CENTERS	CUST 96056 - 18AUG - PARTS FOR VEHICLE AND EQUIPMENT REPAIR - EQUIP
				SERVICES

*Please contact Procurement Services if you would like to review the justification for EMERGENCY procurement.

INVOICE PAYMENTS REPORT

Check Number	Check Date	Amount	Vendor Name	Description
595054	20-Sep-2018	13,425.43	GRANITE CONSTRUCTION COMPANY	CUST 296098 - ORDER 200968 - ASPHALT FOR PAVING REPAIRS - 192ND - 08/22/18 - OP CENTER
595055	20-Sep-2018	2,341.54	GRAY & OSBORNE INC	PROJ 17226.00 - WATER SYSTEM EMERGENCY PLAN WSWA & WSRP - THRU 08/18/18 - MP ENG - RECEIPT 137036 BY MP ENG
595055	20-Sep-2018	901.60	GRAY & OSBORNE INC	PROJ 18238.00 - WATER SYSTEM MODELING - THRU 08/18/18 - MP ENG - RECEIPT 137040 BY MP ENG
595056	20-Sep-2018	4,583.33	GREATER VANCOUVER CHAMBER OF	PROJ 2018 CDBG 414743 - SMALL BUSINESS ASSISTANCE PROGRAM - 18AUG - CDBG FUNDING
595057	20-Sep-2018	1,090.86	Guillot, Monica Elan Nicole (Nikki)	APWA PRESENTATION
595058	20-Sep-2018	657.00	H&H WOOD RECYCLERS INC	ACCT 10-0000006 - THRU 08/23/18 - YARD DEBRIS RECYCLING - OPS CENTER
595059	20-Sep-2018	12,712.51	HALBERT CONSTRUCTION LLC	FEE BOOTH INSTALLATION - EST 1 - THRU 07/18/18
595059	20-Sep-2018	6,447.30	HALBERT CONSTRUCTION LLC	FEE BOOTH INSTALLATION - EST 2 - THRU 08/08/18
595059	20-Sep-2018	27,050.43	HALBERT CONSTRUCTION LLC	FIRE STATION WASHER & DRYERS - EST 2 - THRU 08/31/18
595060	20-Sep-2018	1,391.63	HART CROWSER INC	PROJ 1599406 - GEOTECHNICAL ENGINEERING SERVICES - BLOCK 4/KIRKLAND - THRU 07/27/18 - CED - RECEIPT 136823 BY B THOMAS PER E-MAIL
595061	20-Sep-2018	5,640.88	HDR ENGINEERING INC	PROJ 10111126 - NW 23RD AVE ROAD IMPROVEMENTS - THRU 08/04/18 - CONSTRUCTION
595062	20-Sep-2018	16.96	HEALTH SMART BENEFITS SOLUTIONS INC	FINAL WEEKLY CLAIM FOR HS
595063	20-Sep-2018	2,065.79	HERRERA ENVIRONMENTAL CONSULTANTS	PROJ 15-06206-002 - LID MAINTENANCE TOOLKIT - THRU 07/27/18 - MP ENG
595063	20-Sep-2018	1,290.13	HERRERA ENVIRONMENTAL CONSULTANTS	PROJ 17-06550-000 - VANCOUVER WATERSHED HEALTH ASSESSMENT - THRU 07/27/18 - MP ENG - RECEIPT 136970 BY L JONES
595064	20-Sep-2018	577.61	INDUSTRIAL SCIENTIFIC CORP	CUST 106747 - ORDER US000111666 - INET GAS MONITORING SUBSCRIPTION - 07/23/18-08/22/18 - OP CENTER - RECEIPT 137164 BY P NEWTON PER E-MAIL
595065	20-Sep-2018	4,500.00	JCI JONES CHEMICALS INC	ORDER 565666 - CHLORINE 150 LB CYLINDERS - 18 EA - OP CENTER
595066	20-Sep-2018	385.00	KEITHS SPORTING GOODS INC	OPERATING SUPPLIES - VPD
595067	20-Sep-2018	120.00	Kendall, John A	REIMBURSEMENT FOR IAEI MEMBERSHIP RENEWAL FOR JOHN KENDALL
595068	20-Sep-2018	876.91	KITTELSON & ASSOC INC	PROJ 198940 - VANCOUVER TRAFFIC ON CALL - THRU 07/31/18 - FACILITIES - RECEIPT 136808 BY H VASKELIS
595069	20-Sep-2018	407.00	Klein, Anna	CLARK COUNTY EMPLOYEE A REIMBURSE FOR OUT OF POCKET EXPENSES
595070	20-Sep-2018	365.91	Knotts, Michael D	POLICE FLEET EXPO
595071	20-Sep-2018	544,020.67	KOVATCH MOBILE EQUIPMENT CORP	CUSTOM PUMPER FOR FIRE - EQUIP
595072	20-Sep-2018	1,800.00	KRONOS INCORPORATED	PROJ 34946 - VANCOUVER CITY POLICE - SOLUTION CONSULTING - THRU 08/22/18 - INFO TECH - RECEIPT 137373 BY J SCHOESSLER PER E-MAIL
595072	20-Sep-2018	630.00	KRONOS INCORPORATED	PROJ 39553 - VANCOUVER FIRE TSG - PROJECT PLANNING/ASSESSMENT/CHEDULING SERVICES - THRU 08/15/18 - INFO TECH - RECEIPT 137144 BY J SCHOESSLER PER E-MAIL
595073	20-Sep-2018	1,531.37	LAKEYLAND DBA NORTHWEST SAFETYCLEAN	NFPA ADVANCED CLEANING/REPAIRS/GENERAL REPAIRS 7/16/18-7/31/18 - FIRE
595073	20-Sep-2018	1,406.38	LAKEYLAND DBA NORTHWEST SAFETYCLEAN	NFPA ADVANCED CLEANING/REPAIRS/GENERAL REPAIRS 8/1/18 - FIRE
595074	20-Sep-2018	148.61	LANDMARK FORD	ACCT 5294 - PARTS FOR CITY EQUIPMENT - EQUIP SERVICES
595075	20-Sep-2018	17.34	LEXIS NEXIS RISK DATA MANAGEMENT INC	ACCT 1130110 - REPORTS/SEARCHES - 18AUG - CODE ENFORCEMENT - RECEIPT 137189 BY B THOMAS PER E-MAIL
595076	20-Sep-2018	796.75	LIFE SAFETY CORP	DBI FACTORY SRL RECERTIFICATION - MR50GB S/N 716343 - OPS CENTER WAREHOUSE - RECEIPT 136929 BY A FIVIAN
595077	20-Sep-2018	150.00	Livingston, Tracy B	BOOT REIMBURSEMENT

*Please contact Procurement Services if you would like to review the justification for EMERGENCY procurement.

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INVOICE PAYMENTS REPORT

Check Number	Check Date	Amount	Vendor Name	Description
595078	20-Sep-2018	3,902.40	LN CURTIS & SONS	CUST C32902 - ORDER 416008 - FIRE
595078	20-Sep-2018	4,205.92	LN CURTIS & SONS	CUST C32902 - ORDER 417390 - FIRE
595078	20-Sep-2018	2,047.25	LN CURTIS & SONS	CUST C38374 - ORDER 408836 - VPD
595079	20-Sep-2018	1,259.61	MALLORY SAFETY & SUPPLY LLC	CUST 16345 - ORDER 2294487 - OPERATING SUPPLIES - OPS CENTER
595080	20-Sep-2018	19,814.36	METEREADERS LLC	18AUG - MONTHLY METER READING SERVICES - UTILITIES - RECEIPT 136901 BY J JONES PER E-MAIL
595081	20-Sep-2018	504.48	Michael, Chad S	REIMBURSEMENT FOR LOCAL MILEAGE
595082	20-Sep-2018	3,816.76	MISCELLANEOUS	SUMMARY: CITY UTILITIES REFUNDS, PARKS REFUNDS & OTHER MISC REFUNDS
I				
595099				
595100	20-Sep-2018	1,793.29	MOBES BUSINESS FORMS INC	3200 CITATION BOOKS - PARKING
595100	20-Sep-2018	1,428.28	MOBES BUSINESS FORMS INC	PATIENT CARE FORMS - FIRE
595101	20-Sep-2018	1,470.00	MOTUS RECRUITING & STAFFING INTL	MOORE ALAN - W/E 08/19/18 - PAYROLL WORK DAY PROJ
595102	20-Sep-2018	2,318.20	MUNICIPAL EMERGENCY SERVICES INC	CUST C63793 - POINT BLANK AXIA AND ACCESSORIES - VPD
595103	20-Sep-2018	829.55	MUNNELL AND SHERRILL INC	SUMMARY: OPERATING SUPPLIES - EQUIP SERVICES & OPS CENTER
595104	20-Sep-2018	2,049.50	MURRAYSMITH INC	PROJ 18-2177 - WATER STATION 5-DRAIN REVISION - THRU 07/31/18 - MP ENG - RECEIPT 136966 BY H VASKELIS
595105	20-Sep-2018	500.00	NAGRA & ATWAL CORPORATION	OCT 18 OPS PARKING LEASE
595106	20-Sep-2018	4,178.05	NATIONAL PARK SERVICE	OCT 18 PEARSON AIR PARK LEASE
595107	20-Sep-2018	200.00	Neblock, Tammi L	CLOTHING ALLOWANCE REIMBURSEMENT FOR TAMMI NEBLOCK
595108	20-Sep-2018	2,208.05	NET TRANSCRIPTS	CUST 20-VANCOUVERPD - TRANSCRIPTION SERVICES - 08/02/18-08/10/18 - VPD - RECEIPT 136950 BY A CARMAN PER E-MAIL
595109	20-Sep-2018	39,072.41	NORTHWEST STAFFING RESOURCES	CITY WIDE TEMPORARY SERVICES - W/E 08/26/18
595110	20-Sep-2018	341.25	NW NATURAL	SUMMARY: NATURAL GAS
595111	20-Sep-2018	1,819.25	OBEC CONSULTING ENGINEERS INC	JOB 0503-0013.00 - SEISMIC IMPROVEMENTS-WATER TOWERS - THRU 07/31/18 - MP ENG - RECEIPT 136894 BY L JONES
595112	20-Sep-2018	813.00	ORCHARDS TOWING	SUMMARY: TOWING SERVICES
595113	20-Sep-2018	13,755.00	OSRAM SYLVANIA INC	SUMMARY: BRONZE LEVEL SERVICE AGREEMENT - 3 YRS - OP CENTER
595114	20-Sep-2018	341.64	OTIS ELEVATOR	CUST 734008 - 18SEP - MONTHLY ELEVATOR SERVICE - TOWER MALL BLDG - OP CENTER
595115	20-Sep-2018	874.63	PACIFIC FURNISHINGS	ORDER 15480 - RECEIVE/DELIVERY/INSTALLATION - HERMAN MILLER WORK CHAIR - THRU 08/24/18 - CITY HALL/IT - PROPERTY SERVICES
595116	20-Sep-2018	2,653.63	PARKEON	CUST S0130328 - SO P73766 - VARIOUS EQUIPMENT/SUPPLIES - SHIPPED 08/13/18 - PARKING
595117	20-Sep-2018	910.00	PAUL LEWIS	2017 CED HOURLY RATE ANALYSIS - 04/10/18-08/01/18 - CED
595118	20-Sep-2018	1.00	PORT OF VANCOUVER	2018 LEASE LS-0090 / INV 063674 / VANCOUVER LANDING LEASE - FACILITIES/L CARLSON
595119	20-Sep-2018	9,550.75	PPC SOLUTIONS INC	SUMMARY: SECURITY SERVICES - PATROL/SPECIAL EVENTS
595120	20-Sep-2018	110.20	PRAIRIE ELECTRIC INC	PERMIT WITHDRAWN
595121	20-Sep-2018	280.36	PRAXAIR DISTRIBUTION INC	SUMMARY: CO2 - PARKS & REC AQUATICS
595122	20-Sep-2018	1,617.00	QUICK CAPTION INC	18JUL - PROVIDE REMOTE BROADCAST CAPTIONING SERVICES - MEDIA SERVICES
595123	20-Sep-2018	9,925.55	QWEST CORP DBA CENTURY LINK	CITYWIDE PHONE LINES
595124	20-Sep-2018	187.00	Rayner, James Arnold	WDM TEST AND APPLICATION FEE REIMBURSEMENT
595125	20-Sep-2018	362.50	REED CREATIVE LLC	PROJ 18143.COV_ - CREATIVE SERVICES FOR LINEART/GLASS COASTER - THRU 08/23/18 - MEDIA SERVICES
595126	20-Sep-2018	200.00	RONALDO EXCONDE	08/12/18 - SUNDAY DANCE - MUSICAL ENTERTAINMENT - PARKS
595127	20-Sep-2018	536.00	ROTSCHY INC	CLIENT 59 - CONCRETE IN >2' W/STEEL, VAC TRUCK DUMP
595128	20-Sep-2018	600.00	RYAN GRADY DBA LIONEYE AERIALS	AERIAL PHOTOGRAPHY/DRONE FOOTAGE - 08/13/18 - CONSTRUCTION

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INVOICE PAYMENTS REPORT

Check Number	Check Date	Amount	Vendor Name	Description
595129	20-Sep-2018	682.49	S&B INC	ORDER 24942 - POWER SUPPLIES - 4 TOTAL - 08/23/18 - OP CENTER
595130	20-Sep-2018	454.80	SERVICEMASTER OF VANCOUVER	SUMMARY: BIO-HAZARD CLEAN-UP - ADDL DUE FOR PREVAILING WAGE FEES - OP CENTER
595131	20-Sep-2018	12,307.06	SHARE INC	PROJ 411004 - DAY CENTER STAFFING - 18AUG - CDBG FUNDING
595131	20-Sep-2018	2,962.11	SHARE INC	PROJ 414738 - ASPIRE HOUSING SERVICES - 18AUG - CDBG FUNDING
595131	20-Sep-2018	4,597.80	SHARE INC	PROJ 414836 - HUNGER RESPONSE - 18AUG - CDBG FUNDING
595131	20-Sep-2018	8,809.04	SHARE INC	PROJ 601705 - ASPIRE RENT ASSIST TBRA - 18AUG - HOME FUNDING
595132	20-Sep-2018	63.20	SHRED IT USA LLC	CUST 13620078 - ON-SITE DOCUMENT DESTRUCTION - 08/24/18 - FACILITIES
595133	20-Sep-2018	48.00	Skidmore, Chris	CLARK COUNTY EMPLOYEE A REIMBURSE FOR OUT OF POCKET EXPENSES
595134	20-Sep-2018	407.00	Smith, James	CLARK COUNTY EMPLOYEE A REIMBURSE FOR OUT OF POCKET EXPENSES
595135	20-Sep-2018	1,614.38	SOFTWARE HOUSE INTERNATIONAL SHI	SUMMARY: ADOBE ACROBAT LICENSES - IT
595136	20-Sep-2018	180.91	SONITROL OF SW WASHINGTON	PERMIT WITHDRAWN
595137	20-Sep-2018	30,790.00	SOUTHWEST WA HUMANE SOCIETY	CUST COV001 - MONTHLY ANIMAL CONTROL SERVICES - 18AUG - BUDGET - RECEIPT 137232 BY C ALLEMANG PER E-MAIL
595138	20-Sep-2018	3,125.00	SOUTHWEST WASHINGTON CHAPTER OF ICC	2018 CONFERENCE - 15 ATTENDEES FOR 25 MEETING DAYS - EARLY REGISTRATION RATE - CED
595139	20-Sep-2018	39,224.87	SPORTING SYSTEMS CORP	FN SLP SHOTGUN - DELTAPOINT PRO 7.5 - DELTAPOINT CROSS SLOT MOUNT - PROTAC2 RAIL MOUNT
595140	20-Sep-2018	127.15	STATE OF WASHINGTON	ACCT DOL K5418 - 2018 MAINTENANCE/INFORMATION SYSTEMS SUPPORT - 18SEP - PARKING
595141	20-Sep-2018	373.82	STERICYCLE INC	SUMMARY: MEDICAL WASTE REMOVAL/HAZARDOUS MATERIAL DISPOSAL - VPD & OPS CENTER
595142	20-Sep-2018	9,872.11	SYMPRO INC	CUST VANC - 2018 ANNUAL MAC SUPPORT MAINTENANCE - 10/01/18-09/30/19 - INFO TECH
595142	20-Sep-2018	912.52	SYMPRO INC	CUST VANC - CONSULTING/EXPENSE REIMBURSEMENT - THRU 08/09/18 - INFO TECH
595142	20-Sep-2018	54,200.00	SYMPRO INC	CUST VANC - SOFTWARE LICENSE/PROJ MGMT/MAINTENANCE - 05/01/18-04/30/19 - INFO TECH
595143	20-Sep-2018	322.00	TAPANI MATERIALS INC	06/25/18 - BRUSH & STRIPPINGS INTAKE - OP CENTER
595144	20-Sep-2018	13.50	Taylor, Christopher A (Chris)	REIMBURSE EMPLOYEE FOR OUT OF POCKET EXPENSES
595145	20-Sep-2018	250.00	Taylor, Denver Allen	CDL TEST REIMBURSEMENT
595146	20-Sep-2018	3,120.00	TEKSYSTEMS	BAKER MICHAEL - W/E 09/01/18 - INFO TECH - RECEIPT 137110 BY J SCHOESSLER PER E-MAIL
595146	20-Sep-2018	4,000.00	TEKSYSTEMS	LAWSON COREY - W/E 09/01/18 - INFO TECH - RECEIPT 137109 BY J SCHOESSLER PER E-MAIL
595147	20-Sep-2018	650.00	THE FALCONER	09/15/18 - RAPTOR EDUCATION SESSION - STURGEON FESTIVAL - WREC
595148	20-Sep-2018	4,665.00	TODD CLARK	06/02/18-08/09/18 - VANCOUVER SCULPTURE GARDEN RELOCATION PROJECT - PROFESSIONAL SERVICES/EXPENSE REIMBURSEMENT - CMO
595148	20-Sep-2018	390.17	TODD CLARK	07/01/18-08/01/18 - VANCOUVER SCULPTURE GARDEN RELOCATION PROJECT - EXPENSE REIMBURSEMENT (SEE APPROVAL DOCS ATTACHED TO INV 20180809 IN BATCH 180918MDHFIN2) - CMO
595149	20-Sep-2018	250.75	Torres, Hilary	WA STATE EMPLOYEE A REIMBURSE FOR OUT OF POCKET EXPENSES
595150	20-Sep-2018	108.40	TOWING & RECOVERY SERVICES INC	TOWING - '17 FORD FOCUS - LIC 501-KSL OR - FROM 12200 NE 33RD ST TO WEST PRECINCT - VPD
595151	20-Sep-2018	157.18	TOWING & RECOVERY SERVICES INC	TOWING - '17 FORD EXPLORER - LIC 66008D WA - FROM EVERGREEN & GRAND AVE TO WEST PRECINCT - VPD
595152	20-Sep-2018	493.76	TRIPLE J ENTERPRISES	SUMMARY: TOWING SERVICES
595153	20-Sep-2018	12.45	UNITED PARCEL SERVICE	18AUG - SHIPPER #856018 - SERVICE CHARGE - OPS CENTER

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INVOICE PAYMENTS REPORT

Check Number	Check Date	Amount	Vendor Name	Description
595154	20-Sep-2018	4,976.76	UNIVAR USA INC	CUST 107817 - ORDER 202833 - CAUSTIC SODA - OPS CENTER
595155	20-Sep-2018	1,568.74	US BANK	ACCT 869366948 - 18AUG UNLEADED FUEL CARD PURCHASES FOR MISC CITY VEHICLES - EQUIP SERVICES
595156	20-Sep-2018	28.60	VANCOUVER AIRE LLC DBA FRESH AIRE AIR FRESHENERS	ROUTE 3-2 14 - DEODORIZING SERVICE - THRU 08/21/18 - OP CENTER - RECEIPT 136997 BY P NEWTON PER E-MAIL
595157	20-Sep-2018	7,994.08	VANCOUVER DOWNTOWN ASSOCIATION	BANNER PROJECT FOR DOWNTOWN VANCOUVER - REIMBURSEMENT - BANNER SAVER KITS/SERVICES - THRU 09/11/18 - CMO
595157	20-Sep-2018	18,975.42	VANCOUVER DOWNTOWN ASSOCIATION	BANNER PROJECT FOR DOWNTOWN VANCOUVER - REIMBURSEMENT - CLAMPS FOR BANNER ARMS - THRU 08/23/18 - CMO
595158	20-Sep-2018	6,681.00	VANCOUVER USA REGIONAL TOURISM OFFICE	2018 LODGING TAX GRANT PROGRAM - REGIONAL TOURISM MARKETING - CMO
595158	20-Sep-2018	38,986.44	VANCOUVER USA REGIONAL TOURISM OFFICE	2018 LODGING TAX GRANT PROGRAM - REGIONAL TOURISM MARKETING WATERFRONT - CMO
595159	20-Sep-2018	200.00	VAST DATA CONCEPTS LLC	18AUG - MONTHLY USER FEE - INFO TECH - RECEIPT 136837 BY J SCHOESSLER PER E-MAIL
595160	20-Sep-2018	40.01	VERIZON WIRELESS SERVICES LLC	ACCT 972233911-00002 - MOBILE BROADBAND MONTHLY CHARGES 07/24/18-08/23/18 - J SEARS - FACILITIES
595161	20-Sep-2018	457.50	WA STATE FIRE FIGHTERS APPRENTICESHIP TRUST	03/26/18 - EDUCATION/TRAINING - 25% ADMIN FEE - BATES TECHNICAL COLLEGE SPRING 2018 - 5 STUDENTS - FIRE
595162	20-Sep-2018	15,277.32	WALDRON & COMPANY	SPECIAL OPS DIVISION CHIEF - CONSULTING SERVICES - INSTALLMENT 3 - THRU 07/23/18 - FIRE - RECEIPT 137181 BY C NELSON
595163	20-Sep-2018	4,689.65	WALTER E NELSON CO	CUST 21070 - ORDER 460519 - JANITORIAL SUPPLIES - OP CENTER
595163	20-Sep-2018	952.96	WALTER E NELSON CO	CUST 21070 - ORDER 963295 - JANITORIAL SUPPLIES - OP CENTER
595164	20-Sep-2018	41,839.87	WASTE CONNECTIONS INC	SUMMARY: GARBAGE AND RECYCLING SERVICES
595165				
595166	20-Sep-2018	6,491.47	WHY COMMUNITY	LODGING TAX GRANT - WHY RACING - GIRLFRIENDS/COLUMBIA RIVER/GIRLFRIENDS TRI FESTIVAL - CMO
595167	20-Sep-2018	29,731.93	WILCOX & FLEGEL	SUMMARY: FUEL - EQUIP SERVICES
595168	20-Sep-2018	4,946.71	WILLIAMS KASTNER & GIBBS PLLC	CLIENT 32569 - MATTER 0101 - LEGAL SERVICES - 07/02/18-07/31/18 - INVOKE VMC 3.05.200(2) - RISK
595169	20-Sep-2018	1,175.00	WILLIS OF SEATTLE INC	ACCT VANCOUV-01 - POL 018258044 - ENDORSEMENT 6 ADDING WATERFRONT PARK PIER - 10/01/16-10/01/18 - RISK
595170	20-Sep-2018	50.00	Wilson, Steve R	IAEI 2018 SW SECTIONAL MEETING
595171	20-Sep-2018	189.25	ZANE FRESHETTE	REIMBURSE WASHOUGAL EMPLOYEE FOR OUT OF POCKET EXPENSES WHILE IN TRAVEL STATUS
595172	20-Sep-2018	2,289.83	ZAYO GROUP, LLC	18SEP - SERVICE AGREEMENT, INTERNET SERVICE, TELECOMMUNICATIONS - IT
595173	20-Sep-2018	24,455.00	72 HOUR LLC	2018 FORD TRANSIT - VIN # NM0LS7E7XJ1369267 - SALES/USE TAX TO BE PAID SEPARATELY - EQUIP SERVICES
595174	24-Sep-2018	1,087.01	UNITED WAY OF THE COLUMBIA WILLAMETTE	PAYROLL
595175	24-Sep-2018	3,612.00	CHAPTER 13 - TRUSTEE	PAYROLL
595176	24-Sep-2018	7,364.87	LIFE INSURANCE CO OF NORTH AMERICA	PAYROLL
595177	24-Sep-2018	9,344.77	AMERICAN FAMILY LIFE ASSURANCE	PAYROLL
595178	24-Sep-2018	722.50	IAM LOCAL #1374	PAYROLL
595179	24-Sep-2018	18,779.14	IAFF LOCAL #452	PAYROLL
595180	24-Sep-2018	14,873.66	VANCOUVER POLICE OFFICER GUILD	PAYROLL
595181	24-Sep-2018	5,160.51	AFSCME LOCAL #307	PAYROLL
595182	24-Sep-2018	914.28	WESTERN METAL IND PENSION FUND	PAYROLL

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INVOICE PAYMENTS REPORT

Check Number	Check Date	Amount	Vendor Name	Description
595183	24-Sep-2018	5,054.83	OPEIU LOCAL #11	PAYROLL
595184	24-Sep-2018	2,785.80	WESTERN CONFERENCE OF TEAMSTERS	PAYROLL
595185	24-Sep-2018	550.00	MFS SERVICE CENTER INC	PAYROLL
595186	24-Sep-2018	672.00	TEAMSTERS LOCAL #58	PAYROLL
595187	24-Sep-2018	315.00	UA LOCAL #290	PAYROLL
595188	24-Sep-2018	72.36	LEGAL SHIELD	PAYROLL
	SUBTOTAL	2,637,633.57		
VISA	25-Sep-2018	1,094.00	MISCELLANEOUS	PARKS CLASS REFUNDS - FCC 09/18/18 - 09/24/18
VISA	25-Sep-2018	1,181.00	MISCELLANEOUS	PARKS CLASS REFUNDS - MCC 09/18/18 - 09/24/18
VISA	25-Sep-2018	650.00	MISCELLANEOUS	PARKS CLASS REFUNDS - SPECIAL EVENTS 09/18/18 - 09/24/18
VISA	24-Sep-2018	586.50	MISCELLANEOUS	PARKS CLASS REFUNDS - WREC 09/18/18 - 09/24/18
	SUBTOTAL	3,511.50		
	TOTAL	2,641,145.07		

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City of Vancouver
 Payroll Council Report
 Septemeber 18, 2018 - Septemeber 24, 2018

Check No.	Date	Explanation	Amount
		No payroll this period	

\$



Staff Report 139-18

TO: Mayor and City Council

FROM: Eric Holmes, City Manager

DATE: 10/1/2018

SUBJECT Proposed Partial Removal of a Development Agreement applying to five contiguous properties at 148th Avenue and Mill Plain Blvd

Key Points

- The site is zoned Community Commercial (CC). The applicant has proposed removal of the DA, which prohibits drive-through or 24-hour uses, outdoor or bulk sales, storage, car washes, gas stations or auto repair, auto rental or sales, industrial service and manufacturing uses. The DA also requires buildings to be placed near front setbacks with parking in the rear and with first floor building frontage features; enhanced landscaping and screening requirements; and transportation requirements effectively allowing only one additional vehicle access from the front of the properties to Mill Plain Blvd, and requiring coordinated access from the rear of all properties westward to 148th Avenue.
- The applicant has argued for removal of the Development Agreement (DA), particularly use limitations, noting that similarly zoned Mill Plain properties are not subject to these restrictions. At the Planning Commission hearing the applicant indicated that the DA transportation requirements were acceptable. The Planning Commission voted 4-2 to retain the use prohibitions, and building orientation and transportation requirements. At an August 20 worksession the City Council directed staff to explore a compromise position regarding use prohibitions, with consideration given to impacts on the abutting neighborhood north of the site, and policy goals of limiting passive economic uses.

Strategic Plan Alignment

N/A

Present Situation

The 2008 DA is derived from a 2002 concomitant rezone agreement which covered two additional properties east of the site, and included additional use restrictions. The site is surrounded by the East Vancouver Police Precinct to the east, a residential subdivision to the north, a credit union to the west and a senior housing facility to the south across Mill Plain Blvd. Within the site the westernmost three of the five properties are undeveloped, while the other two contain a long

standing tavern, and a commercial mini-mall built in 2007. Mill Plain Blvd. is a major east-west corridor with existing bus service and planned Bus Rapid Transit improvements, and contains a landscaped center median extending along most of the site frontage.

Proposed Amendments:

Based on Council direction, staff recommends amending the DA regarding allowed uses as follows:

- Continue to prohibit 24-hour uses, car washes, auto body shops, auto sales and rental, manufacturing and production, bulk sales and outdoor sales
- Allow self-storage and non-accessory parking only on parcel #164699000, located behind the mini mall and tavern and removed from Mill Plain.
- Allow drive through uses and gas stations.

Other DA provisions would be as recommended by the Planning Commission.

Advantage(s)

Amends and lessens DA requirements to allow property development more consistent with allowances on similarly zoned properties, while maintaining various protections for adjacent residences, and limiting passive economic uses on an active traffic and transit corridor.

Disadvantage(s)

Allowance for high traffic generators such as gas stations and drive-through uses fronting an almost continuous median may encourage use of nearby signalized intersections and/or adjacent streets for turn-arounds, but no significant concurrency or safety impacts are anticipated.

Budget Impact

No direct budget impacts.

Prior Council Review

- Council worksessions were held on July 2 and August 20, 2018.
- First reading of ordinance on September 17, 2018.

Action Requested

On Monday, October 1, 2018, subject to second reading and public hearing, approve the ordinance.

Bryan Snodgrass, Principal Planner, 487-7946

ATTACHMENTS:

- ▣ Ordinance with Exhibit
- ▣ Amended Development Agreement
- ▣ Exhibit - Legal Description

9/17/18
10/1/18

ORDINANCE NO. M _____

AN ORDINANCE relating to Comprehensive Plan and Zoning for the City of Vancouver and Vancouver Municipal Code (VMC) Title 20; partially rescinding a Development Agreement applying to five contiguous properties zoned Community Commercial (CC) at approximately 148th Avenue and Mill Plain Boulevard, specifically 14799, 14800, 14900, 14930 and 15000 Mill Plain Blvd, parcel numbers 167676000, 164700000, 164699000, 167650000, and 167633000; and authorizing the City Manager to enter into a Development Agreement, attached hereto as Exhibit A and referred to herein as “DA”.

WHEREAS, pursuant to the Growth Management Act the City Council has adopted a Comprehensive Plan for the City of Vancouver (Ordinance M-3994), and Title 20 zoning standards (last amended through Ordinance M-4034); and

WHEREAS, property owners Delta Management and Ken Yu have requested rescission of the DA adopted through Ordinance M-3096 on December 1, 2008, Clark County Auditors Recording number 4529049; and

WHEREAS, The Vancouver Planning Commission at a duly advertised public hearing on May 22, 2018, voted 4-2 to recommend partial rescission of the DA with retention of sections I, III.A, III.B, III.C, V.A, V.B, and VII addressing prohibited uses, building orientation requirements, and transportation requirements; and

WHEREAS, the Vancouver City Council at duly advertised worksessions on July 2 and August 2018, considered the proposal, and directed City staff to explore a compromise position on prohibited uses in the DA, in consideration of impacts to adjacent residences north of the property, and economic impacts of allowing passive economic uses on major vehicular and

ORDINANCE - 1

transit corridors such as Mill Plain Boulevard; and

WHEREAS, the City Council finds and concludes that the proposed partial rescission of the DA is consistent with all relevant criteria of Vancouver Municipal Code Chapter 20.250, Development Agreements; and

WHEREAS, the City Council conducted a duly advertised public hearing on October 1, 2018, following which the Council adopted the Planning Commission recommendations for approval; and

WHEREAS, the cumulative environmental impacts of the proposed Comprehensive “Plan and zoning changes have been reviewed and determined to be nonsignificant pursuant to the State Environmental Policy Act. Notices of Determination of Non-significance (DNS) were issued on May 14, 2018 for the proposed DA rescission, and no SEPA comments or appeals were received; and

NOW, THEREFORE,

BE IT ORDAINED BY THE CITY OF VANCOUVER:

Section 1. Findings and Conclusions. The Planning Commission findings and conclusions as set forth in the staff report for the May 22, 2018 public hearing, are hereby adopted as the City Council’s findings of fact; and

Section 2. Development Agreement. The City Manager is authorized to enter into a Development Agreement, attached hereto as Exhibit A herein.

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 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 upon adoption.

Section 5. 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: Councilmembers

Read Second Time:

PASSED BY THE FOLLOWING VOTE:

Ayes: Councilmembers

Nays: Councilmembers

Absent: Councilmembers

SIGNED this _____ day of _____, 2018

Anne McEnery-Ogle, Mayor

Attest:

Natasha Ramras, City Clerk
By: Carrie Lewellen, Deputy City Clerk

Approved as to form:

E. Bronson Potter, City Attorney

SUMMARY

ORDINANCE NO. M_____

AN ORDINANCE relating to Comprehensive Plan and Zoning for the City of Vancouver and Vancouver Municipal Code (VMC) Title 20; partially rescinding a Development Agreement applying to five contiguous properties zoned Community Commercial (CC) at approximately 148th Avenue and Mill Plain Boulevard, specifically 14799, 14800, 14900, 14930 and 15000 Mill Plain Blvd, parcel numbers 167676000, 164700000, 164699000, 167650000, and 167633000; and authorizing the City Manager to enter into a Development Agreement, attached hereto as Exhibit A and referred to herein as “DA”.

The full text of this ordinance will be mailed upon request. Contact Raelyn McJilton, Records Officer at 487-8711, or via www.cityofvancouver.us (Go to City Government and Public Records).

Ordinance Exhibit A – Development Agreement

TO BE RECORDED

RETURN ADDRESS

City of Vancouver
City Clerk's Office
PO Box 1995
Vancouver, WA 98668-1995

**DEVELOPMENT AGREEMENT
ASGHAR R. SADRI and KEN J. YU AND AGNES YU ET AL**

This Development Agreement ("Agreement") is entered into by and between the CITY OF VANCOUVER, a Washington Municipal Corporation ("City") and ASGHAR R. SADRI and KEN J YU and AGNES YU ET AL ("Sadri and Yu") and shall be effective as of the last signed date below.

RECITALS

WHEREAS, Sadri and Yu separately own lots comprising that certain real property, located in the City of Vancouver, more fully described as attached and incorporated by reference herein (hereafter, the "Properties"); and,

WHEREAS, Sadri and Yu have applied for a Covenant Release and a new Development Agreement to allow a greater range of uses on the Properties; and,

WHEREAS, the City is a Washington Municipal Corporation with land use planning and permitting authority over all land within its corporate limits; and,

WHEREAS, the City has the authority to enter into Development Agreements pursuant to RCW 36.70B.170 which provides:

The Legislature finds that the lack of certainty of the approval of development projects can result in a waste of public and private resources, escalate housing costs for consumers, and discourage the commitment to comprehensive planning which would make maximum efficient use of resources at the least economic cost to the public. Assurance to a development project applicant that upon government approval the project may proceed in accordance with existing policies and regulations, and subject to conditions of approval, all is set forth in a development agreement, will strengthen the public planning process, encourage private participation and comprehensive planning, and reduce the economic cost of development; and,

WHEREAS, the City is further authorized to enter into Development Agreements pursuant to Vancouver Municipal Code ("VMC") 20.250; and

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WHEREAS, in 2002 the City rezoned a larger area that includes the Properties to Community Commercial (CC), subject to a concomitant agreement that prohibited most retail uses, applied strict design criteria, required a joint cross-access agreement for all tax parcels between 148th Avenue and 155th Avenue, and limited access to each parcel; and

WHEREAS, the City twice modified the concomitant agreement to allow development of neighboring properties as a police precinct and a neighborhood park such that there no longer is cross-access to 155th;

NOW, THEREFORE, based on the foregoing Recitals, the parties agree as follows:

AGREEMENT

Development Agreement: This Agreement is a Development Agreement that applies to the properties described in the attachment to be implemented in accordance with RCW 36.70B.170 through RCW 36.70B.210 and VMC 20.250. It shall become a contract between Sadri and Yu and the City upon the City's approval by ordinance or resolution following a public hearing as provided for in RCW 36.70B.170 and VMC 18.55.340.

Effective Date and Duration of Agreement: This Agreement shall take effect immediately upon its adoption by the City Council and execution by all parties; provided that, any time periods specified in this Agreement shall be tolled pending any appeals of any city, state or federal land use decisions entitling Sadri and Yu to commence or complete development.

Vesting: The Properties shall be vested with the following uses, and mitigation measures, and design standards:

I. Uses

Unless otherwise stated, all uses permitted, either outright or pursuant to conditional use approval, within the Community Commercial - CC zone as per VMC Table 20.430.030-1, shall be allowed as such on the Properties. Except no drive-through, all-night, 24-hour services or establishments, car washes and body shops either free-standing or accessory to main use shall be permitted on the subject properties.

Uses Not Allowed. Bulk Sales. Outdoor Sales. Motor Vehicle Sales/Rental. Vehicle Fuel Sales. Non-Accessory Parking. Self-Service Storage. Industrial Services. Manufacturing and Production. (See VMC Chapter 20.160 Use Classifications for definitions).

II. Impact Mitigation

Development on the Properties shall be designed, screened, and buffered to minimize and mitigate negative impacts upon the adjacent residential neighborhood, including but not limited to light, glare, noise, odor, aesthetics, and security in accordance with applicable City, State, and other regulations.

III. Design Standards

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- A. Except as provided in this section, all setbacks, landscape standards, design and architectural standards, street and pedestrian standards, parking standards, floor area ratio and building coverage standards, storm water, sewer, water and other utility standards and all other planning or engineering standards applicable to the development of the Properties; all as provided for or identified on the approved CC zone, as amended.
- B. At least 75 percent of the width of any new or reconstructed first story building wall facing a public street or pedestrian way and 50 percent of the ground level wall area, which is defined as the area 9 feet above the grade, shall be devoted to interest-creating features, such as pedestrian entrances, reliefs, murals, landscaping, transparent show or display windows, or windows affording views into office or lobby space.
- C. Buildings in all future developments on the Properties shall be located at or near the lines demarcating setbacks from public streets; parking areas shall be located behind the buildings, away from public streets, to the extent possible. Primary ground floor building entrances shall have an entrance oriented to pedestrian-oriented streets, plazas, or parks. The building may also have other entrances as long as direct pedestrian access is provided from all entrances.
- D. New development on the Property shall provide a continuous, 20-foot-deep landscaped front yard (on Mill Plain) with three-foot-tall berm that is fully shrubbed.
- E. Use of the property shall mitigate noise and glare directed toward the neighborhood through the following:
 - 1. No outside display;
 - 2. No outside storage;
 - 3. Noise leaving the site will not exceed either the City's acoustic standards or the ambient noise level (whichever is higher at the given moment);
 - 4. Service bays will not face adjacent residential-zoned property to the north.
- F. All activities shall be conducted within an enclosed building.

IV. Landscaping

- A. Landscape Buffer. A ten (10) foot landscape buffer is required in order to reduce negative interaction between the commercial uses and the residential neighborhood to the north:

Required Materials. One (1) tree is required per thirty (30) lineal feet of property or as appropriate to provide a tree canopy over the landscaped area. In addition, 6 foot high

shrubs are required to form a continuous sight-obscuring screen. Groundcover plants must fully cover the remainder of the landscaped area.

- B. Fully Sight-Obscuring Fence. Where complete visual separation is needed to protect abutting uses, and landscaping alone cannot provide that separation.

Required Materials. A fence or wall shall be six (6) feet high and one hundred percent (100%) sight-obscuring. Fences may be made of bricks, masonry or other permanent materials. The responsible official may approve and condition an alternative landscape design and buffer standard that is that reduces the negative visual and noise impacts.

C. Landscape and Screening Standards for Storage and Equipment Areas.

1. Storage and equipment areas shall be screened from property used or zoned for residential purposes or a public road right-of-way. Storage areas include storage of solid waste and recyclables from the site and, where permitted, storage of goods, materials or equipment.
2. Rooftop and ground-level exterior equipment shall be screened from abutting property used or zoned for residential purposes or from an abutting public road right-of-way.

- D. Tree Selection. Trees may be deciduous or evergreen. The required tree height shall be measured from the ground level at final planting to the top of the tree.

1. Required deciduous trees shall be fully branched, have a minimum caliper of two (2) inches, and a minimum height of eight (8) feet at the time of planting.
2. Required evergreen trees (other than street trees) shall be fully branched and a minimum of six (6) feet high at the time of planting.
3. If the responsible official decides reducing the minimum size of trees will not detract from the desired effect of the trees, the minimum size of trees may be reduced if the applicant submits a written statement by a landscape architect registered in Washington or expert in the growing of the tree(s) in question certifying that the reduction in size at planting will not decrease the likelihood the trees will survive.

V. Access

- A. Developments on the subject parcels shall be designed to maximize compatibility with and minimize transportation impacts on the adjacent neighborhood and Mill Plain Boulevard.
- B. Developments on the Properties shall provide continuous access across each Lot comprising the Properties, such that all Lots comprising the Properties shall have access

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to both Mill Plain Boulevard and SE 148th Avenue, whether and upon development, redevelopment, additional site development, or expansion of an existing structure. The cross access ways shall not be built adjacent to Mill Plain Boulevard, and shall be designed to accommodate both pedestrian and vehicular site-related traffic. (See Cross Circulation Agreement).

C. No more than two direct access ways to Mill Plain Blvd shall be permitted from the Properties. These access ways may be joint driveways with direct access to two or more parcels.

D. Parcel 167676-000 shall take direct access from 148th Avenue only.

VI Traffic Circulation /Improvements

There is approximately 80 feet width right-of-way and approximately 60 feet of pavement along SE 148th frontage of the Properties. Sadri and Yu agree to the following improvements with the contingency that Yu does not pay for any of the improvements listed below in this section. Improvements shall be the responsibility of Sadri or the developer of the property:

A. S.E. 148th Avenue north of Mill Plain Boulevard along the frontage of the Properties is designated as a neighborhood circulator. Additionally, the intersection is limited to right-in/right-out. Therefore, 60 feet of pavement is not needed. It shall be modified to 26-feet to allow two travel lanes and no parking on either side of the road.

B. To accommodate the turning radius of large trucks entering 148th Avenue from Mill Plain, a right turn lane meeting WSDOT design standards is required.

C. The right of way width can be reduced from current approximately 80 feet down to 54 feet. The applicant could request a right of way vacation of approximately 13 feet on each side of the road. Right of way vacations are processed as a separate application and are subject to City Council approval.

D. The right of way for SE 148th Avenue can be 54 feet, which will allow 26 feet of roadway, 8 feet of landscaping strip and 6 feet of sidewalk on each side of the road.

E. A median with neighborhood sign shall be built to indicate that the vehicles are entering a residential neighborhood.

F. A total of two driveways will be allowed, one on each side of the road. The driveways will be required to be placed as far north as possible and need to be built as per City of Vancouver Standards. The driveways shall align with each other.

G. The driveways shall be built in a manner that would minimize or discourage cut-through traffic through the neighborhood along 5th Street.

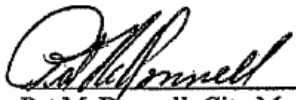
1. The driveway for the western property shall be built to allow a right-in/right-out and a left-in/no-left-out.
2. The driveway for the eastern property shall be built to allow a right-in, a left-turn-in, and a left-only out.

VII. Miscellaneous

- A. Failure by either party at any time to require performance by the other party of any of the provisions hereof shall in no way affect the parties' rights hereunder to enforce the same, nor shall any waiver by the party of the breach hereof be held to be a waiver of any succeeding breach or a waiver of this non- waiver clause.
- B. This Agreement shall be construed with, and governed by, the laws of the State of Washington. The parties agree to venue in the Superior Court for Clark County, State of Washington, to resolve any disputes that may arise under this Agreement.
- C. If any portion of this Agreement shall be invalid or unenforceable to any extent, the validity of the remaining provisions shall not be affected thereby.
- D. Binding on Successors and Recording: This Agreement is assignable and shall run with the land and be binding upon and insure to the benefit of the parties, their respective heirs, successors and assigns. This Agreement shall be recorded.
- E. Each of the recitals contained herein are intended to be, and are incorporated as, covenants between the parties and shall be so construed.
- F. This Agreement may only be amended by mutual agreement of the parties.

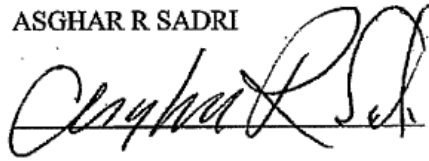
DATED this 1st day of December 2008.

CITY OF VANCOUVER, WASHINGTON

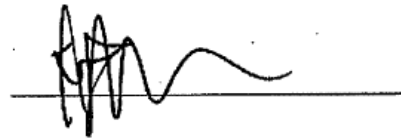


Pat McDonnell, City Manager

ASGHAR R SADRI



KEN J YU



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**AMENDED DEVELOPMENT AGREEMENT
ASGHAR R. SADRI and KEN J. YU and AGNES YU ET AL**

This Amended Development Agreement ("Agreement") is entered into by and between the CITY OF VANCOUVER, a Washington Municipal Corporation ("City") and ASGHAR R. SADRI and KEN J. YU and AGNES YU ET AL ("Sadri and Yu") and shall be effective as of the last signed date below. This Amended Agreement supersedes and replaces the Development Agreement entered into by and between the City and Sadri and Yu on December 1, 2008, which was recorded under Clark County Auditor number 4529049.

RECITALS

WHEREAS, Sadri and Yu separately own lots comprising that certain real property, located in the City of Vancouver, more fully described as attached and incorporated by reference herein (hereafter, the "Properties"); and,

WHEREAS, Sadri and Yu applied for a Covenant Release and a new Development Agreement to allow a greater range of uses on the Properties that resulted in the City and Sadri and Yu entering a Development Agreement on December 1, 2008 ; and,

WHEREAS, the City is a Washington Municipal Corporation with land use planning and permitting authority over all land within its corporate limits; and,

WHEREAS, the City has the authority to enter into Development Agreements pursuant to RCW 36.70B. 1 70 which provides:

The Legislature finds that the lack of certainty of the approval of development projects can result in a waste of public and private resources, escalate housing costs for consumers, and discourage the commitment to comprehensive planning which would make maximum efficient use of resources at the least economic cost to the public. Assurance to a development project applicant that upon government approval the project may proceed in accordance with existing policies and regulations, and subject to conditions of approval, all is set forth in a development agreement, will strengthen the public planning process, encourage private participation and comprehensive planning, and reduce the economic cost of development; and,

WHEREAS, the City is further authorized to enter into Development Agreements pursuant to Vancouver Municipal Code ("VMC") 20.250; and

WHEREAS, in 2002 the City rezoned a larger area that includes the Properties to Community Commercial (CC), subject to a concomitant agreement that prohibited most retail uses, applied strict design criteria, required a joint cross-access agreement for all tax parcels between 148th Avenue and 155th Avenue, and limited access to each parcel; and

WHEREAS, the City twice modified the concomitant agreement to allow development of neighboring properties as a police precinct and a neighborhood park such that there no longer is cross-access to 155th; and

WHEREAS, in 2018, Sadri and Yu requested that the 2008 Development Agreement be amended to remove certain restrictions, noting that similarly zoned Mill Plain properties are not subject to such restrictions; and

WHEREAS, the Parties agreed that the 2008 Development Agreement contained provisions, which no longer serve a public purpose;

NOW, THEREFORE, based on the foregoing Recitals, the Parties agree as follows:

AGREEMENT

Development Agreement: This Agreement is a Development Agreement that applies to the properties described in the attachment to be implemented in accordance with RCW 36.70B.170 through RCW 36.70B.210 and VMC 20.250. This Agreement amends the 2008 Development Agreement entered into between the parties. Once this Agreement becomes effective, it shall supersede and replace the Development Agreement entered into by and between the City and Sadri and Yu on December 1, 2008, which was recorded under Clark County Auditor number 4529049.

Effective Date and Duration of Agreement: City Council must approve this Agreement by ordinance or resolution following a public hearing as provided for in RCW 36.70B.170 and VMC 18.55.340. This Agreement shall take effect immediately upon its adoption by the City Council and execution by all parties; provided that, any time periods specified in this Agreement shall be tolled pending any appeals of any city, state or federal land use decisions entitling Sadri and Yu to commence or complete development.

Vesting: The Properties shall be vested with the following uses, and mitigation measures, and design standards:

I. Uses

Unless otherwise stated, all uses permitted, either outright or pursuant to conditional use approval, within the Community Commercial - CC zone as per VMC Table 20.430.030-1, shall be allowed as such on the Properties. Except no, all-night, 24-hour services or establishments, car washes and body shops either free-standing or accessory to main use shall be permitted on the subject properties.

Uses Not Allowed. Bulk Sales. Outdoor Sales. Motor Vehicle Sales/Rental... Industrial Services. Manufacturing and Production. (See VMC Chapter 20.160 Use Classifications for definitions).

Self-storage and non-accessory parking are not allowed, except self-storage and non-accessory parking shall be allowed only on parcel #164699000 located in the rear of the site.

II. [RESCINDED]

III. Design Standards

- A. Except as provided in this section, all setbacks, landscape standards, design and architectural standards, street and pedestrian standards, parking standards, floor area ratio and building coverage standards, storm water, sewer, water and other utility standards and all other planning or engineering standards applicable to the development of the Properties; all as provided for or identified on the approved CC zone, as amended.
- B. At least 75 percent of the width of any new or reconstructed first story building wall facing a public street or pedestrian way and 50 percent of the ground level wall area, which is defined as the area 9 feet above the grade, shall be devoted to interest-creating features, such as pedestrian entrances, reliefs, murals, landscaping, transparent show or display windows, or windows affording views into office or lobby space.
- C. Buildings in all future developments on the Properties shall be located at or near the lines demarcating setbacks from public streets; parking areas shall be located behind the buildings, away from public streets, to the extent possible. Primary ground floor building entrances shall have an entrance oriented to pedestrian-oriented streets, plazas, or parks. The building may also have other entrances as long as direct pedestrian access is provided from all entrances.
- D. [RESCINDED]
- E. [RESCINDED]
- F. [RESCINDED]

IV. [RESCINDED]

V. Access

- A. Developments on the subject parcels shall be designed to maximize compatibility with and minimize transportation impacts on the adjacent neighborhood and Mill Plain Boulevard.
- B. Developments on the Properties shall provide continuous access across each Lot comprising the Properties, such that all Lots comprising the Properties shall have access to both Mill Plain Boulevard and SE 148th Avenue, whether and upon

development, redevelopment, additional site development, or expansion of an existing structure. The cross access ways shall not be built adjacent to Mill Plain Boulevard, and shall be designed to accommodate both pedestrian and vehicular site-related traffic. (See Cross Circulation Agreement).

- C. No more than two direct access ways to Mill Plain Blvd shall be permitted from the Properties. These ways may be joint driveways with direct access to two or more parcels.
- D. Parcel 167676-00 shall take direct access from 148th Avenue only.

VI. [RESCINDED]

VII. Miscellaneous

- A. Failure by either party at any time to require performance by the other party of any of the provisions hereof shall in no way affect the Parties' rights hereunder to enforce the same, nor shall any waiver by the party of the breach hereof be held to be a waiver of any succeeding breach or a waiver of this non- waiver clause.
- B. This Agreement shall be construed with, and governed by, the laws of the State of Washington. The Parties agree to venue in the Superior Court for Clark County, State of Washington, to resolve any disputes that may arise under this Agreement.
- C. If any portion of this Agreement shall be invalid or unenforceable to any extent, the validity of the remaining provisions shall not be affected thereby.
- D. Binding on Successors and Recording: This Agreement is assignable and shall run with the land and be binding upon and insure to the benefit of the Parties, their respective heirs, successors and assigns. This Agreement shall be recorded
- E. Each of the recitals contained herein are intended to be, and are incorporated as, covenants between the Parties and shall be so construed.
- F. This Agreement may only be amended by mutual agreement of the Parties.

DATED this ____ day of _____ 2018.

CITY OF VANCOUVER

ASGHAR R. SADRI

Eric Holmes, City Manager

KEN J. YU

Attest:

Natasha Ramras, City Clerk
By: Carrie Lewellen, Deputy City Clerk

Approved as to form:

E. Bronson Potter, City Attorney

ATTACHMENT

PROPERTY SUBJECT TO THIS DEVELOPMENT AGREEMENT

Five parcels of land located north of Mill Plain Blvd., at or near its intersection of SE 148th and more particularly describe as follows:

FIRST PARCEL:

Assessor's Parcel Number: 167676-000

Site Address: 14799 SE MILL PLAIN BL, VANCOUVER, 98684

Abbreviated Legal Description: #60 SEC 35 T2N R2EWM 1.18A

Complete Legal Description:

#60 SEC 35 T2N R2EWM 1.18A A PTN OF NEQ SEC 35 DAF: BEG AT A 5/8 IN IR RD AT SW COR OF PLAT OF SHALIMAR-II ALSO BG SW COR OF LOT 138 SHALIMAR-II TH S 79DG 54MIN 09SEC E ALG SLY BNDRY OF SHALIMAR-II 206.94 FT TO A 5/8 IN IR RD AT W R/W OF NE 148TH AVE TH SLY ALG W R/W OF SD NE 148TH AVE (AS SHWN ON PLAT OF SHALIMAR-II) ALG A 599.64 FT RAD CRV TO LEFT 227.64 FT (CNTRL ANGL OF 21DG 45MIN 11SEC) TO A 5/8 IN IR RD TH S 02DG 02MIN 30SEC W 49.39 FT TO A 5/8 IN IR RD TH ALG A 22 FT RAD CRV TO RT 37.65 FT (CNTRL ANGL OF 98DG 03MIN 21SEC) TO A 5/8 IN IR RD ON N R/W OF MILL PLAIN BLVD (SD N R/W BG NLY AT RT ANGLS 50 FT FRM C/L OF MILL PLAIN BLVD) TH N 79DG 54MIN 09SEC W ALG N R/W 131.37 FT TO A 5/8 IN IR RD AT SLY EXTN OF W LI OF SHALIMAR-II TH N 00DG 42MIN 50SEC E ALG W LI OF J DUBACK JR TT PER VOL 21 PG 256 304.07 FT TO POB EXC THRFM ANY PTN WCH LIES WIN BNDYS OF THT CTN TT MF 7909110006

SECOND PARCEL:

Assessor's Parcel No: 164700-000

Tax Status: Regular Parcel

Site Address: 14800 SE MILL PLAIN BL, VANCOUVER, 98684

Abbreviated Legal Description: #4 SEC 26 T2N R2EWM 2.72A M/L

Complete Legal Description:

#4 SEC 26 T2N R2EWM 2.72A M/L PTN NEQ SEC 35-2-2 DAF: BEG AT 5/8 IN IR RD AT SW COR PLAT OF SHALIMAR II ALSO BG SW COR LOT 138 SHALIMAR

II TH S 79DG 54MIN 09SEC E ALG SLY BNDRY OF SHALIMAR II 206.94 FT TO A 5/8 IN IR RD AT W R/W OF NE 148TH AVE TH SLY ALG W R/W SD NE 148TH AVE AS SHWN ON PLAT OF SHALIMAR II ALG A 599.64 FT RAD CRV TO LEFT 227.66 FT CNTRL ANG OF 21DG 45MIN 11SEC TO A 5/8 IN IR RD TH S 02DG 02MIN 30SEC W 49.39 FT TO A 5/8 IN IR RD TH ALG A 22 FT RAD CRV TO RT 37.65 FT CNTRL ANG OF 98 DG 03MIN 21SEC TO A 5/8 IN IR RD ON N R/W OF MILL PLAIN BV SD N R/W BG NLY AT RT ANG 50 FT FRM C/L OF MILL PLAIN BV TH N 79DG 54MIN 09SEC W ALG N R/W 131.37 FT TO A 5/8 IN IR RD AT SLY EXTN OF W LI OF SHALIMAR II TH N 00DG 42MIN 50SEC E 304.07 FT TO POB ALSO A PTN NEQ SEC 35-2-2 DAF: BEG AT A 5/8 IN IR RD AT SW COR LOT 1 SHALIMAR II TH S 79DG 54MIN 09SEC E ALG S LI OF SHALIMAR II VOL G PG 790 TO W LI OF TT CVYD TO W V TEUSCHER PER G-732017 TH S ALG W LI SD TEUSCHER TT TO NLY R/W LI OF MILL PLAIN RD TH NWLY ALG NLY R/W LI OF SD MILL PLAIN RD TO A 5/8 IN IR RD AT BEG OF ENTRANCE RD NE 148TH AV TO SHALIMAR II TH ALG E R/W NE 148TH AVE ALG A 22 FT RAD CRV TO RT 31.46 FT CNTRL ANG OF 81DG 56MIN 39SEC TO A 5/8 IN IR RD TH N 02DG 02MIN 30SEC E 66.94 FT TO A 5/8 IN IR RD TH NLY ALG A 519.64 FT RAD CRV TO RT 206.36 FT CNTRL ANG OF 22DG 45 MIN 11SEC TO A 5/8 IN IR RD TH NLY ALG A 360.54 FT RAD CRV TO LEFT CNTRL ANG OF 1DG 39MIN 41SEC 10.45 FT TO POB EXC #60

THIRD PARCEL:

Assessor's Parcel No: 164699-000

Tax Status: Regular Parcel

Site Address: 14900 SE MILL PLAIN BL, VANCOUVER, 98684

Abbreviated Legal Description: #3 SEC 26 T2NR2EWM .82A

Complete Legal Description:

#3 SEC 26 T2NR2EWM .82A PTN NEQ SEC 35-2-2 DAF: BEG AT INTERS OF S LI OF SHALIMAR-IV BK G PG 820 & E LI OF NEQ SD SEC 35 TH S ALG E LI SD NEQ TO NE COR OF TT CVYD TO E BARBIER PER F-43257 TH N 89DG 14MIN 22SEC W ALG N LI SD BARBIER TT & N LI OF THT TT CVYD TO S F WAGNER PER G-601384 632.94 FT TO A 5/8 IN IR RD AT NW COR SD WAGNER & NELSON TT TH S 6DG 31MIN 19SEC W ALG W LI SD WAGNER & NELSON TT TO N R/W LI OF MILL PLAIN BV TH NWLY ALG NLY R/W LI OF MILL PLAIN BV TO W LI OF TT CVYD TO W V TEUSCHER PER G-732017 TH N ALG W LI SD TEUSCHER TT TO S LI SHALIMAR-II VOL G PG 790 TH SELY ALG S LI OF SHALIMAR-II & SHALIMAR-IV TO POB EXC BEG AT INTRSN OF E LI OF SD SEC 35 WI C/L OF EAST MILL PLN RD TH N 341 FT TH W 233 FT TO NW COR OF TT CVYD TO CITY OF VANC PER AF 3806910 SD PT BG TPOB TH N ALG A LI EX- TNDD NLY FRM W LI OF SD CITY OF VANC TT 52.5 FT M/L TO S LI OF

SHALIMAR PH IV VOL G PG 820 TH SELY ALG S LI OF SHALIMAR IV TO E LI
OF NEQ OF NEQ SD SEC 35 TH S ALG E LI OF NEQ OF NEQ 15.5 FT M/L TO NE
COR OF TT CVYD TO CITY OF VANC PER AF 3806910 TH W ALG N LI OF CITY
OF VANC TO NW COR THOF SD PT BG TPOB

FOURTH PARCEL:

Assessor's Parcel No: 167650-000

Tax Status: Regular Parcel

Site Address: 14930 SE MILL PLAIN BL, VANCOUVER, 98684

Abbreviated Legal Description: #33 SEC 35 T2N R2EWM 1.00A

Complete Legal Description:

#33 SEC 35 T2N R2EWM 1.00A THAT PTN OF NE1/4 SEC 35-2-2 DAF: BAAP OF
INTERSEC OF C/L OF MILL PLAIN RD WITH E LI OF SD SEC 35 TH N ON SD E
LI 341 FT TH W 9.59 CHS TO NW COR OF THE WAGNER & NELSON TT PER DD
G601384 AND TPOB TH E ALG N LI OF SD WAGNER & NELSON TT 215 FT TH S
PLWI E LI OF SD SEC 35 A DIST OF 220 FT M/L TO N LI OF SD MILL PLAIN RD
TH N 80 DG 35' W ALG N LI OF SD MILL PLAIN RD 218 FT M/L TO SW COR OF
WAGNER & NELSON TT TH N 185 FT M/L TO TPOB

FIFTH PARCEL:

Account No: 167633-000

Tax Status: Regular Parcel

Site Address: 15000 SE MILL PLAIN BL, VANCOUVER, 98684

WM .95A

Abbreviated Legal Description: #14 SEC 35 T2N R2E

Complete Legal Description:

CNTR LI OF MILL PLAIN RD
H W 9.59 CHS TH S 235 FT
35 MIN E 10 CHS TO POB EXC
257 EXC CO OR PUB RDS.
EXC #33

#14 SEC 35 T2N R2EWM .95A BAAP OF INTERS OF
WI E LI OF SEC 35 TH N ALG SEC LI 341 FT TAP T
M/L TO CNTR OF SD MILL PLAIN RD TH S 80 DG
E 233 FT THOF CNVE TO EDWD A BARIER DD F43

Recorders Note

Legibility poor in a portion of
this document when received



Staff Report 130A-18

TO: Mayor and City Council

FROM: Eric Holmes, City Manager

DATE: 10/1/2018

SUBJECT Vancouver Police Department 2016-2020 Staffing Plan – Revenue replacement plan

Key Points

The attached ordinance would repeal and replace the per square foot and per multi-family unit Business License Surcharge (“new surcharges”) currently scheduled to go into effect on 1/1/2019 with a combination of utility tax increase on City-owned utilities and expansion of the per FTE Business License Surcharge and the business license fee. Specifically, this ordinance will:

- Phase in an elimination of the four hundred (400) employee cap on the number of employees subject to the FTE business license surcharge (VMC 5.04.095);
- Reduce exemptions from the business license fee, while maintaining the current exemptions for the business license surcharge for select not-for-profit organizations. (VMC 5.04.075)
- Increase the base business license fee from \$125/year to \$200/year, effective January 1, 2019.
- Repeal provisions related to the indoor space license fee surcharge on retail, commercial, industrial space and residential units, effective January 1, 2019. (VMC 5.04.096)
- Increase the gross receipts tax on water, sewer, storm/surface water and solid waste by 2.4% effective January 1, 2019, and by another 1.6% effective January 1, 2020. (VMC 5.92.010, 5.93.010, and 5.94.030)
- Increase water, sewer, surface water, and solid waste rates to reflect the new utility tax rates, effective January 1, 2019, and January 1, 2020 (VMC 14.04.210, 14.04.230, 14.09.060, 6.12.208, 6.12.209, 6.12.210, 6.12.211 and 6.12.212).

These changes were contemplated as part of the adoption of Ordinances M-4192 and M-4193.

Strategic Plan Alignment

N/A

Present Situation

In February 2017 the City Council adopted a revenue and staffing package (herein referred to as “resourcing package”) to support an increase in sworn and civilian positions that would close identified gaps in key service areas of the Vancouver Police Department (VPD). The resourcing package is intended to add 42 sworn and 19 civilian positions to VPD by 2020.

The package was designed to be implemented over a 5-year period, with staffing increases generally matched with a concurrently phased in set of revenues. The package was adopted based on Community Resource Team recommendations, which were developed through a broad-based, inclusive community engagement effort over the preceding 10 months.

This revenue package adopted by City Council included a \$20 increase in the existing per FTE business license surcharge (to a total of \$90 per FTE per year), a 3.4% increase to the utility tax rate on City-owned utilities (sewer, water, drainage, garbage) and a new indoor space business license fee surcharge for retail, commercial and industrial businesses and a per-unit surcharge for leased multi-family residential units. The new business license surcharges (per square foot and per multi-family unit) were approved to become effective on 1/1/2019, while other funding components of the package have already been implemented. Of the total combined resources dedicated to police, the new business license surcharges represent \$6.1 million in annual revenue. This dollar amount included the costs for the City to administer the new tax, which was estimated to be approximately \$0.25 million annually; the net revenue dedicated to police would have been approximately \$5.8 million.

The Council action to adopt a multi-year funding package for police included legislative intent to consider alternative funding sources to the new surcharges in the context of a larger, more comprehensive plan for sustainable, stable and streamlined resourcing for all City services.

As a result, the City initiated an extensive community engagement effort in the spring of 2017 referred to as Vancouver Strong. Central to the Vancouver Strong engagement efforts is the Executive Sponsors Council (ESC), a nine-member advisory group composed of leaders from business, not-for-profit, diverse and volunteer communities. Since May 2017 the ESC has been engaged in developing a recommended comprehensive, long-term, streamlined funding solution to close identified gaps in core City services and to more fully implement the City’s strategic plan. The first actionable component of their work is the replacement revenue source for the business license surcharge portion of the original police resourcing package.

In June of 2018, the ESC presented at a Council workshop their recommendation for replacement revenue to fund police. The ESC recommendation includes replacing the per square foot and per multi-family unit surcharge with a combination of increased utility tax on water, sewer, drainage and solid waste and an expansion of the per FTE business license surcharge to cover the not-for-profit organizations, as well as eliminating the 400 FTE cap per business. Their recommendation included a recognition that Council may wish to consider phasing in implementation of the replacement revenue, as well as take into account the unique considerations of including nonprofits as subject to the FTE surcharge.

While eliminating the 400 FTE cap per business ultimately applies to a relatively small number of all businesses in Vancouver, in some instances the difference between the current cap and actual FTEs subject to the fee is substantial. By providing for a two-year phase out of the cap, the City provides a longer transition period and multiple fiscal periods for effected businesses to plan for and accommodate the change.

At the June workshop, Council expressed an interest in additional engagement with the nonprofit sector to gather feedback on the recommendation to include them as subject to the surcharge. Council was further interested in additional phasing scenarios of the proposed fee and surcharge. On September 10, 2018, three additional scenarios of generating the replacement revenue for the police resourcing package were presented to Council. All three scenarios preserved the main replacement revenue principles as presented by the Vancouver Strong Executive Council. Those principles included:

- Expanding the base of the current business license surcharge to the greatest extent possible;
- Closing the remaining gap through a utility tax increase; and
- Considering phasing options to ease implementation.

Council supported the scenario that increased the business license fee from the current \$125 to \$200 per year, reduced exemptions from the business license fee while maintaining the current exemptions from the business license surcharge, and removed the cap on the number of FTEs per company subject to the business license surcharge over a two year period. The scenario also maintained a utility tax increase of 4% over the two-year time period.

The proposed ordinance reflects changes to the respective ordinances in accordance with the above mentioned scenario: a phasing proposal, with the cap of FTEs per business being increased from 400 to 799 per company in year 2019, and removing the cap in 2020; an increase in the business license fee per company or nonprofit organization per year from \$125 to \$200; and reduction in exemptions from the business license fees. The City would also utilize a combination of its undesignated General Fund in 2019 to offset the lost revenue in 2019. The utility tax increase on water, sewer, drainage and solid waste is recommended at 2.4% in 2019 and an additional 1.6% in 2020.

In addition to the changes above, the 2017 Washington State Legislature passed a law requiring cities with business licenses to administer their business license program through the state's Business Licensing System by 2022 or File Local by 2020 and to adopt the model ordinance by October 17, 2018. The model ordinance includes a mandatory definition of "engaging in business" and a minimum threshold exception to establish when out-of-town or transient businesses are required to be licensed. The City is already administering its business license program through File Local and has current provisions compliant for the most part with the model ordinance. The model ordinance has recommended including a \$2,000 threshold level, or higher, per year for out-of-city businesses. The city's current limit is \$12,000 per year. The proposed ordinance brings the City in compliance with the model ordinance, but does not recommend changing income thresholds.

Advantage(s)

- The proposed changes to funding of the increase in police services would replace the cumbersome and complex to administer BLS per square foot and per multi-family unit with a combination of revenues that are significantly easier to administer for both the City and payers. In addition, the expansion of the base that pays the surcharge adds equity and resilience to this particular revenue stream.
- Not-for-profit 501c(3) organizations will remain exempt from paying a per FTE business license surcharge.
- The proposed replacement revenue will continue to support increased staffing levels in Police.

Disadvantage(s)

- The proposed changes would result in not-for-profit organizations having to pay the annual business license fee.
- In general, the cost of water, sewer, drainage and solid waste will increase due to the increase in the utility tax on these utilities.

Budget Impact

None. The proposal would replace one revenue stream with an alternate stream resulting in no net change in resources.

Prior Council Review

- Council retreat - February 23, 2018
- Council workshop on recommended package - June 18, 2018
- Council workshop on further refinement of the recommendations - September 10, 2018

Action Requested

On October 1, 2018, subject to second reading and public hearing, approve ordinance.

Natasha Ramras, Chief Financial Officer, 487-8484

ATTACHMENTS:

- ▣ Ordinance
- ▣ ESC Recommendation Memo dated June 11, 2018

09/24/18
10/01/18

ORDINANCE M- _____

AN ORDINANCE amending Vancouver Municipal Code (VMC) Sections 5.04.020, 5.04.075, 5.04.090, 5.04.095, 5.92.010, 5.93.010, 5.94.030, 14.04.210, 14.14.230, and 14.09.060 to amend business license fee limitations and exemptions; to increase water, sewer, and stormwater rate and taxes; and to increase solid waste taxes to fund additional police protection services; and repealing Section 5.04.096 business license fees based on square footages for commercial, industrial, and multi-family residential rental properties; providing for savings, severability, ratification, and an effective date.

WHEREAS, the City business license fee provided for under VMC 5.04.095 is for purposes of revenue, and not regulatory purposes; and

WHEREAS, the City Council in 2016 appointed a 20-member Community Resource Team (CRT), representing community, business, faith organizations, neighborhoods and the City Council, whose charter was to develop sustainable approach to funding an increase in police service level between 2017 and 2020. The CRT recommended imposing a per square foot business license surcharge on retail, commercial and industrial properties and per multi-family unit business license surcharges on multi-family dwellings over four units to fund a large portion of the new revenue. and

WHEREAS, City Council, pursuant to the recommendations in the report of the CRT, adopted two ordinances M-4192 making changes to the City business license tax ordinance and M-4193 making changes to the City utility tax ordinance; and

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WHEREAS, the local businesses and housing community has requested the Council to replace the per square foot license and per multi-family unit surcharge with an alternate revenue source and simplify the business license surcharge tool; and

WHEREAS, after adoption of 2017 business license and utility ordinances, the City Council initiated the Vancouver Strong process to engage the community in a discussion about a comprehensive, long term structural solution to funding the city's capital and service needs; and

WHEREAS, the Vancouver Strong Executive Sponsors Council, reviewed the funding mechanisms approved by the City Council to support police services and recommended a simpler way to raise the needed revenue; and

WHEREAS, the Vancouver Strong Executive Sponsors Council recommended elimination of the per square foot business license surcharges and per multi-family unit business license surcharge and replacement of the lost revenue by an increase in the utility tax and elimination of certain exemptions and limitations to the employee business license surcharge; and

WHEREAS, Council modified the Vancouver Strong Executive Sponsors Council recommendations based on the feedback received; and

WHEREAS, the revenue-raising purpose for businesses license surcharge does not require precision in making classifications but does require a rational basis in establishing fees among different classes of taxpayers; and

WHEREAS, Council has exempted non-profits from paying the business license fee and the surcharge in the past to support such non-profits charitable purpose and because such non-profits are typically small organizations and the surcharge will be an administrative and financial burden on them; and

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WHEREAS, Council believes, however, that the non profit organizations should contribute to sharing the costs of enhanced police services.

NOW, THEREFORE,

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF VANCOUVER:

SECTION 1. Legislative Findings. The recitals set forth above are adopted as the legislative findings of the City Council of the City of Vancouver in support of adoption of this ordinance.

SECTION 2. Vancouver Municipal Code Section 5.04.020 as last amended by M-4192 is amended to read as follows:

Section 5.04.020 Definitions.

In construing the provisions of this chapter, except where otherwise declared or clearly apparent from the context, the following definitions shall be applied:

- a. "Tax" or "taxable year" means either the calendar year or the taxpayer's fiscal year when permission is obtained from the Director of Financial & Management Services to use a fiscal year in lieu of the calendar year.
- b. "Person" or "company," herein used interchangeably, means any person, individual, receiver, assignee, trustee in bankruptcy, trust, estate, firm, copartnership, joint venture, club, company, joint stock company, business trust, corporation, association, society, or any group of individuals acting as a unit, whether mutual, cooperative, fraternal, nonprofit or otherwise, and also includes the United States or any instrumentality thereof, provided a valid tax may be levied upon or collected there from under the provisions of this chapter.
- c. "Sale" includes the exchange of property as well as the sale thereof for money; and also includes conditional sales contracts, leases with option to purchase and any other contract

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under which possession of the property is given to the purchaser but title is retained by the vendor as security for the payment of the purchase price. It shall also be construed to include the furnishing of food, drink, or meals for compensation, whether consumed upon the premises or not.

- d. "Gross proceeds of sales" means the value proceeding or accruing from the sale of tangible personal property and for services rendered without any deduction on account of the cost of property sold, the cost of materials used, labor costs, interest, discount paid, delivery costs, taxes or any other expense whatsoever paid or accrued and without any deduction on account of losses.
- e. "Gross income of the business" means the value proceeding or accruing by reason of the transaction of the business engaged in and includes gross proceeds of sales, compensation for the rendition of services, gains realized from trading in stocks, bonds, or other evidences of indebtedness, interest, discount, rents, royalties, fees, commissions, dividends and other emoluments however designated, all without any deduction on account of the cost of tangible property sold, the cost of materials used, labor costs, interest, discount, delivery costs, taxes or any other expense whatsoever paid or accrued and without any deduction on account of losses.
- f. "Value proceeding or accruing" means the consideration, whether money, credits, rights or other property expressed in terms of money, actually received or accrued. The term shall be applied, in each case, on a cash receipts or accrual basis according to which method of accounting is regularly employed in keeping the books of the taxpayer. The Director of Financial & Management Services may provide by regulation that the value proceeding or

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accruing from sales on the installment plan under conditional contracts of sale may be reported as of the dates when the payments become due.

- g. "Extractor" means every person who, from his own land or from the land of another under a right or license granted by lease or contract, either directly or by contracting with others for the necessary labor or mechanical services, for sale or commercial use, mines, quarries, takes or produces coal, oil, natural gas, ore, stone, sand, gravel, clay, mineral or other natural resource product, or fells, cuts or takes timber or other natural products, or takes, cultivates, or raises fish, shellfish or other sea or inland water foods or products.
- h. "Manufacturer" means every person who, either directly or by contracting with others for the necessary labor or mechanical services, manufactures for sale or for commercial or industrial use from his own materials or ingredients any articles, substances, or commodities. When the owner of equipment or facilities furnishes or sells to the customer prior to manufacture, all or a portion of the materials that become a part or whole of the manufactured article, the Director of Financial & Management Services shall prescribe equitable rules for determining tax liability.
- i. "To manufacture" embraces all the activities of a commercial or industrial nature wherein labor or skill is applied, by hand or machinery, to materials so that as a result thereof a new, different or useful article of tangible personal property is produced for sale or commercial or industrial use and shall include the production or fabrication of special-made or custom-made articles.
- j. "Business" includes all activities, engaged in with the object of gain, benefit or advantage to the taxpayer or to another person or class, directly or indirectly.

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k. "Engaging in business" means ~~commencing, conducting or continuing in business, leasing or renting living space to residential tenants, and also the exercise of corporate or franchise powers as well as liquidating a business when the liquidators thereof hold themselves out to the public as conducting such business.~~

1. Commencing, conducting, or continuing in business, and also the exercise of corporate or franchise powers, as well as liquidating a business when the liquidators thereof hold themselves out to the public as conducting such business.
2. This section sets forth examples of activities that constitute engaging in business in the City, and establishes safe harbors for certain of those activities so that a person who meets the criteria may engage in de minimus business activities in the City without having to pay a business license fee. The activities listed in this section are illustrative only and are not intended to narrow the definition of "engaging in business" in subsection (1). If an activity is not listed, whether it constitutes engaging in business in the City shall be determined by considering all the facts and circumstances and applicable law.
3. Without being all inclusive, any one of the following activities conducted within the City by a person, or its employee, agent, representative, independent contractor, broker or another acting on its behalf constitutes engaging in business and requires a person to register and obtain a business license.
 - a) Owning, renting, leasing, maintaining, or having the right to use, or using, tangible personal property, intangible personal property, or real property permanently or temporarily located in the City.

- b) Owning, renting, leasing, using, or maintaining, an office, place of business, or other establishment in the City.
- c) Soliciting sales.
- d) Making repairs or providing maintenance or service to real or tangible personal property, including warranty work and property maintenance.
- e) Providing technical assistance or service, including quality control, product inspections, warranty work, or similar services on or in connection with tangible personal property sold by the person or on its behalf.
- f) Installing, constructing, or supervising installation or construction of, real or tangible personal property.
- g) Soliciting, negotiating, or approving franchise, license, or other similar agreements.
- h) Collecting current or delinquent accounts.
 - i) Picking up and transporting tangible personal property, solid waste, construction debris, or excavated materials.
 - (j) Providing disinfecting and pest control services, employment and labor pool services, home nursing care, janitorial services, appraising, landscape architectural services, security system services, surveying, and real estate services including the listing of homes and managing real property.
- (k) Rendering professional services such as those provided by accountants, architects, attorneys, auctioneers, consultants, engineers, professional athletes, barbers, baseball clubs and other sports organizations, chemists, consultants, psychologists,

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court reporters, dentists, doctors, detectives, laboratory operators, teachers, veterinarians.

- (l) Meeting with customers or potential customers, even when no sales or orders are solicited at the meetings.
 - (m) Training or recruiting agents, representatives, independent contractors, brokers or others, domiciled or operating on a job in the City, acting on its behalf, or for customers or potential customers.
 - (n) Investigating, resolving, or otherwise assisting in resolving customer complaints.
 - (o) In-store stocking or manipulating products or goods, sold to and owned by a customer, regardless of where sale and delivery of the goods took place.
 - (p) Delivering goods in vehicles owned, rented, leased, used, or maintained by the person or another acting on its behalf.
- (4) If a person, or its employee, agent, representative, independent contractor, broker or another acting on the person's behalf, engages in no other activities in or with the City but the following, it need not register and obtain a business license.
- (a) Meeting with suppliers of goods and services as a customer.
 - (b) Meeting with government representatives in their official capacity, other than those performing contracting or purchasing functions.
 - (c) Attending meetings, such as board meetings, retreats, seminars, and conferences, or other meetings wherein the person does not provide training in connection with tangible personal property sold by the person or on its behalf. This provision does not apply to any board of director member or attendee engaging in business such as a member of a board of directors who attends a board meeting.
 - (d) Renting tangible or intangible property as a customer when the property is not used in the City.

(e) Attending, but not participating in a "trade show" or "multiple vendor events".

Persons participating at a trade show shall review the City's trade show or multiple vendor event ordinances.

(f) Conducting advertising through the mail.

(g) Soliciting sales by phone from a location outside the City.

(5) A seller located outside the City merely delivering goods into the City by means of common carrier is not required to register and obtain a business license, provided that it engages in no other business activities in the City. Such activities do not include those in subsection (4).

The City expressly intends that engaging in business include any activity sufficient to establish nexus for purposes of applying the license fee under the law and the constitutions of the United States and the State of Washington. Nexus is presumed to continue as long as the taxpayer benefits from the activity that constituted the original nexus generating contact or subsequent contacts.

- l. "Cash discount" means a deduction from the invoice price of goods or charge for services which is allowed if the bill is paid on or before a specified date.
- m. "Tuition fee" includes library, laboratory, health service and other special fees, and amounts charged for room and board by an educational institution when the property or service for which such charges are made is furnished exclusively to the students or faculty of such institution; provided, that the term "educational institution," as herein used, shall be construed to mean only those institutions created or generally accredited as such by the state and offering to students an educational program of a general academic nature, or those institutions which are not operated for profit and which are privately endowed under a deed of trust to offer instruction in trade, industry and agriculture, but not including specialty schools, business colleges, trade schools or similar institutions.
- n. "Successor" means any person who shall, through direct or mesne conveyance, purchase or succeed to the business, or portion thereof, or the whole or any part of the stock of goods, wares or merchandise or fixtures or any interest therein of a taxpayer quitting, selling out, exchanging or otherwise disposing of his business. Any person obligated to fulfill the terms of a contract

shall be deemed a successor to any contractor defaulting in the performance of any contract as to which such person is surety or guarantor.

- o. "Taxpayer" includes any individual, group of individuals, corporations or associations required to have a business license hereunder, or liable for any license fee or tax, or for the collection of any license fee or tax hereunder, or who engages in any business, or who performs any act, service, or labor receiving wages, salary, commission or other compensation having monetary value.
- p. Words in the singular number include the plural, and the plural include the singular. Words in one gender include the other gender also.
- q. "Quarterly period" means the three-month period beginning on the first day of either the first, fourth, seventh or tenth month of any given year and ending on the last day of the third, sixth, ninth or twelfth month thereof.
- r. "City" means the City of Vancouver.

SECTION 3. Vancouver Municipal Code Section 5.04.075 as last amended by M-4192 is amended to read as follows:

Section 5.04.075 Exemptions - Review by director.

(1) The following persons and organizations shall be exempt from paying the base business license fee and the business license fee surcharge, provided that they seek and obtain review and approval of same from the Director of Financial and Management Services or his or her designate and

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are issued a determination of exemption, as set forth in this chapter: ~~VMC 7 of this amendatory ordinance.~~

A. Gross receipts threshold. A person who generates less than twelve thousand (\$12,000) dollars of ~~average~~ annual gross receipts from engaging in business within the city.

B. Governmental entities. A governmental entity engaging the exercise of governmental functions.

C. A nonprofit organization created for fund-raising activities only, that meets all of the following criteria:

(i) An organization exempt from tax under section 501(c) (3), (4), or (10) of the Federal Internal Revenue Code (26 U.S.C. Sec. 501(c) (3), (4), or (10)); and

(ii) The members, stockholders, officers, directors, or trustees of the organization who do not receive any part of the organization's gross income, except as payment for services rendered; and

(iii) The compensation received by any person for services rendered to the organization does not exceed an amount reasonable under the circumstances; and

(iv) The activities of the organization do not include a substantial amount of political activity, including but not limited to influencing legislation and participation in any campaign on behalf of any candidate for political office; and

(iv) The activities of the organization solely include “fund-raising activities”, including soliciting or accepting contributions of money or other property or activities involving the anticipated exchange of goods or services for money between the soliciting organization and the organization or person solicited, for the purpose of furthering the goals of the nonprofit organization.

~~E.~~ D. Casual or isolated sales. A person who engages only in casual and isolated sales, which means a sale made by a person who is not engaged in the business of selling the type of property involved. Persons who hold themselves out to the public as making sales at retail or wholesale are

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deemed to be engaged in business, and sales made by them of the type of property which they hold themselves out as selling are not casual or isolated sales even though such sales are not made frequently.

E. For purposes of the license by this chapter, any person or business whose annual value of products, gross proceeds of sales, or gross income of the business in the city is equal to or less than \$12,000, and who does not maintain a place of business within the city, shall submit a business license registration to the Director or designee. The threshold does not apply to regulatory license requirements or activities that require a specialized permit.

(2) The following persons and organizations shall be exempt from paying the business license fee surcharge only, provided that they seek and obtain review and approval of same from the Director of Financial and Management Services or his or her designate and are issued a determination of exemption

A. Nonprofits and certain organizations exempt from federal income tax including but not limited to:

1. Religious. A nonprofit business operated exclusively ~~for a religious purpose~~ as a place of worship.
2. Civic, service and social organizations. Civic groups, service clubs, and social organizations that are not engaged in any profession, trade, calling, or occupation, but are organized to provide civic, service, or social activities.
3. Certain Organizations Exempt from Federal Income Tax. An organization that files with the city a copy of its current IRS 501(c)(3) exemption certificate issued by the Internal Revenue Service and which does not generate revenues from retail sales or services.

F.B State or federal preemption. A person whose business activities are exempt from business licensing due to preemption by state or federal law.

G.C Medicaid funded nursing and boarding homes. Nursing homes licensed under Chapter 18.51 RCW and boarding homes licensed under Chapter 18.20 RCW which provide care under contract with the department of social and health services to persons who are Medicaid recipients.

~~G. Publicly funded multi-family housing, of more than one unit per facility, specifically provided for persons earning less than 60% of the Area Median Income (AMI) calculated annually by the United States Department of Housing and Urban Development for the Portland-Vancouver-Hillsboro metropolitan statistical area and adjusted based on household size, including senior and disabled persons.~~

SECTION 4. Vancouver Municipal Code Section 5.04.090 as last amended by Ordinance M-4091 is amended to read as follows:

Section 5.04.090 Business license required.

Except as provided in this chapter, no person shall engage in any business or activity in the city without having first obtained and being the holder of a valid and subsisting license so to do, to be known as a business license, issued under the provisions of this chapter, as hereinafter provided, and without paying the license fee or tax imposed by this chapter, if any; provided that those Persons exempted by VMC 5.04.075 (1) shall not be required to pay a license fee. Payment of the license fee, shall accompany the application for the license. Such license shall expire on the last day of the month which is one calendar year from the day it was issued. The license may be prorated to match existing expiration dates. A new license and fee shall be required for each year. Application for the license shall be made to and issued by the City Manager or his designee on forms provided by him.

The license shall be personal and nontransferable.

There shall be a separate business license for each separate locate at which business is transacted.

For business licenses issued or renewed on or after January 1, 2007-2019, the annual base business license fee shall be a flat fee of ~~one hundred twenty five (\$125)~~ two hundred (\$200) dollars for each separate location at which business is transacted.

Each license shall be numbered, shall show the name, place and character of business of the taxpayer, such other information as the city manager or his designee deems necessary, and shall at all times be conspicuously posted in the place of business for which it is issued. Where a place of business of the taxpayer is changed, the taxpayer shall return such license to the City Manager or his designee, and a new license shall be issued for the new place of business free of charge.

A Business License Application must be filed with the State Department of Revenue Business Licensing Service to apply for a City business license. Special licenses may be issued by the City of Vancouver Finance Department. A business license does not authorize illegal activities.

No person to whom a license has been issued pursuant to this chapter shall allow any person for whom a separate license is required to operate under or to display his license, nor shall such other person operate under or display such license.

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SECTION 5. Vancouver Municipal Code Section 5.04.095 as last amended by Ordinance M-4192 is amended to read as follows:

Section 5.04.095 Business license fee surcharge - calculation.

A. In addition to the annual base business license fee set forth in Section 1 of this ordinance and codified in VMC 5.04.090, there shall be a business license fee surcharge calculated as set forth in this section of this amendatory ordinance. The business license surcharge fee shall apply to business licenses issued or renewed after expiration on or after January 1, 2007.

B. The business license fee surcharge shall be calculated on the basis of ~~fifty~~ninety (\$~~50~~90) dollars per full-time equivalent (FTE) employee up to four hundred (400) employees, and not to exceed a total business license fee surcharge of \$20,000 per business; provided that:

1. Effective January 1, 2019~~6~~, the business license fee surcharge set forth in Subsection B above shall be applied up to a maximum of 799 FTE employees per Taxpayer until January 1, 2020 increased by ~~ten dollars (\$10) per employee, to a total of sixty dollars (\$60) per employee, up to four hundred (400) employees, and not to exceed a total business license fee surcharge of \$24,000 per business; and~~
2. Effective January 1, 2020~~May 1, 2017~~, the business license fee surcharge set forth in Subsection B and Subsection B.1 above shall be applied to all FTE employees of the Taxpayer increased by ~~an additional 20 (\$20) dollars per employee, to a total of eighty dollars (\$80) per employee up to four hundred employees, and not to exceed a total business license fee surcharge of \$32,000 per business. Revenues from this increase shall be used to fund police staffing and associated services consistent with the recommendations from the Community Resource Team, presented to the Council on December 12, 2106~~ 2016.
3. — Effective January 1, 2018, the business license fee surcharge set forth in Subsection B

~~and Subsection B.1 above shall be increased by an additional ten dollars (\$10) per employee, to a total of ninety dollars (\$90) per employee, up to four hundred (400) employees, and not to exceed a total business license fee surcharge of \$36,000 per business. Revenues from this increase for the first 400 employees per business shall be used to fund the street initiative. Revenue from this increase for employees in excess of 400 per business shall be used for funding police services.~~

3. The revenue from the business license surcharge set forth in Subsection B above shall be distributed as follows:

a.) \$70 of the surcharge assessed on the first 400 employees of the Taxpayer shall be distributed for transportation funding. The remaining \$20 of the surcharge shall be distributed for police funding;

b.) \$90 of the surcharge assessed on the employees over 400 of the Taxpayer shall be distributed to fund police staffing and associated services consistent with the recommendations from the Community Resource Team, presented to the Council on December 12, 2016.

C. Definition of “employee.” For the purposes of the per employee business license fee surcharge, the term “employee” means and includes each of the following persons who are not required by the city to have a separate city of Vancouver business license:

1. Any person who is on the business’ payroll, and includes all full-time, part-time, and temporary employees or workers; and
2. Self-employed persons, sole proprietors, owners, managers, and partners; and
3. Any other person who performs work, services or labor at the business, except:
 - a. An independent contractor who has a separate City of Vancouver business license;

b. An employee of a temporary employment agency provided that such temporary employment agency has a separate City of Vancouver business license and pays the per employee business license fee surcharge based on its own employees.

D. A person with some business activities or functions that are exempt from the basic business license fee and some that are not exempt shall pay the per employee business license surcharge based on the number of its employees that are involved in the functions or activities that are not exempt.

E. In the event that the taxpayer has a physical location within the city, the per employee business license fee surcharge shall be assessed based upon a rebuttable presumption that all of the taxpayer's employees are working within the city of Vancouver.

F. In the event that the taxpayer has no physical location within the city, the applicable per employee portion of the business license fee surcharge shall be based upon the number of employees working within the city calculated based on the total number of Full Time Equivalent (FTE) employees working within the city or, alternatively, based on the total number of hours worked by employees within the city divided by two thousand eighty (2080). The minimum applicable per employee portion of the business license fee surcharge for such taxpayer shall be the amount for one (1) employee.

G. Calculating the number of employees. In determining the amount of the per employee business license fee surcharge to be paid for the upcoming license year, the number of employees shall be the total of the following:

1. Based upon the number of worker hours or units reportable by the business to the Washington Department of Labor and Industries (L&I) in the last four (4) quarterly reports of the business.

- a. Each employee who worked more than two thousand eighty hours (2080) during the

previous four (4) quarters (including paid time off) shall be counted as one (1) employee.

b. For individual employees who worked less than two thousand eighty (2080) hours during the previous four (4) quarters, the total number of hours worked by all such employees during the previous four (4) quarters shall be added together and divided by two thousand eighty (2080). A fraction of 0.5 or over shall be rounded up.

2. For persons who are defined as employees for business license fee surcharge purposes, but for whom the business is not required to report hours to L & I, including but not limited to sole proprietors, owners, managers or partners:

a. Each such person shall be counted as one (1) employee for surcharge purposes if such person devotes more than two thousand eighty (2080) hours during the previous four (4) quarters to the business; and

b. For such persons who work less than two thousand eighty (2080) hours per year, the total number of hours worked by all such persons during the previous four (4) quarters shall be added together and divided by two thousand eighty (2080). A fraction of 0.5 or over shall be rounded up.

3. The Director of Financial and Management Services may require the business to submit copies of its L & I reports. The businesses that did not file the report may be required to file an affidavit with the City reporting hours worked or the equivalent number of employees.

H. New businesses. The per employee business license fee surcharge for a business that did not submit reports for each of the last four (4) quarters to L & I shall be based on the estimated number of employees of that business. The business shall provide its estimate of the average number of employees for the upcoming four (4) quarters. The city will determine the number of employees

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that will be used in calculating the amount of the per employee business license fee surcharge. If, during the license year, the city determines that the actual number of employees is more than twenty (20%) percent different than estimated, then the amount of the per employee business license surcharge will be recalculated for the new business. If the revised per employee business license fee surcharge is higher, the business shall pay the difference within thirty (30) days after notification. If the revised surcharge is lower, then the difference will be refunded.

I. Over-reporting number of employees. A licensee may request that the city refund a portion of the per employee business license fee surcharge overpaid on the basis that the business miscounted the number of employees by more than twenty (20%) percent, resulting in payment of an excess surcharge. The request must be in writing and the city must receive the request and all supporting documentation no later than sixty (60) days after the end of the licensee's business license year in which the error was made. If the city is satisfied that the licensee paid an excess surcharge, then the city will refund the excess surcharge paid by the licensee for the immediately preceding license year.

J. Under-reporting of employees. If the city determines that the number of employees was under-reported by more than twenty (20%) at the time of application or renewal, the business shall pay the balance of the applicable per employee business license fee surcharge together with a penalty of twenty percent (20%) of such balance due. The business shall also reimburse the city for any accounting, legal, or administrative expenses incurred by the city in determining the under-reporting or in collecting the additional amounts. The Director of Financial and Management Services shall mail written notice of the amount to be paid and the business shall pay said amount to the city within thirty (30) days.

K. Waiver of Employee Surcharge. To promote business development, the City Manager may

grant a waiver of the Business License Fee Surcharge provided for herein for businesses which meet the following requirements:

1. The Business License Fee Surcharge may be waived as specified in Table 1 for an initial five-year period from the date of the company's move or the date of expansion of an existing business. For purposes of Table 1, Median Individual Income shall be the median individual income in the Portland-Vancouver Metropolitan Statistical Area. The business owner shall commit, through a Development Agreement approved by City Council, to locate a number of new employees in conformance with the Business License Fee Surcharge Incentive in Table 1. The Development Agreement shall provide that in the event employment declines below the numbers specified in Table 1 that the fee waiver shall be reimbursed to the City.

Table 1 - Business License Fee Surcharge Incentive

Tier	Median Salary of All Business Employees	Number of New Full-Time Equivale	Annual Waiver
1	200% of Median Individual Income	200 - 249	Surcharge Waiver, \$10,000 - \$12,450 Effective January 1, 2016: Surcharge Waiver, \$12,000 - \$14,940 Effective May 1, 2017: Surcharge Waiver, \$14,000 - \$17,430 Effective January 1, 2018: Surcharge Waiver, \$16,000- \$19,920 Effective January 1. 2019: Surcharge Waiver, \$18,000- \$22,410

2	175% of Median Individual Income	250 - 299	Surcharge Waiver, \$12,500 - \$14,950 Effective January 1, 2016: Surcharge Waiver, \$15,000 - \$17,940 Effective May 1, 2017: Surcharge Waiver, \$17,500 - \$20,930 Effective January 1, 2018: Surcharge Waiver, \$20,000 - \$23,920 Effective January 1, 2019: Surcharge Waiver, \$22,500- \$26,910
3	175% of Median Individual Income	300 - 399	Surcharge Waiver, \$15,000 - \$19,950 Effective 1, 2016: Surcharge Waiver: \$18,000 - \$23,940 Effective May 1, 2017: Surcharge Waiver, \$21,000 - \$27,930 Effective 1, 2018: Surcharge Waiver: \$24,000 - \$31,920 Effective January 1, 2019: Surcharge Waiver, \$27,000- \$35,910
4	150% of Median Individual Income	400 - 499	Surcharge Waiver, \$20,000 capped Effective January 1, 2016: Surcharge Waiver: \$24,000 capped Effective May 1, 2017: Surcharge Waiver: \$28,000 capped Effective January 1, 2018: Surcharge Waiver: \$32,000 capped Effective January 1, 2019: Surcharge Waiver: \$36,000 capped
5	150% of Median Individual Income	500 - 599	Surcharge Waiver, \$20,000 capped Effective January 1, 2016: Surcharge Waiver: \$24,000 capped Effective May 1, 2017: Surcharge Waiver, \$28,000 capped Effective January 1, 2018: Surcharge Waiver \$32,000 capped Effective January 1, 2019: Surcharge Waiver: \$36,000 capped

6	125% of Median Individual Income	600 +	Surcharge Waiver, \$20,000 capped Effective January 1, 2016: Surcharge Waiver: \$24,000 capped Effective May 1, 2017: Surcharge Waiver: \$28,000 capped Effective January 1, 2018: Surcharge Waiver \$32,000 capped Effective January 1, 2019: Surcharge Waiver: \$36,000 capped
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2. For any business specified in 5.04.095(K)(1) that retains the initial additional employment provided for therein and adds 20% or greater of additional new employee-filled positions during the first five-year period, of which 75% must meet the income levels specified in 5.04.095 (K)(1), the business license surcharge shall be waived for a second five-year period; and

3. For any business specified in 5.04.095(K)(2) that retains the initial additional employment provided for in such subsection and adds 20% or greater of additional new employee-filled positions during the second 5-year period, of which 75% must meet the income levels specified in 5.04.095(K)(1), the business license surcharge shall be waived for a third five-year period.

Each business that meets this waiver will be required to apply for, or annually renew their existing business license with the State of Washington Business Licensing Service (BLS), pay their business license fee plus pay for one FTE surcharge fee at the then-current rate. Separately, the business must provide an annual report to the City of Vancouver with backup documentation demonstrating how the business met the requirements of the surcharge waiver. If the business meets the waiver requirements, the \$50 surcharge fee paid at the time of initial application or annual renewal will be refunded.

SECTION 6. Vancouver Municipal Code Section 5.04.096 adopted by Ordinance M-4192 is hereby repealed.

~~Section 5.04.096 — Indoor Space License Fee Surcharge — Calculation.~~

~~A. Any person subject to the license required by VMC 5.04.090 shall pay, in addition to the fee set forth therein and the surcharge codified at 5.04.095, an additional business license fee surcharge as provided for herein. The business license surcharge fee shall apply to business licenses issued or renewed after expiration on or after January 1, 2019.~~

~~B. Definitions. The following definitions shall apply to this section.~~

- ~~1. “Commercial” means any Business activity that is not Industrial, Retail, or Residential.~~
- ~~2. “Indoor Space” means the area of all floors, finish wall to finish wall, included in surrounding walls of a building.~~
- ~~3. “Industrial” means any on-site Business activity that makes, processes, or stores a tangible thing.~~
- ~~4. “Operating” or “Operate” means using directly or leasing to others owned Indoor Space for Business activity.~~
- ~~5. “Net Square Footage” means Commercial, Industrial, or Retail Indoor Space in excess of five thousand (5000) square feet.~~
- ~~6. “Residential” means Indoor Space, of more than one unit, leased or rented as living quarters that include kitchen and bathroom facilities for periods of one month or longer.~~
- ~~7. “Retail” means any Business activity performed through direct on-premises sale to a customer.~~
- ~~8. “Multi-family housing” means building(s) having more than one dwelling unit designed for permanent residential occupancy.~~
- ~~9. “Unit” means a discreet residential area leased or rented to a Residential tenant for consideration.~~

~~C. Calculation.~~

~~1. Effective January 1, 2019, a Person Operating Retail Indoor Space shall pay an annual business license surcharge fee of \$.10 per square foot on all the Net Square Footage such person Operates in the City of Vancouver at a single or multiple locations.~~

~~B. On January 1, 2020 this fee shall increase to \$.20 per square foot.~~

~~2. Effective January 1, 2019, a Person Operating Multi Family Residential Indoor Space shall pay an annual business license surcharge fee of \$90.00 per Residential Unit Operated.~~

~~3. Effective January 1, 2019, a Person Operating Commercial Indoor Space shall pay a business license surcharge fee of \$.07 per square foot on all the Net Square Footage such person Operates in the City of Vancouver at a single or multiple locations.~~

~~B. On January 1, 2020 this fee shall increase to \$.15 per square foot.~~

~~4. Effective January 1, 2019, a Person Operating Industrial Indoor Space shall pay an annual business license surcharge fee of \$.05 per square foot on all the Net Square Footage such person Operates in the City of Vancouver at a single or multiple locations.~~

~~B. On January 1, 2020 this fee shall increase to \$.10 per square foot.~~

~~D. Exemptions. The following Persons are exempt from the Indoor Space fee provided under for under this section:~~

~~1. A Person Operating Indoor Space used for less than a consecutive 90 day period during a taxable year.~~

~~2. Any person exempt from the business license pursuant to 5.04.075.~~

~~E. Administrative Provisions.~~

~~1. The Director is authorized to adopt regulations to implement this Section.~~

~~2. The provisions of Chapter 5.87 VMC apply to this Section.~~

SECTION 7. Section 5.92.010 of the Vancouver Municipal Code as last amended by Ordinance M-4193, Section 1 is amended to read as follows:

Section 5.92.010 Tax imposed.

There is levied and there shall be collected from the water-sewer department of the City of Vancouver a tax in the amount of sixteen percent of revenue proceeding or accruing from the customer accounts in such department pursuant to VMC 14.04.210 and 14.04.230; provided, the tax is not

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collected from revenue proceeding or accruing by the city from any public sewer district.

(a) The tax imposed under this section shall increase by four percent to twenty percent, effective January 1, 2009.

(b) The tax imposed under this section shall increase by one and one-half percent (1.5%) to twenty-one and one half percent (21.5%), effective January 1, 2016. This additional 1.5% utility tax shall be dedicated to funding transportation improvement projects contained in the transportation plans of the City of Vancouver, which are the City of Vancouver's Capital Facilities Plan, Transportation Improvement Plan, Pavement Management Plan, and Transportation element of the Comprehensive Plan.

(c) In addition to the increase provided for in subsection (b) the tax imposed under this section shall increase on April 1, 2017, to 24.9%. The tax imposed under this subsection 5.92.010(c) shall be used only for the purpose of funding police staffing and associated services in a manner generally consistent with the Community Resource Team recommendations dated December 12, 2016.

(d) In addition to the increase provided for in subsection (c), the tax imposed under this section shall increase on January 1, 2019 by 2.4% to 27.3%. The tax imposed under this subsection 5.92.010(d) shall be used only for the purpose of funding police staffing and associated services in a manner generally consistent with the Community Resource Team recommendations dated December 12, 2016.

(e) In addition to the increase provided for in subsection (d), the tax imposed under this section shall increase on January 1, 2020 by 1.6% to 28.9%. The tax imposed under this subsection 5.92.010(e) shall be used only for the purpose of funding police staffing and associated services in a manner generally consistent with the Community Resource Team recommendations dated December 12, 2016.

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SECTION 8. Section 5.93.010 of the Vancouver Municipal Code as last amended by the Ordinance M-4193, Section 2 is amended to read as follows:

Section 5.93.010 Tax Imposed.

There is levied and there shall be collected from the storm water utility of the City of Vancouver a tax in the amount of twenty percent of the revenue proceeding or accruing from discharges into the City's surface water drainage system pursuant to VMC 14.09.060.

~~(a)~~A. The tax imposed under this section shall increase by one and one-half percent (1.5%) to twenty-one and one half percent (21.5%), effective January 1, 2016. This additional 1.5% utility tax shall be dedicated to funding transportation improvement projects contained in the transportation plans of the City of Vancouver, which are the City of Vancouver's Capital Facilities Plan, Transportation Improvement Plan, Pavement Management Plan, and Transportation element of the Comprehensive Plan.

~~(b)~~B. In addition to the increase provided for in subsection (a) the tax imposed under this section shall increase by three and four-tenths percent (3.4%) to twenty-four and nine-tenths percent (24.9%). The tax imposed under this subsection 5.93.101(c) shall be used only for the purpose of funding police staffing and associated services in a manner generally consistent with the Community Resource Team recommendations dated December 12, 2016.

C. In addition to the increase provided for in subsection B, the tax imposed under this section shall increase on January 1, 2019 by an additional 2.4% to 27.3%. The tax imposed under this subsection 5.93.010.C shall be used only for the purpose of funding police staffing and associated services in a manner generally consistent with the Community Resource Team recommendations dated

December 12, 2016.

D. In addition to the increase provided for in subsection C, the tax imposed under this section shall increase on January 1, 2020 by an additional 1.6% to 28.9 The tax imposed under this subsection 5.93.010.D shall be used only for the purpose of funding police staffing and associated services in a manner generally consistent with the Community Resource Team recommendations dated December 12, 2016.

SECTION 9. Vancouver Municipal Code Section 5.94.030 as last amended by Ordinance M-4193, Section 3 is hereby amended to read as follows:

Section 5.94.030 Tax Imposed

A. In addition to the other business and license fees required by the ordinances of the city, there is levied upon all persons engaging in or carrying on a business of providing solid waste collection services, a tax equal to twenty (20%) percent of the gross income from such business in the city during the tax year as described in subsection B. herein.

1. The tax imposed under this section shall increase by one and one-half percent (1.5%) to twenty-one and one half percent (21.5%), effective January 1, 2016. This additional 1.5% utility tax shall be dedicated to funding transportation improvement projects contained in the transportation plans of the City of Vancouver, which are the City of Vancouver's Capital Facilities Plan, Transportation Improvement Plan, Pavement Management Plan, and Transportation element of the Comprehensive Plan.

2. In addition to the increase provided for in subsection (A)(1) the tax imposed under this section shall increase on April 1, 2017, to 24.9%. The tax imposed under this subsection 5.94.030(A)(2) shall be used only for the purpose of funding police staffing and associated

services in a manner generally consistent with the Community Resource Team recommendation dated December 12, 2016.

3. In addition to the increase provided for in subsection (2), the tax imposed under this section shall increase on January 1, 2019 by 2.4% to 27.3%. The tax imposed under this subsection 5.94.010(3) shall be used only for the purpose of funding police staffing and associated services in a manner generally consistent with the Community Resource Team recommendations dated December 12, 2016 .

4. In addition to the increase provided for in subsection (d), the tax imposed under this section shall increase on January 1, 2020 by 1.6% to 28.9%. The tax imposed under this subsection 5.94.010(4) shall be used only for the purpose of funding police staffing and associated services in a manner generally consistent with the Community Resource Team recommendations dated December 12, 2016 .

B. In computing the tax provided in subsection (A), the taxpayer may deduct from total gross income the following items:

1. The actual amount of credit losses and uncollectibles sustained by the taxpayer.
2. Any amount collected for services other than the collection of “solid waste” as defined in VMC section 5.94.010. Including, but not limited to, pass through disposal charges.
3. Any customer late fees authorized to be charged by the taxpayer.
4. Income derived from transactions in interstate and foreign commerce which the city is prohibited from taxing under the laws and Constitution of the United States.

SECTION 10. Vancouver Municipal Code Section 14.04.210 as last amended by Ordinance M-4193, Section 4 is hereby amended to read as follows:

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Section 14.04.210 Water service--User charges.

A. Base charge, all customer classes.

1. For all water customers, each customer shall pay a monthly base charge as follows:
Effective January 1, 2017

<u>Meter Size</u>		<u>Base Charge</u>	<u>Base Charge</u>
		<u>Inside City Limits</u>	<u>Outside City Limits</u>
a. 5/8 x 3/4 inch and under	per month	7.17	10.76
b. 3/4 inch	per month	9.50	14.24
c. 1 inch	per month	14.51	21.76
d. 1 1/2 inch	per month	26.98	40.47
e. 2 inch	per month	41.81	62.72
f. 3 inch	per month	76.65	114.97
g. 4 inch	per month	126.29	189.45
h. 6 inch	per month	250.60	375.91
i. 8 inch	per month	399.73	599.59
j. 10 inch	per month	598.44	897.66
k. 12 inch	per month	1,162.82	1,744.23

Effective April 1, 2017

<u>Meter Size</u>		<u>Base Charge</u>	<u>Base Charge</u>
		<u>Inside City Limits</u>	<u>Outside City Limits</u>
a. 5/8 x 3/4 inch and under	per month	7.49	11.25
b. 3/4 inch	per month	9.93	14.89
c. 1 inch	per month	15.17	22.75
d. 1 1/2 inch	per month	28.20	42.30
e. 2 inch	per month	43.70	65.56
f. 3 inch	per month	80.12	120.18
g. 4 inch	per month	132.01	198.03
h. 6 inch	per month	261.95	392.94
i. 8 inch	per month	417.84	626.75
j. 10 inch	per month	625.55	938.32
k. 12 inch	per month	1,215.50	1,823.24

Effective January 1, 2018

<u>Meter Size</u>		<u>Base Charge</u>	<u>Base Charge</u>
		Inside City Limits	Outside City Limits
a. 5/8 x 3/4 inch and under	per month	7.86	11.81
b. 3/4 inch	per month	10.43	15.63
c. 1 inch	per month	15.93	23.89
d. 1-1/2 inch	per month	29.61	44.42
e. 2 inch	per month	45.89	68.84
f. 3 inch	per month	84.13	126.19
g. 4 inch	per month	138.61	207.93
h. 6 inch	per month	275.05	412.59
i. 8 inch	per month	438.73	658.09
j. 10 inch	per month	656.83	985.24
k. 12 inch	per month	1,276.28	1,914.40

Effective January 1, 2019

Effective January 1, 2019

		<u>Base Charge</u>	<u>Base Charge</u>
		Inside City Limits	Outside City Limits
a. 5/8 x 3/4 inch and under	per month	8.25 <u>8.53</u>	12.40 <u>12.79</u>
b. 3/4 inch	per month	10.95 <u>11.31</u>	16.41 <u>16.97</u>
c. 1 inch	per month	16.73 <u>17.28</u>	25.08 <u>25.92</u>
d. 1-1/2 inch	per month	31.09 <u>32.12</u>	46.64 <u>48.18</u>
e. 2 inch	per month	48.18 <u>49.78</u>	72.28 <u>74.67</u>
f. 3 inch	per month	88.34 <u>91.26</u>	132.50 <u>136.88</u>
g. 4 inch	per month	145.54 <u>150.35</u>	218.33 <u>225.53</u>
h. 6 inch	per month	288.80 <u>298.35</u>	433.22 <u>447.52</u>
i. 8 inch	per month	460.67 <u>475.89</u>	690.99 <u>713.84</u>
j. 10 inch	per month	689.67 <u>712.46</u>	1,034.50 <u>1068.70</u>
k. 12 inch	per month	1,340.09 <u>1384.38</u>	2,010.12 <u>2076.57</u>

Effective January 1, 2020

<u>Meter Size</u>		<u>Base Charge</u>	<u>Base Charge</u>
		<u>Inside City Limits</u>	<u>Outside City Limits</u>
a. 5/8 x 3/4 inch and under	per month	8.66 <u>9.15</u>	13.02 <u>13.73</u>
b. 3/4 inch	per month	11.50 <u>12.15</u>	17.23 <u>18.22</u>
c. 1 inch	per month	17.57 <u>18.55</u>	26.33 <u>27.83</u>
d. 1-1/2 inch	per month	32.64 <u>34.48</u>	48.97 <u>51.72</u>
e. 2 inch	per month	50.59 <u>53.44</u>	75.89 <u>80.16</u>
f. 3 inch	per month	92.76 <u>97.97</u>	139.13 <u>146.96</u>
g. 4 inch	per month	152.82 <u>161.42</u>	229.25 <u>242.12</u>
h. 6 inch	per month	303.24 <u>320.31</u>	454.88 <u>480.46</u>
i. 8 inch	per month	483.70 <u>510.92</u>	725.54 <u>766.37</u>
j. 10 inch	per month	724.15 <u>764.90</u>	1086.23 <u>1147.35</u>
k. 12 inch	per month	1407.09 <u>1486.27</u>	2110.63 <u>2229.41</u>

2. The monthly base charge set in (1) does not include any charge for consumption of water.

3. The monthly base charge for any single family residential customer shall not exceed the charge set in (b) above.

B. Volume Charge (uniform volume).

1. In addition to the monthly base charge in subsection A(1), each customer shall pay the following additional charge on his/her bill, based upon the amount of water consumed per each billing period:

~~Effective January 1, 2017~~

Customer Class	Inside City Limits	Outside City Limits
Single Family:	2.02/CCF	3.03/CCF
Multi Family:	1.74/CCF	2.62/CCF
Non-Profit Shelters:	0.45/CCF	0.69/CCF
Commercial⁺ and Industrial⁺:	1.74/CCF	2.62/CCF
Government⁺:	1.55/CCF	2.33/CCF

~~Effective April 1, 2017~~

Customer Class	Inside City Limits	Outside City Limits
Single Family:	2.11/CCF	3.17/CCF
Multi-Family:	1.82/CCF	2.74/CCF
Non-Profit Shelters:	0.47/CCF	0.72/CCF
Commercial ¹ and Industrial ¹ :	1.82/CCF	2.74/CCF
Government ¹ :	1.62/CCF	2.44/CCF

Effective January 1, 2018

Customer Class	Inside City Limits	Outside City Limits
Single Family:	2.22/CCF	3.33/CCF
Multi-Family:	1.91/CCF	2.88/CCF
Non-Profit Shelters:	0.49/CCF	0.76/CCF
Commercial ¹ and Industrial ¹ :	1.91/CCF	2.88/CCF
Government ¹ :	1.70/CCF	2.56/CCF

Effective January 1, 2019

Customer Class	Inside City Limits	Outside City Limits
Single Family:	2.33/CCF <u>2.41/CCF</u>	3.50/CCF <u>3.61/CCF</u>
Multi-Family:	2.01/CCF <u>2.07/CCF</u>	3.02/CCF <u>3.11/CCF</u>
Non-Profit Shelters:	0.51/CCF <u>0.53/CCF</u>	0.80/CCF <u>0.80/CCF</u>
Commercial ¹ and Industrial ¹ :	2.01/CCF <u>2.07/CCF</u>	3.02/CCF <u>3.11/CCF</u>
Government ¹ :	1.79/CCF <u>1.84/CCF</u>	2.69/CCF <u>2.77/CCF</u>

Effective January 1, 2020

Customer Class	Inside City Limits	Outside City Limits
Single Family:	2.45/CCF <u>2.59/CCF</u>	3.68/CCF <u>3.88/CCF</u>
Multi-Family:	2.11/CCF <u>2.22/CCF</u>	3.17/CCF <u>3.34/CCF</u>
Non-Profit Shelters:	0.54/CCF <u>0.57/CCF</u>	0.84/CCF <u>0.86/CCF</u>

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Commercial ¹ and Industrial ¹ :	2.11/CCF <u>2.22/CCF</u>	3.17/CCF <u>3.34/CCF</u>
Government ¹ :	1.88CCF <u>1.98/CCF</u>	2.82/CCF <u>2.97/CCF</u>

Note ¹: As this use is classified under Vancouver Municipal Code Title 20

2. All volume charges are computed per hundred cubic feet (CCF).

3. "Single family customer" class shall include single dwelling unit with one meter, mobile homes either on individual lots or in mobile home parks. This definition is for utility billing purposes only.

4. "Multi-family customer" class shall apply to customers with two or more living units per meter. This definition is for utility billing purposes only.

5. "Non-profit Shelter" For the purpose of applying the rates as set forth in subsection B(1) above, the term non-profit shelters shall be defined to mean a facility operated by a non-profit organization that provides clients with on site food, beds or shelter for free or at significantly below market rates.

C. Charges for Cutting Off and Restoring Service.

1. Service cut off.

a. Cutting off service for non payment. There shall be a forty dollar (\$40) charge to cut off service for nonpayment. There shall be no additional charge for restoring service after such cut-off.

b. Emergencies - cut off. No cut-off charge shall be made if service is cut off to meet an actual emergency.

c. Customer request. No cut-off charge shall be made if service is cut off at customer's request for the first such request.

2. Starting or Restoring Service.

a. For starting or restoring service at the customer's request, the charge shall be no charge for the first such request during regular working hours, and a fee of fifty dollars for each such request outside of regular office hours.

b. Altered service. If the meter or service has been altered without the written authorization of the Director Public Works or designee, the charge shall be fifteen dollars additional to all other charges in this section.

c. Multiple cut off/restoration requests. For customers who require more than one trip to the service address to cut off or restore service at their request, there shall be a fee of twenty-five dollars per each additional trip during office hours.

D. Testing Meters - Customer's Request. Schedule of meter test charges for test of a meter at the request of a customer where meter is found not defective:

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1 inch and under	\$50.00
1-1/2 inch	\$60.00
2 inch	\$60.00
3 inch	\$80.00
4 inches or more	At Cost
Meter Resets	\$50.00

Meters tested and found to be defective will be replaced at no cost to the customer for testing or for replacement.

E. Testing Meters - Other Than at Customer's Request. The city reserves the right to test meters at any time. No charge will be made to the customer for meters tested pursuant to this subsection.

F. Temporary Water Use from Hydrant fees shall be set by the Director pursuant to VMC 14.04.100.L.

SECTION 11. Vancouver Municipal Code Section 14.04.230 as last amended by Ordinance M-4193, Section 5 is hereby amended to read as follows:

Section 14.04.230 Sanitary sewer service--User charges.

A. Monthly User Charges.

~~1.~~ Residential customers. Each residential customer shall pay a monthly user charge as follows: ~~Effective~~

~~January 1, 2017~~

Customer Class	Inside City Limits	Outside City Limits
a. Single Family Residential	\$48.10 per mo. or \$4.81 CCF	\$72.20 per mo. or \$7.22 per CCF
b. Multi Family Residential	\$38.48 per mo. or \$4.81 per CCF	\$57.76 per mo. or \$7.22 per CCF
c. Non Profit Shelter	\$1.30 per CCF	\$1.95 per CCF

~~Effective April 1, 2017~~

Customer Class	Inside City Limits	Outside City Limits
a. Single Family Residential	\$50.30 per mo. or \$5.03 CCF	\$75.50 per mo. or \$7.55 per CCF

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b. Multi-Family Residential	\$40.24 per mo. or \$5.03 per CCF	\$60.40 per mo. or \$7.55 per CCF
e. Non-Profit Shelter	\$1.36 per CCF	\$2.04 per CCF

Effective January 1, 2018

Customer Class	Inside City Limits	Outside City Limits
a. Single-Family Residential	\$51.80 per mo. or \$5.18 CCF	\$77.80 per mo. or \$7.78 per CCF
b. Multi-Family Residential	\$41.44 per mo. or \$5.18 per CCF	\$62.24 per mo. or \$7.78 per CCF
c. Non-Profit Shelter	\$1.40 per CCF	\$2.10 per CCF

Effective January 1, 2019

Customer Class	Inside City Limits	Outside City Limits
a. Single-Family Residential	\$53.40 per mo. or \$5.34 per CCF <u>\$55.12 per mo. or \$5.51 CCF</u>	\$80.10 per mo. or \$8.01 per CCF <u>\$82.67 per mo. or \$8.27 per CCF</u>
b. Multi-Family Residential	\$42.72 per mo. or \$5.34 per CCF <u>\$44.09 per mo. or \$5.51 per CCF</u>	\$64.08 per mo. or \$8.01 per CCF <u>\$66.14 per mo. or \$8.27 per CCF</u>
c. Non-Profit Shelter	\$1.44 per CCF <u>\$1.49 per CCF</u>	\$2.16 per CCF <u>\$2.23 per CCF</u>

Effective January 1, 2020

Customer Class	Inside City Limits	Outside City Limits
a. Single-Family Residential	\$55.00 per mo. or \$5.50 per CCF <u>\$58.04 per mo. or \$5.80 CCF</u>	\$82.50 per mo. or \$8.25 per CCF <u>\$87.06 per mo. or \$8.71 per CCF</u>
b. Multi-Family Residential	\$44.00 per mo. or \$5.50 per CCF <u>\$46.43 per mo. or \$5.80 per CCF</u>	\$66.00 per mo. or \$8.25 per CCF <u>\$69.65 per mo. or \$8.71 per CCF</u>
c. Non-Profit Shelter	\$1.48 per CCF <u>\$1.57 per CCF</u>	\$2.22 per CCF <u>\$2.35 per CCF</u>

2. Sewer charges for each single-family or multifamily residential customer shall be based upon that customer's water usage, either in the previous November/January billing period or in the previous December/February billing period provided each customer, other than qualifying low-income seniors as defined in subsection 2(E), is subject to a minimum volume charge of 3 CCF per month.

A. Single-family or multi-family residential customers who have "a complete two-month water consumption history" in either of the two billing periods specified above, shall be charged the applicable inside city or outside city rate per CCF for sewer as set forth in section 1 above. For new accounts in which the two month water consumption history has not been established, an interim rate may be established by the Director of Public Works in accordance with department policies. The Director of Public Works shall approve a written policy for the setting of this interim rate that will include, but not be limited to, how the interim rate is calculated.

B. The applicable inside city or outside city flat rate set forth in section 1 above shall be used as the monthly sewer billing rate for any customer for whom for any reason the provisions of this subsection cannot be used.

C. The Utilities Division shall develop written rules consistent with this subsection and this ordinance for the fair and efficient administration of such sewer rate.

D. For the purpose of applying the rates as set forth in subsection A(1)(c) above, the term non-profit shelters shall be defined to mean a facility operated by a non-profit organization that provides clients with on site food, beds or shelter for free or at significantly below market rates.

E. For the purpose of applying the low income senior minimum sewer flow waiver as set forth in

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subsection A(2) above, applicants shall meet the following:

1. Applications shall be obtained from and filed with the Public Works director, or his or her designee. The application shall be on a form prescribed by the Public Works director, and shall contain the information necessary to evaluate the applicant's qualification for the low income senior minimum sewer flow waiver.

a. Submission of an application for a utility discount shall constitute a verification by the applicant that all information provided in such application is true and correct to the best of the applicant's knowledge.

b. Once approved by the department, the application shall become effective the next billing cycle after approval of the application.

c. Each application is effective for 12 months commencing the first month the reduced rate becomes effective for the applicant. It shall be the sole responsibility of the applicant to re-apply for successive 12-month periods of eligibility.

d. The rate reduction shall only apply to utility charges for service to a residence. The residence for which the rate reduction is requested must be the applicant's principal place of residence.

e. The applicant must be the head of the household for the residence for which the rate reduction is requested.

f. The utility account must be in the applicant's name or the name of the applicant's

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spouse.

2. For purposes of this section, the term low income senior shall be defined as follows:

a. Be 62 years of age or older at all times during any period for which a minimum sewer flow waiver is requested; and

b. Have been a sewer customer of the city at all times during any period for which a minimum sewer flow waiver is requested; and

c. Have an income during the calendar year or portion thereof for which a minimum sewer flow waiver is requested, from all sources whatsoever, either (1) not exceeding two hundred (200) percent of the Federal Poverty Guidelines for a household of any size as published by the Secretary of Housing and Urban Development or (2) not exceeding the income qualification for low-income seniors set forth in RCW 84.36.381(5)(a), whichever is greater.

3. Commercial, industrial, electronics and government customers. Each such customer shall pay a monthly user charge per hundred cubic feet (CCF) as follows; provided, each such customer is subject to a minimum user charge equal to the applicable inside or outside city flat monthly rate for one single-family service set forth in subsection A.1. above:

~~Effective January 1, 2017:~~

Customer Class	Inside City Limits	Outside City Limits
a. Commercial	\$5.63 per CCF	\$8.46 per CCF

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b. Government	\$3.44 per CCF	\$5.16 per CCF
e. Industrial	\$5.84 per CCF	\$6.06 per CCF
d. Electronics	\$4.30 per CCF ⁷	\$4.45 per CCF ⁸

Notes for Electronic Customer Class—Effective January 1, 2017—December 31, 2017:

⁷ For monthly average flows above 2.88 million gallons per day, the rate shall be \$3.44 per CCF.

⁸ For monthly average flows above 2.88 million gallons per day, the rate shall be \$3.55 per CCF.

Effective April 1, 2017:

Customer Class	Inside City Limits	Outside City Limits
a. Commercial	\$5.89 per CCF	\$8.84 per CCF
b. Government	\$3.60 per CCF	\$5.39 per CCF
e. Industrial	\$6.10 per CCF	\$6.33 per CCF
d. Electronics	\$4.49 per CCF ⁹	\$4.65 per CCF ¹⁰

Notes for Electronic Customer Class—Effective January 1, 2017—December 31, 2017:

⁹ For monthly average flows above 2.88 million gallons per day, the rate shall be \$3.60 per CCF.

¹⁰ For monthly average flows above 2.88 million gallons per day, the rate shall be \$3.71 per CCF.

Effective January 1, 2018:

Customer Class	Inside City Limits	Outside City Limits
a. Commercial	\$6.07 per CCF	\$9.11 per CCF
b. Government	\$3.71 per CCF	\$5.55 per CCF
c. Industrial	\$6.28 per CCF	\$6.52 per CCF
d. Electronics	\$4.62 per CCF ¹¹	\$4.79 per CCF ¹²

Notes for Electronic Customer Class - Effective January 1, 2018 - December 31, 2018:

¹¹ For monthly average flows above 2.88 million gallons per day, the rate shall be \$3.71 per CCF.

¹² For monthly average flows above 2.88 million gallons per day, the rate shall be \$3.82 per CCF.

Effective January 1, 2019:

Customer Class	Inside City Limits	Outside City Limits
a. Commercial	\$6.25 per CCF <u>\$6.46 per CCF</u>	\$9.38 per CCF <u>\$9.69 per CCF</u>
b. Government	\$3.82 per CCF <u>\$3.95 per CCF</u>	\$5.72 per CCF <u>\$5.92 per CCF</u>
c. Industrial	\$6.47 per CCF <u>\$6.68 per CCF</u>	\$6.72 per CCF <u>\$10.02 per CCF</u>
d. Electronics	\$4.76 per CCF ¹¹ <u>\$4.92 per CCF</u> ¹³	\$4.93 per CCF ¹² <u>\$7.37 per CCF</u> ¹⁴

Notes for Electronic Customer Class - Effective January 1, 2019 - December 31, 2019:

~~¹¹ For monthly average flows above 2.88 million gallons per day, the rate shall be \$3.82 per CCF.~~

~~¹² For monthly average flows above 2.88 million gallons per day, the rate shall be \$3.93 per CCF.~~

~~¹³ For monthly average flows above 2.88 million gallons per day, the rate shall be \$3.93 per CCF.~~

¹⁴ For monthly average flows above 2.88 million gallons per day, the rate shall be \$5.90 per CCF.

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Effective January 1, 2020:

Customer Class	Inside City Limits	Outside City Limits
a. Commercial	\$6.44 per CCF <u>\$6.80 per CCF</u>	\$9.66 per CCF <u>\$10.20 per CCF</u>
b. Government	\$3.93 per CCF <u>\$4.16 per CCF</u>	\$5.89 per CCF <u>\$6.24 per CCF</u>
c. Industrial	\$6.66 per CCF <u>\$7.04 per CCF</u>	\$6.92 per CCF <u>\$10.56 per CCF</u>
d. Electronics	\$4.90 per CCF ¹³ <u>\$5.18 per CCF</u> ¹⁵	\$5.08 per CCF ¹⁴ <u>\$7.77 per CCF</u> ¹⁶

Notes for Electronic Customer Class - Effective January 1, 2020 - December 31, 2020:

¹³ ~~For monthly average flows above 2.88 million gallons per day, the rate shall be \$3.93 per CCF.~~

¹⁴ ~~For monthly average flows above 2.88 million gallons per day, the rate shall be \$4.05 per CCF.~~

¹⁵ For monthly average flows above 2.88 million gallons per day, the rate shall be \$4.14 per CCF.

¹⁶ For monthly average flows above 2.88 million gallons per day, the rate shall be \$6.21 per CCF.

4. The rate for discharging septage at the City's Publicly Owned Treatment Works (POTW) as provided for in VMC 5.72 effective January 1, 2013, shall be \$125.00 for each one thousand (1,000) gallons, or fraction thereof discharged in to POTW. If required, there shall also be added to such charge a tipping fee as determined by the Clark County Public Health District to support the Department's Septic System Preventive Maintenance Program.

5. INDUSTRIAL CUSTOMER is defined as an industrial user of the public sewer system who:

a. Has a discharge flow of ten thousand gallons or processed wastewater or more per average work day; or

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b. Has a concentration of biochemical oxygen demand (BOD) and suspended solids (SS) in excess of two hundred milligrams per liter per average work day; or

c. Is found by the city, State Department of Ecology or U.S. Environmental Protection Agency to have potential for a significant impact on the wastewater treatment system.

6. ELECTRONICS USER is defined as an industrial user of the public sewer system who:

a. Has a discharge flow of five hundred thousand gallons or more per average work day; and

b. Has a concentration of biochemical oxygen demand (BOD) and suspended solids (SS) less than two hundred milligrams per liter per average work day.

B. Liquids Not Originating From City Water System.

Any person discharging into the city sanitary sewerage system sewage which has in it liquids which did not originate from the city water system shall meter or measure by some method approved by the Director of Public Works all water used in the premises, whether the water is obtained from the municipal water supply system or from wells, private water systems or other sources.

C. Used Water Not Flowing Into Sewer System.

Where the user of water is such that a portion of all of the water used does not flow into a city sewer but is lost by evaporation or is used in manufacture or processes such as ice, beverages, foods or the like and the person in control provides proof of this fact and installs a meter or other measuring device approved by the Director of Public Works to measure the amount of water so used or lost, no charge shall be made for sewerage because of

water so used or lost.

D. Computation of Utility Rates.

For the purpose of computing water and sewer bills, all residences, regardless of number of units, shall be deemed residential, and each unit therein shall be deemed a residence. All other uses shall be deemed commercial, industrial or government.

SECTION 12. Vancouver Municipal Code Section 14.09.060 as last amended by Ordinance M-4193, Section 6 is hereby amended to read as follows:

Section 14.09.060 Rates for storm and surface water management.

A. Because all real property in the city contributes stormwater runoff to and/or benefits from the city's stormwater system, the owners thereof shall pay monthly charges as set forth in this section. Monthly charges will have two components as follows:

1. Operation and Maintenance. To provide for administrative and field operations, billing, accounting, and for the maintenance, repair and upgrade of existing stormwater facilities.

2. Capital Expenditures. To provide for basin-wide and system master planning and subsequent capital improvement projects as identified in the stormwater capital plan.

B. The water and sewer utility is authorized to establish charges for the use and discharge to

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the city's stormwater system. Such charges shall be based on the cost of providing stormwater service to all properties within the city and may be different for properties receiving different classes of service. Monthly charges shall be established as follows:

Effective January 1, 2017

Single Family	Multi-Family	Commercial	Industrial
\$9.23 per month	\$9.23 per 2,500 sq. ft. hard surface per month (\$9.23 minimum)	\$9.23 per 2,500 sq. ft. hard surface per month (\$9.23 minimum)	\$9.23 per 2,500 sq. ft. hard surface per month (\$9.23 minimum)

Effective April 1, 2017

Single Family	Multi-Family	Commercial	Industrial
\$9.65 per month	\$9.65 per 2,500 sq. ft. hard surface per month (\$9.65 minimum)	\$9.65 per 2,500 sq. ft. hard surface per month (\$9.65 minimum)	\$9.65 per 2,500 sq. ft. hard surface per month (\$9.65 minimum)

Effective January 1, 2018

Single Family	Multi-Family	Commercial	Industrial
\$10.13 per month	\$10.13 per 2,500 sq. ft. hard surface per month (\$10.13 minimum)	\$10.13 per 2,500 sq. ft. hard surface per month (\$10.13 minimum)	\$10.13 per 2,500 sq. ft. hard surface per month (\$10.13 minimum)

Effective January 1, 2019

Single Family	Multi-Family	Commercial	Industrial
\$10.64 per month <u>\$10.96 per month</u>	\$10.64 per 2,500 sq. ft. hard surface per month (\$10.64 minimum) <u>\$10.99 per 2,500 sq. ft. hard surface per month (\$10.99 minimum)</u>	\$10.64 per 2,500 sq. ft. hard surface per month (\$10.64 minimum) <u>\$10.99 per 2,500 sq. ft. hard surface per month (\$10.99 minimum)</u>	\$10.64 per 2,500 sq. ft. hard surface per month (\$10.64 minimum) <u>\$10.99 per 2,500 sq. ft. hard surface per month (\$10.99 minimum)</u>

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Effective January 1, 2020

Single Family	Multi-Family	Commercial	Industrial
<u>\$11.17 per month</u> <u>\$11.80 per</u> <u>month</u>	<u>\$11.17 per 2,500 sq. ft.</u> <u>hard surface per month</u> <u>(\$11.17 minimum)</u> <u>\$11.80</u> <u>per 2,500 sq. ft. hard</u> <u>surface per month (\$11.80</u> <u>minimum)</u>	<u>\$11.17 per 2,500 sq. ft. hard</u> <u>surface per month (\$11.17</u> <u>minimum)</u> <u>\$11.80 per 2,500 sq.</u> <u>ft. hard surface per month</u> <u>(\$11.80 minimum)</u>	<u>\$11.17 per 2,500 sq. ft.</u> <u>hard surface per month</u> <u>(\$11.17 minimum)</u> <u>\$11.80</u> <u>per 2,500 sq. ft. hard</u> <u>surface per month (\$11.80</u> <u>minimum)</u>

C. "Multi-family Customer" class shall apply to customers with living units that share a common wall.

1. Multi-family customers with two or more living units per meter will be charged the effective rate per 2,500 sq. ft. of impervious surface.

2. Multi-family customers with one water meter per living unit will be charged the prevailing "Single-family customer rate" per unit.

D. State Highway Charge. Pursuant to RCW 90.03.525, the monthly charge for all state highway properties within the city shall be 30% of the charge provided in paragraph B above, unless the city and state agree to a different rate or unless the court of competent jurisdiction holds otherwise.

E. Application to Publicly Owned Properties. Other publicly owned properties shall be charged at the industrial rate as set forth herein.

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F. Application to active gravel mining operations and publicly owned streets, alleys and rights of way. Active gravel mining operations, publicly owned streets, alleys and rights of way shall be charged at the State Highway Charge rate provided in paragraph D as set forth herein.

G. Application to certain qualifying properties. For qualifying properties meeting all of the following criteria, the monthly charge shall be 30% of the charge provided in paragraph B above.

1. The qualifying property is subject to a stormwater management program regulated by and in compliance with the requirements for a Secondary Permittee as defined by Special Condition S6 of the NPDES Western Washington Phase II Municipal Stormwater Permit, and as hereafter amended.

2. The qualifying property does not discharge stormwater into the City of Vancouver surface water drainage system.

SECTION 13. Savings. Those sections of the ordinances amended by this ordinance shall remain in full force and effect until the effective date of this ordinance.

SECTION 14. Severability. If any provision of this Ordinance is held invalid, the validity of the Ordinance as a whole, or any portion thereof, shall not be effected.

SECTION 15. Ratification. Acts taken in conformity with this ordinance prior to its effective date are hereby ratified and affirmed.

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SECTION 16. Effective Date. This ordinance shall be effective on January 1, 2019.

Read first time:

Ayes: Councilmembers

Nays: Councilmembers

Absent: Councilmembers

Read second time:

PASSED by the following vote:

Ayes: Councilmembers

Nays: Councilmembers

Absent: Councilmembers

SIGNED this _____ day of _____, 2018.

Anne McEnery-Ogle, Mayor

Attest:

Natasha Ramras, City Clerk
By: Carrie Lewellen, Deputy City Clerk

Approved as to form:

E. Bronson Potter, City Attorney

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SUMMARY

ORDINANCE NO. _____

AN ORDINANCE amending Vancouver Municipal Code (VMC) Sections 5.04.020, 5.04.075, 5.04.090, 5.04.095, 5.92.010, 5.93.010, 5.94.030, 14.04.210, 14.14.230, and 14.09.060 to amend business license fee limitations and exemptions; to increase water, sewer, and stormwater rate and taxes; and to increase solid waste taxes to fund additional police protection services; and repealing Section 5.04.096 business license fees based on square footages for commercial, industrial, and multi-family residential rental properties; providing for savings, severability, ratification, and 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 (Go to City Government and Public Records).

MEMORANDUM

DATE: June 11, 2018
TO: Vancouver City Council
FROM: Tim Schauer and Tim Leavitt, Co-Chairs, Vancouver Strong Executive Sponsors Council
RE: **Executive Sponsors Council Workplan Update and Recommendation for Replacement Revenue Sources for VPD funding**

The Vancouver Strong Executive Sponsors Council (ESC) continues to make progress on its work to develop for your review and consideration a long term, sustainable funding strategy that will ensure the future health and prosperity of our city by maintaining quality City services, improving our economy and creating opportunities for all residents.

The purpose of this memo is to request a timeline extension for presenting our final funding strategy recommendation, to deliver a recommendation for replacement revenue sources for Vancouver Police Department funding, and to provide a brief review of the Vancouver Strong initiative, our progress to date and the path forward.

TIMELINE EXTENSION

In February 2018, when the Vancouver Strong Mid-Point Report was provided to City Council, our goal was to present a proposed funding package for City services and capital improvements to City Council by May 2018. Since then, we have determined that additional time is needed to allow for a broad-based community engagement process and to place any elements in the package that would require voter approval on a future election ballot.

We appreciate the Council's concurrence with an extended timeline to deliver our comprehensive funding package recommendation for City service enhancements, capital investments, and policy adjustments to December 2018.

REPLACEMENT REVENUE FOR POLICE FUNDING

There is one aspect of the funding strategy that requires attention well before the end of the year: A recommendation to replace \$6.1 million for police services from a new indoor space license fee surcharge, currently set to go into effect on January 1, 2019.

For Council's review and consideration, our recommendation for replacement sources of revenue is outlined below.

RECOMMENDATION FOR POLICE FUNDING REPLACEMENT REVENUE

During our discussions, we have gained an appreciation of the complexity of the City as a service organization as well as a corporate entity. We have also come to appreciate the extreme difficulty of crafting a funding approach that balances a wide spectrum of competing interests in the community.

The police revenue package adopted in February 2017, provided a multi-year staffing strategy for VPD and included revenue from several sources, including a new indoor space license fee surcharge on retail/commercial/ industrial spaces and multi-family units. This new surcharge is set to become effective as of January 1, 2019, but the police funding revenue package included a contingent clause that would repeal the indoor space surcharge if an equivalent and more preferable method of funding is developed and enacted by the end of 2018 as part of the larger, more comprehensive funding discussion.

The new indoor space surcharge is complex to administer and would require the City to hire additional staff in order to implement. We recommend the new indoor space surcharge be repealed and the \$6.1 million in funding for police services be replaced with the below revenue sources:

Revenue Sources	Dollars generated (\$ millions)	Tax rate increase
Savings due to ease of implementation and revenue collection	\$0.25	
Utility tax increase 2019	\$2.39	2.2%
Utility tax increase 2020	\$2.00	1.8%
Business license surcharge (remove cap on companies with more than 400 FTEs)	\$0.56	
Business license surcharge (apply to not-for-profit companies with four or more employees or with revenue greater than \$12,000 per year)	\$0.90	
TOTAL	\$6.10	

The ESC utilized the following rationale in developing this recommendation:

- **More effectively applies the current business license surcharge to capture the existing base without raising rates.** The current \$90 per employee per year business license surcharge (BLS) is dedicated exclusively to funding improvements to the City's street system and paying off transportation bonds (generating \$2.6 million annually) and increasing capacity in the City's police department (generating \$0.8 million annually). These two services are used – either directly or indirectly - by every citizen, employee and business in the city. Further, the ESC recognizes that the business license surcharge is currently the only broadly applied tax exclusive to business activity in the city.

By eliminating the current cap of 400 employees on large employers, the base to which the business license surcharge applies is expanded in a way that more accurately captures the footprint of larger employers, dedicating this revenue to City services that all employers use.

Approximately 11 employers are anticipated to be impacted by this change. These companies employ an estimated total of 9,685 FTEs, and removing the cap is anticipated to result in the surcharge applying to 1.3 percent of total employment within the city. The adjustment also captures revenue from a measurable segment of employment within the city – the nonprofit sector. There are approximately 10,186 full time equivalent jobs in the city associated with a total of 186 individual nonprofits. Of these, 123 have four or more employees. Notably, the largest of these, PeaceHealth, employs approximately 4,500 FTEs. The ESC recognizes that the nonprofit sector by its very nature endeavors to meet community needs that otherwise may not be met at all. However, as noted above, nonprofit entities contribute to demand for essential services that the BLS is designed to fund. Given recent feedback from stakeholders, Council may want to consider phasing in the new requirement for non-profits and large businesses.

- **Preserves exemptions for the smallest non-profits:** The recommendation preserves the exemption to obtain a business licenses for any business that earns less than \$12,000 per year and for nonprofits with less than four employees.
- **Maintains engagement with the business community in a constructive manner.** The ultimate success of the Vancouver Strong effort will depend in part on the support of the business community. Consequently, there is measurable value in listening to concerns raised by the business community with respect to the new indoor space surcharge.
- **Ease of implementation and administration.** As we looked to replace the adopted, but not yet implemented, ordinance for indoor space and multi-family unit business surcharges, we learned of its complexity for those who would pay it as well as for the City, who would administer and account for it. Because the BLS and the utility tax are currently administered by the City, the recommended adjustments to these will not increase administrative burden for either the payer or the City, minimizing administrative complexity and costs.
- **Avoids new fees/taxes on new construction and multi-family housing.** The recommendation acknowledges the near-term shortage in affordable housing and endeavors not to aggravate this situation in the context of this recommendation for replacement revenue. (However, the ESC notes that the comprehensive service package may contemplate revenue sources that impact the cost of housing in Vancouver.)
- **Preserves flexibility for future adjustments to this revenue.** As we develop a comprehensive service and revenue package, further adjustments and refinements to this revenue may be needed. Consequently, replacement revenue should preserve the maximum flexibility for

refinement in the context of future phases of the Vancouver Strong recommendation while continuing to maintain ease of administration.

VANCOUVER STRONG INITIATIVE

In early 2017, the City, working with a Community Resource Team completed a focused effort to identify service gaps at the Vancouver Police Department and develop a funding package to address them. This effort resulted in the City Council adopting a package of fees and taxes to address the gaps in police service. In response, business and community leaders issued a call for the City to commit to a broad-based community engagement process to develop a structural funding solution that will provide stability and predictability for businesses, residents and for City services.

As a result of that call for action, in March 2017, the City convened a group of business and community leaders to play a key role in developing this structural solution. This group is referred to as the Executive Sponsors Council (ESC) and the initiative as Vancouver Strong.

The ESC has been meeting since May 2017, and through a series of meetings we have gained a thorough understanding of the scope of City services, funding challenges and opportunities, and financial tools. The ESC has come to understand how limited and shallow the revenue tool box is for the City to address growing service needs.

We began our work with an understanding of the City's Strategic Plan and a collective vision for a strong Vancouver. Our challenge is to improve our city by taking action to prevent a state of decline and to make viable the community's aspirations for Vancouver. We believe that through a strategic approach to investing in City services, we can maintain safety and improve livability, vibrancy, and economic vitality for all.

The goal of Vancouver Strong is to develop a long-term, comprehensive, streamlined and sustainable funding package that will enable the City to invest in the capital improvements and services identified in the Strategic Plan and other adopted City plans to serve the Vancouver community. The ESC will be conducting a community engagement process to inform development of a funding package before presenting a proposed funding package to City Council by the end of 2018.

FUTURE GROWTH AND REVENUE CONSTRAINTS

Vancouver is currently experiencing population and economic growth which has increased demand for City resources and services. Since the end of the recession, Vancouver's population has increased by over 3,200 new residents per year and is urbanizing at the fastest pace in a generation. In response, the City has made great strides to address some of our most critical service needs through a disciplined approach to managing resources, including cost containment, efficiency improvements and service reductions as well as a series of focused efforts around core service areas such as fire and emergency

medical services, affordable housing, streets and police. The City provides services to nearly 25,000 more citizens and 3,000 new businesses than it did just 10 years ago – with 110 fewer City employees.

Despite incremental adjustments to the City’s revenue structure and an ongoing focus on efficiencies and fiscal discipline, gaps persist in key areas of City services. These gaps are forecast to continue to widen each year due to ongoing demand from a growing population paired with the constraints in the basic revenue structure that funds general City services.

The intricacies of the revenue system in Washington State and the compounded impacts of the City’s repeal of the business and occupation tax in the early 1990s, the statewide tax reform initiatives passed in the late 1990s and early 2000s, and the economic impacts of the great recession, have all resulted in the City’s general revenues lagging behind inflation and not keeping pace with the growth in demand for services.

The largest three revenues for the City’s general fund – property tax, sales tax and utility tax on city owned utilities – make up 73 percent of the total revenues. The City’s largest and most stable general revenue – property taxes – is the most constrained, with the revenue base limited to the lower of 1 percent annual growth or inflationary index regardless of how strong or weak the economy is. Sales tax is highly volatile and susceptible to economic swings.

While the near-term forecast for the City indicates financial stability, the impact of the structural imbalance in how core City services are funded will become challenging, and if not proactively addressed now, we will start experiencing declining service levels across all general City services in the very near future.

THE PATH FORWARD

The ESC will continue to meet through November 2018 and has developed a work plan (attached) to develop a final recommendation. This summer City staff, in partnership with ESC members, will implement a public engagement effort to gain broader input on a draft recommendation.

We have identified the following decision-making considerations to use in developing our comprehensive recommendations for City services, capital investments and policy changes:

- Helps retain and/or attract talent to the local community and economy
- Serves as a catalyst to lead and promote private investment
- Prevents problems or proactively addresses cause
- Provides a tangible benefit to residents, especially those who are the most vulnerable or underserved
- Enhances relationships and connections among Vancouver residents
- Promotes social and geographic equity of service delivery and social benefits
- Focuses on services or responsibilities that rest solely or primarily with the City
- Provides opportunities for positive financial or community return on investment
- Reflects stewardship of what we already have
- Has potential to increase city revenue base

- Focused toward the long-term (sustainability and prevention)

Considerations for development of a revenue package to fund new or enhanced services include:

- Fair and holistic: Distributes revenue generation across sectors, users and customers
- Sustainable: Keeps pace with inflation over time to help Vancouver achieve its vision
- Simple: Helps simplify the taxing structure
- Scalable: Can grow with Vancouver
- Stable: Generates reliable and predictable revenue
- Equitable: Results in no disproportionate impacts on certain groups or populations.

Thank you for considering our recommendation for replacement revenue for Vancouver Police Department funding. We believe this recommendation provides a more streamlined and equitable approach to raising the revenues needed for police services.

We look forward to continuing our work on developing a comprehensive funding package for your consideration later this year. We also look forward to engaging with a broad group of community leaders and Vancouver residents to seek feedback as we develop this plan.

We are committed to helping make our community a better place. By developing a comprehensive funding strategy for city services today we can maintain the safety and improve the livability in our city for the future. We believe this work will help to ensure a strong future for Vancouver, a place people are proud to call home.

ATTACHMENT:

- Work plan

VANCOUVER STRONG
Executive Sponsors Council
Work Plan
DRAFT – May 13, 2018

	Meeting	Description	Public outreach
10	March 8	Topics: ESC workplan, revenue decision criteria, phase 1 recommendation Purpose: To move ahead with longer time frame and advance phase 1 recommendations Materials: Draft workplan, draft revenue criteria, revenue scenarios for phase one, calculator	Briefings with stakeholders Website
11	April 12	Topics: Phase 1 recommendation, revenue criteria, outreach plan Purpose: To finalize phase 1 recommendation and revenue criteria, to provide input on outreach and engagement plan Materials: Memo, revised phase 1 scenarios, draft revenue criteria, draft outreach and engagement plan	Website
12	May 24 (Operations center)	Topics: Formalize final initial phase recommendation, capital investments, decision-making framework for long-term investments Purpose: Consider scenarios for capital investments and how recommendations will be made Materials: Capital investment scenarios	Website Email update/social media
13	June 21 Note: 9am – 3pm (Tour of waterfront park)	Topics: Service package scenarios for operating investments, revenue scenarios Purpose: To advance package of investments and revenue package to present for broader public and stakeholder review Materials: Scenarios for operating investments	ESC led briefings with community groups and organizations (City staff provides tool kit of templates and materials) Enhance information sharing: - Newsletter/email - Factsheet - Website
14	July Date TBD (Added meeting)	Topics: Service package scenarios, revenue package scenarios and potential policy changes Purpose: To agree on public review package: operations, capital investments, revenue package and policy changes Materials: Scenarios for revenue enhancements and service enhancements	Information pop-ups and community awareness activities at farmer's market, park events, shopping center ESC led briefings with community groups and organizations (City staff provides tool kit of templates and materials)

	Meeting	Description	Public outreach
	July - Aug	Community Leaders Roundtable / Summit	Online feedback Information pop-ups and community awareness activities - Farmer's Market - Park events - Shopping center booth - information sharing: - Newsletter/email - Factsheet - Website, social media
14	Sept. 13	Topics: Public engagement results, refine recommendations for service package, revenue package and policy changes Purpose: To hear results of public engagement on capital investment package and operating package and refine for final consideration and recommendation to City Council Materials: Public comment report, preferred scenario, report outline	Information sharing: - Newsletter/email - Factsheet - Website, social media
15	Oct. 25	Topics: Recommendation to City Council Purpose: To advance the recommendation(s) and report to City Council Materials: Draft report with recommendations	Email update/social media Website
16	Nov. 7	Topics: Final recommendation to City Council Purpose: To adopt the final recommendation(s) and report to City Council and close out the ESC process Materials: Revised draft report with recommendations	Email update/social media Website
	December	n/a	
	January	ESC recommendations presented to City Council	

2019 Garbage and Recycling Service Rates

VANCOUVER
CITY HALL



October 1, 2018

Vancouver City Council Public Hearing

Tanya Gray, Solid Waste Supervisor
Rich McConaghy, Solid Waste Manager

Presentation Overview

- Brief overview of Vancouver's Solid Waste Program
- Factors that affect rates
- Present the rate increase to garbage and recycling services
- Compare Vancouver rates to other communities

Prior Council Review

- 8/27/18 – City Council Agenda item & First Reading, Returned to staff for further review
- 9/24/18 – City Council Agenda item & First Reading
- 10/1/18 – City Council Agenda item, Second Reading & Public Hearing

Solid Waste Program Goals

- Assure high quality & economical garbage and recycling services for City residents, businesses and neighborhoods.
- Engage the community in reducing volumes and toxicity of land-filled wastes.
- Conserve resources, protect health and safety.

Solid Waste Programs

- Assistance to neighborhoods
- Education and outreach
- Planning and program development

Factors that Affect Rates

- City's collection contract specifies unique rate model for calculating and annually adjusting Solid Waste rates.
- Data updated in the model for 2019 includes:
 - Inflation Adjustment Factor = 3.91 percent
 - Tip Fee increase = 2.7 percent, or \$2.49 per ton
 - Customer Census
 - Utility Tax increase of 2.4%
- Result: 7.0% rate increase for typical services including disposal, 4% increase on services that do not include disposal (recycling, rental, etc.)

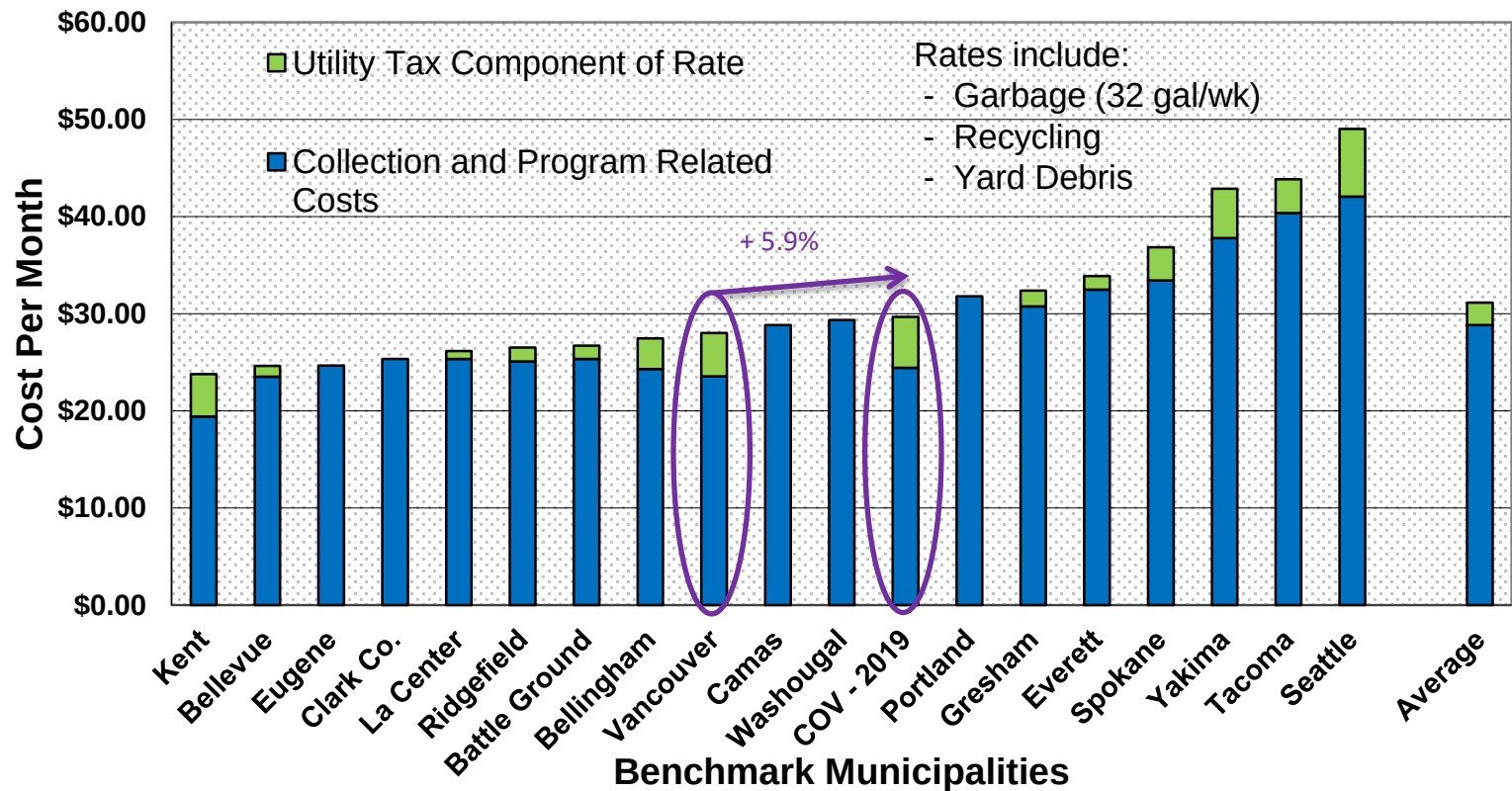
Solid Waste Residential Rates (monthly)

Current & Recommended	2018	2019	Difference
Typical Residential Customer			
Garbage (32 gallons weekly)	\$17.97	\$19.22	
Recycling	\$2.90	\$3.01	
Garbage and Recycling Combined	\$20.87	\$22.23	\$1.36
Yard Debris (Optional)	\$7.15	\$7.43	\$0.28
Garbage and Recycling Combined with optional Yard Debris Service	\$28.02	\$29.66	\$1.64
All rates are monthly and include Utility Tax			

Solid Waste Commercial Rates (monthly)

Current & Recommended	2018	2019	Difference
Typical Commercial Customer			
Weekly Garbage & Recycling	\$184.07	\$196.86	\$12.79
(2 yards of garbage & max 3 yards of recycling)			
All rates are monthly and include Utility Tax			

Solid Waste Rate Comparisons - 2018



Next Steps/Timeline

- October 1, 2018 – Approve ordinance upon second reading and public hearing.
- January 1, 2019 – New rates take effect.
- Currently in discussions with County and regional processor of recyclable materials. We may be back later in the year with an update on this situation.

Questions and Discussion

- Tanya Gray, Solid Waste Supervisor
- tanya.gray@cityofvancouver.us or 360-487-7163



Staff Report 131A-18

TO: Mayor and City Council

FROM: Eric Holmes, City Manager

DATE: 10/1/2018

SUBJECT Garbage, Yard Debris and Recycling Collection Rate Increases for 2019

Key Points

- The comprehensive contract between the City of Vancouver and Waste Connections of Washington includes a rate-setting model that allows for an annual inflation adjustment factor (a combination of consumer price and fuel indices) to rates paid by customers.
- An increase to the tipping fee for waste disposal at the transfer stations also impacts the rate that customers will pay in 2019.
- Rates paid by customers for garbage and recycling collection services were last adjusted for inflation in January of 2018.
- Prior to that, pass-through adjustments in the City-imposed utility tax on the garbage portion of the rate (January 2016 and April 2017) were the only adjustments since 2013. Instead, the contractor's obligatory annual rate adjustment was achieved through reductions in the fee paid to the City's Solid Waste Fund.
- As addressed in Staff Report 130A-18, in accordance with the proposed amendment to VMC 5.94.030, an increase to the gross receipts tax on the solid waste utility by 2.4% effective January 1, 2019 (this requires a 3.3% overall increase in rates charged for garbage collection, but not for recycling services). Future adjustments to the gross receipts tax will be incorporated in the annual rate-setting process for garbage and recycling collection.
- Amend VMC 6.12.208, 6.12.209, 6.12.210, 6.12.211 and 6.12.212, 6.12.213 to provide for increases in solid waste rates (due to both the annual rate-setting process and the increase in gross receipts tax) effective January 1, 2019.

Strategic Plan Alignment

N/A

Present Situation

City Council is the rate-making authority for garbage, residential recycling, and yard debris collection services within the City of Vancouver. The City contracts with a private hauling company, Waste Connections of Washington, to provide comprehensive garbage, recycling and yard debris

collection services to residents and businesses within city limits. The contract terms authorize Waste Connections to receive annual adjustments to customer rates based on changing operating conditions including: an inflation adjustment factor tied to a percentage of the CPI and fuel costs, disposal tip fees, the number of customers served and fees paid to the City to support solid waste related programs. All adjustments to rates are made in accordance with Exhibit D of the contract. Garbage rates also include the City's utility tax embedded within them. The City's utility tax does not apply to recycling or yard debris services.

For 2019, Public Works staff updated the model consistent with the contract and the anticipated increase in the utility tax and determined that garbage rates will need to increase by 6.6 percent while recycling and selected other fees, not linked to the disposal tip fee, will need to increase by 4 percent, effective January 1st. Key reasons for this increase are a 3.61 percent increase in the CPI, a 19.68 percent increase in the diesel fuel index, and a 2.7 percent increase in the disposal tip fees.

Inflation Adjustment Factor

Under the contract, collection costs for garbage, recycling and yard debris adjust at 80 percent of a blended and combined CPI (92 percent) and diesel fuel index (8 percent) factor which leads to a 3.91 percent increase for the collection cost component and other miscellaneous fees. New this year, the CPI specified in the contract (Consumer Price Index First Half for the Portland Metropolitan Area for Urban Wage Earners and Clerical Workers, All Items (Revised Series) (CPI-W, 1982-1984=100), prepared and reported in August each year by the United States Department of Labor, Bureau of Labor Statistics) is no longer being calculated by the Bureau of Labor Statistics (BLS). Therefore, the parties have agreed to a replacement index as is permissible under the contract. The new CPI is the First Half for all items in Seattle-Tacoma-Bellevue, WA, urban wage earners and clerical workers, not seasonally adjusted (1982-84=100).

Disposal Tip Fees

On January 1st, the disposal tip fee is scheduled to increase \$2.49 per ton due to growth in the CPI (Waste Connections receives 75 percent of the CPI change). This \$2.49 per ton increase in the tip fee will take the current tip fee at the transfer stations from \$93.22 per ton to \$95.71 per ton (a 2.7 percent increase). The proposed tip fee for 2019 also includes a continuance of \$1.43 per ton surcharge approved by the Clark County Council to make up for a reduction in Department of Ecology grant funds of approximately \$540,000 per year in the 2017-2019 biennium, and an additional 9 cents per ton surcharge for the acquisition and development of private land near the Central Transfer Station to be developed into a drop lane for customers entering the transfer station heading south on SR 503. Those latter improvements were deemed necessary to handle increased traffic at Central Transfer Station.

Recycling Fees

The rates proposed for January 1, 2019, include adjustments to these fees based only on the Inflation Adjustment Factor detailed above. As a result of international recycling market conditions over the past 6 to 9 months, Columbia Resource Company (the designated processor of recyclable materials collected under this contract and a wholly owned subsidiary of Waste Connections of Washington) has requested increased compensation to offset increased processing costs as well as decreased market revenue. No specific strategy or a particular surcharge has been agreed to at this time, however, the City should anticipate that with involvement of Clark County and other cities that contract for recycling collection, some further increase to the recycling fee(s) may be proposed later this year or early in 2019.

City Fee

Garbage rates were last increased in January 2018 after remaining flat since 2013. Customer rates for those operating cost factors were kept stable by offsetting Waste Connections' contractually allowed cost increases using a combination of the Solid Waste Fund's Operating and Rate Stabilization Reserve and a reduction in the franchise fee paid by Waste Connections to the City used to fund the City's solid waste program. Increases to customer rates in January 2016 and April 2017 were a pass through of the City-imposed Utility Tax on garbage services.

These adjustments are in line with the City policy to maintain steady rates to customers with reasonable increases. For 2019, contractual rate adjustments are proposed to be passed on to the customers. The combination of tip fee increases and the inflation adjustment factor results in a proposed rate increase of approximately 7.0 percent for most customer rates. For example, the typical customer with a 32 gallon cart currently pays \$20.87 per month for garbage and recycling services. With the proposed increase, for 2019 that service would cost \$22.22 per month. Households with subscription yard debris service currently pay \$7.15 per month and with the proposed increase that rate would grow to \$7.43 per month.

Staff recommends increasing customer rates to meet the contractual obligations of adjusting collection services by the defined Inflation Adjustment Factor. Garbage rates, which include disposal costs, will increase 7.0 percent while residential recycling, yard debris and other rates, which do not include disposal costs, will increase by about 4% as detailed on a two-page Proposed Rate Summary for 2019 (attached). All adjustments will be effective January 1, 2019.

Advantage(s)

1. Increasing customer rates maintains the City's high level of solid waste services including many different options for curbside collection of garbage, recycling and yard debris (optional).
2. Continues to provide funds for the neighborhood cleanup programs including spring yard debris coupons, Saturday bulky waste collection events, and free Recycling 101 workshops.
3. Ensures funds for addressing solid waste code compliance and litter issues in the City.
4. Provides funds for regional Solid Waste programs for administration of the solid waste transfer and disposal system, long-term solid waste management planning, and education and outreach.

Disadvantage(s)

All customers will pay higher garbage rates. For the average household with 32-gallon per week garbage and every-other-week recycling collection service, the combined monthly rate will increase by 6.5 percent from \$20.87 to \$22.22 or \$1.35 per month. For those with optional yard debris service, the rate for the yard debris service will increase by 3.9 percent from \$7.15 to \$7.43 or \$0.28 per month.

Budget Impact

Increasing the customer rates will provide the Solid Waste fund with an additional \$49,000 per year. It will also increase funds collected to support General Fund programs (including Streets and Police) via the higher utility tax.

Prior Council Review

This is an annual rate-setting process for Council.

Action Requested

On October 1, 2018, subject to second reading and public hearing, approve ordinance.

Tanya Gray, Solid Waste Supervisor, 487-7163

ATTACHMENTS:

- ▣ Ordinance
- ▣ Summary of Proposed Solid Waste Rates

09/24/18
10/01/18

ORDINANCE NO. M- [Ordinance Number]

AN ORDINANCE relating to the collection of solid waste, recyclable materials and yard debris, and amending certain sections of VMC 6.12 to increase rates and charges consistent with approved utility user taxes and rates and in accordance with current contracts for the coming year; providing for savings, severability and an effective date.

WHEREAS, solid waste collection, residential recycling, and yard debris rates were last changed by adoption of Ordinance M-4220 (November 20, 2017), and current rates became effective January 1, 2018, and

WHEREAS, solid waste collection, residential recycling, and yard debris rates were last changed by adoption of Ordinance M-4220 (November 20, 2017), and current rates became effective January 1, 2018; and

WHEREAS, the City Council is currently considering a proposal to fund additional police services which, if adopted, will require an increase in the solid waste utility tax rate along with other utility tax rates and an increase in the business license surcharge tax; and

WHEREAS, the proposal for such increases is being considered in a different ordinance that the Council may adopt with this ordinance; and

ORDINANCE - 1

WHEREAS, such changes in the utility tax rate for solid waste will require changes to the solid waste rates which are incorporated in this ordinance; and

WHEREAS, utility taxes are applied to the gross revenues of each utility; and

WHEREAS, utility rates need to be increased to ensure each utility collects the same amount of revenue it did prior to the utility tax increase; and

WHEREAS, the City's contract for solid waste, residential recyclables and yard debris collection services contains provisions for annual adjustments to rates charged by the Contractor based upon changes in the Consumer Price Index (CPI), a Fuel Index, changes in disposal tipping fees, and changes in the City fee as calculated through the contract's Exhibit D rate model, and

WHEREAS, the Inflation Adjustment Factor (IAF) for rates set for the 2019 period has been calculated at 3.91% by combining a 3.605 percent increase in the Seattle-Tacoma-Bellevue CPI-W and a 19.68% percent increase in the Fuel Index (weighted 92 percent and 8 percent respectively) factored at 80 percent as the allowed annual compensation adjustment for the collection contractor, and

WHEREAS, per Clark County contract provisions with the facility operator, disposal fees at transfer stations used to dispose of waste collected by the Contractor under the specifications of the comprehensive collection contract are set to increase by 2.70 percent (75% of the CPI) to \$95.71 per ton of municipal solid waste effective January 1, 2019, and

WHEREAS, the City's comprehensive collection contract also contains provisions for annual adjustments in compensation of rates for recycling and yard debris collection services based on the above noted changes in the IAF, and

ORDINANCE - 2

WHEREAS, Exhibit D of the contract will be utilized once rates are approved to adjust the monthly City Fee payments for 2019 to accurately balance approved compensation to the contractor.

NOW, THEREFORE,

BE IT ORDAINED BY THE CITY OF VANCOUVER:

Section 1. That part of Section 20 of Ordinance M-2665, last amended by that part of Section 1 of Ordinance M-4220, codified as VMC 6.12.208, is hereby amended to read as follows:

Section 6.12.208 Residential/multifamily cart rates.

The following table lists rates charged for residential/multifamily cart service:

Curb Service:	2018	<u>2019</u>	
32-gallon cart service			
Weekly collection	\$17.97	<u>\$19.22</u>	per month
Each additional cart	17.97	<u>19.22</u>	per month
Every other week	13.48	<u>14.42</u>	per month
Each additional cart	13.48	<u>14.42</u>	per month
Once a month	8.09	<u>8.65</u>	per month
64-gallon cart service			
Weekly collection	\$35.94	<u>\$38.44</u>	per month
Each additional cart	33.94	<u>38.44</u>	per month
Every other week	17.97	<u>19.22</u>	per month
96-gallon cart service			
Weekly collection	\$53.91	<u>\$57.66</u>	per month
Each additional cart	53.91	<u>57.66</u>	per month
20-gallon cart service			
Weekly collection	\$13.48	<u>\$14.42</u>	per month
Every other week	10.78	<u>11.53</u>	per month

Carryout Service:

32-gallon cart service			
Weekly collection	\$26.96	<u>\$28.83</u>	per month
Each additional cart	26.96	<u>28.83</u>	per month
Every other week	20.22	<u>21.63</u>	per month
Each additional cart	20.22	<u>21.63</u>	per month
Once a month	12.14	<u>12.98</u>	per month
64-gallon cart service			
Weekly collection	\$44.93	<u>\$48.05</u>	per month
Every other week	38.19	<u>40.85</u>	per month
96-gallon cart service			
Weekly collection	\$62.90	<u>\$67.27</u>	per month
20-gallon cart service			
Weekly collection	\$20.22	<u>\$21.63</u>	per month
Every other week	16.17	<u>17.30</u>	per month

Special / Optional Services:

Extra 32-gallon or equivalent (or portion thereof)			
Curb	\$7.07	<u>\$7.56</u>	per pick up
Carryout	10.60	<u>11.34</u>	per pick up
Return trip fee	10.39	<u>11.15</u>	per trip
Overweight/overfilled cart	Billed as an extra		
Cart replacement fee	At cost		
Cart delivery, initial	0.00		
Cart delivery, subsequent	13.01	<u>13.86</u>	

Service Stop for Vacation:

Minimum period of two weeks.

Maximum of three vacations per year.

Section 2. That part of Section 21 of Ordinance M-2665, last amended by that part of Section 2 of Ordinance M-4220, codified as VMC 6.12.209, is hereby amended to read as follows:

Section 6.12.209 Commercial cart rates.

The following table lists garbage rates charged for commercial cart service:

Curb service:	<u>2018</u>	<u>2019</u>	
32-gallon cart service			
Weekly collection	\$19.98	<u>\$21.37</u>	per month
Each additional cart	19.98	<u>21.37</u>	per month
Every other week	14.99	<u>16.03</u>	per month
Each additional cart	14.99	<u>16.03</u>	per month
Once a month	8.99	<u>9.62</u>	per month
64-gallon cart service			
Weekly collection	\$39.96	<u>\$42.74</u>	per month
Each additional cart	39.96	<u>42.74</u>	per month
Every other week	19.98	<u>21.37</u>	per month
96-gallon cart service			
Weekly collection	\$59.94	<u>\$64.11</u>	per month
20-gallon cart			
Weekly collection	\$14.99	<u>\$16.03</u>	per month
Every other week	11.99	<u>12.82</u>	per month
Carryout Services:			
32-gallon cart service			
Weekly collection	\$29.97	<u>\$32.06</u>	per month
Each additional cart	29.97	<u>32.06</u>	per month
Every other week	22.49	<u>24.05</u>	per month
Each additional cart	22.49	<u>24.05</u>	per month
Once a month	13.49	<u>14.43</u>	per month
64-gallon cart service			
Weekly collection	\$49.95	<u>\$53.43</u>	per month
Every other week	29.97	<u>32.06</u>	per month
96-gallon cart service	\$69.93	<u>\$74.80</u>	per month
20-gallon cart service			
Weekly collection	\$22.49	<u>\$24.05</u>	per month
Every other week	17.99	<u>19.23</u>	per month

Special / Optional Services:

Extra 32-gallon or equivalent (or portion thereof)

Curb	\$7.84	<u>\$8.38</u>	per pick up
Carryout	11.81	<u>12.63</u>	per pick up
Return trip fee	10.39	<u>11.15</u>	
Overweight/overfilled cart	Billed as an extra		
Cart replacement fee	At cost		
Cart delivery, initial	0.00		
Cart delivery, subsequent	13.00	<u>13.95</u>	

Late Fee:

Late fee: 1.5 percent of balance outstanding at thirty days past due date.

Vacation Allowance:

Minimum period of two weeks.

Maximum of three vacations per year.

Section 3. That part of Section 13 of Ordinance C-33, last amended by that part of Section 3 of Ordinance M-4220, codified as VCM 6.12.210, is hereby amended to read as follows:

Section 6.12.210 Container rates.

The following Table 6.12.210 lists garbage rates charged for container service:

Table 6.12.210 (2018 2019 Rates)**Regular Containers**

Size (In Yards)	Weekly Frequency					
	1	2	3	4	5	6
1	\$122.71	\$245.42	\$368.13	\$490.84	\$613.55	\$736.26
	<u>\$131.24</u>	<u>\$262.48</u>	<u>\$393.72</u>	<u>\$524.96</u>	<u>\$656.20</u>	<u>\$787.44</u>
1.5	153.39	306.78	460.16	613.55	766.94	920.33
	<u>164.05</u>	<u>328.10</u>	<u>492.15</u>	<u>656.20</u>	<u>820.25</u>	<u>984.30</u>
2	184.07	368.13	552.20	736.26	920.33	1,104.39
	<u>196.86</u>	<u>393.72</u>	<u>590.58</u>	<u>787.44</u>	<u>984.30</u>	<u>1,181.16</u>
3	245.42	490.84	736.26	981.68	1,227.10	1,472.52

	<u>262.48</u>	<u>524.96</u>	<u>787.44</u>	<u>1,049.92</u>	<u>1,312.40</u>	<u>1,574.88</u>
4	<u>306.78</u>	<u>613.55</u>	<u>920.33</u>	<u>1,227.10</u>	<u>1,533.88</u>	<u>1,840.65</u>
	<u>328.10</u>	<u>656.20</u>	<u>984.30</u>	<u>1,312.40</u>	<u>1,640.50</u>	<u>1,968.60</u>
5	<u>368.13</u>	<u>736.26</u>	<u>1,104.39</u>	<u>1,472.52</u>	<u>1,840.65</u>	<u>2,208.78</u>
	<u>393.72</u>	<u>787.44</u>	<u>1,181.16</u>	<u>1,574.88</u>	<u>1,968.60</u>	<u>2,362.32</u>
6	<u>429.49</u>	<u>858.97</u>	<u>1,288.46</u>	<u>1,717.94</u>	<u>2,147.43</u>	<u>2,576.91</u>
	<u>459.35</u>	<u>918.68</u>	<u>1,378.02</u>	<u>1,837.36</u>	<u>2,296.70</u>	<u>2,756.04</u>
8	<u>552.20</u>	<u>1,104.39</u>	<u>1,656.59</u>	<u>2,208.78</u>	<u>2,760.98</u>	<u>3,313.17</u>
	<u>590.58</u>	<u>1,181.16</u>	<u>1,771.74</u>	<u>2,362.32</u>	<u>2,952.90</u>	<u>3,543.48</u>

Compactor Containers

Size (in Yards)	Weekly Frequency					
	1	2	3	4	5	6
1	<u>275.43</u>	<u>550.86</u>	<u>826.29</u>	<u>1,101.72</u>	<u>1,377.15</u>	<u>1,652.58</u>
	<u>294.57</u>	<u>589.14</u>	<u>883.71</u>	<u>1,178.28</u>	<u>1,472.85</u>	<u>1,767.42</u>
1.5	<u>344.29</u>	<u>688.58</u>	<u>1,032.86</u>	<u>1,377.15</u>	<u>1,721.44</u>	<u>2,065.73</u>
	<u>368.21</u>	<u>736.43</u>	<u>1,104.64</u>	<u>1,472.85</u>	<u>1,841.06</u>	<u>2,209.28</u>
2	<u>413.15</u>	<u>826.29</u>	<u>1,239.44</u>	<u>1,652.58</u>	<u>2,065.73</u>	<u>2,478.87</u>
	<u>441.86</u>	<u>883.71</u>	<u>1,325.57</u>	<u>1,767.42</u>	<u>2,209.28</u>	<u>2,651.13</u>
3	<u>550.86</u>	<u>1,101.72</u>	<u>1,652.58</u>	<u>2,203.44</u>	<u>2,754.30</u>	<u>3,305.16</u>
	<u>589.14</u>	<u>1,178.28</u>	<u>1,767.42</u>	<u>2,356.56</u>	<u>2,945.70</u>	<u>3,534.84</u>
4	<u>688.58</u>	<u>1,377.15</u>	<u>2,065.73</u>	<u>2,754.30</u>	<u>3,442.88</u>	<u>4,131.45</u>
	<u>736.43</u>	<u>1,472.85</u>	<u>2,209.28</u>	<u>2,945.70</u>	<u>3,682.13</u>	<u>4,418.55</u>
5	<u>826.29</u>	<u>1,652.58</u>	<u>2,478.87</u>	<u>3,305.16</u>	<u>4,131.45</u>	<u>4,957.74</u>
	<u>883.71</u>	<u>1,767.42</u>	<u>2,651.13</u>	<u>3,534.84</u>	<u>4,418.55</u>	<u>5,302.26</u>
6	<u>964.01</u>	<u>1,928.01</u>	<u>2,892.02</u>	<u>3,856.02</u>	<u>4,820.03</u>	<u>5,784.03</u>
	<u>1,031.00</u>	<u>2,061.99</u>	<u>3,092.99</u>	<u>4,123.98</u>	<u>5,154.98</u>	<u>6,185.97</u>
8	<u>1,239.44</u>	<u>2,478.87</u>	<u>3,718.31</u>	<u>4,957.74</u>	<u>6,197.18</u>	<u>7,436.61</u>
	<u>1,325.57</u>	<u>2,651.13</u>	<u>3,976.70</u>	<u>5,302.26</u>	<u>6,627.83</u>	<u>7,953.39</u>

Note: Above rates are for containers supplied by contractor. Rates for compacted solid waste apply only when such waste has been compacted by any mechanical device prior to its pickup by the collector. Loose waste dumped into the collector's packer truck from a container will be subject to the rates for non-compacted material. However, waste that has been compressed or compacted by any mechanical device and then subsequently dumped into a loose yard container to be picked up by the Contractor shall be subject to compacted container rates only upon prior written approval of the Director.

Special Services:

Special pickups shall be charged the extra yard rate multiplied by the size of the container plus the return trip charge.

	2018	<u>2019</u>	
One-time delivery/pickup/disposal of 3-yard "Rent-a-Bin"	\$156.32	<u>\$167.18</u>	
Additional "Rent-a-Bin" pickup	96.87	<u>103.60</u>	
Return trip (blocked container, etc.)	15.21	<u>16.33</u>	
Lock charge (if automatic system used)	\$0.00		
Lock charge (if manual system used)	2.43	<u>2.61</u>	per collection
Subsequent deliveries/moves/replacements	27.70	<u>29.73</u>	per trip
Accessibility charge	3.46	<u>3.71</u>	per collection
Rollout charge			
Greater than 15 feet	3.46	<u>3.71</u>	per collection
Greater than 20 feet	5.54	<u>5.95</u>	per collection
Steam cleaning (customer request or requirement)	41.53	<u>44.48</u>	per container
Overfill/extra yardage (or portion thereof)	15.61	<u>16.69</u>	per event

Overweight charges for container service: If the Contractor identifies that a Customer's disposal weights are consistently in excess of 130 lbs. per loose yard (if charged loose container rates) or 455 lbs. per compacted yard, or per yard of heavy material such as dirt, rock, etc. (if charged compacted container rates) the Contractor may charge a flat overweight surcharge in addition to the regular rates. The surcharges will be equal to the weight in excess of 200 pounds per loose yard or 700 pounds per compacted yard multiplied by the current disposal rates per pound, multiplied by the number of yards serviced per month. The surcharge may also be applied to any extra or special pickups. The Contractor shall not charge the overweight container charge until the on-going overweight account has been brought to the attention of the Director. The Contractor may charge the overweight charge once the Director has investigated the issue and made a written determination as to whether or not the proposed charge is appropriate to the situation.

Late Fee:

Late fee: 1.5 percent of balance outstanding at thirty days past due date.

Service Stops for Vacation:

Minimum period of two weeks.

Maximum of three vacations per year.

Section 4. That part of Section 23 of Ordinance M-2665, last amended by that part of Section 4 of Ordinance M-4220, codified as VCM 6.12.211, is hereby amended to read as follows:

6.12.211 Drop box and compactor rates.

The following table lists garbage rates charged for drop box and compactor service:

Regular Service:	2018	<u>2019</u>	
Initial Placement fee	34.58	<u>37.12</u>	per trip
Moving fee	34.58	<u>37.12</u>	per trip
Steam clean (per customer request or as required)	3.73	<u>4.00</u>	per yard
Minimum	36.20	<u>38.86</u>	min
Plus: pickup and redelivery	34.58	<u>37.12</u>	per trip

Trucking Fee (empty and return - roundtrip haul charge):**Drop Box**

10-yard	135.65	<u>145.61</u>
20-yard	135.65	<u>145.61</u>
30-yard	135.65	<u>145.61</u>
40-yard	135.65	<u>145.61</u>

Compactor

10-yard	150.72	<u>\$161.79</u>
20-yard	150.72	<u>\$161.79</u>
30-yard	150.72	<u>\$161.79</u>
40-yard	150.72	<u>\$161.79</u>

Add disposal pass through at amount of tipping fee and disposal transaction fees or taxes to above charges.

Daily demurrage – Per Day	3.23	<u>\$3.47</u>	per day
Monthly demurrage – Monthly Maximum	97.39	<u>104.54</u>	monthly max
Special/modified box rental (Lid/screen/winch, etc.) – Per Day	4.64	<u>4.98</u>	per day
Monthly Maximum	139.72	<u>149.98</u>	monthly max
Waiting Time (after first 10 minutes) – Charge Per Minute	1.64	<u>1.76</u>	per minute
Mileage charge (over 10)	3.00	<u>3.22</u>	per mile
Locking system Materials plus labor @ per hour	34.58	<u>37.12</u>	per hour
“Check only” service (price per container and per check)	10.37	<u>11.13</u>	
Return trip charge (per container)	27.70	<u>29.73</u>	

Yard debris collection drop box service -Same rate as regular drop box service, except that disposal will be charged at current yard debris processing rate.

Late Fee:

Late fee: 1.5 percent of balance outstanding at thirty days past due date.

Section 5. That part of Section 24 of Ordinance M-2665, last amended by that part of Section 5 of Ordinance M-4220, codified as VCM 6.12.212, is hereby amended to read as follows:

6.12.212 Other rates.

The following table lists garbage rates for types of pickup other than those set out in Sections 6.12.208 through 6.12.211:

Bulky item pickup:	2018	<u>2019</u>	
Stove	15.53	<u>16.67</u>	each
Washing machine	16.99	<u>18.24</u>	each

Dryer	14.07	<u>15.10</u>	each
Water heater	17.27	<u>18.54</u>	each
Refrigerator, freezer	28.09	<u>30.15</u>	each
Sofa	14.07	<u>15.10</u>	each
Chair	11.23	<u>12.05</u>	each
Mattress or box springs	12.71	<u>13.64</u>	each
Tires			
Auto/light pickup	6.69	<u>7.18</u>	each
with rim	10.35	<u>11.11</u>	each
Bus/heavy truck	20.98	<u>22.52</u>	each
with rim	34.61	<u>37.15</u>	each
Other bulky items	14.79	<u>15.88</u>	each

Hourly equipment rental:

Sideloaded compactor truck	94.10	<u>101.01</u>	per hour
Rolloff truck/Front Load Compactor truck	96.91	<u>104.03</u>	per hour
Extra labor	42.91	<u>46.06</u>	per hour
Overtime rate	Extra labor rate X 1.5		

Section 6. Ordinance M-3069, last amended by that part of Section 6 of Ordinance M-4220, codified as VCM 6.12.213, is hereby amended to read as follows:

6.12.213 Residential recycling fees.

The following fees shall be charged for recycling program costs within the city of Vancouver:

- (a) For each dwelling unit in a structure containing from one to four residential dwelling units, ~~\$2.90~~ \$3.01 per month.

ORDINANCE - 11

(b) Five or more residential dwelling units on a consolidated solid waste collection bill, ~~\$1.29~~ \$1.29 per month per unit.

The following optional fee shall be charged to those residents who voluntarily subscribe for service:

Yard Debris Collection Service	<u>2018</u>	<u>2019</u>	
Basic subscription, with 64-gallon cart	\$7.15	<u>\$7.43</u>	per month
1st additional 32-gallon equivalent (or portion thereof)	\$0.00		per month
Additional 32-gallon equivalent (or portion thereof, per item)	\$3.26	<u>3.39</u>	per pickup
Service restart fee, within one year of last service	\$10.00	<u>10.39</u>	
Subscription service, on-call with no cart	\$5.46	<u>5.67</u>	per pickup
Optional 64-gallon cart rental for on-call customers	\$1.66	<u>1.72</u>	per month
Cart replacement fee	At Cost		
Cart delivery fee, initial	\$0.00		
Cart delivery fee, subsequent	\$13.34	<u>13.86</u>	
32-gallon Wheeled-cart rental (if requested)	\$1.63	<u>1.69</u>	per month

Late fee: 1.5 percent of balance outstanding at 30 days

Vacation allowances in conjunction with garbage service vacations only.

Section 7. Savings. Those ordinances or parts of ordinances which are amended or repealed by this ordinance shall remain in full force and effect until the effective date of this ordinance.

Section 8. Severability. If any clause, sentence, paragraph, section, or part of this ordinance or the application thereof to any person or circumstance 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 effect or invalidate the remainder of any parts thereof to any 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 9. Effective date. This ordinance shall become effective as of January 1, 2019, following the date of final adoption.

Read first time:

Ayes: Councilmembers

Nays: Councilmembers

Absent: Councilmembers

Read second time:

PASSED by the following vote:

Ayes: Councilmembers

Nays: Councilmembers

Absent: Councilmembers

SIGNED this _____ day of _____, 2018.

Anne McEnery-Ogle, Mayor

Attest:

ORDINANCE - 13

Natasha Ramras, City Clerk
By: Carrie Lewellen, Deputy City Clerk

Approved as to form:

E. Bronson Potter, City Attorney

SUMMARY

ORDINANCE NO. _____

AN ORDINANCE relating to the collection of solid waste, recyclable materials and yard debris, and amending certain sections of VMC 6.12 to increase rates and charges consistent with approved utility user taxes and rates and in accordance with current contracts for the coming year; 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 360-487-8711, or via www.cityofvancouver.us (Go to City Government and Public Records).

**SUMMARY OF SOLID WASTE COLLECTION RATES
for 1/1/19 as compared to rates in effect since 1/1/18
2.4% Utility Tax Increase**

		Monthly Charge		
Available Service Levels		Jan-18	Jan-19	Change
Residential/Multifamily Curb Service (VMC 6.12.208)				
A	32-gallon cart service			
	weekly collection	\$17.97	\$19.22	7.0%
	each additional	\$17.97	\$19.22	7.0%
	every other week collection	\$13.48	\$14.42	7.0%
	each additional can	\$13.48	\$14.42	7.0%
	once per month collection	\$8.09	\$8.65	6.9%
	64-gallon cart service			
	weekly collection	\$35.94	\$38.44	7.0%
	each additional	\$35.94	\$38.44	7.0%
	every other week collection	\$17.97	\$19.22	7.0%
	96-gallon cart service			
	weekly collection	\$53.91	\$57.66	7.0%
	20-gallon cart service			
	weekly collection	\$13.48	\$14.42	7.0%
	every other week collection	\$10.78	\$11.53	7.0%
Residential Carryout Service				
	32-gallon cart service			
	weekly collection	\$26.96	\$28.83	6.9%
	each additional cart	\$26.96	\$28.83	6.9%
	every other week collection	\$20.22	\$21.63	7.0%
	each additional cart	\$20.22	\$21.63	7.0%
	once per month collection	\$12.14	\$12.98	6.9%
	64-gallon cart service			
	weekly collection	\$44.93	\$48.05	6.9%
	every other week collection	\$38.19	\$40.85	7.0%
	96-gallon cart service			
	weekly collection	\$62.90	\$67.27	6.9%
	20-gallon cart service			
	weekly collection	\$20.22	\$21.63	7.0%
	every other week collection	\$16.17	\$17.30	7.0%
Residential Special/Optional Services				
	Extra Cart (32-gallon equivalent)			
	Curb (per pick-up)	\$7.07	\$7.56	6.9%
	Carryout (per pick-up)	\$10.60	\$11.34	7.0%
	Return Trip fee	\$10.39	\$11.15	7.3%
	Overweight/overfilled can			
	Cart replacement fee			
	Cart Delivery, Initial	\$0.00	\$0.00	
	Cart Delivery, Subsequent	\$13.01	\$13.86	6.5%
Residential Recycling & Yard Debris Collection (VMC 6.12.213)				
B	Single Family EOW Curbside	\$2.90	\$3.01	3.8%
	Multi-Family (per unit/month)	\$1.24	\$1.29	4.0%
C	Yard Debris Collection Service (every other week by subscription)			
	Basic subscription 64-gal.	\$7.15	\$7.43	3.9%
	1st additional 32-gal can	\$0.00	\$0.00	
	Additional 32-gal per pickup	\$3.26	\$3.39	4.0%
	Service restart fee (<1yr)	\$10.00	\$10.39	3.9%
	On-call/No Cart (per pickup)	\$5.46	\$5.67	3.8%
	Optional 64-gal Cart Rental	\$1.66	\$1.72	3.6%
	Cart replacement fee			
	Cart delivery fee, initial	\$0.00	\$0.00	
	Cart delivery, subsequent	\$13.34	\$13.86	3.9%
	32-gallon Wheeled-cart renta	\$1.63	\$1.69	3.7%

Standard Service Level for Residential Customers (A + B)

				Added:
A	32-Gallon Weekly Garbage	\$17.97	\$19.22	7.0%
B	Single Family Weekly Curbside	\$2.90	\$3.01	3.8%
C	Yard Debris Collection (Subscribe)	\$7.15	\$7.43	3.9%
	TOTAL A + B	\$20.87	\$22.23	6.5%
	TOTAL A + B + C (w/ YD)	\$28.02	\$29.66	5.9%

\$X.XX Shaded values indicate adopted changes based on contract.

These changes were heard by Vancouver City Council, SR -18 & Ord M- :

First Reading: 9/24/18

Second Reading/Public Hearing: 10/01/18

The new fees are expected to remain unchanged for at least 12 months (until January 2020).

Questions on the rate changes may be addressed to Tanya Gray (487-7163)

**2.4 % Utility
Tax Increase**

		Monthly Charge		
Available Service Levels		Jan-18	Jan-19	Change
Commercial Curb Service (VMC 6.12.209)				
	32-gallon cart service			
	weekly collection	\$19.98	\$21.37	7.0%
	each additional cart	\$19.98	\$21.37	7.0%
	every other week collection	\$14.99	\$16.03	6.9%
	each additional can	\$14.99	\$16.03	6.9%
	once per month collection	\$8.99	\$9.62	7.0%
	64-gallon cart service			
	weekly collection	\$39.96	\$42.74	7.0%
	every other week collection	\$19.98	\$21.37	7.0%
	96-gallon cart service			
	weekly collection	\$59.94	\$64.11	7.0%
	20-gallon cart collection			
	weekly collection	\$14.99	\$16.03	6.9%
	every other week collection	\$11.99	\$12.82	6.9%
Commercial Carryout Service				
	32-gallon cart service			
	weekly collection	\$29.97	\$32.06	7.0%
	each additional can	\$29.97	\$32.06	7.0%
	every other week collection	\$22.49	\$24.05	6.9%
	each additional can	\$22.49	\$24.05	6.9%
	once per month collection	\$13.49	\$14.43	7.0%
	64-gallon cart service			
	weekly collection	\$49.95	\$53.43	7.0%
	every other week collection	\$29.97	\$32.06	7.0%
	96-gallon cart service			
	weekly collection	\$69.93	\$74.80	7.0%
	20-gallon cart service			
	weekly collection	\$22.49	\$24.05	6.9%
	every other week collection	\$17.99	\$19.23	6.9%
Commercial Special/Optional Services				
	Extra Cart (32-gallon equivalent)			
	Curb (per pick-up)	\$7.84	\$8.38	6.9%
	Carryout (per pick-up)	\$11.81	\$12.63	6.9%
	Return Trip fee	\$10.39	\$11.15	7.3%
	Overweight/overfilled cart			
	Cart replacement fee			
	Cart Delivery, Initial	\$0.00	\$0.00	
	Cart Delivery, Subsequent	\$13.00	\$13.95	7.3%
Container (Commercial) Special Services (VMC 6.12.210)				
	Special Pickup - yard rate X yards + return trip charge			
	One Time Delivery/Pickup/Disposal			
	of 3-yard "Rent-A-Bin"	\$156.32	\$167.18	6.9%
	Additional "Rent-A-Bin"	\$96.87	\$103.60	6.9%
	Return Trip fee	\$15.21	\$16.33	7.4%
	Lock Charge (automatic system)	\$0.00	\$0.00	
	Lock Charge (manual system)	\$2.43	\$2.61	7.4%
	Subsequent Deliveries/Moves			
	Replacements (per trip)	\$27.70	\$29.73	7.3%
	Accessibility Charge	\$3.46	\$3.71	7.2%
	Rollout Charge (per collection)			
	Greater than 15 feet	\$3.46	\$3.71	7.2%
	Greater than 20 feet	\$5.54	\$5.95	7.4%
	Steam Cleaning (requested)	\$41.53	\$44.58	7.3%
	Overfilled/Extra Yardage (portion)	\$15.61	\$16.69	6.9%
Other Garbage Rates (Bulky Items and Hourly - VMC 6.12.212)				
	Stove	\$15.53	\$16.67	7.3%
	Washing Machine	\$16.99	\$18.24	7.4%
	Dryer	\$14.07	\$15.10	7.3%
	Water Heater	\$17.27	\$18.54	7.4%
	Refrigerator, Freezer	\$28.09	\$30.15	7.3%
	Sofa	\$14.07	\$15.10	7.3%
	Chair	\$11.23	\$12.05	7.3%
	Mattress or Box Springs	\$12.71	\$13.64	7.3%
	Tires			
	auto light pickup	\$6.69	\$7.18	7.3%
	with rim	\$10.35	\$11.11	7.3%
	bus/heavy truck	\$20.98	\$22.52	7.3%
	with rim	\$34.61	\$37.15	7.3%
	Other Bulky Items	\$14.79	\$15.88	7.4%
	Hourly Equipment Rental			
	Sideloaded compactor	\$94.10	\$101.01	7.3%
	Rolloff truck	\$96.91	\$104.03	7.3%
	Extra labor	\$42.91	\$46.06	7.3%
	Overtime rate			
	Extra labor rate X 1.5			

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Available Service Levels	Monthly Charge		
	Jan-18	Jan-19	Change

Commercial Container Service (Non Compacted - VMC 6.12.210)

One Yard Container (includes disposal w/in weight limits)			
once per week collection	\$122.71	\$131.24	7.0%
twice per week collection	\$245.42	\$262.48	7.0%
three collections/week	\$368.13	\$393.72	7.0%
four collections/week	\$490.84	\$524.96	7.0%
five collections/week	\$613.55	\$656.20	7.0%
six collections/week	\$736.26	\$787.44	7.0%
1.5 Yard Container (includes disposal w/in weight limits)			
once per week collection	\$153.39	\$164.05	7.0%
twice per week collection	\$306.78	\$328.10	7.0%
three collections/week	\$460.16	\$492.15	7.0%
four collections/week	\$613.55	\$656.20	7.0%
five collections/week	\$766.94	\$820.25	7.0%
six collections/week	\$920.33	\$984.30	7.0%
Two Yard Container (includes disposal w/in weight limits)			
once per week collection	\$184.07	\$196.86	7.0%
twice per week collection	\$368.13	\$393.72	7.0%
three collections/week	\$552.20	\$590.58	7.0%
four collections/week	\$736.26	\$787.44	7.0%
five collections/week	\$920.33	\$984.30	7.0%
six collections/week	\$1,104.39	\$1,181.16	7.0%
Three Yard Container (includes disposal w/in weight limits)			
once per week collection	\$245.42	\$262.48	7.0%
twice per week collection	\$490.84	\$524.96	7.0%
three collections/week	\$736.26	\$787.44	7.0%
four collections/week	\$981.68	\$1,049.92	7.0%
five collections/week	\$1,227.10	\$1,312.40	7.0%
six collections/week	\$1,472.52	\$1,574.88	7.0%
Four Yard Container (includes disposal w/in weight limits)			
once per week collection	\$306.78	\$328.10	7.0%
twice per week collection	\$613.55	\$656.20	7.0%
three collections/week	\$920.33	\$984.30	7.0%
four collections/week	\$1,227.10	\$1,312.40	7.0%
five collections/week	\$1,533.88	\$1,640.50	7.0%
six collections/week	\$1,840.65	\$1,968.60	7.0%
Five Yard Container (includes disposal w/in weight limits)			
once per week collection	\$368.13	\$393.72	7.0%
twice per week collection	\$736.26	\$787.44	7.0%
three collections/week	\$1,104.39	\$1,181.16	7.0%
four collections/week	\$1,472.52	\$1,574.88	7.0%
five collections/week	\$1,840.65	\$1,968.60	7.0%
six collections/week	\$2,208.78	\$2,362.32	7.0%
Six Yard Container (includes disposal w/in weight limits)			
once per week collection	\$429.49	\$459.34	7.0%
twice per week collection	\$858.97	\$918.68	7.0%
three collections/week	\$1,288.46	\$1,378.02	7.0%
four collections/week	\$1,717.94	\$1,837.36	7.0%
five collections/week	\$2,147.43	\$2,296.70	7.0%
six collections/week	\$2,576.91	\$2,756.04	7.0%
Eight Yard Container (includes disposal w/in weight limits)			
once per week collection	\$552.20	\$590.58	7.0%
twice per week collection	\$1,104.39	\$1,181.16	7.0%
three collections/week	\$1,656.59	\$1,771.74	7.0%
four collections/week	\$2,208.78	\$2,362.32	7.0%
five collections/week	\$2,760.98	\$2,952.90	7.0%
six collections/week	\$3,313.17	\$3,543.48	7.0%

Drop Box and Compactor Services (VMC 6.12.211)

Regular Service (pass through amount of tipping fee and transaction fee taxes)

Initial Placement (per trip)	\$34.58	\$37.01	7.0%
Moving Fee (per trip)	\$34.58	\$37.01	7.0%
Steam Clean (per yard)	\$3.73	\$3.99	7.0%
Minimum (Plus P/R)	\$36.20	\$38.75	7.0%
Box placement/move onsite	\$34.58	\$37.01	7.0%
Daily Demurrage	\$3.23	\$3.46	7.1%
Monthly Demurrage (Max.)	\$97.39	\$104.26	7.1%
Special/Modified Box Rent (lid, scrn, winch/day)	\$4.64	\$4.97	7.1%
monthly maximum	\$139.72	\$149.57	7.0%
Waiting Time (per minute)	\$1.64	\$1.76	7.3%
Mileage Charge (over 10/mi)	\$3.00	\$3.21	7.0%
Locking System (materials plus labor @: per hr)	\$34.58	\$37.01	7.0%
"Check Only" (per check)	\$10.37	\$11.10	7.0%
Return Trip Charge	\$27.70	\$29.66	7.1%

Tipping Fee at Columbia Resources Transfer Stations			
Municipal Solid Waste (\$/ ton)	\$93.22	\$95.71	2.7%
Drop Box Waste (\$/ ton)	\$82.78	\$84.98	2.7%
Plus - Transaction Fee (per load)	\$10.00	\$10.00	0.0%

Tipping Fees are set by Clark County.

Available Service Levels	Monthly Charge		
	Jan-18	Jan-19	Change

Commercial Compactor Container Service (VMC 6.12.210)

One Yard Container (includes disposal)			
once per week collection	\$275.43	\$294.57	6.9%
twice per week collection	\$550.86	\$589.14	6.9%
three collections/week	\$826.29	\$883.71	6.9%
four collections/week	\$1,101.72	\$1,178.28	6.9%
five collections/week	\$1,377.15	\$1,472.85	6.9%
six collections/week	\$1,652.58	\$1,767.42	6.9%
1.5 Yard Container (includes disposal)			
once per week collection	\$344.29	\$368.21	6.9%
twice per week collection	\$688.58	\$736.43	6.9%
three collections/week	\$1,032.86	\$1,104.64	6.9%
four collections/week	\$1,377.15	\$1,472.85	6.9%
five collections/week	\$1,721.44	\$1,841.06	6.9%
six collections/week	\$2,065.73	\$2,209.28	6.9%
Two Yard Container (includes disposal)			
once per week collection	\$413.15	\$441.86	6.9%
twice per week collection	\$826.29	\$883.71	6.9%
three collections/week	\$1,239.44	\$1,325.57	6.9%
four collections/week	\$1,652.58	\$1,767.42	6.9%
five collections/week	\$2,065.73	\$2,209.28	6.9%
six collections/week	\$2,478.87	\$2,651.13	6.9%
Three Yard Container (includes disposal)			
once per week collection	\$550.86	\$589.14	6.9%
twice per week collection	\$1,101.72	\$1,178.28	6.9%
three collections/week	\$1,652.58	\$1,767.42	6.9%
four collections/week	\$2,203.44	\$2,356.56	6.9%
five collections/week	\$2,754.30	\$2,945.70	6.9%
six collections/week	\$3,305.16	\$3,534.84	6.9%
Four Yard Container (includes disposal)			
once per week collection	\$688.58	\$736.43	6.9%
twice per week collection	\$1,377.15	\$1,472.85	6.9%
three collections/week	\$2,065.73	\$2,209.28	6.9%
four collections/week	\$2,754.30	\$2,945.70	6.9%
five collections/week	\$3,442.88	\$3,682.13	6.9%
six collections/week	\$4,131.45	\$4,418.55	6.9%
Five Yard Container (includes disposal)			
once per week collection	\$826.29	\$883.71	6.9%
twice per week collection	\$1,652.58	\$1,767.42	6.9%
three collections/week	\$2,478.87	\$2,651.13	6.9%
four collections/week	\$3,305.16	\$3,534.84	6.9%
five collections/week	\$4,131.45	\$4,418.55	6.9%
six collections/week	\$4,957.74	\$5,302.26	6.9%
Six Yard Container (includes disposal)			
once per week collection	\$964.01	\$1,031.00	6.9%
twice per week collection	\$1,928.01	\$2,061.99	6.9%
three collections/week	\$2,892.02	\$3,092.99	6.9%
four collections/week	\$3,856.02	\$4,123.98	6.9%
five collections/week	\$4,820.03	\$5,154.98	6.9%
six collections/week	\$5,784.03	\$6,185.97	6.9%
Eight Yard Container (includes disposal)			
once per week collection	\$1,239.44	\$1,325.57	6.9%
twice per week collection	\$2,478.87	\$2,651.13	6.9%
three collections/week	\$3,718.31	\$3,976.70	6.9%
four collections/week	\$4,957.74	\$5,302.26	6.9%
five collections/week	\$6,197.18	\$6,627.83	6.9%
six collections/week	\$7,436.61	\$7,953.39	6.9%

Drop Box Trucking Fee (empty & return - roundtrip - VMC 6.12.211)

10-yard			
Drop Box	\$135.65	\$145.61	7.3%
Compactor	\$150.72	\$161.79	7.3%
20-yard			
Drop Box	\$135.65	\$145.61	7.3%
Compactor	\$150.72	\$161.79	7.3%
30-yard			
Drop Box	\$135.65	\$145.61	7.3%
Compactor	\$150.72	\$161.79	7.3%
40-yard			
Drop Box	\$135.65	\$145.61	7.3%
Compactor	\$150.72	\$161.79	7.3%

Disposal Fees: (pass through of tipping fee, transaction fee & taxes)

See box at left

Yard Debris Fees: (pass through at current material processing rate)

Other Divertable Materials accepted at local transfer stations:
(pass through at current disposal fee or processing rate)

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