



2019-2024 Transportation Improvement Program

June 2018



Vancouver Public Works

PO Box 1995

Vancouver, WA 98668-1995

www.cityofvancouver.us/StreetsTIP

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6/18/18

RESOLUTION NO. M-3969

A RESOLUTION adopting the City of Vancouver's Comprehensive Six-Year Transportation Improvement Program for 2019-2024 and revising the City's Arterial Street System and Classification Map.

WHEREAS, pursuant to RCW 35.77.010, the Vancouver Department of Public Works has prepared the Comprehensive Six-Year Transportation Improvement Program for 2019-2024 ("2019-2024 TIP"); and

WHEREAS, the purpose of the 2019-2024 TIP is to ensure that the City will have available advance plans as a guide in carrying out a coordinated street construction program; and

WHEREAS, the City's Arterial Street System and Classification Map ("Arterial Classification Map") is maintained within the 2019-2024 TIP; and

WHEREAS, City Council originally adopted the Arterial Classification Map by Resolution M-781 on November 28, 1961, and annually reviews proposals and makes classification designation changes on the map where the use of a roadway is inconsistent with its current arterial designation; and

WHEREAS, notice of the time and place for a hearing on the 2019-2024 TIP was published in accordance with law; and

WHEREAS, the City Council conducted a public hearing on June 18, 2018 at 7:00 p.m., where it considered the 2019-2024 TIP and determined to adopt it.

NOW, THEREFORE,

RESOLUTION – I

BE IT RESOLVED BY THE CITY OF VANCOUVER:

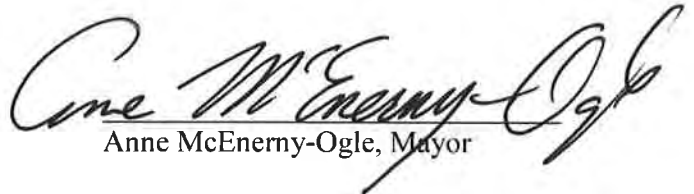
Section 1. Legislative Findings. The recitals set forth above are adopted as the legislative findings of Vancouver's City Council in support of adoption of this resolution.

Section 2. City Council hereby adopts the 2019 – 2024 Comprehensive Six-Year Transportation Improvement Program, which is attached as Exhibit "A" and incorporated by this reference as if fully set forth herein.


Section 3. City Council hereby adopts the Revised Arterial Street System and Classification Map, which is contained in the 2019-2024 Comprehensive Six-Year Transportation Improvement Program.

Section 4. The City Manager or his designee is hereby directed to file the 2019 - 2024 Comprehensive Six-Year Transportation Improvement Program and the Revised Arterial Street System and Classification Map with the Washington State Department of Transportation within 30 days of the date of this resolution.


ADOPTED at regular session of the Council of the City of Vancouver on June 18, 2018.


Anne McEnerny-Ogle, Mayor

Attest:


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

Approved as to form:


E. Bronson Potter, City Attorney

RESOLUTION – 2

TRANSPORTATION IMPROVEMENT PROGRAM OVERVIEW

The City of Vancouver 2019 – 2024 Transportation Improvement Program (TIP) is an update of the City's 2018 - 2023 TIP. The TIP is a technical document for transportation improvements over a six-year period. For more information about the City of Vancouver street system, how it is funded, and how money is spent go to:

www.cityofvancouver.us/betterstreets

The State of Washington law (RCW 35.77.010) requires the City to prepare a TIP annually that is consistent with and implements the city's adopted comprehensive growth management plan. The TIP identifies capital transportation system improvement projects and includes a policy to work with affected property owners to preserve railroad right-of-way in the event a railroad ceases to operate.

A City of Vancouver Arterial Street System and Classification Map which designates roadways functionally classified as Arterials pursuant to VMC 11.80.040 and VMC 9.02.040 is adopted and attached hereto.

For information about the City's Comprehensive Plan, contact Vancouver Planning at 360-487-7950. For questions or more information about specific transportation projects, please contact Vancouver Public Works at 360-487-7130, or visit the City's website:

www.cityofvancouver.us



2019-2024 Transportation Improvement Program (TIP)

Letter from the Public Works Director

The City of Vancouver continues to accelerate efforts to improve our community's street system for all users, with the support of the long-term Street Funding Strategy, adopted by City Council in late 2015 and soon to be entering full funding levels.

In implementing the Street Funding Strategy, we are steadfast in our commitment to these Council-approved, guiding principles and policies:

- Any new revenue sources shall supplement, not supplant, existing revenues for streets.
- Priority will be given to activities that seek to take care of what we have.
- Revenues will be used to "pay as you go" versus debt financing.
- Resources currently being used to repay debt for streets will continue to be used for streets when the debt is repaid.

In late 2017, Vancouver's Transportation Benefit District Board approved an increase from \$20 to \$40 in the vehicle license renewal fee. That increase takes effect July 1, 2018, and was a recommendation of the Streets Commission, a citizen group representing a variety of stakeholders and informed by an extensive public engagement process. Other resource components of the Street Funding Strategy include:

- Increase of 1.5 percent utility tax on city-owned utilities,
- Increase in business license surcharge fee,
- Vancouver portion of additional gas tax raised by the state Legislature in 2015,
- Commitment to continue to allocate funds previously used for street project debt back to street improvement on "pay-as-you-go basis" once debt is fully repaid, and
- Endorsement and adoption of financial policies consistent with recommendations.

This stable, long-term funding, which supplements previously existing street revenues, allows the city to more actively anticipate and plan its investments in transportation system improvements that support a healthy, livable and thriving community.

As a result, the city is delivering targeted outcomes in the following key areas: pavement management; median/rights-of-way maintenance; neighborhood traffic calming; mobility, accessibility and safety; asset replacement; and improved sidewalk management. These areas were identified as important to the community by the Street Funding Commission. (See *2017 Street Funding Strategy Report* at www.cityofvancouver.us/tbd.)

Among the major initiatives underway is the pavement rehabilitation of neighborhood streets that had fallen into poor or failed condition. This effort began in 2017 and is continuing each year within the Pavement Management Program as part of the city's goal to improve overall pavement conditions throughout the city. In 2019, we will further expand the program by beginning reconstruction of failed streets that have been identified as requiring significantly more work to restore than rehabilitation can provide.

Street Funding Strategy resources also provide the local dollar leverage or match the city needs to seek grants, expanding our ability to improve transportation corridors. In 2017, the city received federal grants of \$1.8 million toward construction of the coming Southeast 1st Street Improvement Project and \$150,000 for design of the Franklin Elementary area sidewalk improvement project.

In May 2018, the city completed a major urban upgrade of Northeast 18th Street, from Four Seasons to Northeast 136th Avenue, to improve vehicle and multi-modal usage along this heavily traveled corridor, following the new Washington State Department of Transportation interchange at NE 18th Street and Interstate 205. This project presented both opportunities and unique challenges, including multiple ownership interests in needed right of way. The city is continuing to evaluate traffic impacts on streets within the nearby neighborhoods.

Going forward, the City of Vancouver's 2019-2024 Six-Year Transportation Improvement Program (TIP) takes into account all new revenues from the Street Funding Strategy and expands on programs and projects begun with this renewed strategic investment in our community's transportation infrastructure. Vancouver's TIP continues to exceed the state statutory requirements by providing a comprehensive look at communitywide projects and programs, reflecting our commitment to transparency in projects and funding.

Significantly, in 2018 the city will embark upon an update to the Transportation System Plan (TSP), as noted in the 2019-2024 TIP. The last plan update occurred in 2004, and the City of Vancouver has changed greatly since that time. The TSP, which guides all aspects of our transportation system moving into the future, will include an in-depth review of multiple sub plans, such as bicycle, pedestrian, arterial streets, neighborhood streets, freight, signals, and transit. Complete Streets philosophies and an upcoming citywide collision study will help guide the plan.

Our future, in part, depends upon our ability to invest in public infrastructure in a way that both preserves our community's neighborhoods and supports its economic well-being. Through responsible funding and systematic planning, design, construction, maintenance, operations, and improvements, the City of Vancouver is committed to efficient and cost-effective management of its public assets to provide the highest, most sustainable service possible for all users. Highlights for the 2019-2024 TIP are shown on the next page.

Brian K. Carlson, P.E.

Director of Vancouver Public Works

Ryan Lopossa, P.E.

Streets and Transportation Manager

June 01, 2018

2019-2024 Transportation Improvement Program Highlights:

Transportation System Plan (TSP) Update: Work will begin in 2018 on the plan, which helps guide all aspects of the transportation system. The update will include an in-depth review of multiple sub plans, such as bicycle, pedestrian, arterial streets, neighborhood streets, freight, signals, and transit plans. Complete Streets policies and an upcoming citywide collision study will be reflected in the plan and help guide identified future transportation needs.

Neighborhood Traffic Calming Program: Funded at \$270,000 annually, this program works with the Neighborhood Traffic Safety Alliance (NTSA) to enhance neighborhood livability.

Multimodal Safety and Accessibility Program: The city's focus for 2017 was on ADA ramps. For 2018, the focus is on sidewalk infill projects. In 2019, the focus will be on bicycle improvements. This 3-part cycle will start over again in 2020.

Grant Efforts: In 2018, the city expects to submit grant applications for several projects, including large arterials, complete streets, multimodal, and intersection improvement projects.

Street Lights: Work will begin in 2018 on upgrading 13,000 of the estimated 18,000 city street lights to Light Emitting Diode (LED) bulbs. The project is funded by a nearly \$5 million low-interest loan from the state Public Works Trust Fund, to be repaid with energy cost savings.

Other Major Projects: The 2019-2024 TIP identifies funding for many projects, which require several years for planning, design, right-of-way, and construction phases. These include:

- Southeast 1st Street, from Southeast 164th Avenue to Southeast 177th Avenue: This segment is currently anticipated to begin construction in 2020. Staff is also working with private developers on plans to complete the eastern section of the corridor from 177th Avenue to 192nd Avenue.

- Northeast 137th Ave, from Northeast 49th Street to Northeast Fourth Plain Boulevard: Federal environmental approval was received in 2018. Right-of-way acquisition is beginning. The city will be applying this year for a federal grant for the construction phase, utilizing Street Funding Strategy revenues as local contribution.

- Jefferson/Kauffman Connection from West Evergreen Boulevard to West Mill Plain Boulevard: A preliminary conceptual plan has been established and design/right-of-way work is beginning. This work continues in 2018.

- Northeast 18th Street, from Northeast 97th Avenue to Northeast 107th Avenue, will begin design and right-of-way acquisition in 2018 for the westerly connection to the new WSDOT I-205/18th Street interchange.

- Planning will begin in 2018 on extension of Northwest 32nd Avenue and Fruit Valley Road from Lower River Road (SR 501) to Northwest 78th Street in unincorporated Clark County. This project includes replacement of the city's Fruit Valley Road Bridge over the BNSF Mainline Railroad and will require significant partnerships and grant funding to move forward. Originally initiated in 2006 in cooperation with the Port of Vancouver, the project was renewed with the 2016 Council-adopted Westside Mobility Strategy, which seeks to balance freight mobility and livability.

TRANSPORTATION RELATED POLICIES

(Vancouver Comprehensive Plan 2011)

1. **TRANSPORTATION SYSTEM:** Develop and maintain an interconnected and overlapping transportation system grid of pedestrian walkways, bicycle facilities, roadways for automobiles and freight, transit service, and high capacity transit service. Include support programs such as traffic operations, transportation demand management, neighborhood traffic management, and the regional trails program. Work towards completing and sustaining individual components and programs to ensure success of the entire system.
2. **SYSTEM BALANCE:** Allocate resources to balance transportation choices. Promote development of a broader range of transportation options including pedestrian, bike, and transit systems, rather than focusing all resources on satisfying peak commuting demand with roadway capacity alone.
3. **TRANSPORTATION SAFETY:** Ensure high safety standards for motorists, pedestrians, and bicyclists through the development and capital improvement processes. Allocate city capital resources to high risk and collision location for motorists, bicyclists, and pedestrians.
4. **TRANSPORTATION FINANCE:** Develop recurring and dedicated funding for a complete transportation program, including system operation and maintenance. Leverage local funding with innovative and aggressive finance strategies including partnerships, grant development, efficient debt, and fee-based funding sources.
5. **TRANSPORTATION CIRCULATION AND SYSTEM CONNECTIVITY:** Develop a transportation grid that provides good connections to surrounding land uses and activity centers and allows for multiple circulation routes to/from each location. Close gaps and complete system connections through the development and capital improvement processes.
6. **LAND USE AND TRANSPORTATION INTEGRATION:** Develop and implement innovative transportation investment, design, and program incentives to achieve the urban environment envisioned in the Comprehensive Plan.
7. **LIVABLE STREETS:** Design streets and sidewalks and manage vehicular traffic to encourage livability, interaction, and sense of neighborhood or district ownership in linkage with adjacent land uses. Encourage multi-modal travel, and provide accessible, human scale opportunities for transferring between travel modes.
8. **TRANSPORTATION ACCESSIBILITY:** Build an accessible transportation system focused on inter-modal connectivity and removing barriers to personal physical mobility.
9. **TRANSPORTATION SYSTEM EFFICIENCY:** Invest in and improve efficiency of the transportation system with multi-modal design, advanced traffic management and operations technology, demand management strategies and high-frequency transit service.
10. **NEIGHBORHOOD TRAFFIC:** Protect and enhance neighborhoods with an active program that focuses on safety, safe routes to school, traffic calming, education, and enforcement.
11. **TRANSPORTATION REGIONAL AND METROPOLITAN COORDINATION:** Coordinate Vancouver's transportation plans, policies, and programs with those of other jurisdictions serving the greater Metropolitan area to ensure a seamless transportation system. Focus particularly on cooperation with the Southwest Washington Regional Transportation Council, Washington State Department of Transportation, Clark County and C-TRAN.
12. **ECONOMIC DEVELOPMENT:** In order to support the continued economic vitality of Vancouver, major transportation system investments should facilitate freight mobility, job creation, regional competitive position, and revenue growth.
13. **VEHICLE MILES TRAVELED:** Use transportation and land use measures to maintain or reduce single occupant motor vehicle miles traveled per capita to increase system efficiency and lower overall environmental impacts.
14. **STREET DESIGN:** Design city streets to achieve safety and accessibility for all modes. Arterial streets shall provide facilities for automobile, bike, pedestrian and transit mobility, and shall include landscaping and adequate lighting.
15. **PARKING STANDARDS:** Adopt coordinated parking standards which maintain neighborhood integrity, promote the use of a multi-modal transportation system, encourage desired economic development and growth throughout the entire urban area, and which economize the use of urban land by reducing the need for any excess provision of surface parking.

CAPITAL PLANNING AND ASSET MANAGEMENT FINANCIAL POLICIES (Adopted 05/07/2012 Revised 11/07/2016)

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.
34. In 2015, Council adopted a **New Street Funding Program** in response to formal recommendations from a citizen-led effort. Revenues from this program were established to supplement and not supplant street funding resources identified in the 2015-2016 Adopted Biennial Budget. A formal process will be established requiring review of any future proposals to redirect revenues in the new Street Funding Program for purposes other than streets funding.
35. The City will maintain funding of the **Pavement Management Program** at no less than that in the 2015-2016 Biennial Adopted Budget level increased by an appropriate inflationary factor, if necessary. To ensure accountability and transparency, the increase in program level funded by the new street funding program revenue sources will be fully costed, budgeted for and spent from special funds created to track direct operation, capital and administrative expenses. Annual reporting of the outcomes will be published for the residents and City Council prior to the end of the first quarter of each year for the prior year beginning for fiscal year 2016.
36. The City will redirect the new street funding program expiring debt service budget from pre-2015 debt issues for Transportation projects, beginning with debt expiring in 2016.
37. **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.
38. **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.
39. The City's objective is to incorporate a "**Pay-As-You-Go**" approach (using available cash and current resources) in the Capital Improvement program. Proceeds from the sale of City capital assets no longer utilized in operations will be deposited consistent with the initial ownership of the asset and invested in the highest priority capital projects.
40. 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.
41. 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.
42. 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.

DEBT MANAGEMENT POLICIES (Adopted 05/07/2012 Revised 11/07/2016)

48. The City will attempt to pay for capital projects on a "pay-as-you-go" basis. However, if debt is required, the City will follow debt policies as detailed in Exhibit B-Debt Management Policy.

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

31. 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.

City of Vancouver Title VI Plan

The City Manager is responsible for ensuring implementation of the City of Vancouver's Title VI Plan. The Public Works Director, on behalf of the City Manager, is responsible for the overall management of the Title VI Plan as outlined herein. The Public Works Director does not hereby assume responsibility for Title VI compliance outside the scope of this report. The day to day administration of the Title VI Plan lies with the Title VI Coordinator under the direct supervision of the Public Works Director.

In addition to the Title VI Coordinator, Title VI Specialists will be named in the following program areas:

- Transportation Design and Engineering
- Transportation Right of Way
- Transportation Environmental Services
- Transportation Administration, Public Information and Outreach
- Human Resources
- Procurement


Policy Statement, Authorities and Citations

A. Policy of Nondiscrimination

The City of Vancouver (City) assures that no person shall on the grounds of race, color, national origin, or sex as provided by Title VI of the Civil Rights Act of 1964, and the Civil Rights Restoration Act of 1987 (P.L. 100.259) be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any City sponsored transportation program or activity. The City further assures every effort will be made to ensure nondiscrimination in all of its federally funded transportation programs and activities.

In the event that the City distributes federal transportation funds to another entity, it will include Title VI language in all written agreements and will monitor for compliance.

Title VI compliance is a condition of receipt for federal funds, including funds from the Federal Highway Administration. Assurance of compliance falls under the proper authority of the City pursuant to its budgetary authority and responsibility. The Public Works Director and Transportation Title VI Coordinator are authorized to ensure compliance with provisions of this policy and with the law, including the requirements of 23 Code of Federal Regulation (CFR) 200 and 49 CFR 21.


Eric Holmes, City Manager

16-23-17

Date



Funding Overview

Beginning in 1995, the City of Vancouver began a street funding strategy for local revenue to use for transportation capital improvements. This strategy involved identifying a revenue source and then committing that revenue source for debt service on bonds. Proceeds from the bond sale were then leveraged with grant revenues to the maximum extent possible for transportation improvements. Coupled with impact fees and developer contributions, this strategy netted hundreds of millions worth of capital improvements but resulted in a cyclical search for new revenues to address the continued need for capital improvements. Over the past several years, City Council searched for a reasonable mix of new revenue sources that could be used on a “pay-as-you-go” basis to fund capital improvements as well as halt the gradual decline in our system pavement condition index. Early in 2015, City Council established a goal to complete, by year-end “an adopted street funding program that provides reliable, dedicated, long-term funding for streets, including pedestrian, bike and accessible infrastructure.” In late 2015, City Council enacted a number of revenue sources for streets including:

- Creation of a Transportation Benefit District and with the District enacting a new revenue source; a \$20 Vehicle License Fee (planned to be raised to \$40 in 2018).
- Increased the existing Business License Surcharge by \$10/employee in 2016 and an additional \$10/per employee starting on January 1, 2018.
- Increased the Utility Tax on City Owned utilities dedicating the additional revenue for streets.
- Dedicated that revenue sources used to pay debt service on bonds (as described above) would continue to be dedicated for street purposes on a pay-as-you-go basis as debt is retired.
- Dedicated that revenue from the increased gas tax resulting from the 2015 state gas tax increase would be used for median maintenance and street sweeping to accomplish service level increases for esthetic purposes.

On December 18, 2017 the Transportation Benefit District increased the vehicle license fee from \$20 to \$40 as allowed by State law and continuing the long term funding plan for streets as recommended by the Street Funding Commission in September, 2015.

City staff focuses on certain guiding principles and strategic outcomes that City Council and the Transportation Benefit District (TBD) asked for when they enacted the new revenue sources. The guiding principles and the strategic outcomes are listed below:

Street Funding Strategy Guiding Principles:

- New street funding revenues are to supplement, not supplant, existing revenues
- “Take care of what we have”
- Pay-as-we-go goal of financing infrastructure projects is preferred
- As street bond debt service is repaid, use funds previously needed for debt payments for streets
- Continued public transparency and accountability

Street Funding Strategy Outcomes:

- Restore historically maintained City right-of-way and medians to pre-recessionary 2009-2010 service levels, and increase arterial sweeping frequency
- Over a 20-year period, improve overall pavement conditions from Fair to Good throughout the City
- Develop replacement program for street assets such as street lights, traffic signals and City-owned bridges
- Expand mobility, safety and accessibility programs, including the Neighborhood Traffic Calming Program
- Complete one arterial street improvement project approximately every 2-3 years, leveraging local funding with state and federal grants to greatest extent possible

The 2017 annual street funding strategy report to the community and more information about the TBD can be found here:

<http://www.cityofvancouver.us/tbdb/page/vancouver-transportation-benefit-district>

Local Funding

Public Sources:

(New) Vehicle License Fee: Fee established by the Vancouver Transportation Benefit District collected by the Washington State Department of Licensing. Fee paid at time of vehicle license renewal.

Motor Vehicle Fuel Tax aka State Gas Tax: About \$3.4 million per year.

(New) Motor Vehicle Fuel Tax (2015): Additional fuel tax to Vancouver resulting from the gas tax increase passed by the State Legislature in July 2015

REET: Real estate excise tax, varies per year, depending on real estate transactions.

Bonds (debt): Periodically the City sells bonds for transportation construction projects. Revenues to pay those debts come from several sources including gas tax, general fund, REET, and business license surcharge.

Business License Surcharge: Surcharge paid at the time of initial or renewal of business licenses. First \$50/employee generates around \$2.0 million annually to pay bond debt. The next \$10 (\$20 in 2018) will be used for street improvements on a pay as you go basis.

(New) Utility Tax: Tax on gross receipts for city-owned utilities including water, sewer, drainage and garbage. Tax raised 1.5% and all revenue resulting from rate increases to pay the tax are dedicated for operating and capital street funding purposes.

Private Sources:

Direct Construction: Private developers are required to build or improve on-site roadways and may also be required to make off-site improvements to comply with concurrency or SEPA impacts.

Traffic Impact Fees (TIF): The City maintains a TIF program (fees paid by a developer per new trip) which historically covers about 10% of the annual construction program.

Proportionate Share Contributions: Developer contributions toward an improvement project to meet concurrency or safety requirements.

Grant Programs

Federal Grant Programs:

STBG: Surface Transportation Block Grant funds are allocated by the SW Washington Regional Transportation Council and then, through a competitive grant process, to jurisdictions in the region.

TAP: Transportation Alternatives Program—provides funding for alternative modes of transportation projects (i.e. modes other than vehicles).

CMAQ: Congestion Mitigation and Air Quality Program funds are administered like STBG funds.

CDBG: Community Development Block Grant—periodically available for public street infrastructure (typically used for small sidewalk and ADA ramp improvements).

State Grant Programs:

Transportation Improvement Board (TIB): Funded with a small portion of the state gas tax, TIB is the main source for state grant funds to state agencies. Vancouver competes with other urban jurisdictions in Washington State for funds from several TIB grant programs. For example: urban arterial; urban sidewalk; and complete street programs.

Pedestrian and Bicycle & Safe Routes to School Grant Program. These programs provide resources to make strategic investments that support pedestrian and bicycle improvements and improve walking/bicycle routes to schools.

Washington Traffic Safety Commission Grant Program. Grants awarded on an annual cycle, focusing on projects that address one or more of the top Target Zero priorities including impaired driving, speeding, young drivers, seat belts and occupant protection, distracted driving and traffic records.

The table and graphs on the next few pages show the historical and forecasted revenues and expenses for streets in the City of Vancouver.

Transportation Financial Data (including SFS funds*)

	2012	2013	2014	2015	2016	2017
STREET MAINTENANCE						
Expenses						
Street Maintenance						
Pavement Management	5,631,248	5,942,740	7,120,088	8,350,840	6,674,672	10,422,494
Signs and Striping	1,219,456	1,257,580	1,211,337	1,437,178	1,085,164	1,253,462
Signals	917,800	1,145,852	1,239,687	1,433,429	1,453,476	1,673,480
Street Lights	1,695,242	1,775,652	1,811,064	1,755,073	1,824,082	1,777,258
Street Maintenance	714,832	559,316	699,225	1,569,052	1,893,058	2,300,036
Administration	2,419,916	2,693,072	2,774,369	2,402,651	3,133,094	3,661,398
Traffic Engineering	488,101	522,239	609,148	1,327,937	820,960	1,031,519
Additional Right-of-Way maintenance					714,407	555,426
Sidewalk Maintenance						51,068
Subtotal Street Maintenance Expenses	13,086,595	13,896,451	15,464,918	18,276,160	17,598,913	22,726,141
Transportation Debt Service paid by Fund 102	639,102	634,303	632,219	636,378	638,981	651,144
Transfers to Transportation Capital	2,449,167	2,507	301,361	1,039,349	369,532	344,274
Total Street Maintenance Expenses	16,174,864	14,533,261	16,398,498	19,951,887	18,607,426	23,721,559
Revenues						
Street Maintenance						
Property Taxes		103,416	-	-	-	451,919
REET 2	1,315,273	2,173,822	2,418,940	3,246,532	3,577,691	3,762,613
Motor Vehicle Fuel Tax	3,316,804	3,396,802	3,405,241	3,506,747	3,556,557	3,675,935
General Fund	9,364,098	9,822,342	9,845,456	11,763,428	11,763,428	10,988,176
SFS Revenues for O&M *					1,750,000	1,805,718
Miscellaneous	1,003,096	681,715	1,027,435	1,467,393	1,467,032	1,491,578
Total Street Maintenance Revenues	14,999,271	16,178,097	16,697,072	19,984,100	22,114,708	22,175,939

TRANSPORTATION DEBT						
Expenses						
Yearly Debt Service	5,142,388	5,144,299	5,154,058	5,166,410	4,634,217	4,582,824
Revenues						
Debt Service Revenues						
General Fund	2,053,276	2,062,167	2,076,537	2,085,119	1,554,012	1,487,122
Employee Surcharge	1,945,481	1,944,661	1,940,679	1,943,271	1,938,739	1,944,407
Motor Vehicle Fuel Tax	639,102	634,303	632,219	636,378	638,981	651,144
REET	504,530	503,168	504,624	501,642	502,485	500,151
Total Debt Service Revenues	5,142,388	5,144,299	5,154,059	5,166,410	4,634,217	4,582,824

TRANSPORTATION ENGINEERING						
Expenses						
Transportation Engineering						
Administration	53,371	38,932	46,722	13,289	12,756	51,050
Street Design	417,185	365,461	333,772	424,785	561,563	492,702
Transportation Planning	15,327	26,845	41,419	59,121	67,746	25,752
Development Review	202,836	214,380	208,425	269,060	286,298	251,821
Totals Transportation Engineering	688,719	645,618	630,338	766,255	928,363	821,325
Revenues						
Transportation Engineering						
General Fund	688,719	645,618	630,338	766,255	928,363	821,325

TRANSPORTATION CAPITAL						
Expenses						
Transportation Capital Expenses						
Capital Expenses	16,259,786	18,276,550	6,568,516	11,746,438	4,918,878	17,019,355
Revenues						
Transportation Capital Revenues						
REET	78,916	130,429	145,136	130,000	147,395	150,490
Grants	4,451,602	5,559,068	5,408,605	6,441,881	1,567,536	12,612,119
Developer Participation	24,302	-	736,692	76,212	63,504	27,544
Intergovernmental Loan Proceeds	6,000	1,496,000				
General Fund	67,963	265,934	526,037	222,737	21,867	220,862
Street Maintenance Fund	2,449,167	22,730	421,361	1,039,349	369,532	344,274
Transportation Special Revenue Fund	126,639	74,251	67,256	23,584	72,444	337,237
TIF Funds	1,532,710	1,736,997	1,738,219	1,476,234	2,082,380	678,257
Bond Capital Fund	6,749,195	7,052,756	498,961	134,284	313,075	715,757
SFS Revenues for Capital *					-	821,308
Miscellaneous Revenue	380,502	815,752	444,287	964,301	520,549	240,146
Total Capital Revenues	15,866,996	17,153,917	9,986,554	10,508,582	5,158,282	16,147,994

* See SFS tabular sheet for further breakdown of SFS expenses and revenues

Street Funding Strategy Tabular Financial Data

	Actuals 2016	Actuals 2017	Budgeted 2018
SFS STREET MAINTENANCE			
Expenses			
Street Maintenance Fund 103			
Right of Way Maintenance	714,407	555,426	750,000
Pavement Management	2,881	3,259,688	3,600,000
Sidewalk Repair	-	51,068	250,000
Total Street Maintenance Fund 103 Expenses	717,288	3,866,182	4,600,000
Revenues			
Street Maintenance Fund 103			
Motor Vehicle Fuel Tax (additional)	488,771	345,738	450,000
Business License Surcharge (additional)	11,535	459,980	880,000
Retirement of Debt Service	1,000,000	1,000,000	1,000,000
TBD (Vehicle License Fee)		931,165	1,000,000
1.5% Utility Tax	-	1,722,822	1,500,000
Subtotal SFS revenues for Fund 103	1,500,306	4,459,705	4,830,000
Grants			665,000
Miscellaneous (i.e. interest, interfund, etc.)	2,132	270,465	-
Total Fund 103 All Revenues	1,502,438	4,730,170	4,830,000

SFS TRANSPORTATION CAPITAL			
Expenses			
Fund 331 Transportation Capital			
Pavement Management	999,039	-	
Capital Projects	-	768,094	2,699,564
Total Fund 331 Expenses	999,039	768,094	2,699,564
Revenues			
Fund 331			
Business License Surcharge	460,936		100,000
1.5% Utility Tax	1,593,064		
Transfer from fund 103		21,308	8,634
TBD (Vehicle License Fee)	-	800,000	1,250,000
Subtotal SFS revenues for Fund 331	2,053,999	821,308	1,358,634
Transfer from fund 102		287,798	425,000
Transportation Impact Fees			175,000
Real Estate Excise Tax		150,490	130,000
Grants		13,820	105,952
Developer Participation			25,000
Miscellaneous (i.e. interest, interfund, etc.)	(1,425)	12,373	-
Total Fund 331 All Revenues	2,052,575	1,285,789	2,219,586

Transportation Benefit District Fund (TBD) Fund 634			
Expenses			
Fund 634 Expenses	None		
Transfer to fund 103 (Streets Maintenance)		931,165	605,539
Transfer to fund 330 (Capital Projects)			1,000,000
Transfer to fund 331 (Capital Projects)		800,000	1,250,000
Total Fund 634 Expenses		1,731,165	2,855,539
Revenues			
Fund 634 Revenues			
TBD (Vehicle License Fee)	1,238,204	2,425,136	3,600,000
Miscellaneous (i.e. interest, interfund, etc.)	1,828	9,934	-
Total Fund 634 Expenses	1,240,032	2,435,070	3,600,000

**2017 Streets Expenses Operating and Capital
\$46.7 Million**

**Debt Service, \$4.6
mill**

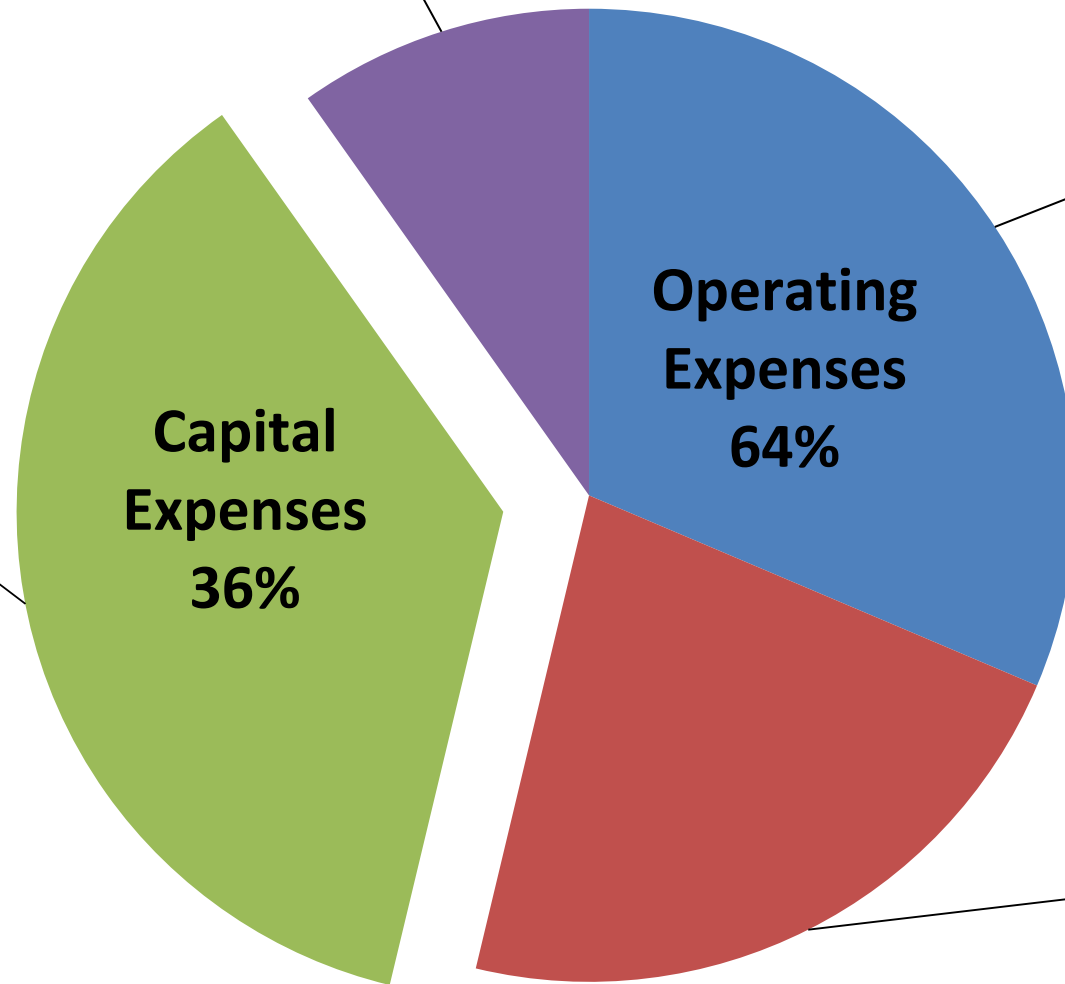
**Operations and
Maintenance,
\$14.7 mill**

**Operating
Expenses
64%**

**Capital
Expenses
36%**

**Capital Projects,
\$17.0 mill**

**Pavement
Management,
\$10.4 mill**

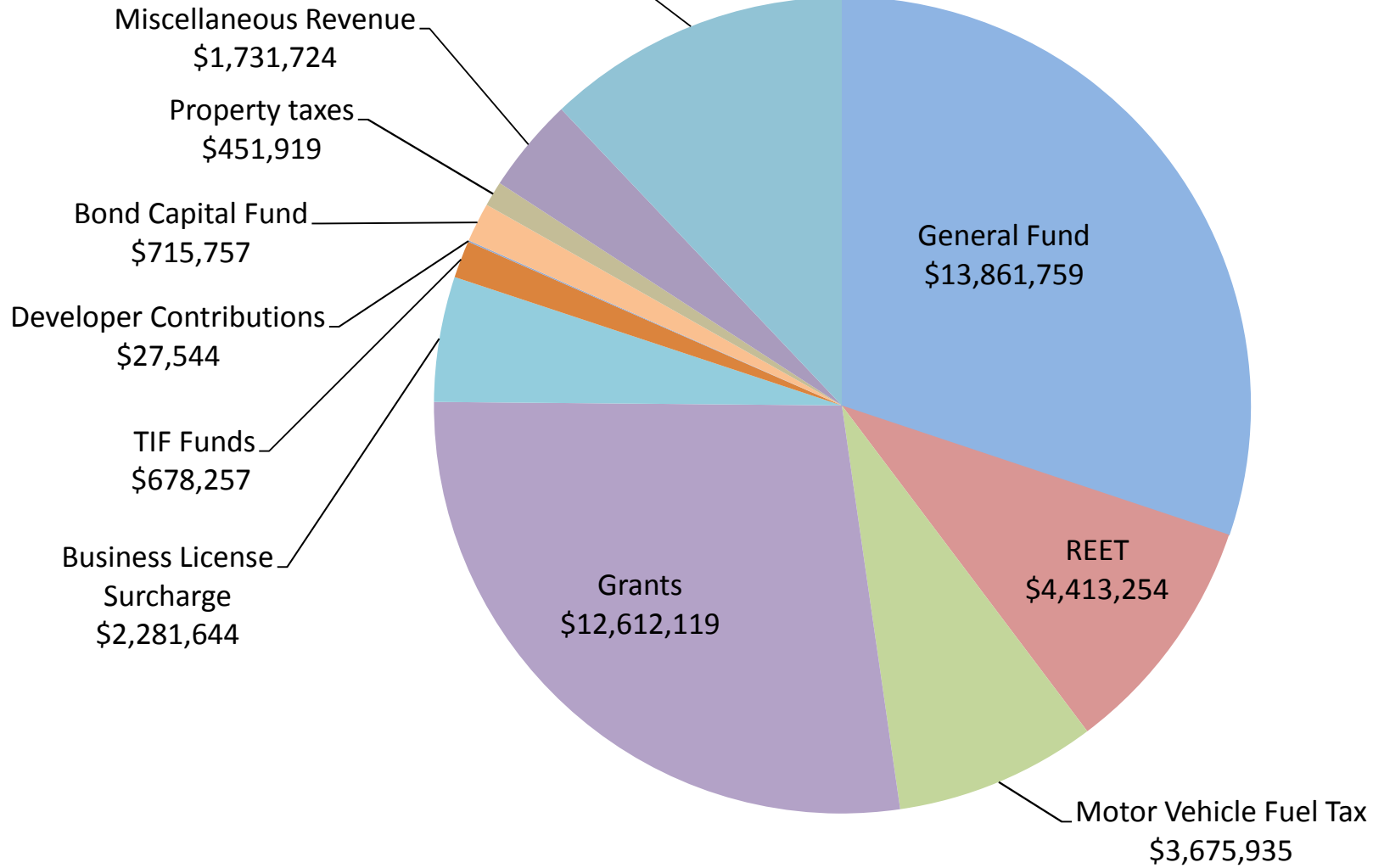


2017 Streets Revenue Operating and Capital

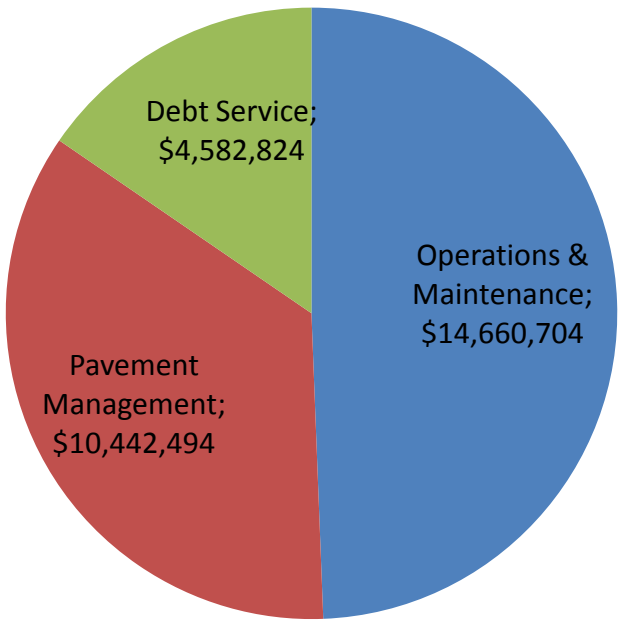
Street Funding Strategy **\$46.0 Million**

(SFS) \$

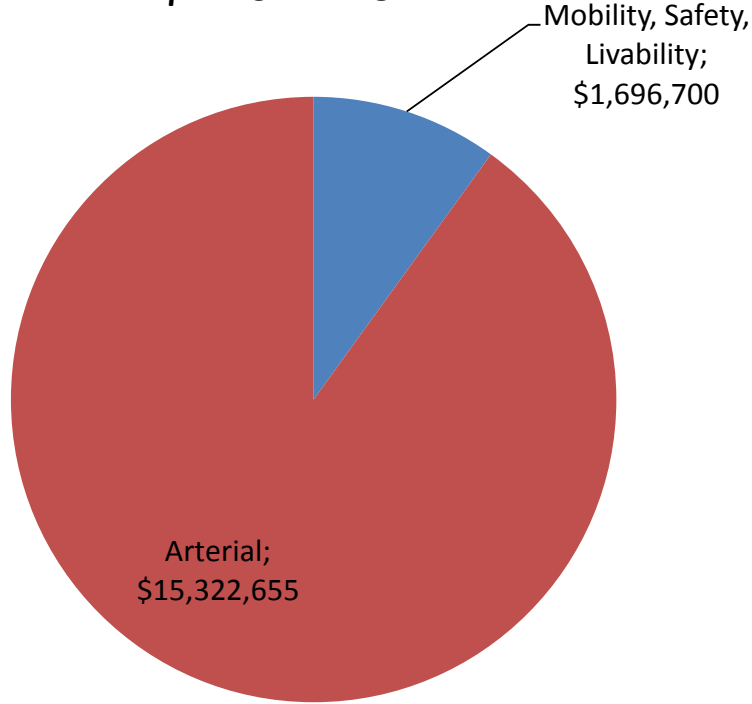
\$5,551,478



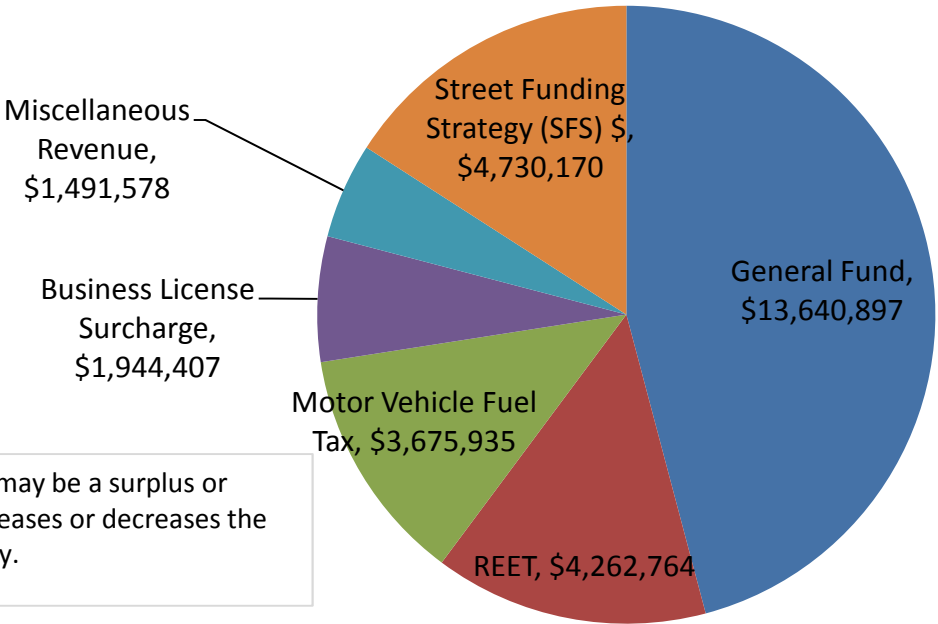
2017 Baseline Expenses \$29.7 million



2017 Capital Expenses \$17.0 million

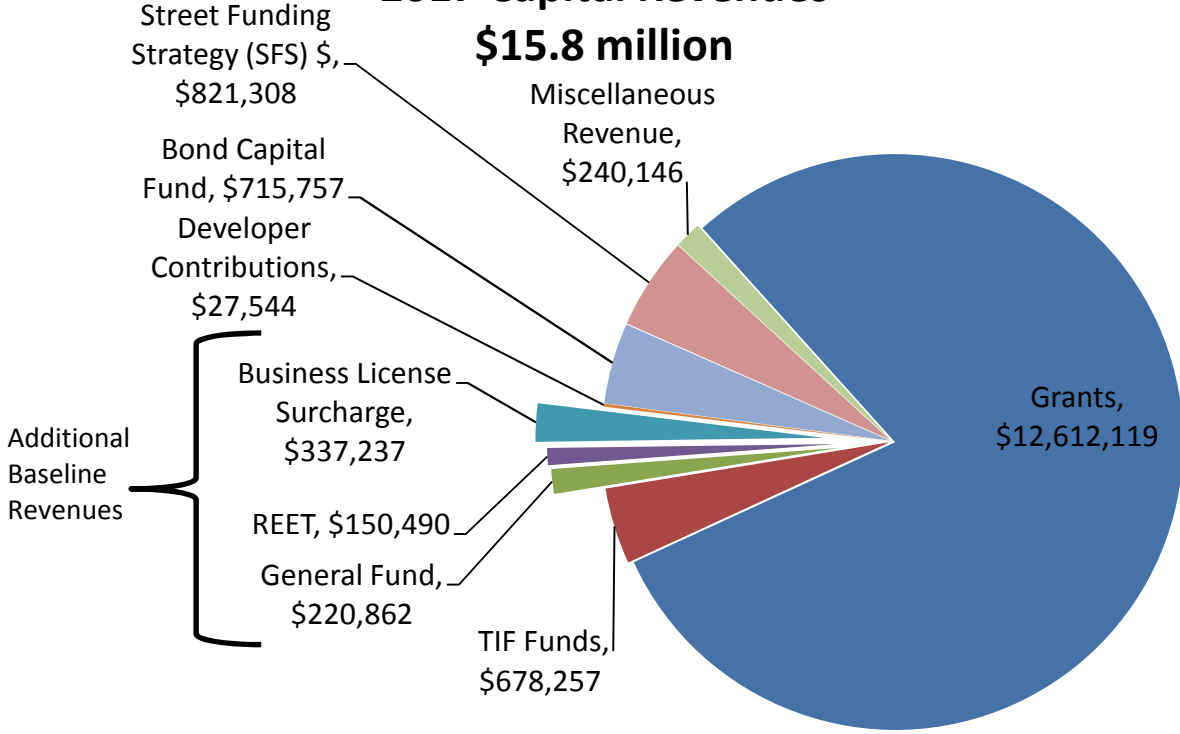


2017 Baseline Revenues \$29.7 million



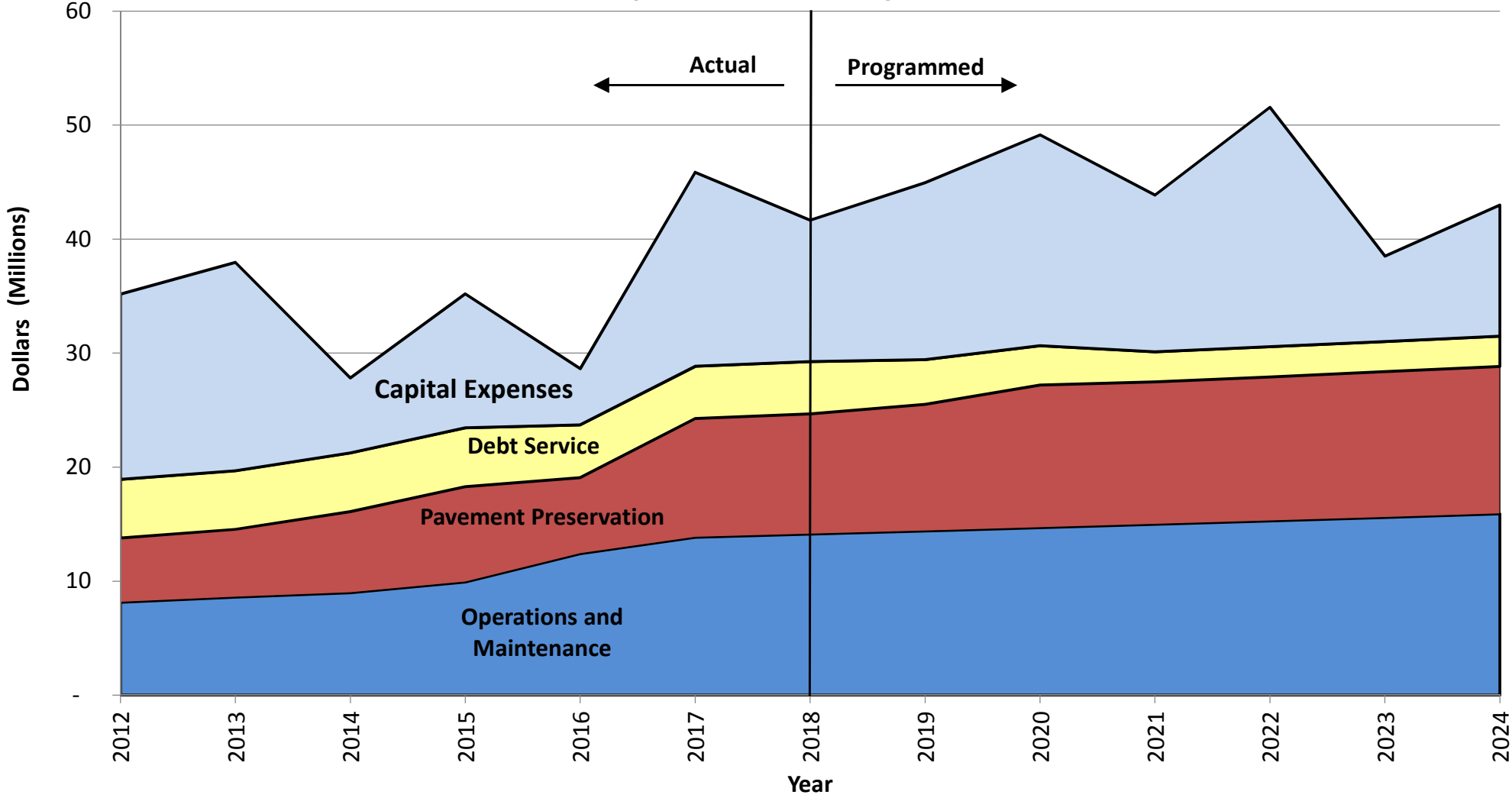
In any given year there may be a surplus or deficit which either increases or decreases the fund balance accordingly.

2017 Capital Revenues \$15.8 million

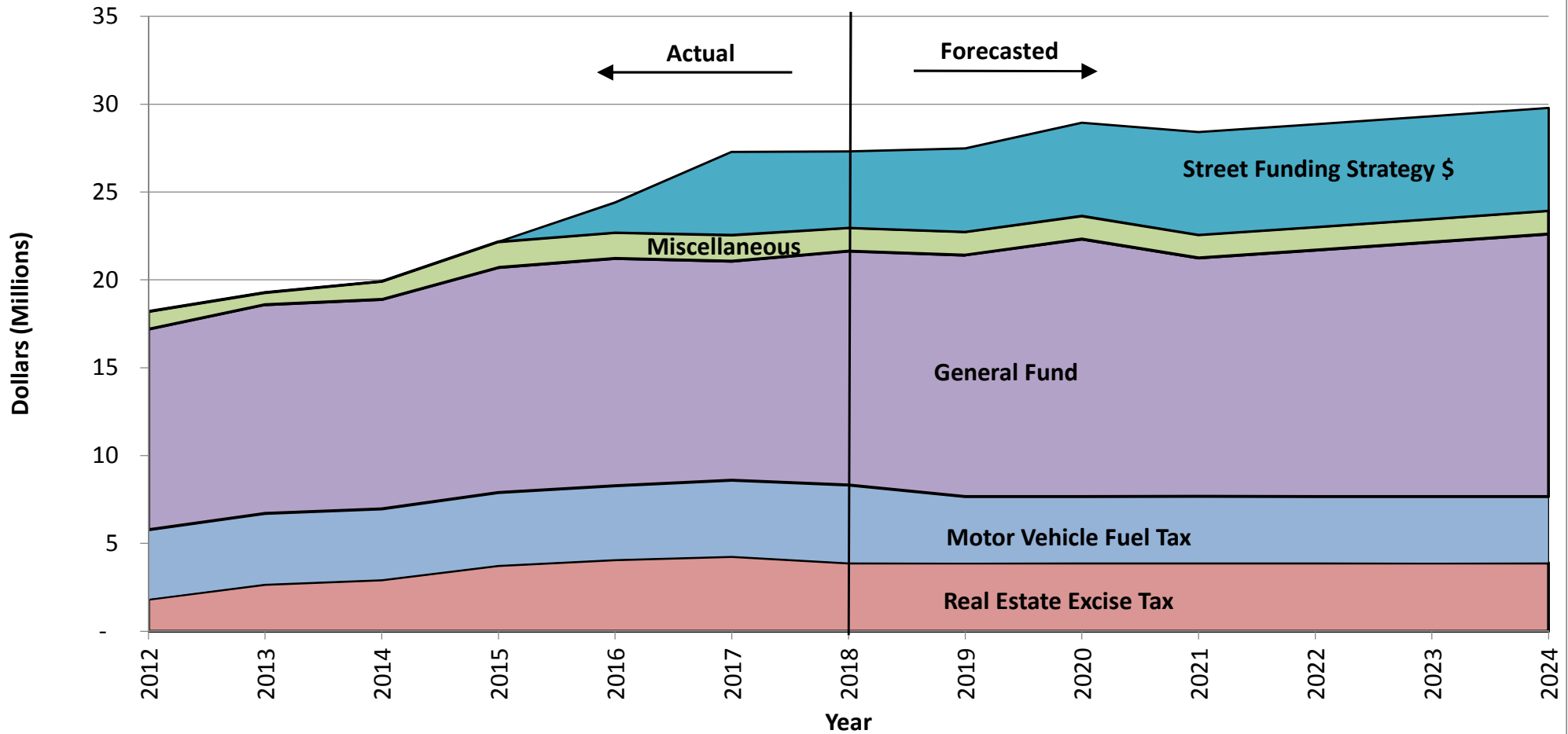


Additional
Baseline
Revenues

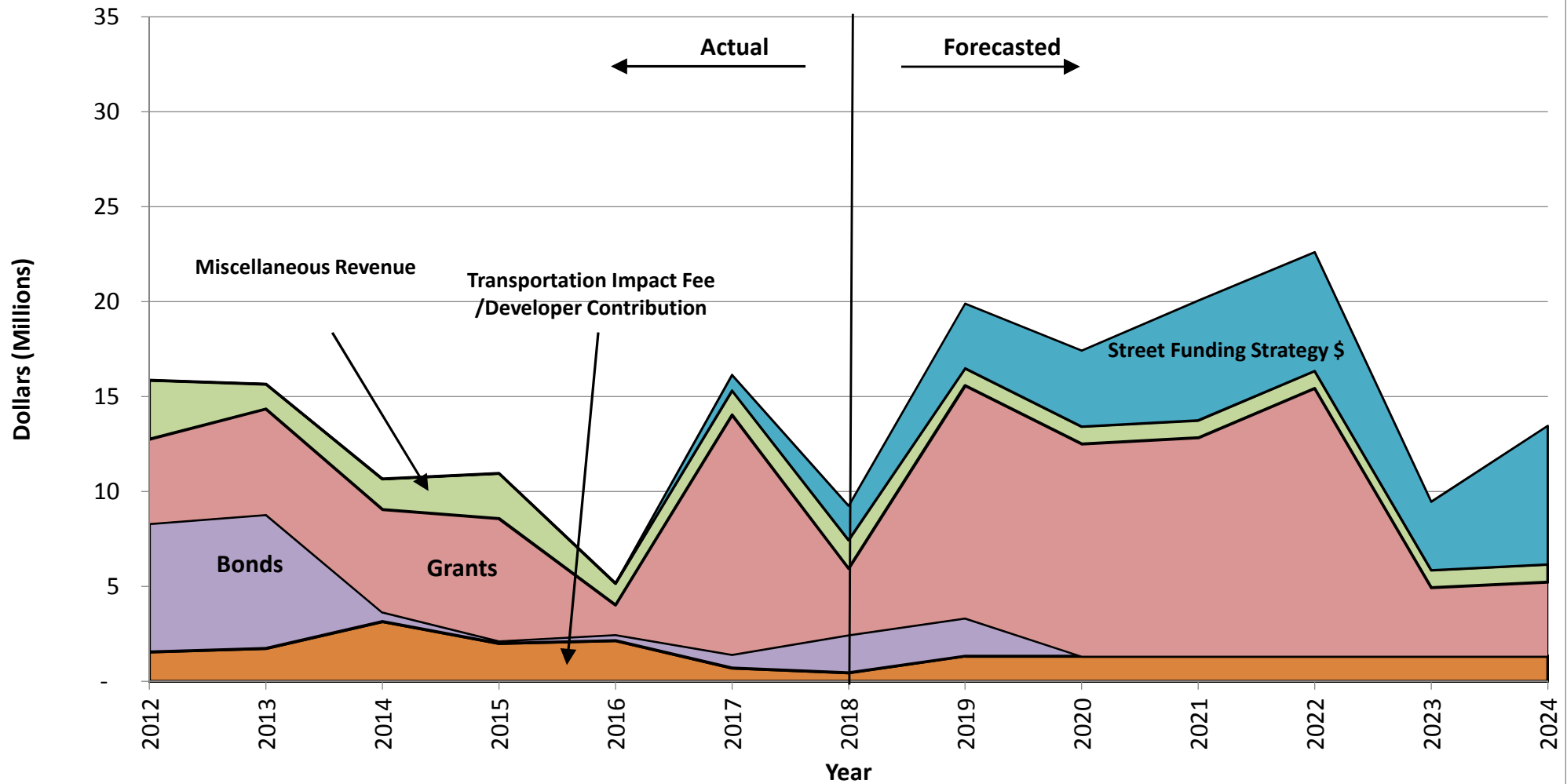
Total Streets Expenses History and Forecasts



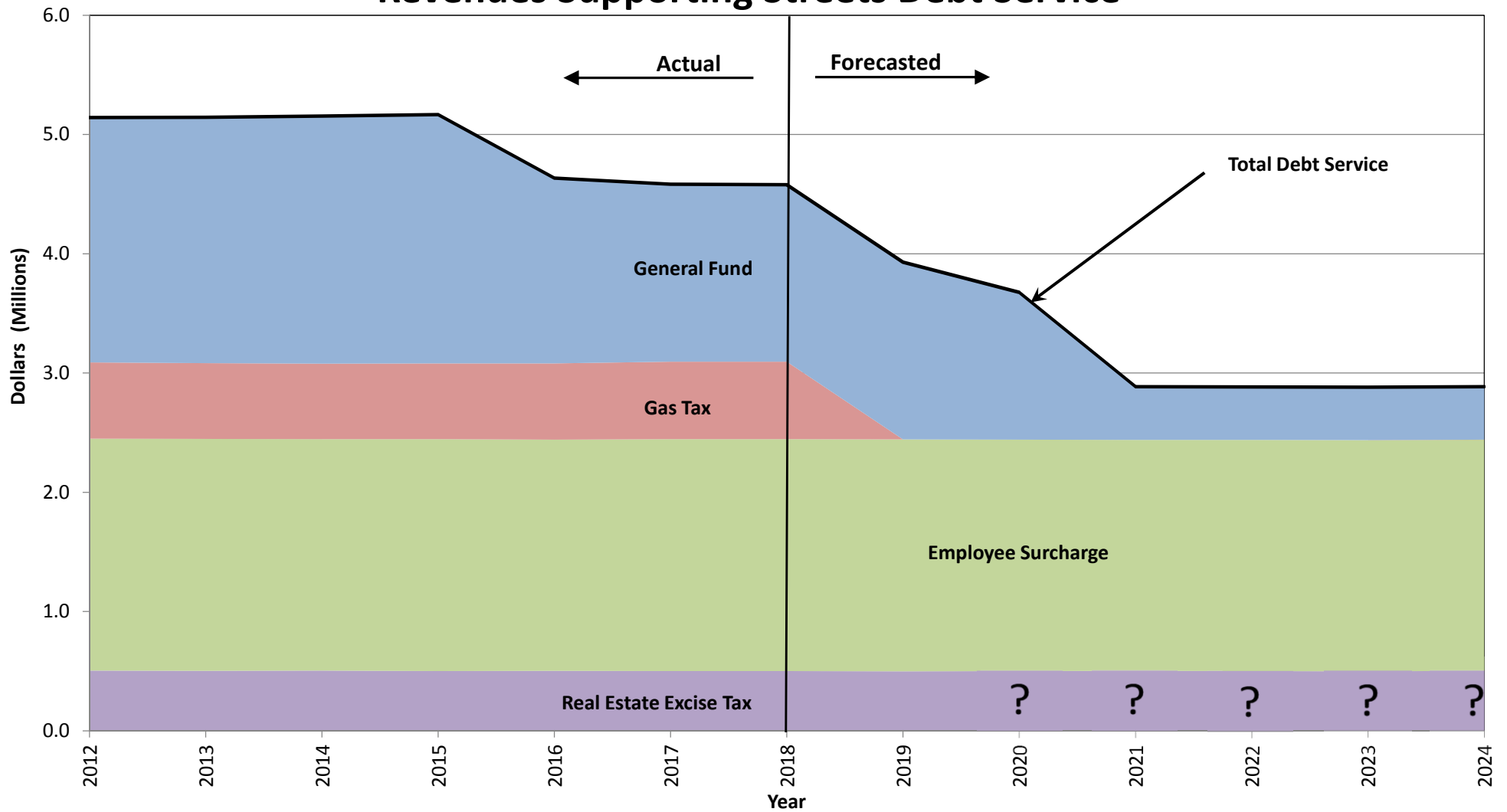
Revenue Supporting Street Operations, Pavement Preservation, and Debt Service



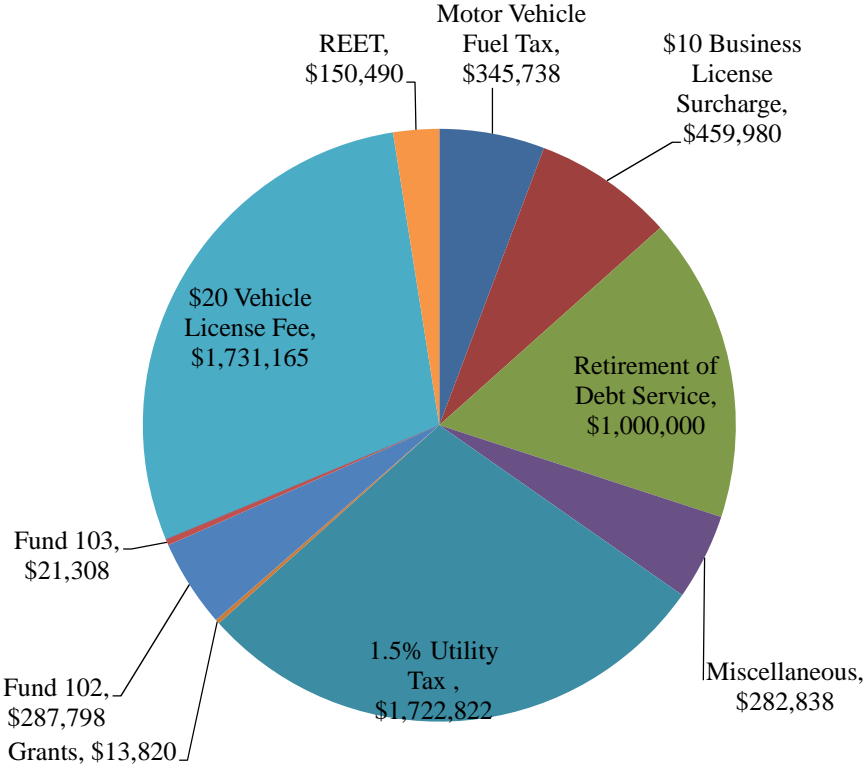
Revenues Supporting Streets Capital Projects & Programs



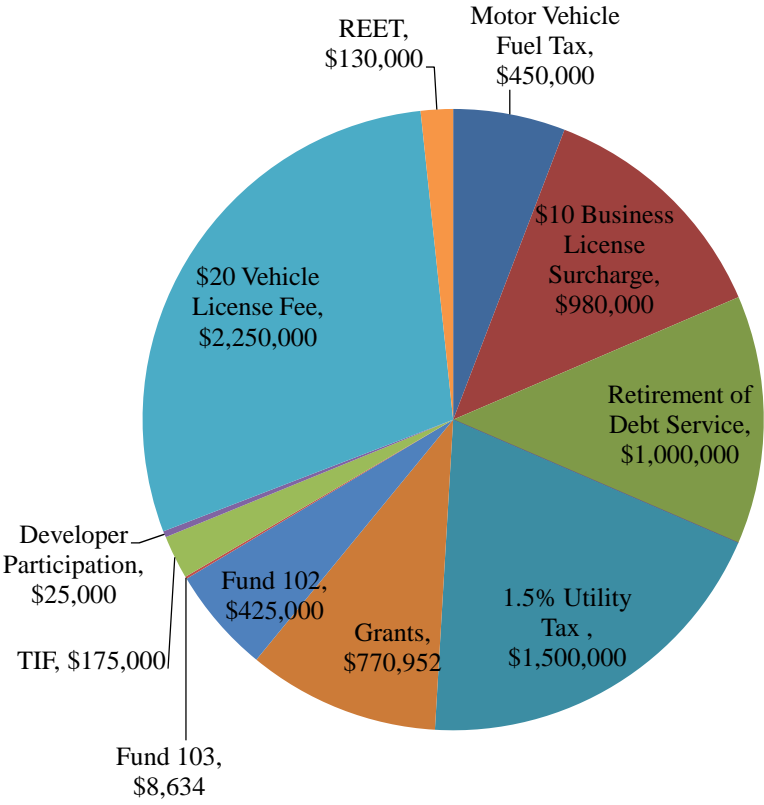
Revenues Supporting Streets Debt Service



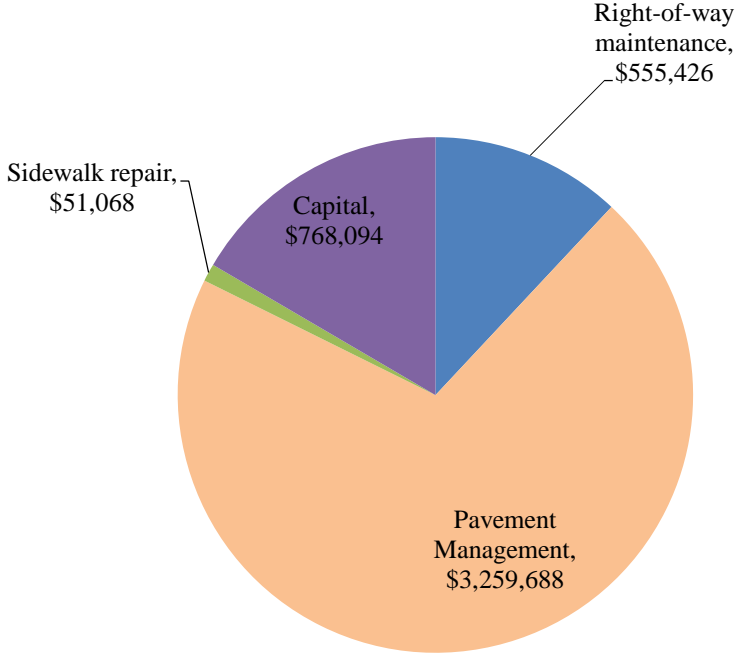
2017 Street Funding Strategy Revenues
\$6.0 M (actuals)



2018 Street Funding Strategy Revenues
\$6.9 M (budgeted)

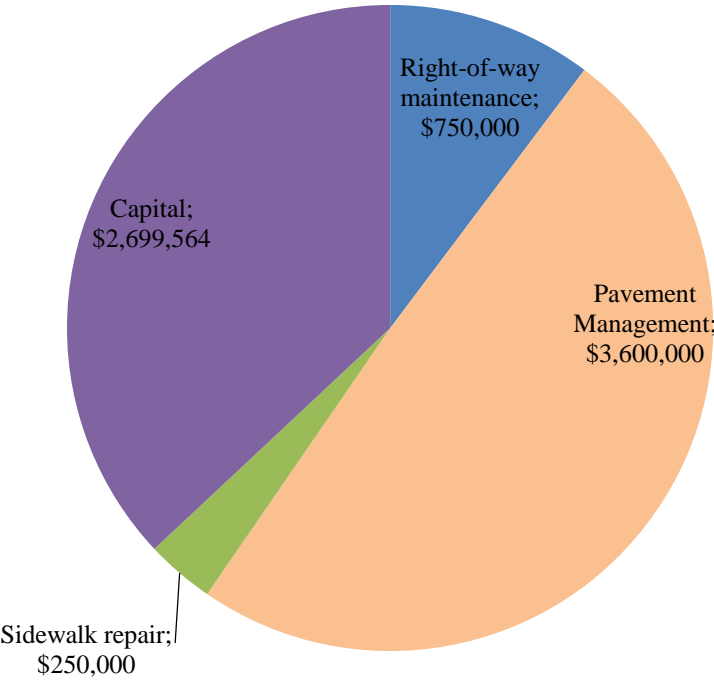


2017 Street Funding Strategy Expenses
\$4.6 M (actuals)



In any given year there may be a surplus or deficit which either increases or decreases the fund balance accordingly.

2018 Street Funding Strategy Expenses
\$7.3 M (budgeted)



Six-Year Project List



This section 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 removed; projects added; and other changes.

Projects Removed:	TIP ID:	Project Type:	Comments:
Evergreen & Washington APS	TRANS-849	Traffic	Project was completed in 2017.

Projects Added:	TIP ID:	Project Type:	Comments:
4 th Plain & St. Johns Signal	TRANS-863	Traffic	New project built as part of TRANS-A-237.
St. James & 42nd Signal	TRANS-864	Traffic	New project built as part of TRANS-A-237.
W Columbia & 13 th St. Signal	TRANS-865	Traffic	New project built as part of TRANS-A-237.
Mill Plain Arrival on Green	TRANS-877	Traffic	New traffic related project.
Evergreen Hwy & 113 th Ave Pedestrian Crossing	TRANS-875	Multimodal	New enhanced pedestrian crossing partially funded by TRANS-A-241.
4 th Plain @ Caples/Wintler Intersection Improvements	TRANS-876	Multimodal	Pedestrian improvements. Local match provided by TRANS-A-844.
McCloughlin Complete Street – Reserve to Mill Plain	TRANS-862	Multimodal	New complete street project. Pending grant approval.
Devine Pedestrian Improvements	TRANS-871	Multimodal	New infill sidewalk project. Pending grant approval.
Fourth Plain Road Diet – I-5 to 65 th Ave	TRANS-872	Multimodal	New multimodal project. Pending grant approval.
5 th Street Pedestrian Improvements – Fort Vancouver to Reserve	TRANS-874	Multimodal	New multimodal project. Pending grant approval. Joint effort with NPS.
Sidewalk Management Program	TRANS-A-859	Ongoing	New ongoing sidewalk management program.
Project Scoping and Estimation	TRANS-A-860	Ongoing	New ongoing project for scoping and estimation.
W Fourth Plain and Franklin Signal	TRANS-866	Traffic	New unfunded signal project.
NE 162 nd and NE 34 th St Signal	TRANS-867	Traffic	New unfunded signal project.
St. Johns and Fort Vancouver Way Intersection Improvements	TRANS-868	Traffic	New unfunded signal project.
Annual Street Light Program	TRANS-869	Traffic	New unfunded ongoing program.
Westside Bike Mobility	TRANS-861	Multimodal	New unfunded multimodal project.
Main Street Road Diet – Fourth Plain to 39 th St	TRANS-873	Multimodal	New unfunded multimodal project.

Other Changes:	TIP ID:	Project Type:	Comments:
SE 1 st St. – SE 164 th to 177 th	TRANS-268	Capacity	Project split into two phases TRANS-268 & TRANS-870. This phase is funded.
SE 1 st St. – SE 177 th to 192 nd	TRANS-870	Capacity	Project split into two phases TRANS-268 & TRANS-870. This phase is partially funded by developer contributions.
112 th Avenue Sidewalk – Chkalov to 9 th	TRANS-852	Multimodal	Added \$100k from 2018 Multimodal Safety and Livability Program (TRANS-A-844).
Traffic Signal and Lighting Sustainability	TRANS-A-237	Ongoing	Added St. Johns/42 nd intersection and Columbia/13 th intersection to 2018 program.
Neighborhood Traffic Management Program	TRANS-A-240	Ongoing	Added 39 th St. speed cushions; Nicholson Rd speed cushions; NW Lincoln Ave/W 4 th Plain/NE 97 th Ave speed radar signs.
Pavement Preservation Program	TRANS-A-241	Ongoing	Received NHS federal grants for Mill Plain – I-5 to Grand and 164 th – Mill Plain to 18 th St.
Bridge Inspection Program	TRANS-A-245	Ongoing	Changed name from Bridge Management Program to Bridge Inspection Program.

Multimodal Safety and Accessibility	TRANS-A-844	Ongoing	Added 112 th Ave sidewalks and Divine Pedestrian Improvements to 2018 program.
NE 18 th St – NE 142 nd to 162 nd	TRANS-444	Capacity	Moved from unfunded to partially funded list.
SE McGillivray Blvd. @ 166 th Ave	TRANS-746	Traffic	Project moved from partially funded to unfunded.
Lieser Rd @ MacArthur St. Intersection	TRANS-603	Traffic	Moved from unfunded to partially funded list. Pending grant approval.
NE Hearthwood & 1 st Street	TRANS-724	Traffic	Moved from unfunded to partially funded list.
NW Neighborhood Circulation Improvements	TRANS-850	Multimodal	Pending grant approval.
Pavement Reconstruction Program	TRANS-A-421	Ongoing	Moved from funded to partially funded.
NE 112 th Ave- Mill Plain to 28 th	TRANS-719	Capacity	Changed limits to accurately reflect project.

<u>Other:</u>	<u>Project Type:</u>	<u>Comments:</u>
Non-City Projects Added		
SR-500 Safety Improvements	Access Management	Access management at Falk and Stapleton.
Mill Plain BRT	Bus Rapid Transit	New C-Tran BRT line on Mill Plain
Non-City Projects Removed		
SR-500 @ Falk Overpass	Interchange	Project replaced with SR-500 safety improvements.
SR-500 @ Stapleton Overpass	Interchange	Project replaced with SR-500 safety improvements.

Council Approved Business License Surcharge Capital Projects - Status	
Project	Status
E Mill Plain Blvd. & 104th Ave. Intersection	Completed
Esther & 4th Street Lowering & Realignment	Completed
NE 49th Street – 112th Ave. to 122nd Ave.	Completed
NE Fourth Plain Blvd. at 65th/66th Ave.	Completed
NE Thurston Rd. at Parkway & Van Mall Dr.	Completed
Mill Plain Blvd. & 136th Ave. Intersection	Completed
Main Street Reconstruction Design Only	Completed design
NE 138 th Avenue – 28 th St. to 49 th St.	Completed
NE 18 th Street – I-205 to Four Seasons	Completed
SE 164th Intersection Improvements	Completed
NE 18 th Street – Four Seasons to 136th Ave	Completed

Council requested that staff report back on the status of the Business License Surcharge projects on an annual basis. The NE 18th Street Improvements was completed in 2018 and is the last project to be completed on the list. Therefore, this table will not be included in future versions of the TIP.

Planned expenses from Street Funding Commission Report

Recommended Allocation of Additional Street Funding Revenues (\$ in Millions)									
	2016 (planned)	2017 (planned)	2018 (planned)	2019 (planned)	2020 (planned)	2021 (planned)	2022 (planned)	2023 (planned)	2024 (planned)
Taking Care of What We Have									
Maintain Right of Way and Increased Arterial Sweeping	\$0.20	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75
Pavement Preservation	\$1.00	\$3.40	\$3.60	\$3.50	\$3.95	\$4.00	\$4.00	\$4.00	\$4.00
Pavement Reconstruction				\$0.50	\$0.60	\$1.10	\$1.10	\$1.10	\$1.10
Asset Replacement	Note 1	\$0.20	\$0.20	\$0.20	\$0.35	\$0.40	\$0.40	\$0.40	\$0.40
Sidewalk Management (See note 4)		\$0.25	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25
Improving the System									
Mobility, Accessibility, Safety, Neighborhood Improvements (See Note 2)	Note 1	\$0.60	\$0.60	\$0.60	\$0.60	\$0.70	\$0.70	\$0.70	\$0.70
Grant Funded Projects (See Note 3)	Note 1	\$3.40	\$3.50	\$3.50	\$3.60	\$3.60	\$3.60	\$3.60	\$3.60
Note 1: Implement the 2016 Transportation Improvement Program with Existing Resources Note 2: Locally funded Projects With Limited Potential to Leverage with Competitive Grants Note 3: Local Dollars to Leverage with Competitive Transportation Grants Note 4: Sidewalk program added in 2017 (not part of original Street Funding Commission Report)									

2019-2024 Transportation Improvement Program

Recommended Allocation of Additional Street Funding Revenues (\$ in Millions)									
	2016 (actuals)	2017 (actuals)	2018 (planned)	2019 (planned)	2020 (planned)	2021 (planned)	2022 (planned)	2023 (planned)	2024 (planned)
Pavement Preservation									
Pavement Preservation Program (See Trans-A-241)	\$1.00	\$3.20	\$3.60	\$3.50	\$3.95	\$4.00	\$4.00	\$4.00	\$4.00
Pavement Reconstruction									
Pavement Reconstruction Program (See TRANS A-421)				\$0.50	\$0.60	\$1.10	\$1.10	\$1.10	\$1.10
Asset Replacement									
Traffic Signal and Lighting Sustainability (See Trans-A-237)		\$0.20	\$0.20	\$0.20	\$0.35	\$0.40	\$0.40	\$0.40	\$0.40
Mobility, Accessibility, Safety, Neighborhood Improvements									
Neighborhood Traffic Management Program (See TRANS-A-240)		\$0.10	\$0.10	\$0.10	\$0.10	\$0.10	\$0.10	\$0.10	\$0.10
Multimodal Safety and Accessibility (See TRANS-A-844)		\$0.50	\$0.50	\$0.50	\$0.50	\$0.60	\$0.60	\$0.60	\$0.60
Sidewalk Management									
Sidewalk Management Program (TRANS-A-859)		\$0.05	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25
Grant Funded Projects									
SE 1st ST-SE 164th Ave to SE 192nd Ave (See TRANS-268)					\$3.00	\$2.20			
Evergreen Hwy Trail -- Image to Chelsea (See TRANS-740)			\$0.05	\$0.15			\$0.45		
Lieser Rd @ MacArthur St. Intersection (See TRANS-603)					\$0.38				
NE 137th Ave - NE 49th St to NE Fourth Plain Blvd (See TRANS-275)			\$0.90	\$1.60	\$1.00		\$3.90	\$1.50	
Jefferson St W Evergreen to W Mill Plain Blvd (See TRANS-531)							\$0.40	\$1.00	\$2.60
NW Neighborhood Circulation Improvements (See TRANS-850)				\$0.10	\$0.30				
Mcloughlin Complete Street Project (See TRANS-862)				\$0.50					
Fourth Plain Road Diet - I-5 to 65th Ave (See TRANS-872)					\$0.36				
Clark College TDM (See TRANS-858)						\$0.04			
18th Street - 142nd Ave to 162nd Ave (See TRANS-444)							\$0.50		
NE 18th St NE 97th Ave to NE 107th Ave (See Trans 527)									\$3.50
Total Grant Funded	\$0.00	\$0.00	\$0.95	\$2.35	\$5.04	\$2.24	\$5.25	\$2.50	\$6.10

Operations Activities Not Included in TIP but Included in Street Funding Recommendations

	2016 (actuals)	2017 (actuals)	2018 (planned)	2019 (planned)	2020 (planned)	2021 (planned)	2022 (planned)	2023 (planned)	2024 (planned)
Maintain Right of Way and Increased Arterial Sweeping	\$0.72	\$0.55	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75



SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM
(2019-2024)

Note: All costs are in 2018 dollars. 2018 shown for reference only (6-year plan is for 2019-2024).

FUNDED PROJECTS/PROGRAMS

RANK	Project ID	Project Name	Project Type	Funding Type	Spent to Date (4-1-18)	2018	2019	2020	2021	2022	2023	2024	6-Year Total	TIF Area old/new	
						Planned Expenditures	Planned Expenditures	Planned Expenditures	Planned Expenditures	Planned Expenditures	Planned Expenditures	Planned Expenditures			
FUNDED PROJECTS/PROGRAMS															
			Capacity												
	TRANS-268	SE 1st St - SE 164th Ave to SE 177th Ave Design Phase - Funded from 164th to 177th Right-of-Way Phase - Funded from 164th to 177th Construction Phase - Funding uncertain from 164th to 177th	Capacity	EXST \$		\$450,000							\$450,000	East City/Cascade	
				SFS \$				\$1,000,000	\$2,200,000				\$3,200,000		
				GRANT \$		\$1,000,000		\$4,000,000	\$1,800,000				\$6,800,000		
				TOTAL \$	\$1,594,895	\$1,450,000	\$0	\$5,000,000	\$4,000,000	\$0	\$0	\$0	\$12,044,895		
	TRANS -678	E Mill Plain Blvd. - 104th Ave to Chkalov Design Phase - Funded - Started Right-of-Way Phase - Funded - Started Construction Phase - Funded - Not started	Capacity	EXST \$		\$500,000	\$300,000						\$800,000	East City/Cascade	
				SFS \$									\$0		
				GRANT \$			\$2,000,000						\$2,000,000		
				TOTAL \$	\$3,245,656	\$500,000	\$2,300,000	\$0	\$0	\$0	\$0	\$0	\$6,045,656		
	TRANS-703	NE 18th St - Four Seasons Lane to NE 136th Ave Design Phase - Completed Right-of-Way Phase - Completed Construction Phase - Funded - Started	Capacity	EXST \$		\$500,000							\$500,000	Evergreen & East City/ Pacific & Cascade	
				SFS \$									\$0		
				GRANT \$		\$500,000							\$500,000		
				TOTAL \$	\$12,388,316	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$13,388,316		
			Traffic												
	TRANS-841	Fourth Plain and Norris Signal Improvement Project Design Phase - Funded - Started Right-of-Way Phase - Funded - Not started Construction Phase - Funded - Not started	Traffic	EXST \$		\$300,000	\$150,000						\$450,000	Vancouver/Columbia	
				SFS \$									\$0		
				GRANT \$									\$0		
				TOTAL \$	\$3,042	\$300,000	\$150,000	\$0	\$0	\$0	\$0	\$0	\$453,042		
	TRANS-A-853	LED Street Light Retrofit Design Phase - Funded - Not started Right-of-Way Phase - Not applicable Construction Phase - Funded - Not started	Traffic	EXST \$		\$2,000,000	\$2,815,000						\$4,815,000	Vancouver/Columbia	
				SFS \$									\$0		
				GRANT \$									\$0		
				TOTAL \$	\$0	\$2,000,000	\$2,815,000	\$0	\$0	\$0	\$0	\$0	\$4,815,000		
	TRANS-863	Fourth Plain and St. Johns Signal Improvement Project (*funded by TRANS-A-237) Design Phase - Funded - Not Started Right-of-Way Phase - Funded - Not started Construction Phase - Funded - Not started	Traffic	EXST \$									\$0	Vancouver/Columbia	
				SFS \$	*								\$0		
				GRANT \$									\$0		
				TOTAL \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	TRANS-864	St. James and 42nd St. Signal Improvement Project (*funded by TRANS-A-237) Design Phase - Funded - Not Started Right-of-Way Phase - Funded - Not started Construction Phase - Funded - Not started	Traffic	EXST \$									\$0	Vancouver/Columbia	
				SFS \$	*								\$0		
				GRANT \$									\$0		
				TOTAL \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	TRANS-865	W Columbia and 13th St. Signal Improvement Project (*funded by TRANS-A-237) Design Phase - Funded - Not Started Right-of-Way Phase - Funded - Not started Construction Phase - Funded - Not started	Traffic	EXST \$									\$0	Vancouver/Columbia	
				SFS \$	*								\$0		
				GRANT \$									\$0		
				TOTAL \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	TRANS-877	Mill Plain Arrival on Green - I-205 to 164th Ave Design Phase - Funded - Not started Right-of-Way Phase - Not applicable Construction Phase - Funded - Not started	Traffic	EXST \$		\$20,000							\$20,000	Vancouver/Columbia	
				SFS \$									\$0		
				GRANT \$		\$72,000							\$72,000		
				TOTAL \$	\$0	\$92,000	\$0	\$0	\$0	\$0	\$0	\$0	\$92,000		
			Multimodal												
	TRANS-DT-451	Destination Downtown TDM Design Phase - Funded - Started Right-of-Way Phase - Not applicable Construction Phase - Funded - Not started	Multimodal	EXST \$		\$20,000							\$20,000	Vancouver/Columbia	
				SFS \$									\$0		
				GRANT \$		\$85,000							\$85,000		
				TOTAL \$		\$105,000	\$0	\$0	\$0	\$0	\$0	\$0	\$105,000		
	TRANS-833	Vancouver Waterfront Trail Design Phase - Completed Right-of-Way Phase - Completed Construction Phase - Funded - Not started	Multimodal	EXST \$									\$0	Vancouver/Columbia	
				SFS \$									\$0		
				GRANT \$		\$600,000							\$600,000		
				TOTAL \$		\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000		
	TRANS-835	Fort Vancouver Way/Mcloughlin Sidewalk Infill and Hawk Signal Design Phase - Funded - Started Right-of-Way Phase - Funded - Not Started Construction Phase - Funded - Not started	Multimodal	EXST \$		\$50,000	\$50,000						\$100,000	Vancouver/Columbia	
				SFS \$									\$0		
				GRANT \$		\$450,000	\$450,000						\$900,000		
				TOTAL \$	\$132,621	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$1,132,621		



SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM
(2019-2024)

Note: All costs are in 2018 dollars. 2018 shown for reference only (6-year plan is for 2019-2024).

FUNDED PROJECTS/PROGRAMS

RANK	Project ID	Project Name	Project Type	Funding Type	Spent to Date (4-1-18)	2018	2019	2020	2021	2022	2023	2024	6-Year Total	TIF Area old/new
						Planned Expenditures	Planned Expenditures	Planned Expenditures	Planned Expenditures	Planned Expenditures	Planned Expenditures	Planned Expenditures		
FUNDED PROJECTS/PROGRAMS														
	TRANS-852	112th Avenue Sidewalk - Chkalov to 9th Street (*using \$100k from 2018 TRANS-A-844) Design Phase - Funded - Started Right-of-Way Phase - Not applicable Construction Phase - Funded - Not started	Multimodal	EXST \$									\$0	Vancouver/Columbia
				SFS \$	*	\$0	\$0						\$0	
				GRANT \$		\$14,000	\$106,000						\$120,000	
				TOTAL \$	\$44,711	\$14,000	\$106,000	\$0	\$0	\$0	\$0	\$0	\$164,711	
	TRANS-A-854	Transportation System Plan (TSP) Update Design Phase - Funded - Started Right-of-Way Phase - Not applicable Construction Phase - Not applicable	Multimodal	EXST \$		\$100,000	\$230,000	\$250,000					\$580,000	Vancouver/Columbia
				SFS \$									\$0	
				GRANT \$									\$0	
				TOTAL \$	\$0	\$100,000	\$230,000	\$250,000	\$0	\$0	\$0	\$0	\$580,000	
	TRANS-875	Evergreen Hwy and 113th Ave Pedestrian crossing (*partially funded by TRANS-A-241) Design Phase - Funded - Started Right-of-Way Phase - Not applicable Construction Phase - Not applicable	Multimodal	EXST \$	*	\$100,000							\$100,000	Vancouver/Columbia
				SFS \$									\$0	
				GRANT \$									\$0	
				TOTAL \$	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	
	TRANS-876	4th plain caples/wintler (*using \$60k from 2017 TRANS-A-844) Design Phase - Funded - Started Right-of-Way Phase - Not applicable Construction Phase - Not applicable	Multimodal	EXST \$									\$0	Vancouver/Columbia
				SFS \$	*	\$0							\$0	
				GRANT \$		\$208,000							\$208,000	
				TOTAL \$	\$0	\$208,000	\$0	\$0	\$0	\$0	\$0	\$0	\$208,000	
			Ongoing											
	TRANS-A-237	Traffic Signal and Lighting Sustainability Sub projects for 2018 include: 4th Plain & St. Johns APS Upgrade; St. Johns & 42nd St; Columbia & 13th St	Ongoing	EXST \$		\$215,000	\$215,000	\$215,000	\$215,000	\$215,000	\$215,000	\$215,000	\$1,505,000	
				SFS \$		\$200,000	\$200,000	\$350,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,350,000	
				GRANT \$									\$0	
				TOTAL \$		\$415,000	\$415,000	\$565,000	\$615,000	\$615,000	\$615,000	\$615,000	\$3,855,000	
	TRANS-A-240	Neighborhood Traffic Management Program Sub projects for 2018 include: NE 39th St speed cushions; Nicholson Road speed cushions; NW Lincoln Ave/W 4th Plain/NE 97th Ave speed radar	Ongoing	EXST \$		\$170,000	\$170,000	\$170,000	\$170,000	\$170,000	\$170,000	\$170,000	\$1,190,000	
				SFS \$		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$700,000	
				GRANT \$									\$0	
				TOTAL \$		\$270,000	\$270,000	\$270,000	\$270,000	\$270,000	\$270,000	\$270,000	\$1,890,000	
	TRANS-A-241	Pavement Preservation Program Received NHS federal grants for Mill Plain - I-5 to Grand and 164th Ave - Mill Plain to NE 18th St	Ongoing	EXST \$		\$6,960,686	\$7,099,900	\$7,241,898	\$7,386,736	\$7,534,470	\$7,685,159	\$7,838,862	\$51,747,711	
				SFS \$		\$3,600,000	\$3,500,000	\$3,950,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$27,050,000	
				GRANT \$									\$0	
				TOTAL \$		\$10,560,686	\$10,599,900	\$11,191,898	\$11,386,736	\$11,534,470	\$11,685,159	\$11,838,862	\$78,797,711	
	TRANS-A-245	Bridge Inspection Program	Ongoing	EXST \$		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$70,000	
				SFS \$									\$0	
				GRANT \$									\$0	
				TOTAL \$		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$70,000	
	TRANS-A-844	Multimodal safety and accessibility Sub projects for 2018 include: 112th Avenue Sidewalk (TRANS-852 = \$100k); Divine Pedestrian Improvements (TRANS-871 = \$330k)	Ongoing	EXST \$									\$0	
				SFS \$		\$500,000	\$500,000	\$500,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,900,000	
				GRANT \$									\$0	
				TOTAL \$		\$500,000	\$500,000	\$500,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,900,000	
				EXST \$	Annually =	\$11,395,686	\$11,039,900	\$7,886,898	\$7,781,736	\$7,929,470	\$8,080,159	\$8,233,862	EXST \$	\$62,347,711
				SFS \$	Annually =	\$4,400,000	\$4,300,000	\$5,900,000	\$7,300,000	\$5,100,000	\$5,100,000	\$5,100,000	SFS \$	\$37,200,000
				GRANT \$	Annually =	\$2,929,000	\$2,556,000	\$4,000,000	\$1,800,000	\$0	\$0	\$0	GRANT \$	\$11,285,000
				TOTAL \$	Annually =	\$18,724,686	\$17,895,900	\$17,786,898	\$16,881,736	\$13,029,470	\$13,180,159	\$13,333,862	TOTAL \$	\$128,241,952
			Non-City											
		West Vancouver Freight Access (under construction)	Port of Vancouver											
		SR-500 Safety Improvements (funded)	WSDOT											
		SR-14 (I-205 to 162nd) Widening (funded)	WSDOT											
		Mill Plain & I-5 Interchange Improvements (2022-2025)	WSDOT											
		Mill Plain (Port of Vancouver to I-5) Improvements (2018-2020)	WSDOT											
		I-5 Interstate Bridge Replacement (unfunded)	Multi-agency											
		Mill Plain BRT (unfunded)	C-Tran											



SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM
(2019-2024)

Note: All costs are in 2018 dollars. 2018 shown for reference only (6-year plan is for 2019-2024).

PARTIALLY FUNDED PROJECTS/PROGRAMS

R A N K	Project ID	Project Name	Project Type	Funding Type	Spent to Date (4-1-18)	2018	2019	2020	2021	2022	2023	2024	6-Year Total	TIF Area old/new
						Planned Expenditures	Planned Expenditures	Planned Expenditures	Planned Expenditures	Planned Expenditures	Planned Expenditures	Planned Expenditures		
PARTIALLY FUNDED PROJECTS/PROGRAMS														
			Capacity											
	TRANS-275	NE 137th Ave - NE 49th St to NE Fourth Plain Blvd Design Phase - Funded - Started Right-of-Way Phase - Funding uncertain - Not started Construction Phase - Funding uncertain - Not started	Capacity	EXST \$		\$200,000							\$200,000	Evergreen/Pacific
				SFS \$		\$900,000	\$1,600,000	\$1,000,000		\$3,880,000	\$1,500,000		\$8,880,000	
				GRANT \$		\$400,000	\$1,000,000	\$2,000,000		\$5,820,000	\$2,100,000		\$11,320,000	
				TOTAL \$	\$1,529,318	\$1,500,000	\$2,600,000	\$3,000,000	\$0	\$9,700,000	\$3,600,000	\$0	\$21,929,318	
	TRANS-527	NE 18th St - NE 97th Ave to NE 107th Avenue Design Phase - Funded - Started Right-of-Way Phase - Funded - Not started Construction Phase - Funding uncertain - Not started	Capacity	EXST \$		\$750,000	\$1,250,000	\$1,500,000					\$3,500,000	Evergreen & E. City/ Pacific & Cascade
				SFS \$								\$3,500,000	\$3,500,000	
				GRANT \$							\$7,000,000	\$7,000,000		
				TOTAL \$	\$70,458	\$750,000	\$1,250,000	\$1,500,000	\$0	\$0	\$0	\$10,500,000	\$14,070,458	
	TRANS-531	Jefferson St - W Evergreen to W Mill Plain Blvd Design Phase - Funded - Started Right-of-Way Phase - Funded - Not started Construction Phase - Funding uncertain - Not started	Capacity	EXST \$		\$1,000,000	\$100,000						\$1,100,000	Vancouver/Columbia
				SFS \$						\$400,000	\$1,000,000	\$2,600,000	\$4,000,000	
				GRANT \$						\$600,000	\$1,500,000	\$3,900,000	\$6,000,000	
				TOTAL \$	\$94,196	\$1,000,000	\$100,000	\$0	\$0	\$1,000,000	\$2,500,000	\$6,500,000	\$11,194,196	
	TRANS-444	NE 18th St - NE 142nd Ave to NE 162nd Ave Design Phase - Funded - Not started Right-of-Way Phase - Funded - Not started Construction Phase - Funding uncertain - Not started	Capacity	EXST \$									\$0	Evergreen & E. City/ Pacific & Cascade
				SFS \$						\$500,000			\$500,000	
				GRANT \$									\$0	
				TOTAL \$	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000	
	TRANS-855	W 32nd Avenue Extension Feasibility Study Design Phase - Funded - Started Right-of-Way Phase - Funded - Not started Construction Phase - Funding uncertain - Not started	Capacity	EXST \$		\$200,000	\$100,000						\$300,000	Vancouver/Columbia
				SFS \$									\$0	
				GRANT \$									\$0	
				TOTAL \$	\$0	\$200,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$300,000	
	TRANS-870	SE 1st St - SE 177th Ave to SE 192nd Ave Design Phase - funded by developer Right-of-Way Phase - Funded by developer Construction Phase - Unfunded - Not started	Capacity	EXST \$	Developer \$								\$0	East City/Cascade
				SFS \$				\$3,000,000				\$3,000,000		
				GRANT \$				\$4,000,000				\$4,000,000		
				TOTAL \$		\$0	\$0	\$0	\$7,000,000	\$0	\$0	\$0	\$7,000,000	
			Traffic											
	TRANS-603	Lieser Rd @ MacArthur St. Intersection Design Phase - Funded - Started Right-of-Way Phase - Funded - Started Construction Phase - Funding uncertain - Not started	Traffic	EXST \$			\$225,000						\$225,000	Vancouver/Columbia
				SFS \$			\$375,000					\$375,000		
				GRANT \$		\$900,000	\$2,000,000					\$2,900,000		
				TOTAL \$	\$0	\$0	\$1,125,000	\$2,375,000	\$0	\$0	\$0	\$0	\$3,500,000	
	TRANS-724	NE Hearthwood & 1st street Design Phase - Funded - Started Right-of-Way Phase - Funded - Started Construction Phase - Funding uncertain - Not started	Traffic	EXST \$		\$150,000	\$180,000						\$330,000	East City/Cascade
				SFS \$								\$0		
				GRANT \$								\$0		
				TOTAL \$	\$30,000	\$150,000	\$180,000	\$0	\$0	\$0	\$0	\$0	\$360,000	
			Multimodal											
	TRANS-740	Evergreen Hwy Pathway -Image to Chelsea Design Phase - Funded - Started Right-of-Way Phase - Funded - Not started Construction Phase - Unfunded - Not started	Multimodal	EXST \$		\$150,000							\$150,000	East City/Cascade
				SFS \$		\$50,000	\$150,000			\$450,000			\$650,000	
				GRANT \$						\$675,000			\$675,000	
				TOTAL \$	\$281,380	\$200,000	\$150,000	\$0	\$0	\$1,125,000	\$0	\$0	\$1,756,380	
	Trans-741	Evergreen Hwy Pathway - Columbia Springs to SE 164th Ave Design Phase - Partially funded by citizen group - Started Right-of-Way Phase - Unfunded - Not started Construction Phase - Unfunded - Not started	Multimodal	EXST \$										East City/Cascade
				SFS \$										
				GRANT \$										
				TOTAL \$	\$0									
	TRANS-843	Evergreen Hwy Pathway -Weber Arboretum to 100th Court Design Phase - Funded - Started Right-of-Way Phase - Funded - Not started Construction Phase - Unfunded - Not started	Multimodal	EXST \$		\$100,000	\$50,000						\$150,000	East City/Cascade
				SFS \$								\$0		
				GRANT \$								\$0		
				TOTAL \$	\$1,268,035	\$100,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$1,418,035	



SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM
(2019-2024)

Note: All costs are in 2018 dollars. 2018 shown for reference only (6-year plan is for 2019-2024).

PARTIALLY FUNDED PROJECTS/PROGRAMS

RANK	Project ID	Project Name	Project Type	Funding Type	Spent to Date (4-1-18)	2018	2019	2020	2021	2022	2023	2024	6-Year Total	TIF Area old/new	
						Planned Expenditures	Planned Expenditures	Planned Expenditures	Planned Expenditures	Planned Expenditures	Planned Expenditures	Planned Expenditures			
PARTIALLY FUNDED PROJECTS/PROGRAMS															
	Trans-850	NW Neighborhood Circulation Improvements - Franklin Elementary/Lincoln Sidewalks and Enhanced Pedestrian Crossing Design Phase - Partially funded - Not started Right-of-Way Phase - Unfunded - Not started Construction Phase - Unfunded - Not started	Multimodal	EXST \$		\$90,000							\$90,000	Vancouver/Columbia	
				SFS \$				\$263,000					\$263,000		
				GRANT \$		\$147,000		\$1,100,000					\$1,247,000		
				TOTAL \$	\$0	\$237,000	\$0	\$1,363,000	\$0	\$0	\$0	\$0	\$1,600,000		
	Trans-858	Clarck College TDM Design Phase - Partially Funded - Not started Right-of-Way Phase - Unfunded - Not started Construction Phase - Unfunded - Not started	Multimodal	EXST \$									\$0	Vancouver/Columbia	
				SFS \$				\$40,000					\$40,000		
				GRANT \$				\$250,000					\$250,000		
				TOTAL \$	\$0	\$0	\$0	\$290,000	\$0	\$0	\$0	\$0	\$290,000		
	Trans-862	Mcloughlin Complete Street - Reserve to Mill Plain Design Phase - Partially Funded - Not started Right-of-Way Phase - Unfunded - Not started Construction Phase - Unfunded - Not started	Multimodal	EXST \$									\$0	Vancouver/Columbia	
				SFS \$			\$500,000						\$500,000		
				GRANT \$			\$500,000						\$500,000		
				TOTAL \$	\$0	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000		
	TRANS-871	Devine Pedestrian Improvements - Mill Plain to 18th (*using \$330k from 2018 TRANS-A-844) Design Phase - Funded - Started Right-of-Way Phase - Not applicable Construction Phase - Not applicable	Multimodal	EXST \$									\$0	Vancouver/Columbia	
				SFS \$	*		\$0						\$0		
				GRANT \$			\$489,000						\$489,000		
				TOTAL \$	\$0	\$0	\$489,000	\$0	\$0	\$0	\$0	\$0	\$489,000		
	Trans-872	Fourth Plain Road Diet - I-5 to 65th Ave Design Phase - Partially Funded - Not started Right-of-Way Phase - Unfunded - Not started Construction Phase - Unfunded - Not started	Multimodal	EXST \$									\$0	Vancouver/Columbia	
				SFS \$				\$363,000					\$363,000		
				GRANT \$				\$3,150,000					\$3,150,000		
				TOTAL \$	\$0	\$0	\$0	\$3,513,000	\$0	\$0	\$0	\$0	\$3,513,000		
	Trans-874	5th Street Pedestrian Improvements - Fort Vancouver to Reserve (TRANS-A-241 providing local match) Design Phase - Partially Funded - Not started Right-of-Way Phase - Unfunded - Not started Construction Phase - Unfunded - Not started	Multimodal	EXST \$	*		\$0						\$0	Vancouver/Columbia	
				SFS \$									\$0		
				GRANT \$			\$500,000						\$500,000		
				TOTAL \$	\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000		
			Ongoing												
	TRANS-A-421	Pavement Reconstruction Program	Ongoing	EXST \$									\$0		
				SFS \$			\$500,000	\$600,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$5,500,000		
				GRANT \$									\$0		
				TOTAL \$		\$0	\$500,000	\$600,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$5,500,000		
	TRANS-A-859	Sidewalk Management Program	Ongoing	EXST \$									\$0		
				SFS \$		\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,750,000		
				GRANT \$									\$0		
				TOTAL \$		\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,750,000		
	TRANS-A-860	Project Scoping and Estimation	Ongoing	EXST \$		\$55,000							\$55,000		
				SFS \$									\$0		
				GRANT \$									\$0		
				TOTAL \$		\$55,000	\$0	\$0	\$0	\$0	\$0	\$0	\$55,000		
				EXST \$	Annually =	\$2,695,000	\$1,905,000	\$1,500,000	\$0	\$0	\$0	\$0	EXST \$	6-year Totals	
				SFS \$	Annually =	\$1,200,000	\$3,000,000	\$2,851,000	\$4,390,000	\$6,580,000	\$3,850,000	\$7,450,000	SFS \$	\$6,045,000	
				GRANT \$	Annually =	\$547,000	\$3,389,000	\$8,250,000	\$4,250,000	\$7,095,000	\$3,600,000	\$10,900,000	GRANT \$	\$29,321,000	
				TOTAL \$	Annually =	\$4,387,000	\$8,294,000	\$12,601,000	\$8,640,000	\$13,675,000	\$7,450,000	\$18,350,000	TOTAL \$	\$38,031,000	
														\$76,670,387	

RANK						2018		2023	Scoping Level Estimate	TIF Area old/new
	Project ID	Project Name	Project Type	Phase	Spent to Date (4-1-18)					
UNFUNDED PROJECTS/PROGRAMS										
			Capacity							
	TRANS-274	NE 28th St - NE 142nd Ave to NE 162nd Ave.	Capacity						\$10-12 mill	Evergreen/Pacific
			Total		\$0		No Funding			
	TRANS-279	NE 49th St. - NE 122nd Ave. to NE 137th Ave.	Capacity						\$9-11 mill	Evergreen/Pacific
			Total		\$0		No Funding			
	TRANS-281	NE 18th St - NE 87th Ave to NE 97th Ave	Capacity						\$14-16 mill	Evergreen & East City/ Pacific & Cascade
			Total		\$0		No Funding			
	TRANS-349	NE 18th St - NE 164th Ave to NE 192nd Ave	Capacity						\$18-20 mill	Evergreen & East City/ Pacific & Cascade
			Total		\$0		No Funding			
	TRANS-536	Fruit Valley Rd - 61st St to NW 78th St	Capacity						\$35- 40 mill	Vancouver/Columbia
			Total		\$0		No Funding			
	TRANS-583	NE 87th Ave / Lieser Rd. Realignment	Capacity						\$5-6 mill	Vancouver/Cascade
			Total		\$0		No Funding			
	TRANS-607	NE 192nd Ave - SE 1st St. to NE 18th St.	Capacity						\$20 mill	East City/Cascade
			Total		\$0		No Funding			
	TRANS-680	Columbia Shores Blvd @ Columbia Way	Capacity						\$25-30 mill	Vancouver/Columbia
			Total		\$0		No Funding			
	TRANS-712	NE 59th St - NE 147th Ave to NE 162nd Ave	Capacity						\$7-9 mill	Evergreen/Pacific
			Total		\$0		No Funding			
	TRANS-716	NE 9th St - NE 172nd Ave to NE 192nd Ave	Capacity						\$10-12 mill	East City/Cascade
			Total		\$0		No Funding			
	TRANS-717	NE 182nd Ave - SE 1st St to NE 18th St	Capacity						\$12-14 mill	East City/Cascade
			Total		\$0		No Funding			
	TRANS-718	NE 162nd Ave - SE 1st St to NE 9th St	Capacity						\$11-13 mill	East City/Cascade
			Total		\$0		No Funding			
	TRANS-719	NE 112th Ave - E Mill Plain Blvd. to NE 28th St	Capacity						\$2-3 mill	East City/Cascade
			Total		\$0		No Funding			
	TRANS-816	NW 32nd Ave - SR501 to Whitney	Capacity						\$20 mill	Vancouver/Columbia
			Total		\$0		No Funding			
	TRANS-825	NE 54th St - 15th Avenue to St. James Street	Capacity						\$14 mill	Vancouver/Columbia
			Total		\$0		No Funding			
	TRANS-826	NE 104th Avenue - Mill Plain Blvd. to 14th Street	Capacity						\$10-12 mill	East City/Cascade
			Total		\$0		No Funding			
	TRANS-827	NE 104th Avenue - 14th Street to 18th Street	Capacity						\$10-12 mill	East City/Cascade
			Total		\$0		No Funding			
	TRANS-834	NE 9th St. - Broadway to "C"	Capacity						\$2-3 mill	Vancouver/Columbia
			Total		\$0		No Funding			
			Traffic							
	TRANS-363	SE 136th Ave. and SE 7th St.	Traffic	PSE	\$0				\$0.2-0.5 mill	East City/Cascade
			Total		\$0		No Funding			
	TRANS-720	136th/137th Ave - E Mill Plain Blvd to E 28th St	Traffic	PSE	\$0				\$1-2 mill	Evergreen & East City/ Pacific & Cascade
			Total		\$0		No Funding			
	TRANS-722	St Johns Blvd. @ NE 68th St	Traffic	PSE	\$0				\$0.5-1 mill	Vancouver/Columbia
			Total		\$0		No Funding			
	TRANS-723	SE 20th St @ SE 176th Ave	Traffic	PSE	\$0				\$0.5-1 mill	East City/Cascade
			Total		\$0		No Funding			
	TRANS-818	NE Burton/28th Street - NE Andresen Rd to NE 138th Ave	Traffic	PSE	\$0				\$1-2 mill	Evergreen/Pacific
			Total		\$0		No Funding			
	TRANS-819	NW Fruit Valley Rd @ La Frambois	Traffic	PSE	\$0				\$0.5-1 mill	Vancouver/Columbia
			Total		\$0		No Funding			
	TRANS-839	152nd Avenue & 4th Plain Blvd. Signal	Traffic	PSE	\$0				\$0.5-1 mill	Evergreen/Pacific
			Total		\$0		No Funding			
	TRANS-847	164th Avenue & Mill Plain intersection improvements	Traffic	PSE	\$0				\$0.5-1 mill	East City/Cascade
			Total		\$0		No Funding			
	TRANS-848	164th Avenue & SE 12th Street intersection improvements	Traffic	PSE	\$0				\$0.5-1 mill	East City/Cascade
			Total		\$0		No Funding			
	TRANS-851	192nd Avenue & NE 13th Street intersection improvements	Traffic	PSE	\$0				\$0.3-0.5 mill	East City/Cascade
			Total		\$0		No Funding			
	TRANS-856	NE 18th Street and 172nd Avenue Intersection Improvements	Traffic	PSE	\$0				\$0.3-0.5 mill	East City/Cascade
			Total		\$0		No Funding			
	TRANS-866	W Fourth Plain and Franklin Signal	Traffic	PSE	\$0				\$0.3-0.5 mill	Citywide
			Total		\$0		No Funding			
	TRANS-867	NE 162nd and NE 34th Signal	Traffic	PSE	\$0				\$0.3-0.5 mill	Citywide
			Total		\$0		No Funding			
	TRANS-868	St. Johns and Fort Vancouver Way Intersection Improvements	Traffic	PSE	\$0				\$0.3-0.5 mill	Citywide
			Total		\$0		No Funding			
	TRANS-869	Annual Street Light Program	Traffic	PSE	\$0					Citywide
			Total		\$0		No Funding			

						2018	↔	2023		
RANK	Project ID	Project Name	Project Type	Phase	Spent to Date (4-1-18)				Scoping Level Estimate	TIF Area old/new
UNFUNDED PROJECTS/PROGRAMS										
			<u>Multimodal</u>							
	TRANS-258	E. Fourth Plain Blvd. - Ft Vancouver Way to NE Andresen Rd.	Multimodal	PSE	\$0				\$2-3 mill	Vancouver/Columbia
				Total	\$0	← No Funding →				
	TRANS-495	Main St Reconstruction - 5th St to 15th Street	Multimodal	PSE	\$0				\$11-13 mill	Vancouver/Columbia
				Total	\$0	← No Funding →				
	TRANS-742	Evergreen Hwy Pathway - SE 164th Ave to E. city limits	Multimodal	PSE	\$0				\$7 mill	East City/Cascade
				Total	\$0	← No Funding →				
	TRANS-857	SE 10th Street Sidewalks - 98th Avenue to Ellsworth Road	Multimodal	PSE	\$0				\$1-2 mill	Evergreen/Pacific
				Total	\$0	← No Funding →				
	TRANS-861	Westside Bike Mobility	Multimodal	PSE	\$0				\$3 mill	Vancouver/Columbia
				Total	\$0	← No Funding →				
	TRANS-873	Main Street Road Diet - Fourth Plain Blvd to 39th St	Multimodal	PSE	\$0				\$0.5-1 mill	Vancouver/Columbia
				Total	\$0	← No Funding →				
			<u>Other</u>							
	TRANS-836	Evergreen Blvd. Bridge over Blandford	Safety	PSE	\$0				\$15-20 mill	Vancouver/Columbia
				Total	\$0	← No Funding →				
	TRANS-838	Evergreen Highway Pavement Project (Scope and extent of this project is under review)	Reconstruction	PSE	\$0				\$40-50 mill	East City/Cascade
				Total	\$0	← No Funding →				
						Project unfunded =>			\$400 mill	





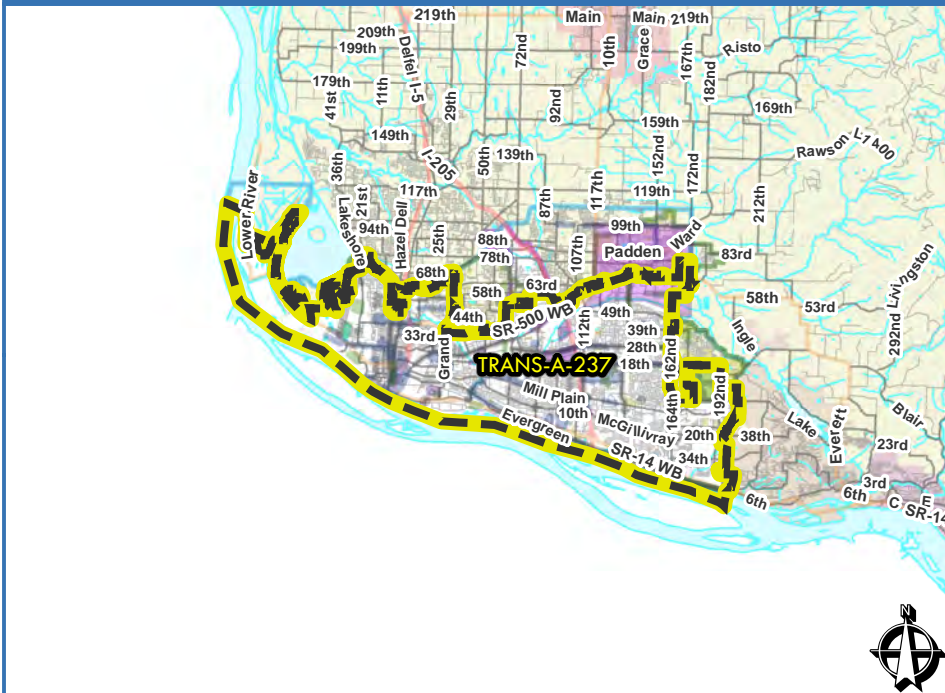
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **TRAFFIC SIGNAL SUSTAINABILITY**

PROJECT EXTENT: **CITYWIDE**

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Ongoing
Project Status:	Ongoing
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Ongoing updating of traffic signals at locations throughout the City. May include but is not limited to adding left-turn phasing, signal heads, pedestrian push-button and detectors, as well as removing an operation, changing detector setup or other improvements. Sub projects for 2018 include: 4th Plain and St. Johns Accessible Pedestrian Signal Upgrade (Trans-863); St. James and 42nd St. Signal (Trans-864); and Columbia and 13th St. Signal (Trans-865).

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Funded
Existing Funds:	Yes
SFS Funds:	Yes
Grant Funds:	No
Total Proj. Cost:	
*Start of Construction (Year):	Ongoing

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



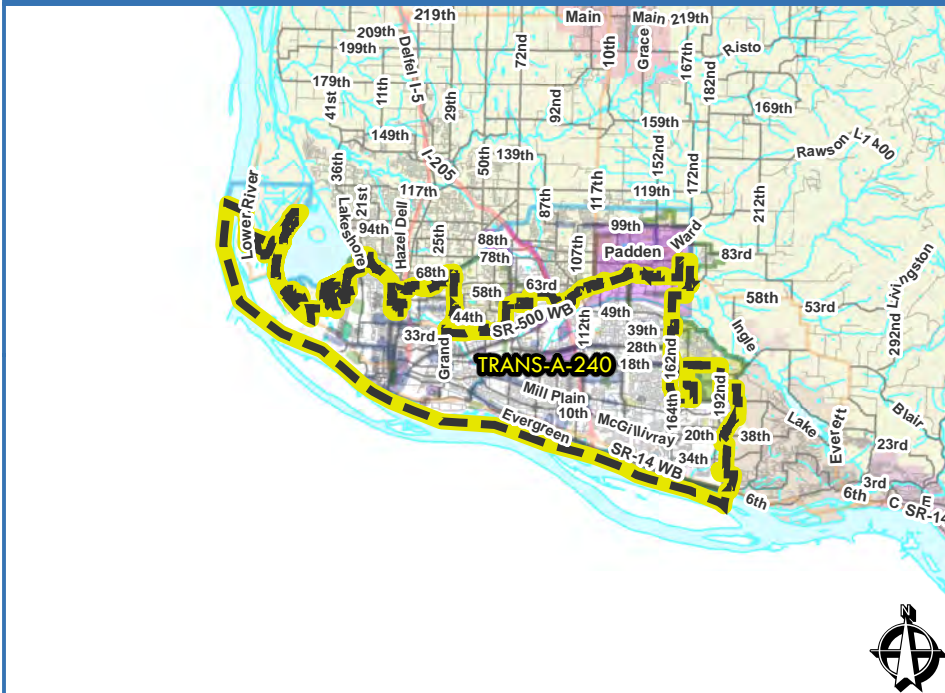
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NEIGHBORHOOD TRAFFIC MANAGEMENT**

PROJECT EXTENT: **CITYWIDE**

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Ongoing
Project Status:	Ongoing
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Ongoing projects through the Neighborhood Traffic Management Program to provide for traffic calming and control. These include projects that increase education/awareness to reduce speeding impacts, as well as projects that address pedestrian/bicycle safety, sight restrictions, parking and other issues, for neighborhood livability and mobility. Sub projects for 2018 include: NE 39th St. speed cushions (\$124k); Nicholson Road speed cushions (\$92k); NE 97th Ave. speed radar feedback signs (\$27k); NW Lincoln Ave. speed radar feedback signs (\$27k); Fourth Plain Blvd. speed radar feedback signs (\$14k).

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Funded
Existing Funds:	Yes
SFS Funds:	Yes
Grant Funds:	No
Total Proj. Cost:	\$0.00
*Start of Construction (Year):	Ongoing

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



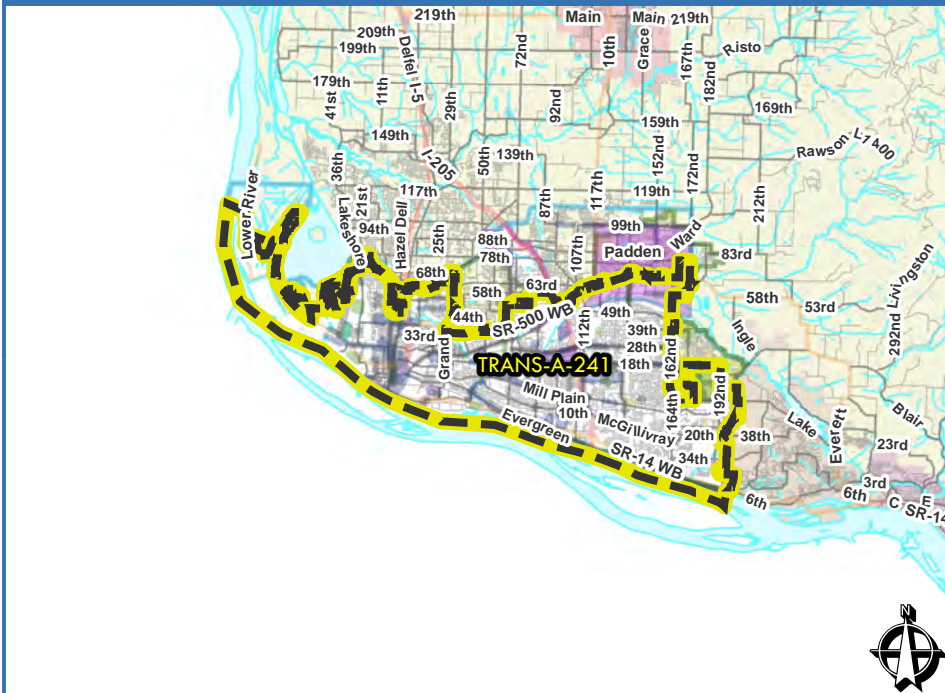
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **PAVEMENT PRESERVATION PROGRAM**

PROJECT EXTENT: **CITYWIDE**

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Ongoing
Project Status:	Ongoing
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Ongoing effort to improve and maintain pavement surfaces through surface overlay, microsurfacing and slurry treatments at multiple locations citywide. Upgrades may include new ADA ramps, traffic striping and markings. City's more than 1,800 lane miles of streets are carefully inspected and evaluated to determine most cost-effective means to preserve pavement and manage resources. Received NHS federal grants for 164th - Mill Plain to 18th (\$1,003,000) and Mill Plain - I-5 to Grand (\$665,000).

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

Funding Status:	Funded
Existing Funds:	Yes
SFS Funds:	Yes
Grant Funds:	No
Total Proj. Cost:	
*Start of Construction (Year):	Ongoing

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



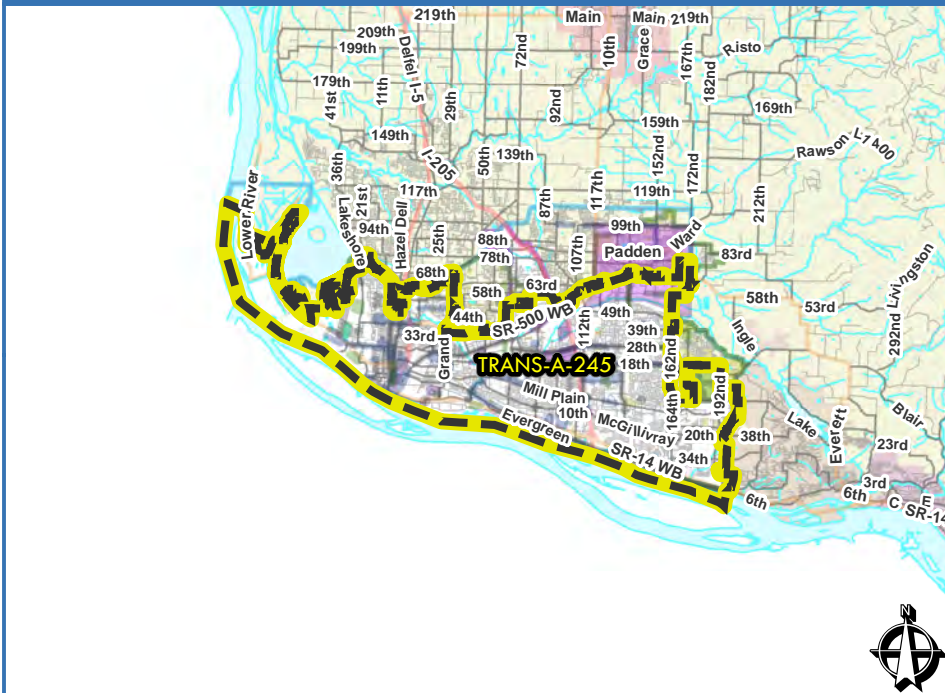
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **BRIDGE INSPECTION PROGRAM**

PROJECT EXTENT: **CITY-OWNED BRIDGES CITYWIDE**

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Ongoing
Project Status:	Ongoing
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Ongoing citywide inspection and maintenance of the City's bridges to meet state and federal regulations.

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Funded
Existing Funds:	Yes
SFS Funds:	No
Grant Funds:	No
Total Proj. Cost:	
*Start of Construction (Year):	Ongoing

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



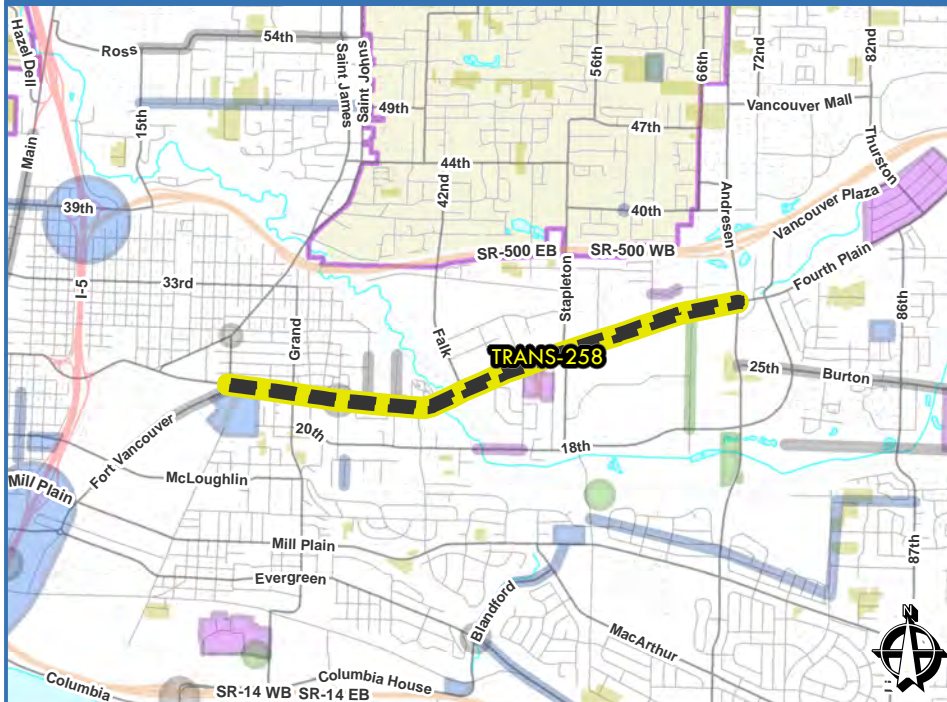
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **E. FOURTH PLAIN BLVD. - FT VANCOUVER WAY TO NE ANDRESEN RD.**

PROJECT EXTENT: **FT VANCOUVER WAY**

TO: **NE ANDRESEN RD**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Enhancement
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Upgrade of sidewalks and street lights identified as safety priority in Fourth Plain Sub-Area Plan. Improvements include wider sidewalks, upgraded street lights and street trees.

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$2,000,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



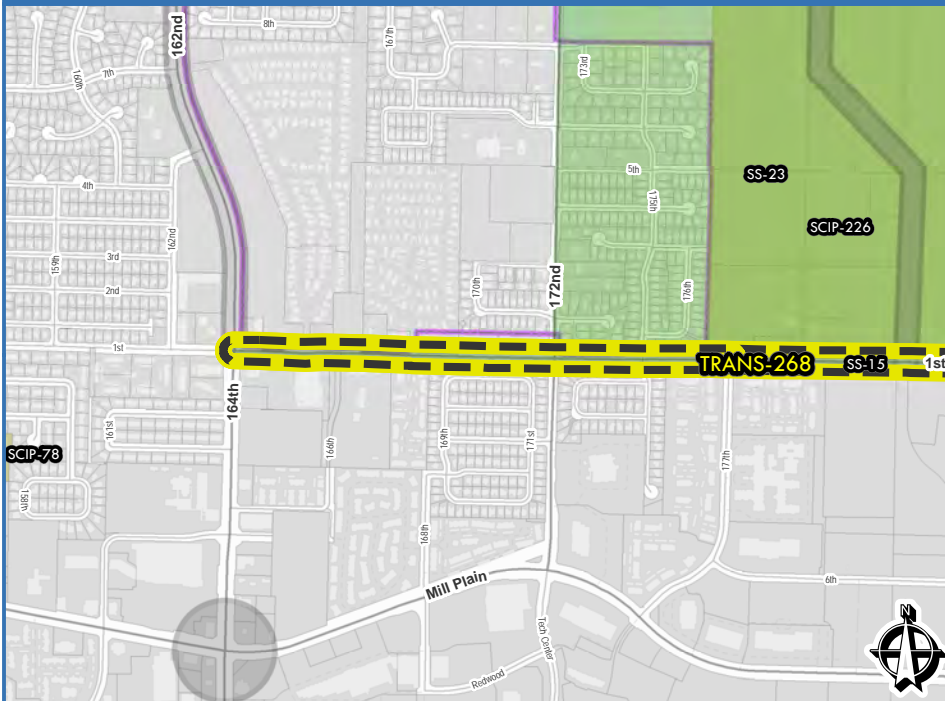
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **SE 1ST ST - SE 164TH AVE TO SE 177TH AVE**

PROJECT EXTENT: **SE 164TH AVE**

TO: **SE 177TH AVE**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	In Design
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Urban arterial upgrade of existing 2-lane rural road to increase safety, mobility and livability, and meet future subarea needs. Roadway cross section varies with 3 and 5-lane segments. Improvements include sidewalks, bike facilities, stormwater, streetlights and sound walls. Anticipated funding of west portion (164th-177th avenues) by SFS \$ and potential grants. Anticipated funding of east portion (177th to 192nd) by developer contributions, local funds and potential grants. Cost estimates shown here are for west only.

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

Funding Status:	Funded
Existing Funds:	Yes
SFS Funds:	Yes
Grant Funds:	Potential
Total Proj. Cost:	\$12,000,000.00
*Start of Construction (Year): 2019 (est)	

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



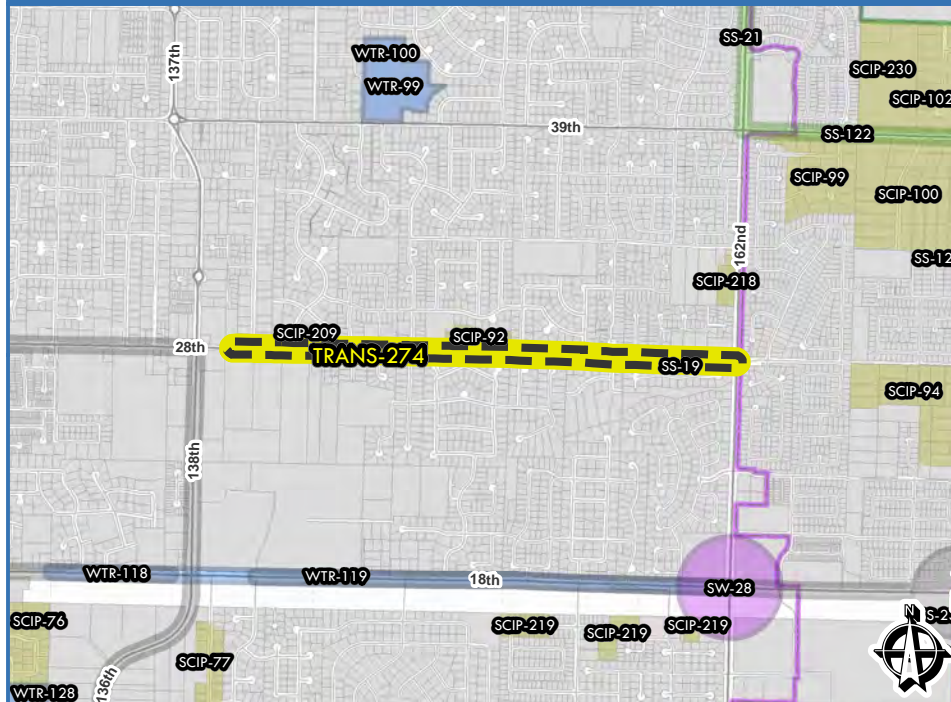
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 28TH ST - NE 142ND AVE TO NE 162ND AVE.**

PROJECT EXTENT: **NE 142ND AVE**

TO: **NE 162ND AVE**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

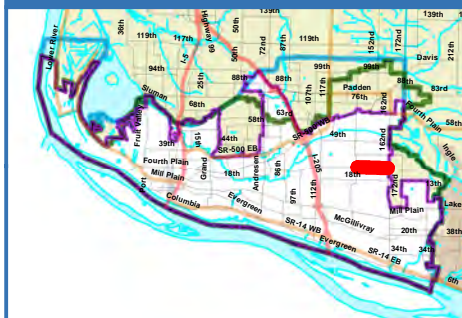
Project Description / Comments

Upgrade of existing 2-lane former rural road to urban 3-lane minor arterial (1 lane each direction plus center turn lane) with sidewalks, bike facilities, streetlights, signals, school crossings, stormwater and sound walls where required. Project addresses capacity and improves pavement and safety conditions.

LEGEND

	Project Area		Water Project Areas		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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$9,750,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



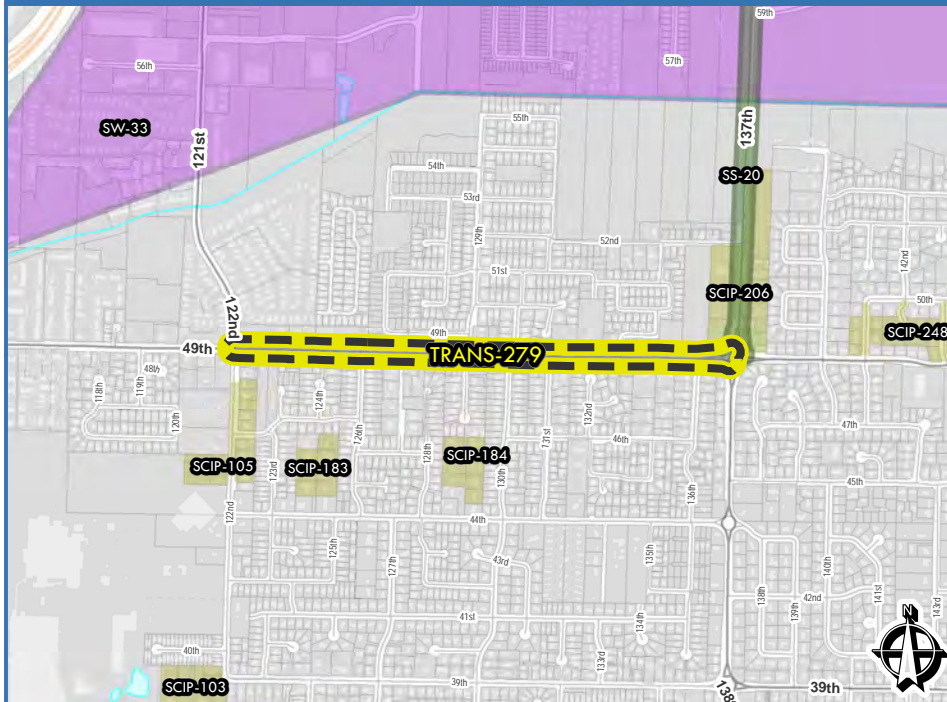
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 49TH ST - NE 122ND AVE TO NE 137TH AVE**

PROJECT EXTENT: **NE 122ND AVE**

TO: **NE 137TH AVE**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

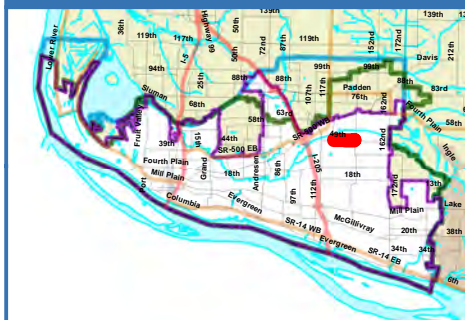
Project Description / Comments

Upgrade of existing 2-lane street to 3-lane urban minor arterial (1 lane each direction and turn lane) with sidewalks, bike facilities and streetlights.

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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$8,700,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



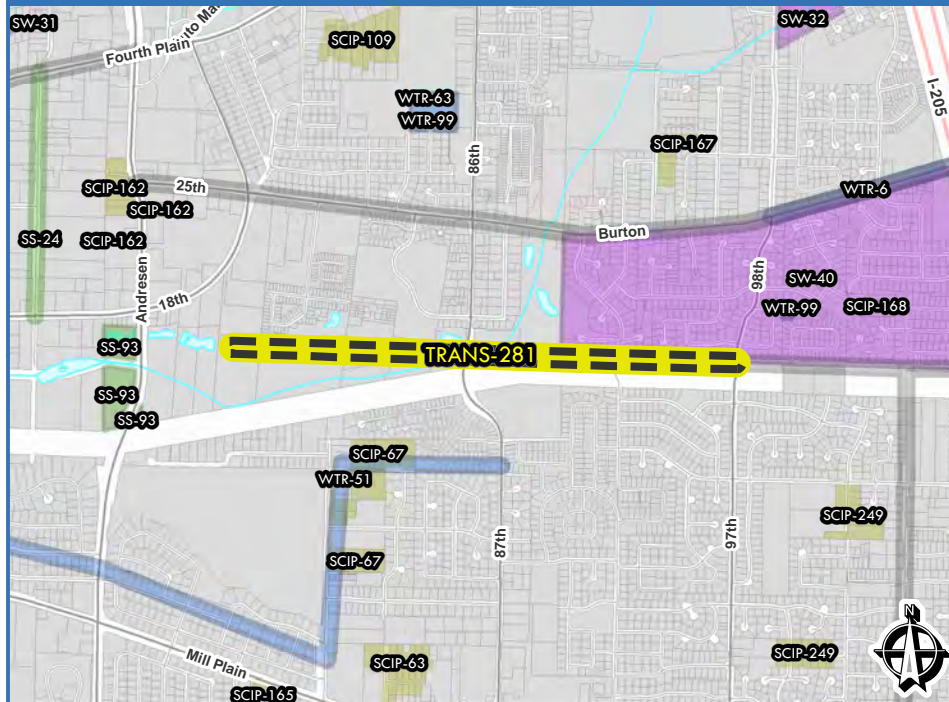
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 18TH ST - NE 87TH AVE TO NE 97TH AVE**

PROJECT EXTENT: **NE 87TH AVE**

TO: **NE 97TH AVE**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

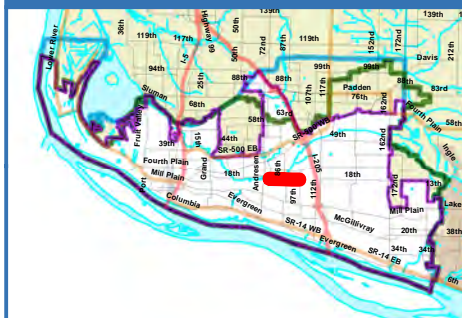
Project Description / Comments

Long-planned construction of new minor arterial street (1 lane each direction plus turn lane) with bike facilities, streetlights, sound walls, a sidewalk on north side and shared use pathway on south side of street. Project provides planned east-west circulation.

LEGEND

	Project Area		Water Project Areas		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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$14,200,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



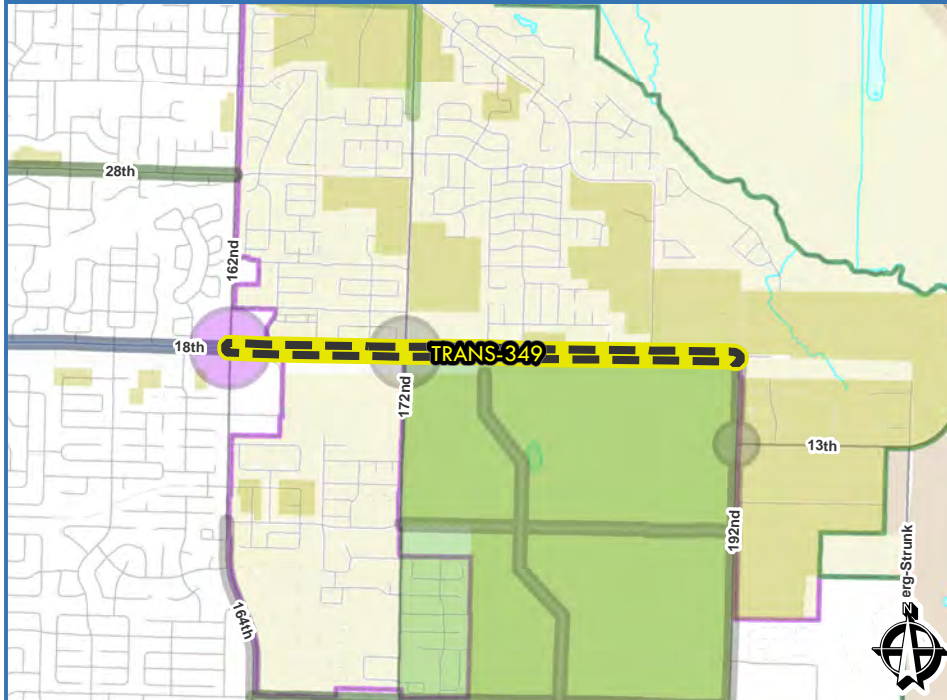
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 18TH ST - NE 164TH AVE TO NE 192ND AVE**

PROJECT EXTENT: **NE 164TH AVE**

TO: **NE 192ND AVE**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Long-planned upgrade of 2-lane principal arterial, originally at rural standards, to increase safety and improve service levels. Improvements include additional travel lanes, bike facilities, streetlights, sound walls, sidewalk on north side and shared use pathway on south side of street.

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$18,250,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



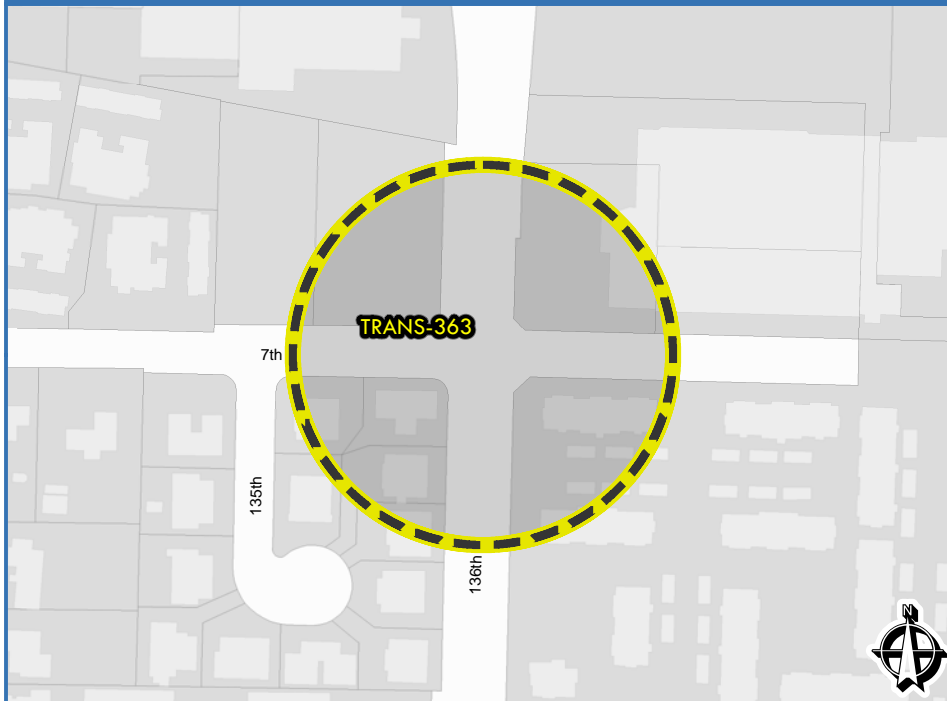
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **SE 136TH AVE @ SE 7TH ST**

PROJECT EXTENT:

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	On Hold
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Installation of new traffic signal to improve service and multimodal safety. Includes ADA ramps and streetlights and provides potentially high safety benefits. Design and ROW are fully funded, and city is seeking grants for construction.

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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



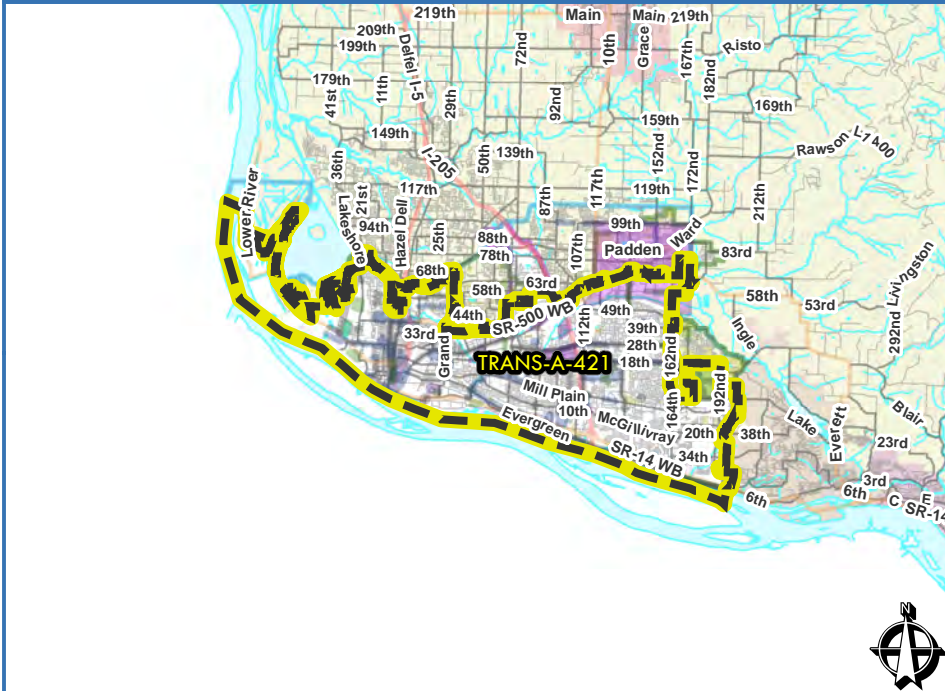
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **PAVEMENT RECONSTRUCTION PROGRAM**

PROJECT EXTENT: **CITYWIDE**

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Ongoing
Project Status:	Future
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Major pavement and roadway reconstruction of failed pavement on existing streets at various locations citywide. Of Vancouver's 1,810 lane miles, approx 185 lane miles were rated 'failed' in 2016. Currently no annual budget, but new SFS \$ begins to partially fund the program starting in 2019.

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Funded
Existing Funds:	No
SFS Funds:	Yes
Grant Funds:	No
Total Proj. Cost:	\$0.00
*Start of Construction (Year):	2019

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



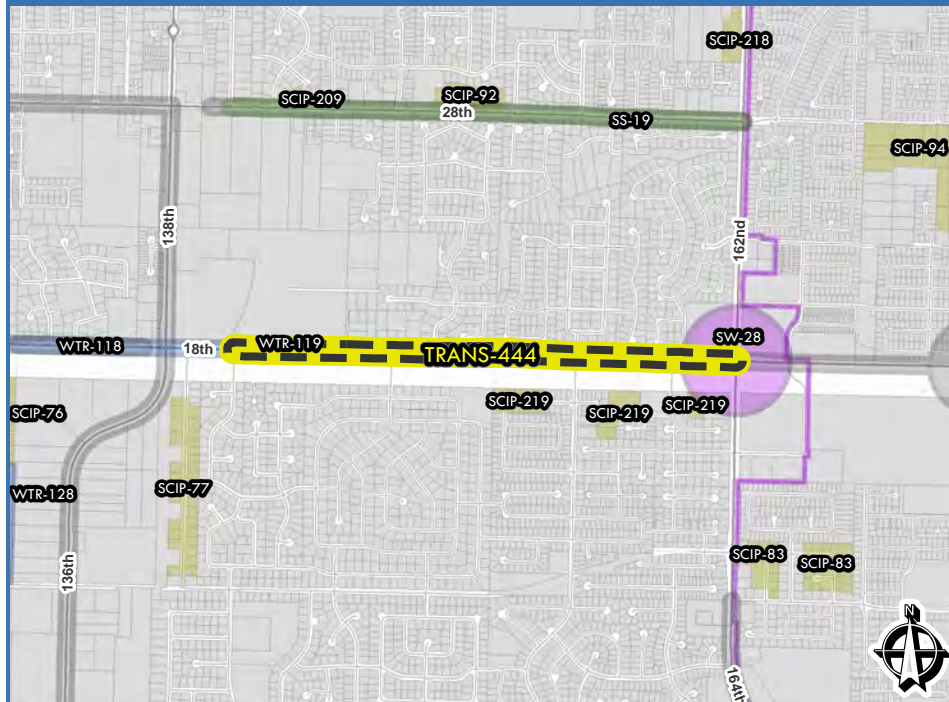
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 18TH ST - NE 142ND AVE TO NE 162ND AVE**

PROJECT EXTENT: **NE 142ND AVE**

TO: **NE 162ND AVE**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Long-planned urban upgrade of 2-lane road to principal arterial standards. originally built at rural standards to improve service and safety. Improvements include 5-lane principal arterial (2 lanes each direction plus turn lane) with bike facilities, streetlights, sound walls, sidewalk on north side and shared use pathway on south side of street.

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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$19,600,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



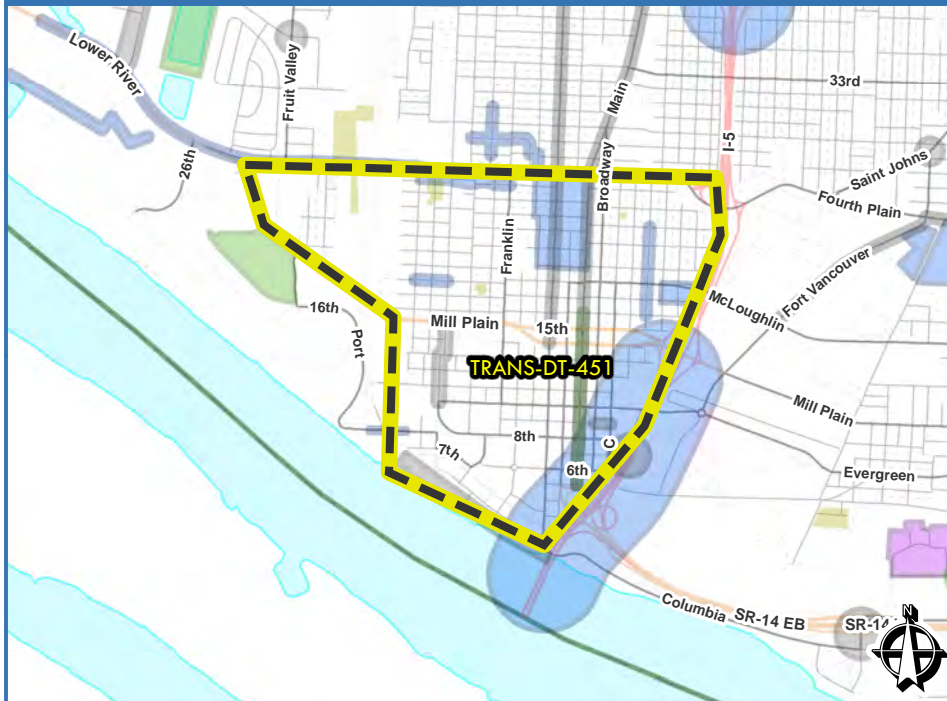
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **DESTINATION DOWNTOWN TDM**

PROJECT EXTENT:

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	Ongoing
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Downtown-focused transportation demand management program, supporting City Center Vision, commute trip reduction and transportation efficiency. Includes employer outreach, commuter training, bike, sidewalk and ADA facilities and program incentives.

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





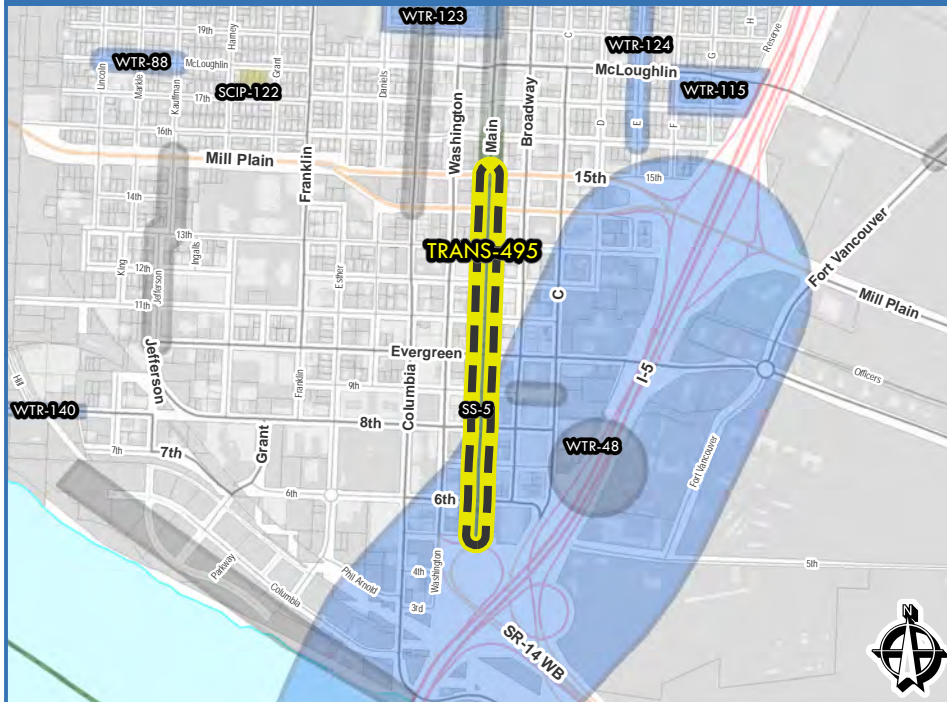
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **MAIN ST RECONSTRUCTION - 5TH ST TO 15TH STREET**

PROJECT EXTENT: **5TH ST**

TO: 15TH ST

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Enhancement
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Improve safety with complete reconstruction of pavement and sidewalks, a priority of City Center Vision. Project includes upgraded streetlights and pedestrian amenities.

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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$11,150,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



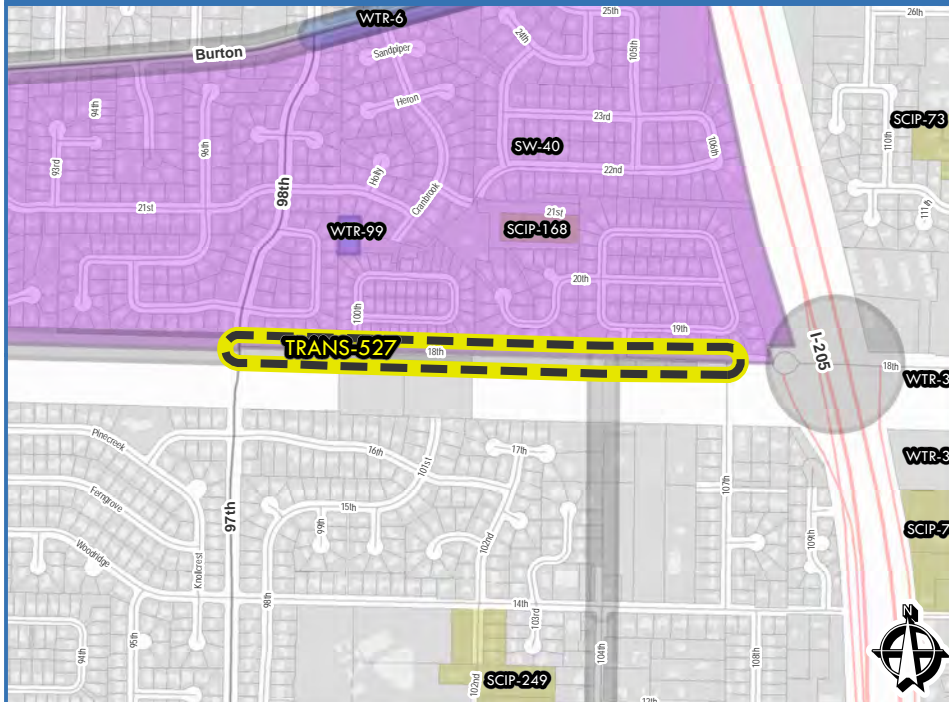
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 18TH ST - NE 97TH AVE TO NE 107TH AVENUE**

PROJECT EXTENT: **NE 97TH AVE**

TO: **NE 107TH AVE**

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:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Partially Funded

PROJECT DESCRIPTION

Project Description / Comments

Long-planned new principal arterial street and upgrade of existing segments to current arterial standards including travel lanes, turn lane, bike facilities, streetlights, sound walls, sidewalk on one side of street and shared use pathway on other. Note: WSDOT will open a new I-205 interchange at NE 18th Street in 2016. Design and right-of-way phases are funded. Construction is unfunded.

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Partially Funded
Existing Funds:	Yes
SFS Funds:	Yes
Grant Funds:	Potential
Total Proj. Cost:	\$13,500,000.00
*Start of Construction (Year): 2022 (Est)	

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



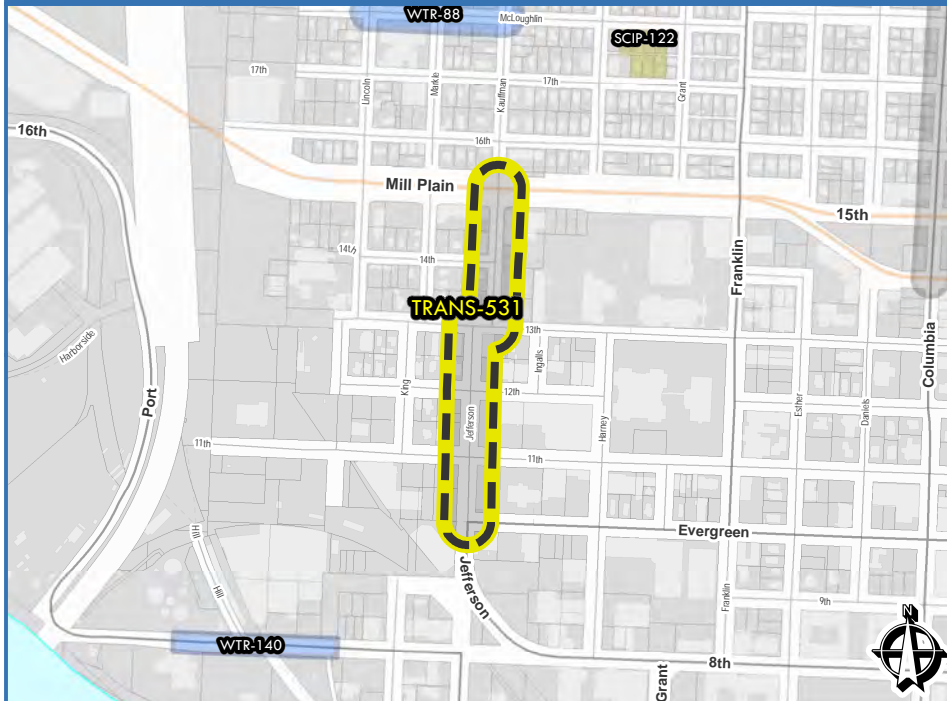
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **JEFFERSON ST - W EVERGREEN TO W MILL PLAIN BLVD**

PROJECT EXTENT: **8TH ST**

TO: 13TH ST

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	In Design
Funding Status:	Partially Funded

PROJECT DESCRIPTION

Project Description / Comments

Upgrade of a priority westside arterial circulation route with realignment of Jefferson/Kauffman at 13th St. Projects include 3 lanes (1 lane each direction and turn lane), ADA ramps, sidewalk repair, bike facilities and streetlights, with potential for high safety benefits. Design phase and right-of-way phases are funded. Construction phase unfunded.

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

Funding Status:	Partially Funded
Existing Funds:	Yes
SFS Funds:	Yes
Grant Funds:	Potential
Total Proj. Cost:	\$11,000,000.00
*Start of Construction (Year):	Uncertain

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



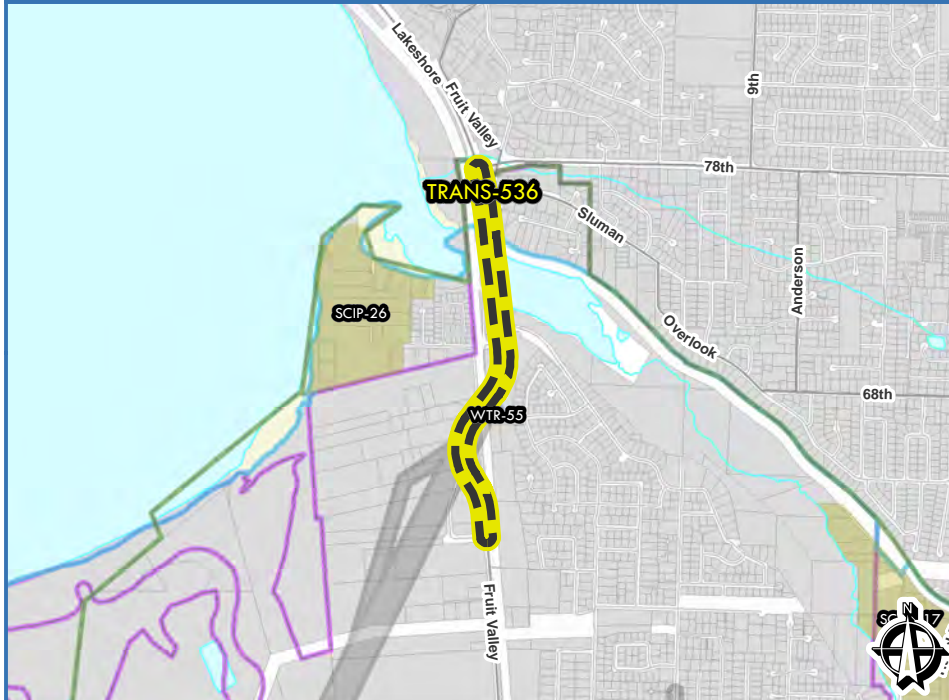
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **FRUIT VALLEY RD - 61ST ST TO NW 78TH ST**

PROJECT EXTENT: **WHITNEY RD**

TO: **NW 78TH ST**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Upgrade of substandard 2-lane road to full urban principal arterial (1 lane each direction plus center turn lane) to improve safety, mobility and traffic conditions. Project includes sidewalks, bike facilities, streetlights and replacement of existing substandard bridge over railroad tracks. The Westside Mobility Study recommends this project be constructed to help move people, freight, and goods.

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

Funding Status:	Unfunded
Existing Funds:	Potential
SFS Funds:	Potential
Grant Funds:	Potential
Total Proj. Cost:	\$34,100,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



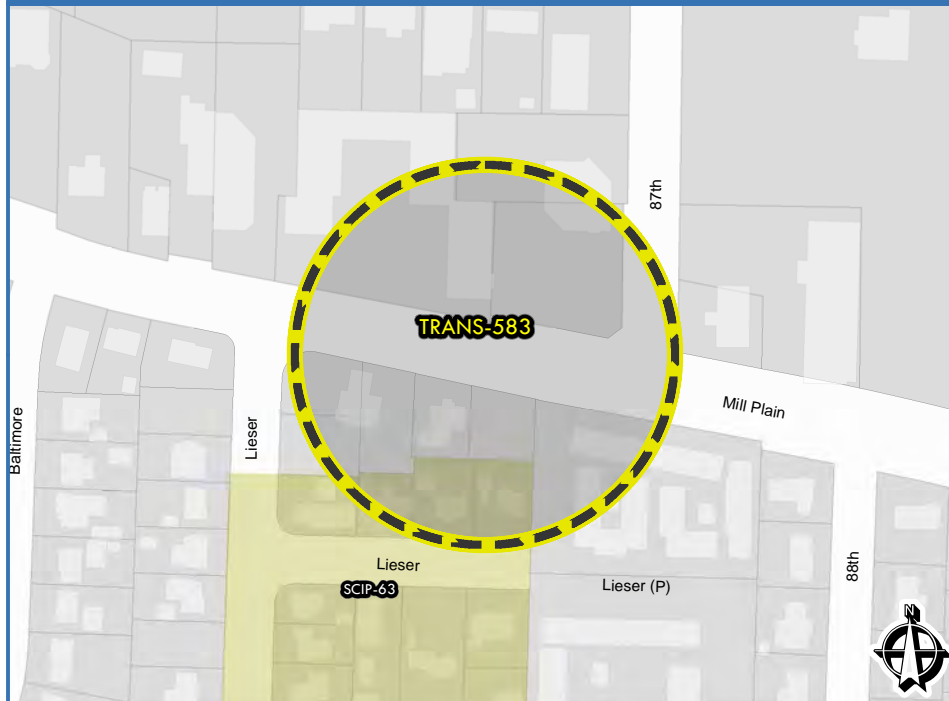
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 87TH AVE / LIESER RD. REALIGNMENT**

PROJECT EXTENT: **LIESER RD.**

TO: **EAST 5TH ST.**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Intersection modifications along E. Mill Plain Blvd. at NE 87th Ave. and Lieser Rd to improve capacity and safety at these offset intersections. Scope of project is undefined.

LEGEND

	Project Area		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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$5,000,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



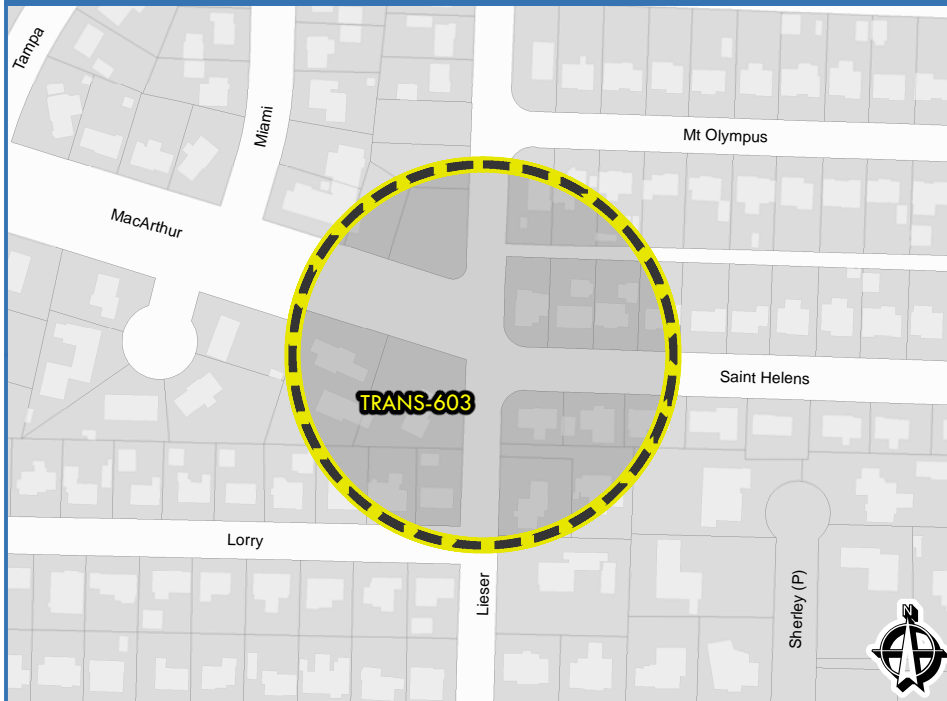
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **LIESER RD @ MACARTHUR ST. INTERSECTION**

PROJECT EXTENT: **MACARTHUR ST. INTERSECTION**

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	Future
Funding Status:	Partially Funded

PROJECT DESCRIPTION

Project Description / Comments

Intersection modification of existing 4-way-stop intersection operating at near maximum capacity. Improvements include new traffic signal, upgraded sidewalks, ADA ramps and streetlights to improve traffic system, safety, mobility and accessibility

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

Funding Status:	Partially Funded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$1,075,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



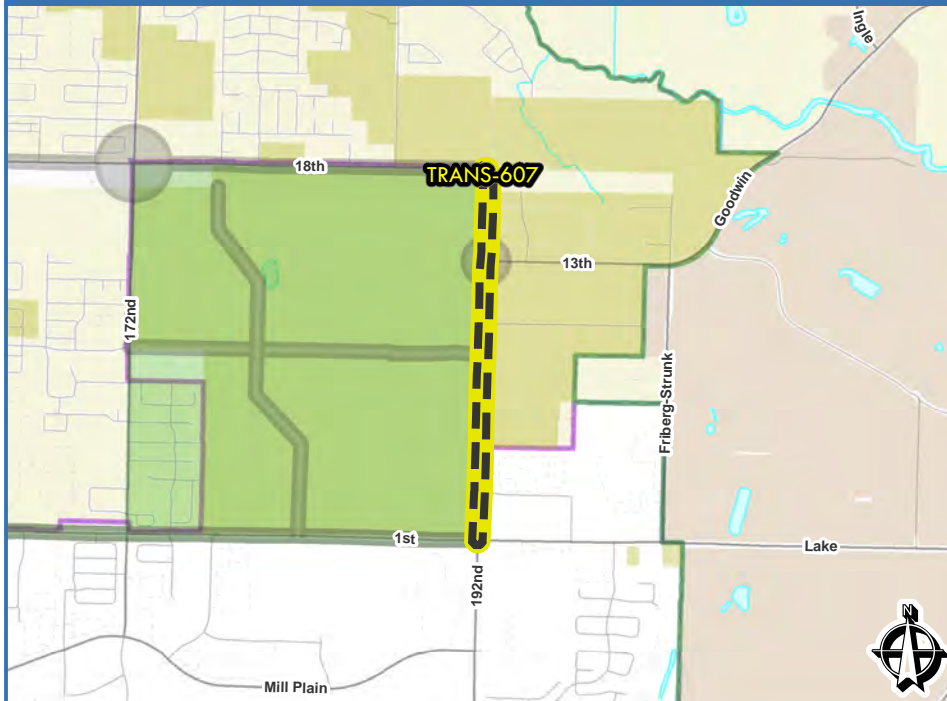
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 192ND AVE - SE 1ST ST. TO NE 18TH ST.**

PROJECT EXTENT: **SE 1ST ST**

TO: **NE 18TH ST**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Urban upgrade of existing 2-lane street. Improvements include additional travel lanes, sidewalks, bike facilities, ADA ramps and streetlights to improve system, safety, mobility and accessibility.

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$20,000,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



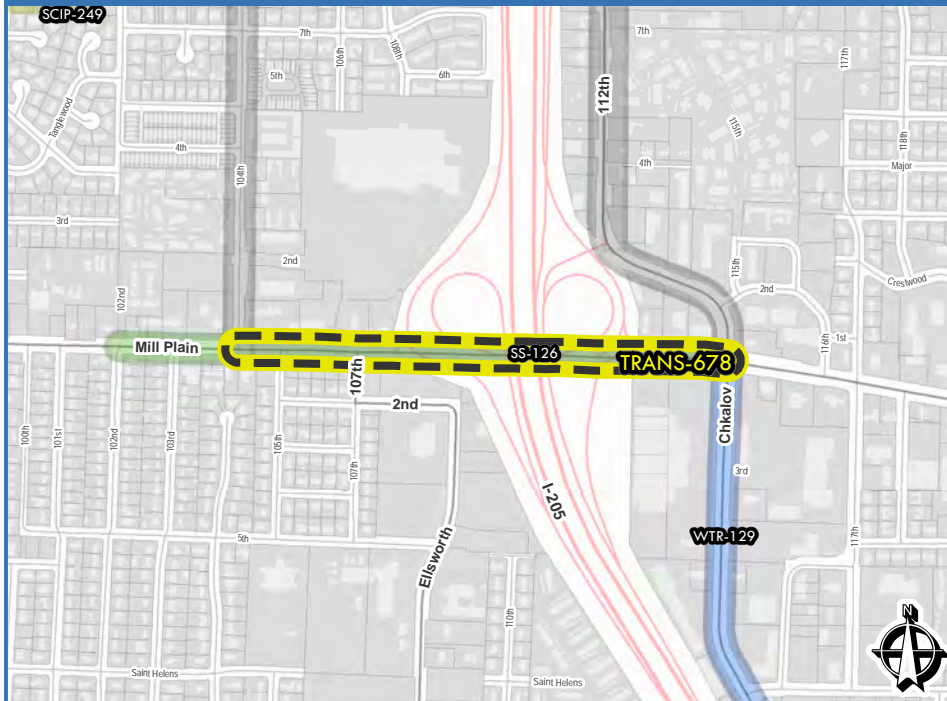
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: E MILL PLAIN BLVD. - 104TH AVE TO CHKALOV

PROJECT EXTENT: **NE 104TH AVE**

TO: **CHKALOV**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	In ROW
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Roadway, traffic signal, access and southbound I-205 onramp modifications to enhance safety and minimize delays. Includes realignment of SE 104th Ave to SE 2nd St, modification of access at SE 105th Ave, closure of NE 107th Ave access to Mill Plain, improved ADA and pedestrian facilities, street lights, pavement restoration and transit stop.

LEGEND



VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Funded
Existing Funds:	Yes
SFS Funds:	No
Grant Funds:	Yes
Total Proj. Cost:	\$4,500,000.00
*Start of Construction (Year):	2018



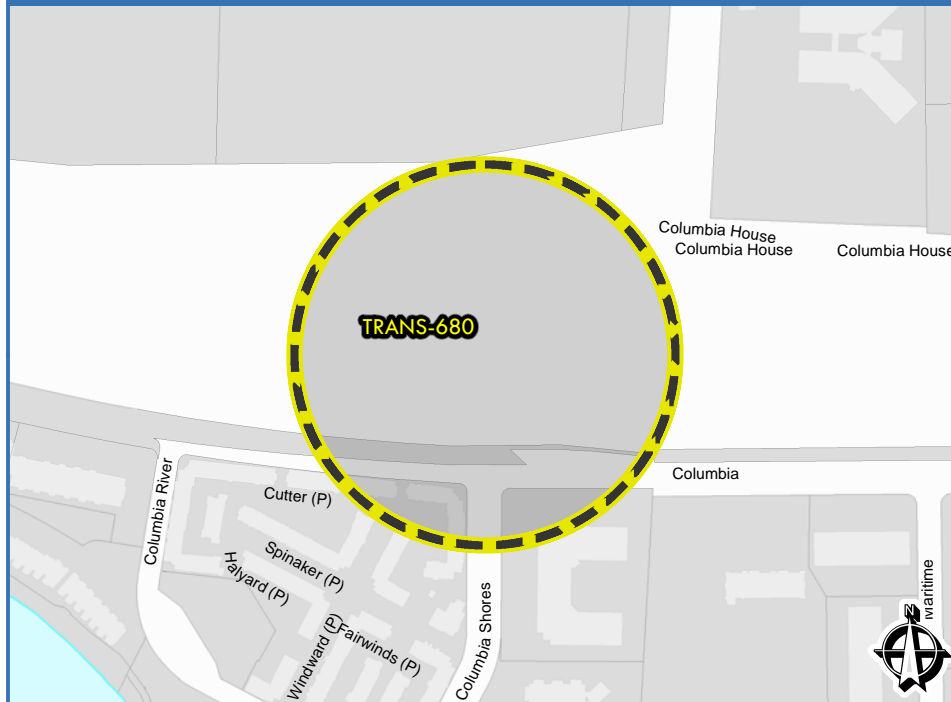
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **COLUMBIA SHORES BLVD @ COLUMBIA WAY - BNSF UNDERCROSSING WIDENING**

PROJECT EXTENT: **RR UNDERCROSSING PORTAL**

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

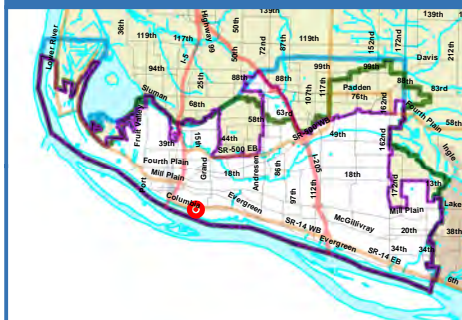
Project Description / Comments

Project to widen existing railroad undercrossing portal and improve Columbia Shores/Columbia Way intersection to address service levels and increase pedestrian and bike access. Total scope of project is undefined.

LEGEND

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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$25,000,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



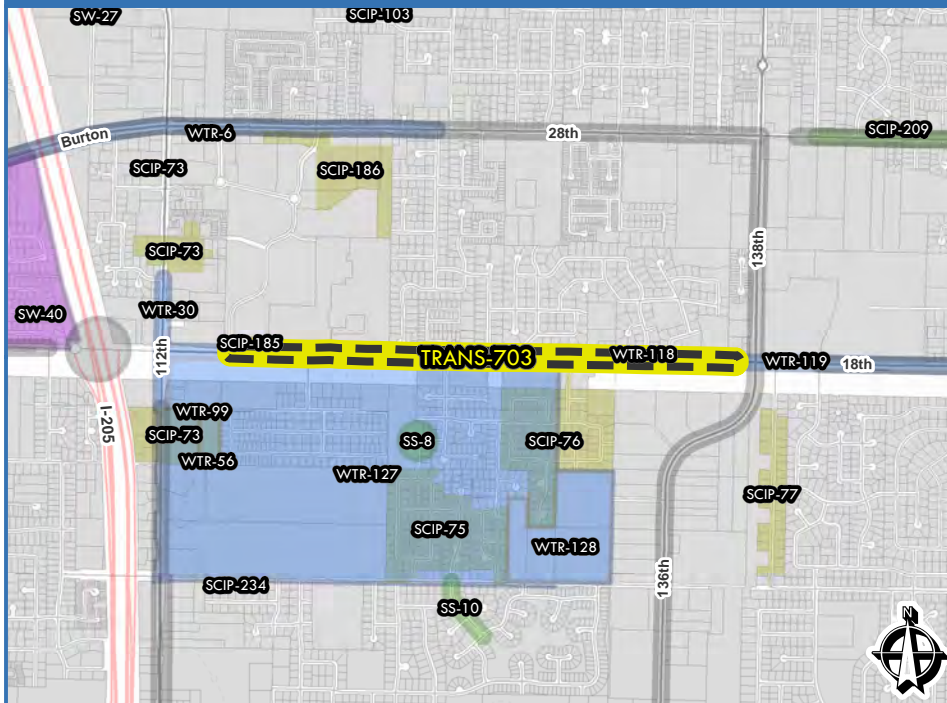
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 18TH ST - FOUR SEASONS LANE TO NE 138TH AVE**

PROJECT EXTENT: **FOUR SEASONS LANE**

TO: **138TH AVE**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	In Construction
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Provides multi-modal east/west connection, enhances safety and alleviates traffic congestion on nearby streets. Construction is fully funded. Work expected to be complete in 2018. Long-planned urban upgrade of existing rural-standard 2-lane roadway. Improvements to this principal arterial street include 5 lanes (2 lanes each direction plus turn lane), new bike and pedestrian facilities, streetlights, sound walls and frontage road.

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

Funding Status:	Funded
Existing Funds:	Yes
SFS Funds:	No
Grant Funds:	Yes
Total Proj. Cost:	\$13,000,000.00
*Start of Construction (Year):	2017

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



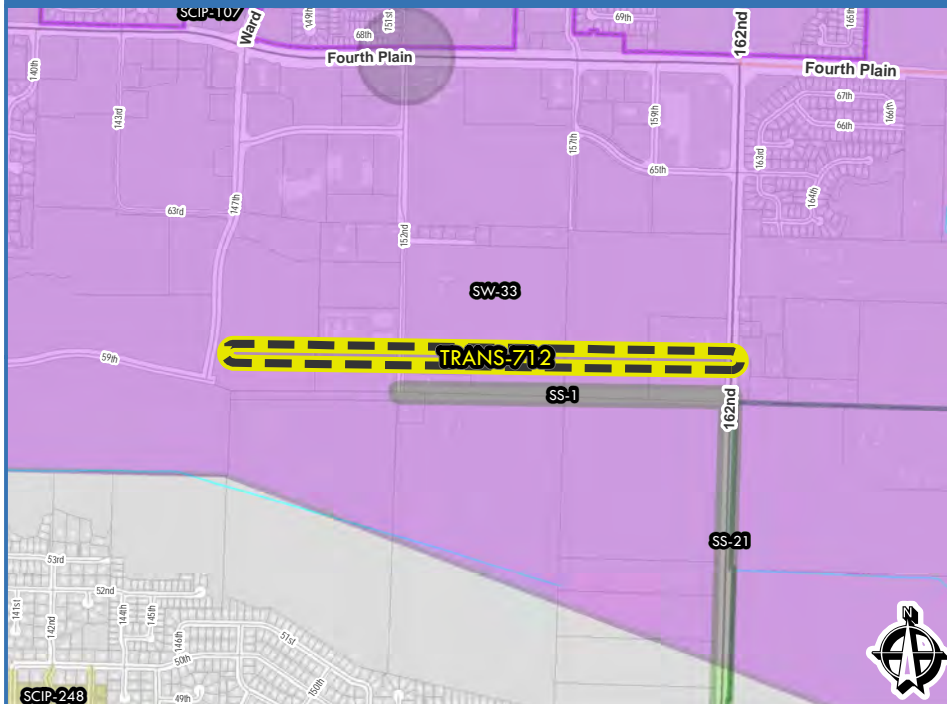
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 59TH ST - NE 147TH AVE TO NE 162ND AVE**

PROJECT EXTENT: **NE 147TH AVE**

TO: **NE 162ND AVE**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

New minor arterial street (1 lane each direction plus turn lane) with sidewalks, bike facilities, streetlights and surface water treatment. Project will address circulation needs, improve safety, mobility, accessibility and stormwater management.

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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$7,450,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



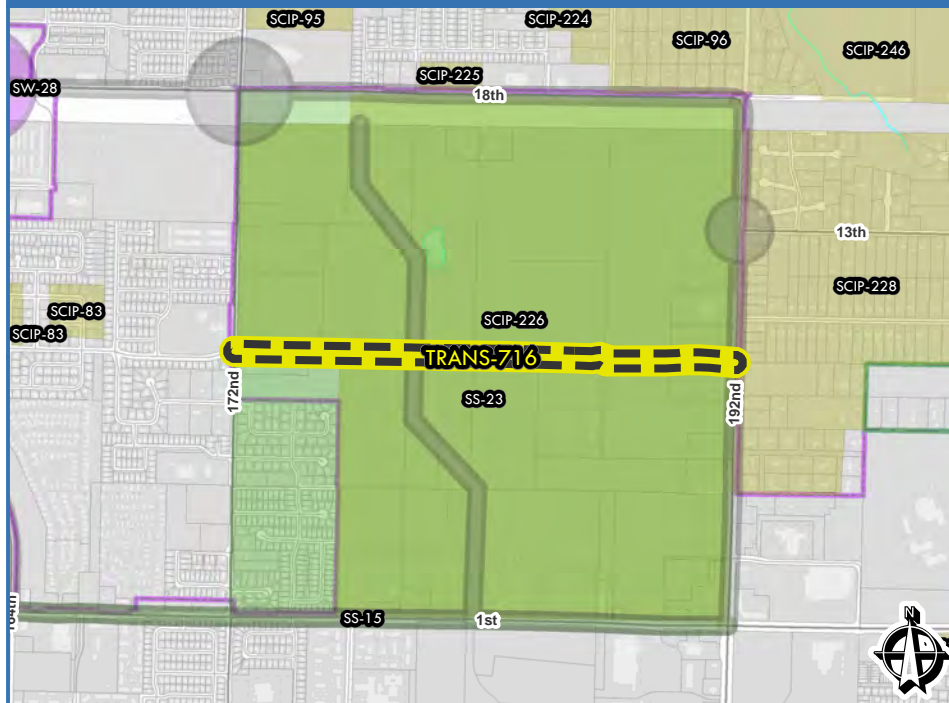
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 9TH ST - NE 172ND AVE TO NE 192ND AVE**

PROJECT EXTENT: **NE 172ND AVE**

TO: **NE 192ND AVE**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

New urban collector street (1 lane each direction plus turn lane), including sidewalks, bike facilities, streetlights. This priority east-west circulation route in part of Section 30 Sub Area Plan concept.

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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$10,000,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



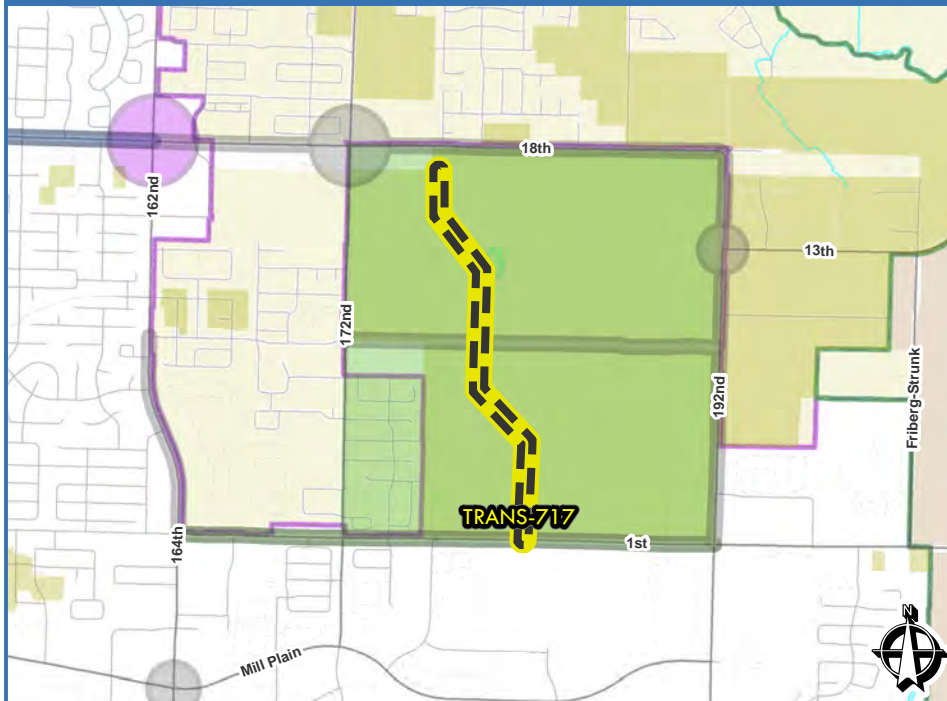
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 182ND AVE - SE 1ST ST TO NE 18TH ST**

PROJECT EXTENT: **SE 1ST ST**

TO: **NE 18TH ST**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

New urban collector street (1 lane each direction plus turn lane), including sidewalks, bike facilities and streetlights. Roadway weaves north/south thru site and is part of Section 30 Sub Area Plan concept.

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$12,000,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



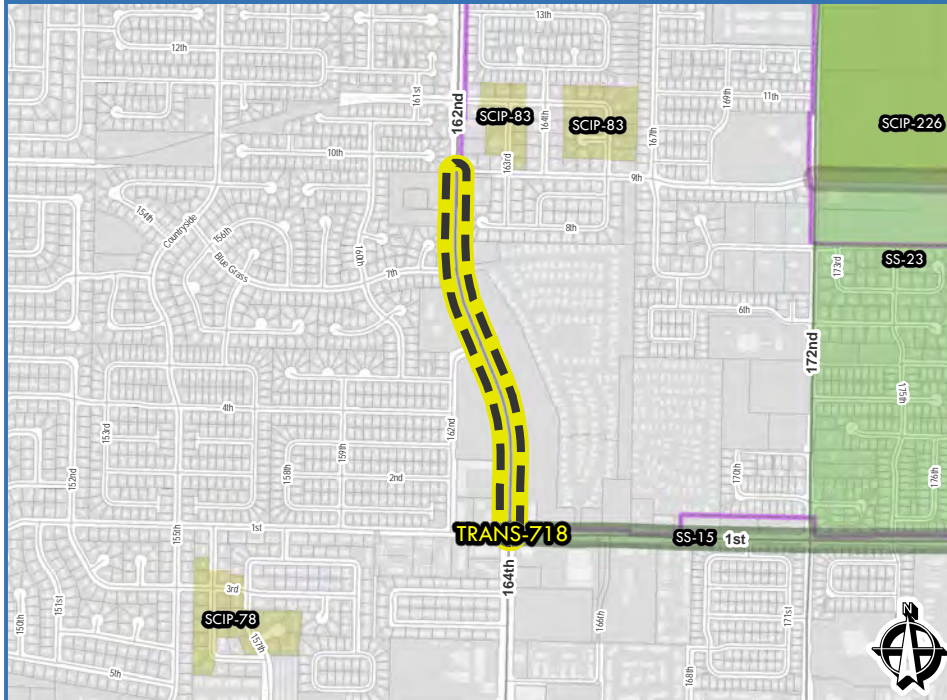
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 162ND AVE - SE 1ST ST TO NE 9TH ST**

PROJECT EXTENT: **SE 1ST ST**

TO: **NE 9TH ST**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

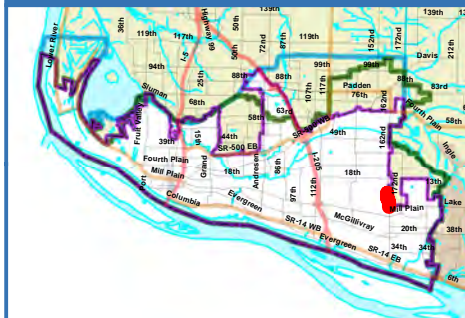
Project Description / Comments

Upgrade of 5-lane road to 7-lane principal arterial street (3 lanes each direction plus turn lane), including sidewalks, bike facilities and streetlights

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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$11,250,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



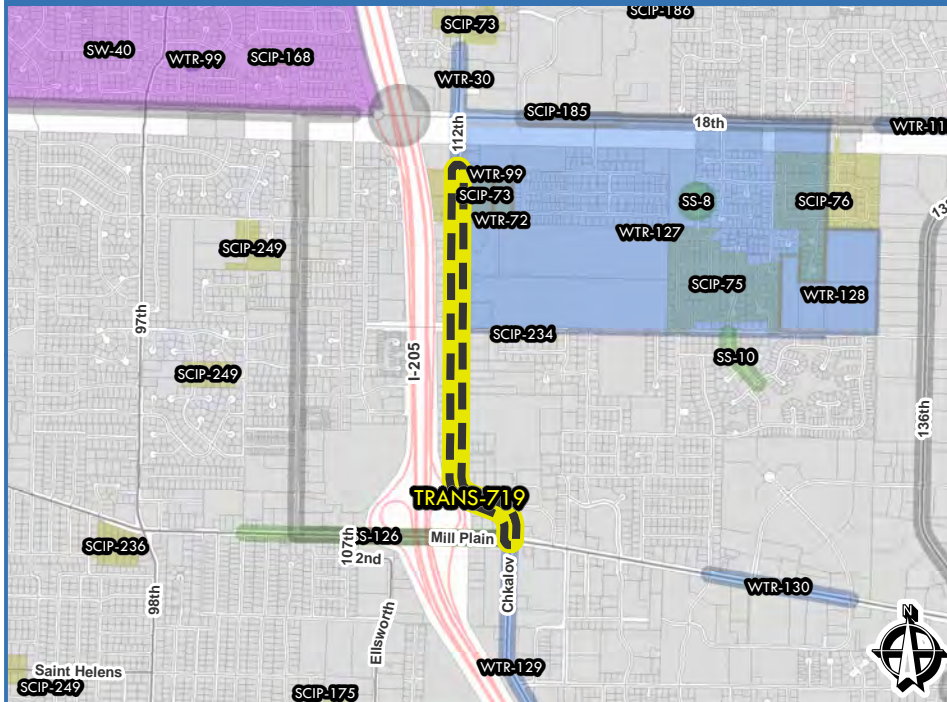
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 112TH AVE - E MILL PLAIN BLVD. TO NE 28TH ST**

PROJECT EXTENT: **E MILL PLAIN BLVD**

TO: **NE 15TH ST**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Corridor improvements to bring NE 112th Ave up to urban arterial standards.

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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$1,650,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



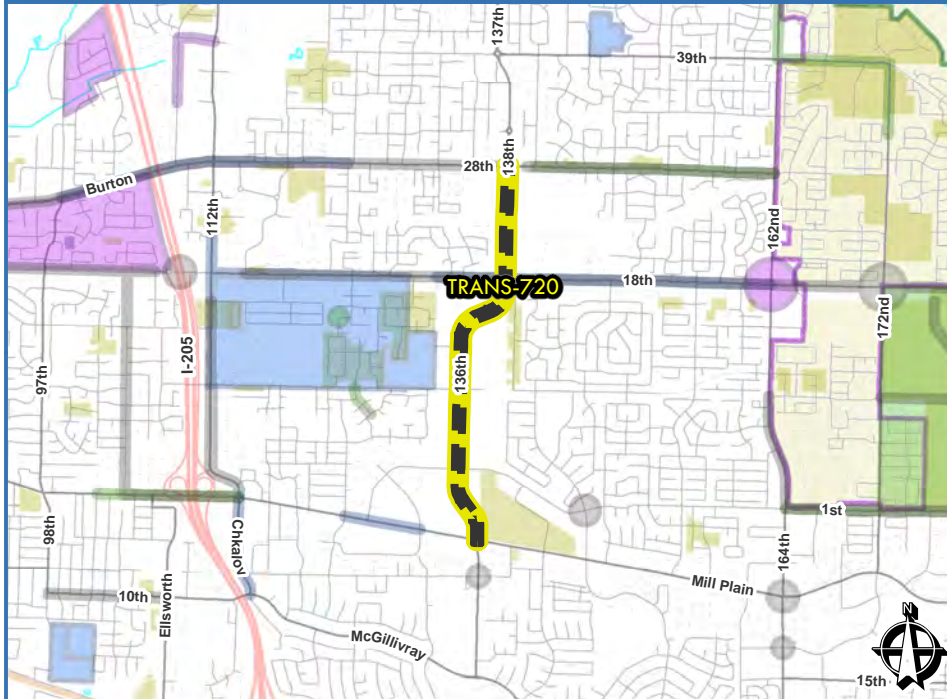
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 136TH / 137TH AVE - E MILL PLAIN BLVD TO NE 28TH ST**

PROJECT EXTENT: **E MILL PLAIN BLVD**

TO: **NE 28TH ST**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Upgrade of traffic signals with new switches and hardware at each signal along corridor to improve communications, network operations and safety.

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$1,000,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



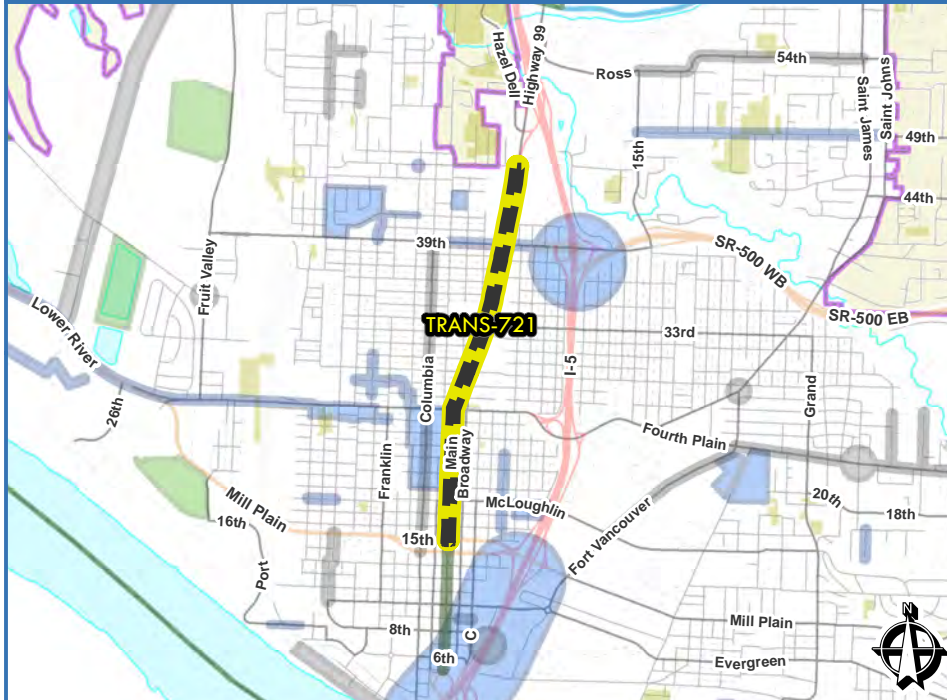
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **COLUMBIA ST./MAIN ST. VAST 6TH TO 45TH**

PROJECT EXTENT: **6TH ST**

TO: **NE 45TH ST**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	Completed
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

New fiber optic communications and signal hardware at each traffic signal to improve communications, network operations and safety.

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Funded
Existing Funds:	Yes
SFS Funds:	No
Grant Funds:	Yes
Total Proj. Cost:	\$1,059,900.00
*Start of Construction (Year):	2016

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



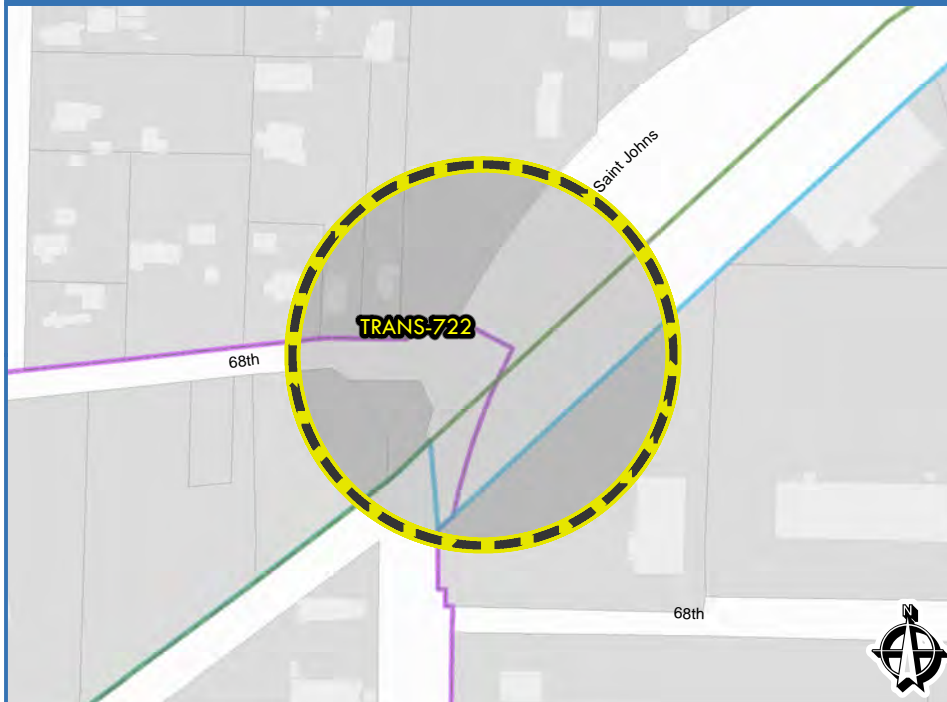
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **ST JOHNS BLVD. @ NE 68TH ST**

PROJECT EXTENT:

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	On Hold
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Modify existing intersection to improve traffic safety and level of service.

LEGEND

Project Area	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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$1,000,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



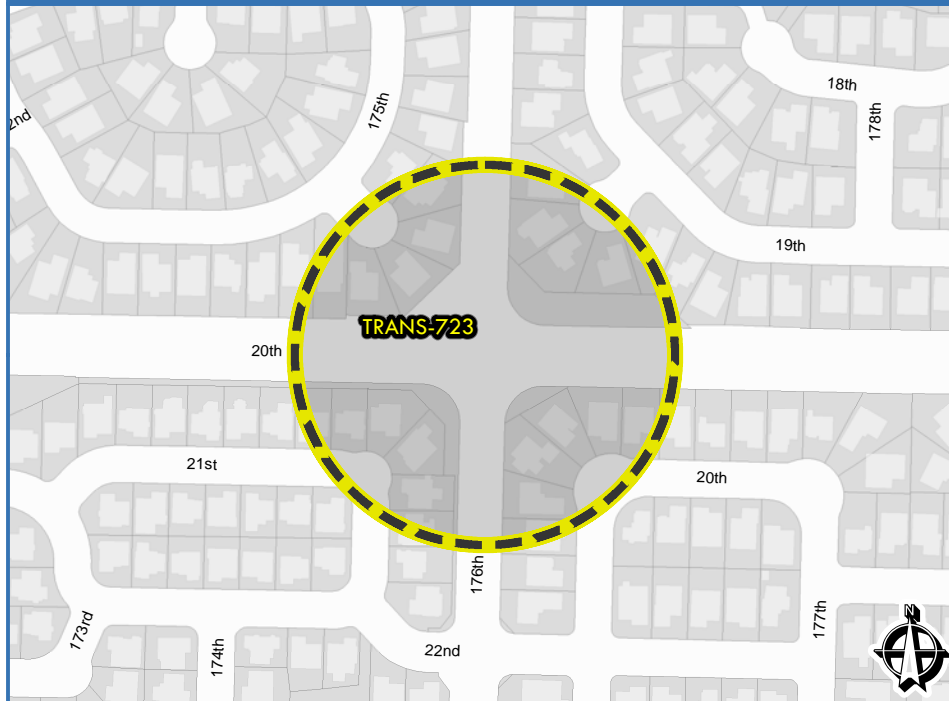
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **SE 20TH ST @ SE 176TH AVE**

PROJECT EXTENT:

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	On Hold
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Modify existing intersection to improve traffic safety, operations and level of service.

LEGEND

Project Area	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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$500,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



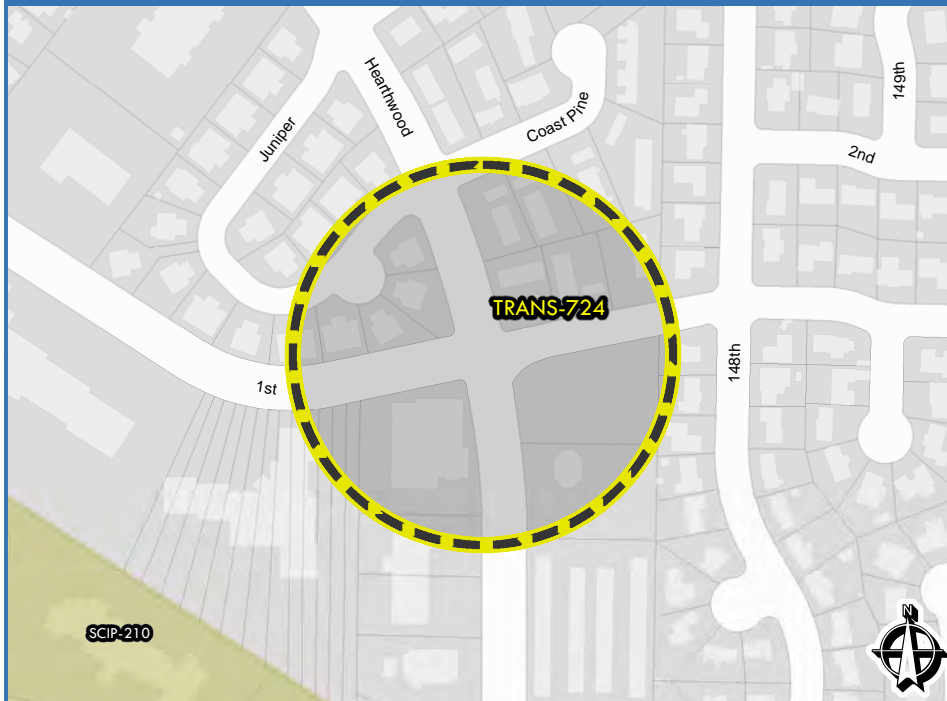
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **HEARTHWOOD @ SE 1ST ST**

PROJECT EXTENT:

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	On Hold
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Modify existing intersection for traffic safety, operations and level of service. Scope of work is undefined.

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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$500,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



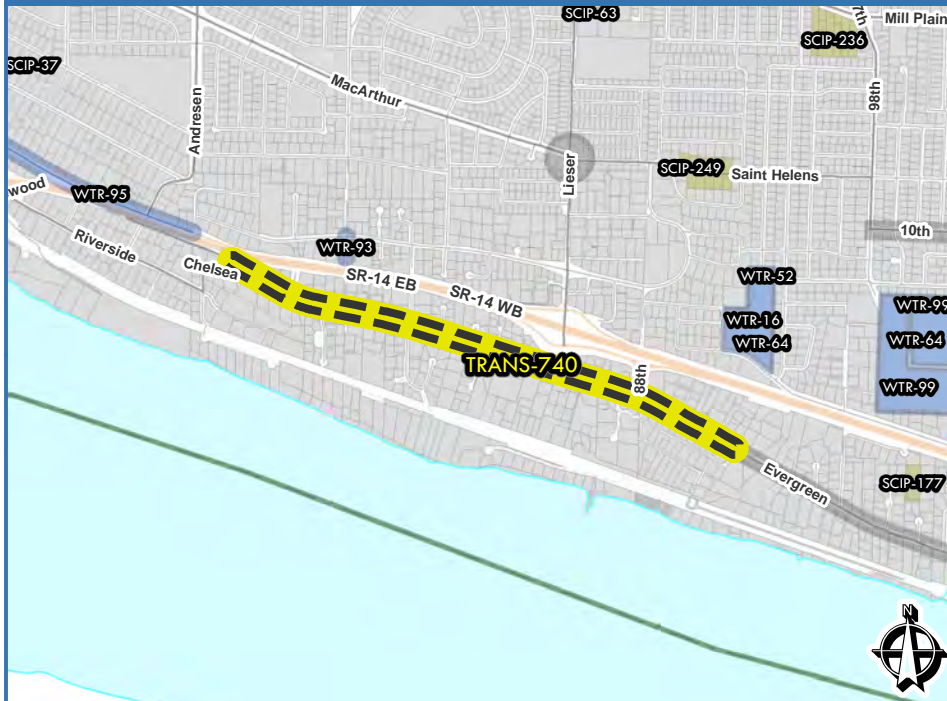
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **EVERGREEN HWY PATHWAY - IMAGE RD. TO CHELSEA**

PROJECT EXTENT: **IMAGE RD**

TO: **CHELSEA**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	In Design
Funding Status:	Partially Funded

PROJECT DESCRIPTION

Project Description / Comments

Upgrade roadway with 6-10 foot pedestrian pathway on south side, a priority east-west pedestrian and bicycle corridor. Design and ROW funded. No funding for construction.

LEGEND

	Project Area		Water Project Areas		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

Funding Status:	Partially Funded
Existing Funds:	Yes
SFS Funds:	Yes
Grant Funds:	Potential
Total Proj. Cost:	\$2,400,000.00
*Start of Construction (Year):	Uncertain

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **EVERGREEN HWY PATHWAY - COLUMBIA SPRINGS TO SE 164TH AVE**

PROJECT EXTENT: **SE SILVER SPRINGS DR**

TO: **SE 164TH AVE**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	In Design
Funding Status:	Partially Funded

PROJECT DESCRIPTION

Project Description / Comments

Upgrade roadway with 6-10 foot pedestrian pathway, a priority east-west pedestrian and bicycle corridor. Design partially funded by citizen efforts.

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Partially Funded
Existing Funds:	Yes
SFS Funds:	No
Grant Funds:	Potential
Total Proj. Cost:	\$5,100,000.00
*Start of Construction (Year):	Uncertain

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



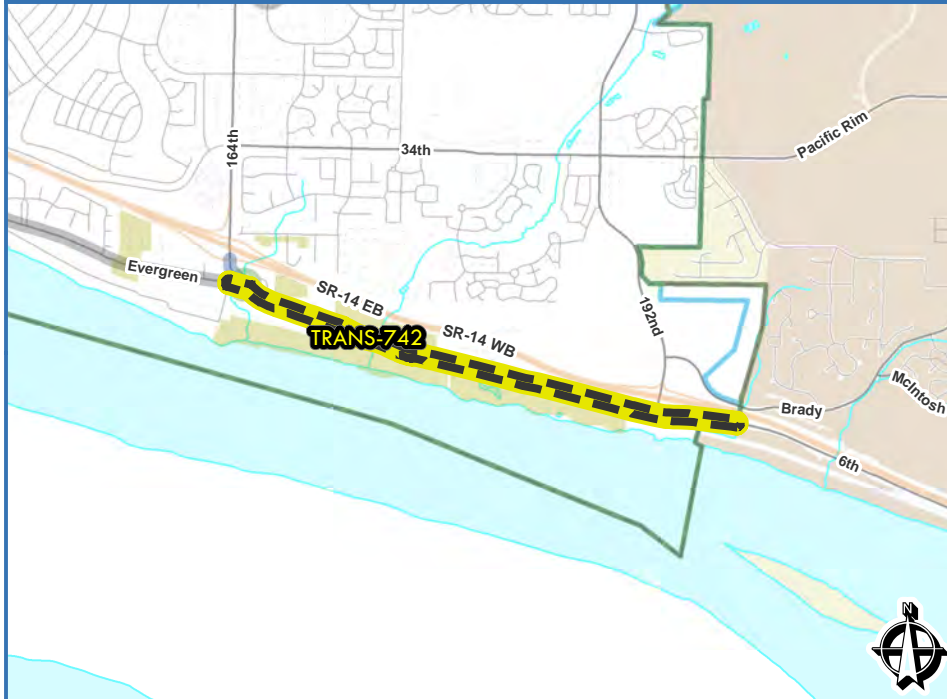
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **EVERGREEN HWY PATHWAY - SE 164TH AVE TO E. CITY LIMITS**

PROJECT EXTENT: **SE 164TH AVE**

TO: **EAST CITY LIMITS**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Upgrade roadway with 6-10 foot pedestrian pathway on south side, a priority east-west pedestrian and bicycle corridor.

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$7,000,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



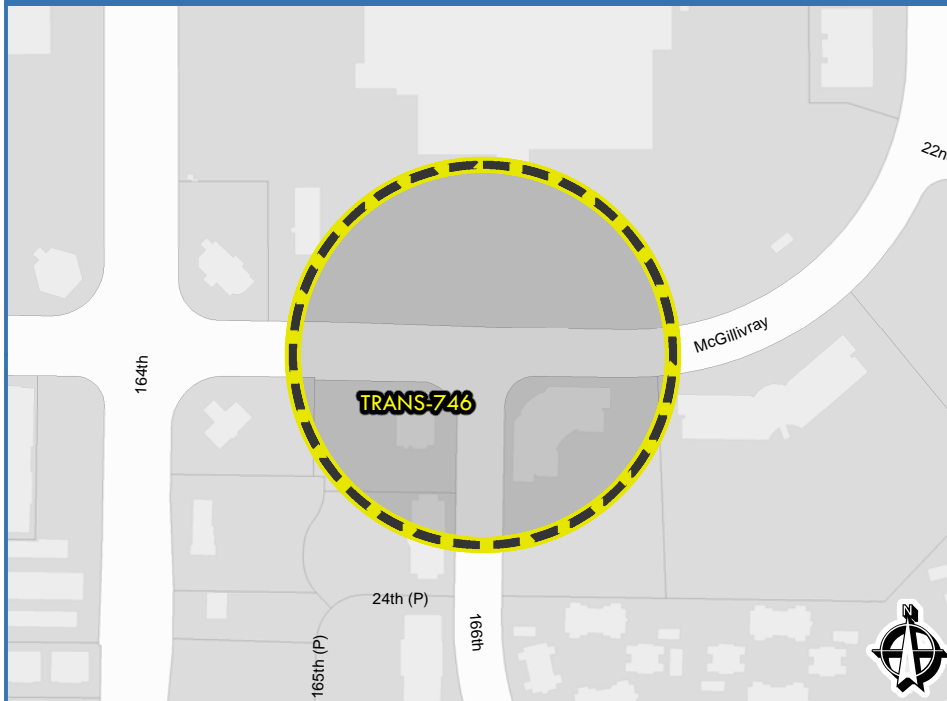
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **SE MCGILLIVRAY BLVD. @ SE 166TH AVE**

PROJECT EXTENT: **SE 164TH AVE**

TO: **SE 166TH AVE**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	On Hold
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Improve intersection with urban roundabout, including upgrades to ADA ramps and streetlights.

LEGEND

	Project Area		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

Funding Status:	Unfunded
Existing Funds:	Yes
SFS Funds:	No
Grant Funds:	No
Total Proj. Cost:	\$600,000.00
*Start of Construction (Year):	

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



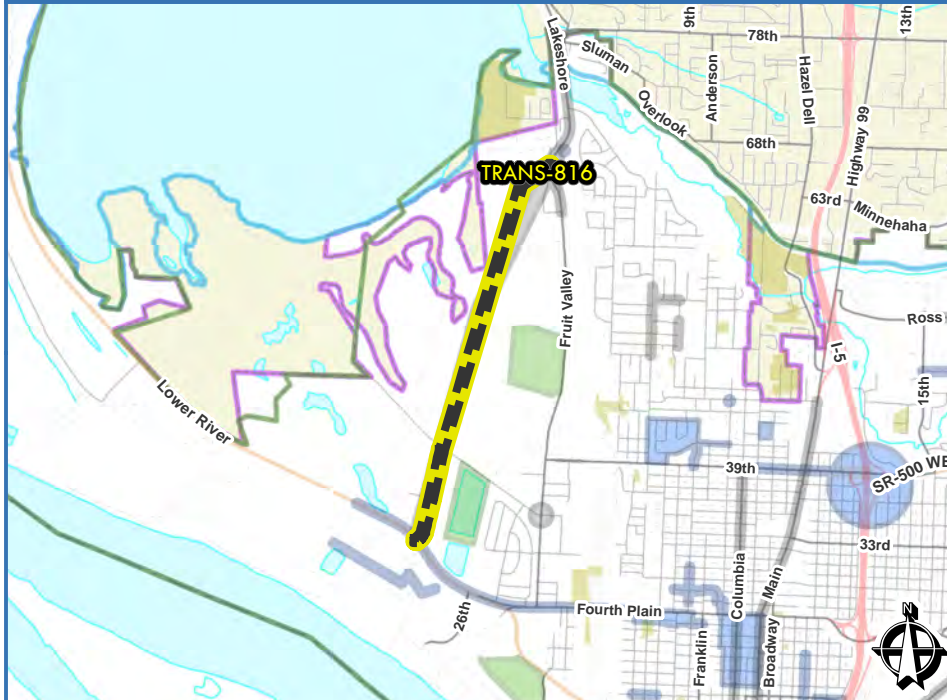
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NW 32ND AVE - SR501 TO WHITNEY**

PROJECT EXTENT: **LOWER RIVER RD**

TO: **FRUIT VALLEY RD**

PROJECT AREA MAP





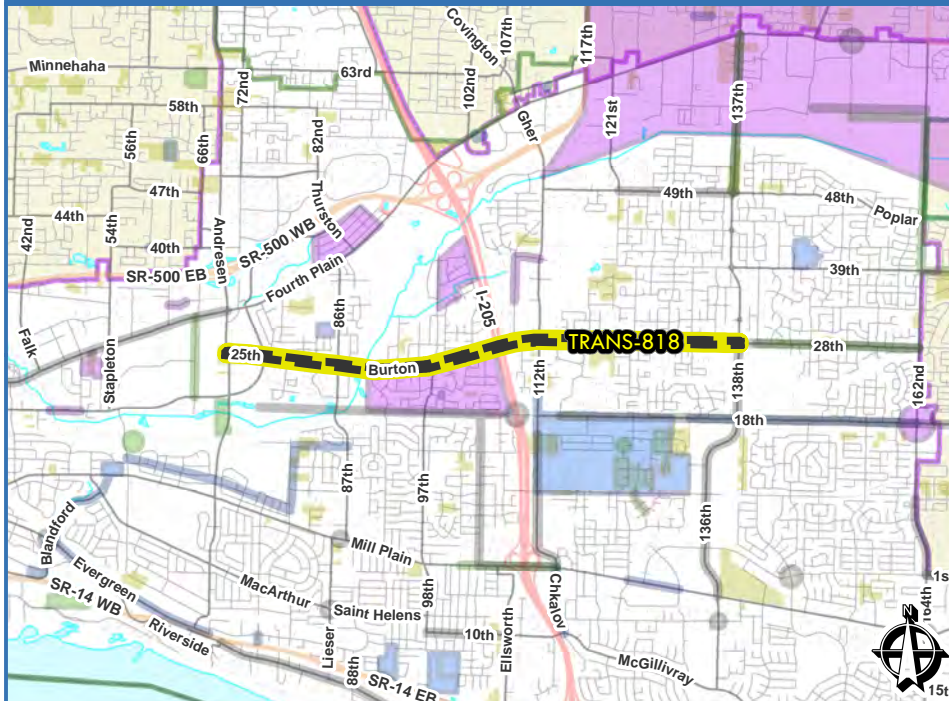
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE BURTON/28TH STREET - NE ANDRESEN RD TO NE 138TH AVE**

PROJECT EXTENT: **NE ANDRESEN RD**

TO: **NE 138TH AVE**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Installation of connections between fiber optic cables to traffic signal controllers to improve signal operations along the corridor.

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$1,000,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



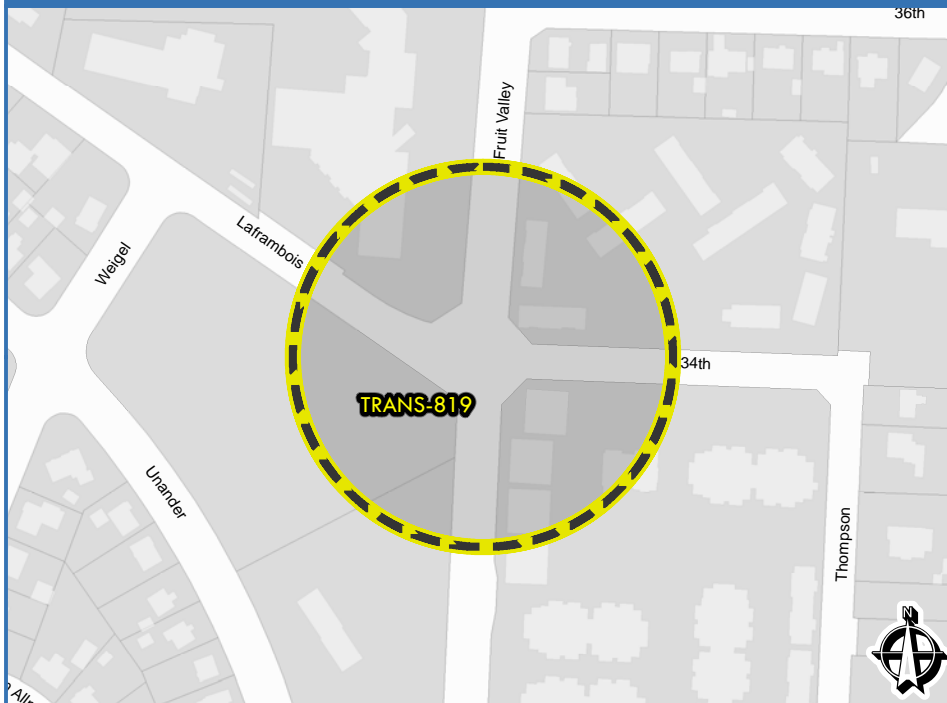
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NW FRUIT VALLEY RD @ LA FRAMBOIS**

PROJECT EXTENT:

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Upgrade existing signal to current standards.

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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$500,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



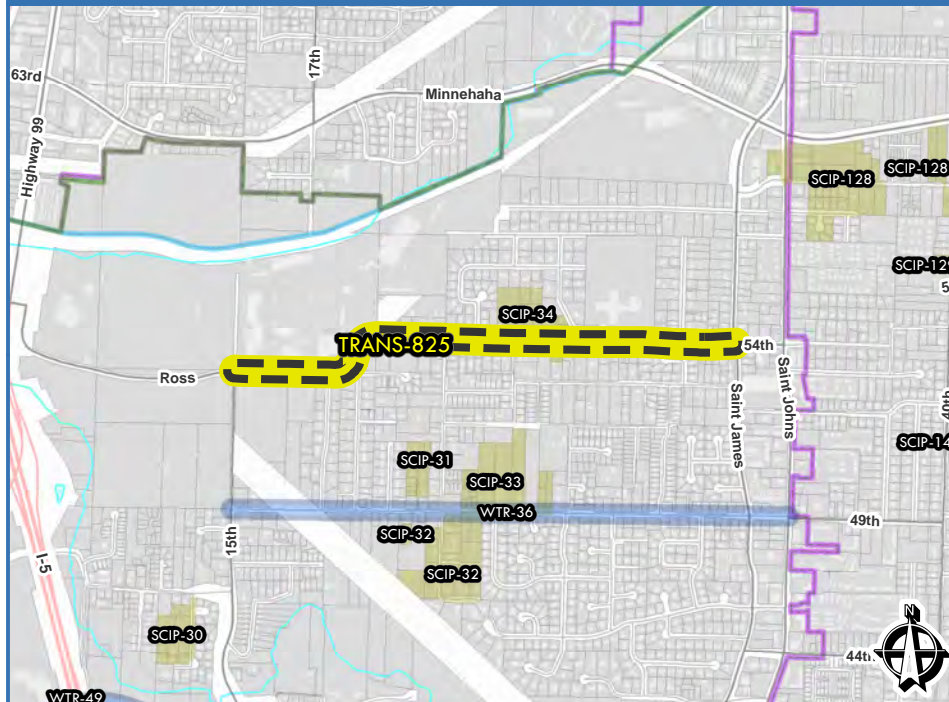
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 54TH STREET - NE 15TH AVE TO NE SAINT JAMES RD**

PROJECT EXTENT: **NE 15TH AVE**

TO: **NE SAINT JAMES RD**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Upgrade of existing 2-lane road to an urban arterial (1 lane each direction plus turn lane), including sidewalks, ADA ramps, bike facilities and streetlights to improve safety, mobility, accessibility and service.

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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$14,000,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



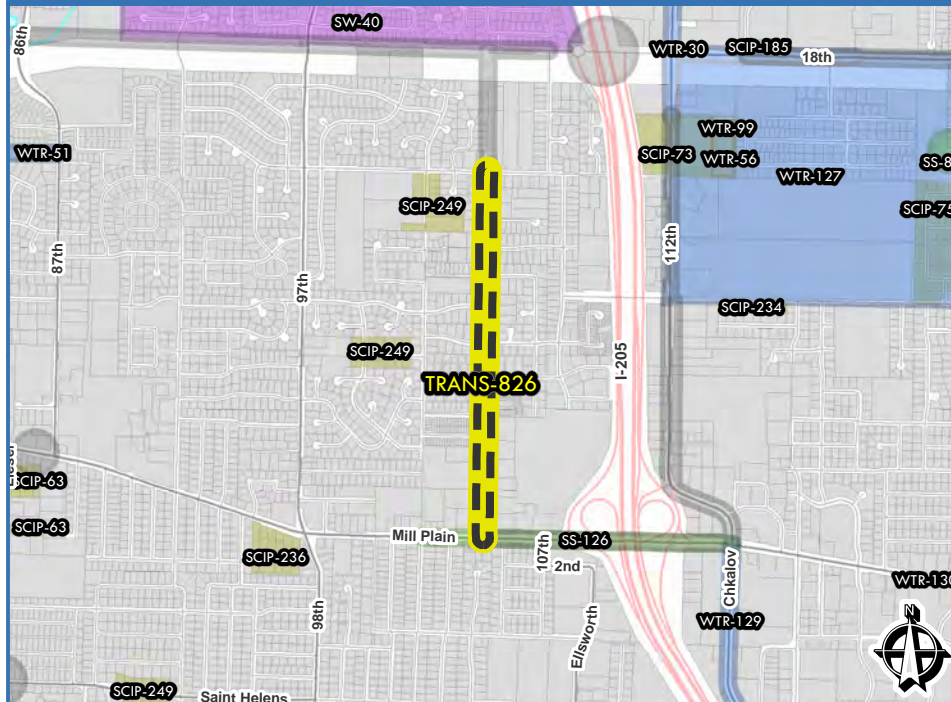
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 104TH AVENUE - SE MILL PLAIN BLVD TO NE 14TH STREET**

PROJECT EXTENT: **SE MILL PLAIN BLVD**

TO: **NE 14TH ST**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Upgrade of existing 2-lane road to urban arterial (1 lane each direction plus turn lane), including sidewalks, ADA ramps, bike facilities and streetlights.

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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$10,000,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



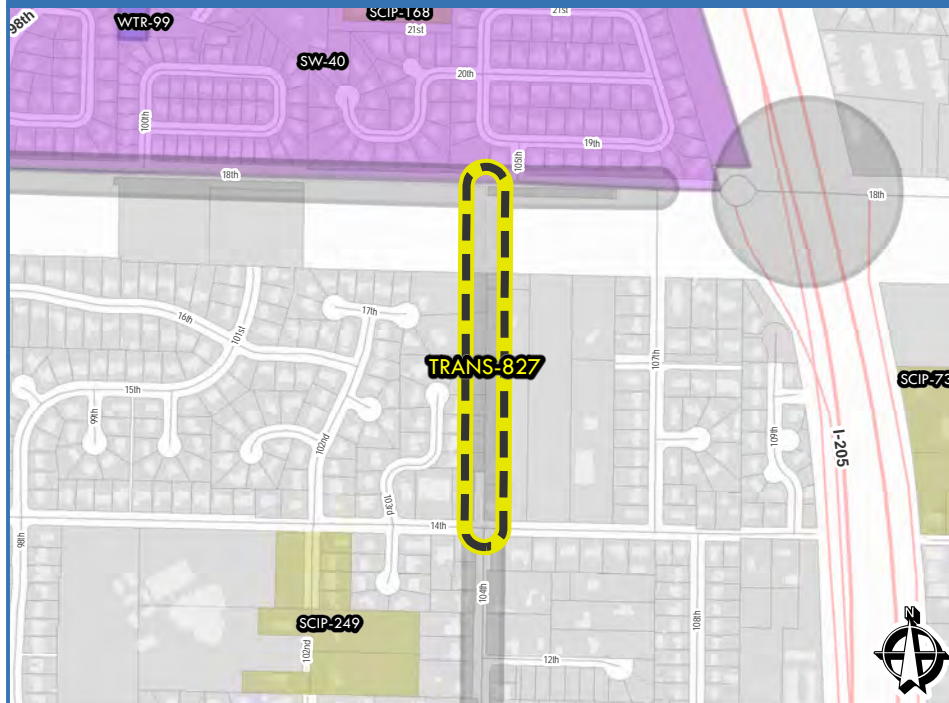
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 104TH AVENUE - NE 14TH STREET TO NE 18TH STREET**

PROJECT EXTENT: **NE 14TH ST**

TO: **NE 18TH ST**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

New arterial street (1 lane each direction plus turn lane), with sidewalks, ADA ramps, bike facilities and streetlights, to increase safety, mobility, accessibility and level of service.

LEGEND

Project Area	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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$10,000,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



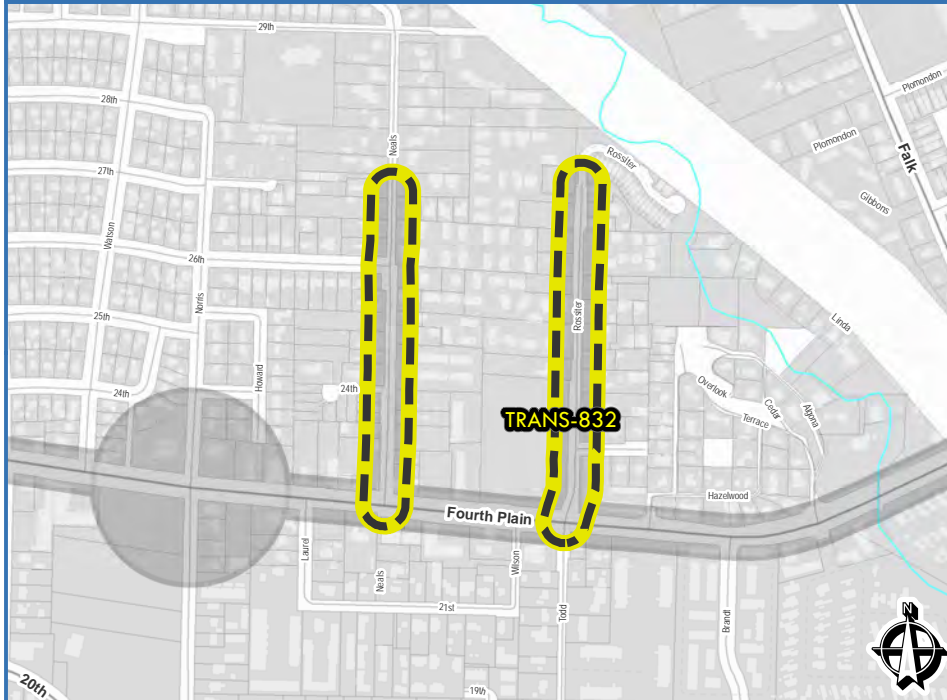
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **FOURTH PLAIN INFILL SIDEWALK**

PROJECT EXTENT:

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	Completed
Funding Status:	Funded

PROJECT DESCRIPTION

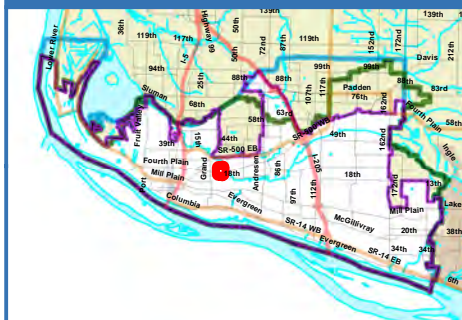
Project Description / Comments

Sidewalk and ADA improvements along Neals Ln and Rossiter Ln from Fourth Plain to NE 26th St to improve pedestrian safety and accessibility. Will be completed in 2018.

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

Funding Status:	Funded
Existing Funds:	Yes
SFS Funds:	No
Grant Funds:	Yes
Total Proj. Cost:	\$1,042,000.00
*Start of Construction (Year):	2017

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **VANCOUVER WATERFRONT TRAIL**

PROJECT EXTENT: **LINCOLN ST**

TO: **COLUMBIA ST**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Enhancement
Project Status:	In Construction
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Major trail and aesthetic improvements along Vancouver Waterfront between approx Lincoln and Columbia streets to improve pedestrian access and safety. Project lead: Vancouver Parks.

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

Funding Status:	Funded
Existing Funds:	No
SFS Funds:	No
Grant Funds:	Yes
Total Proj. Cost:	\$1,350,000.00
*Start of Construction (Year):	2015

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 9TH ST - BROADWAY TO C ST**

PROJECT EXTENT: **BROADWAY ST**

TO: **C ST**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Extend 9th street from Broadway to C Street, including travel lanes, sidewalk, ADA ramps and streetlights, similar to existing 9th.

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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$2,000,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



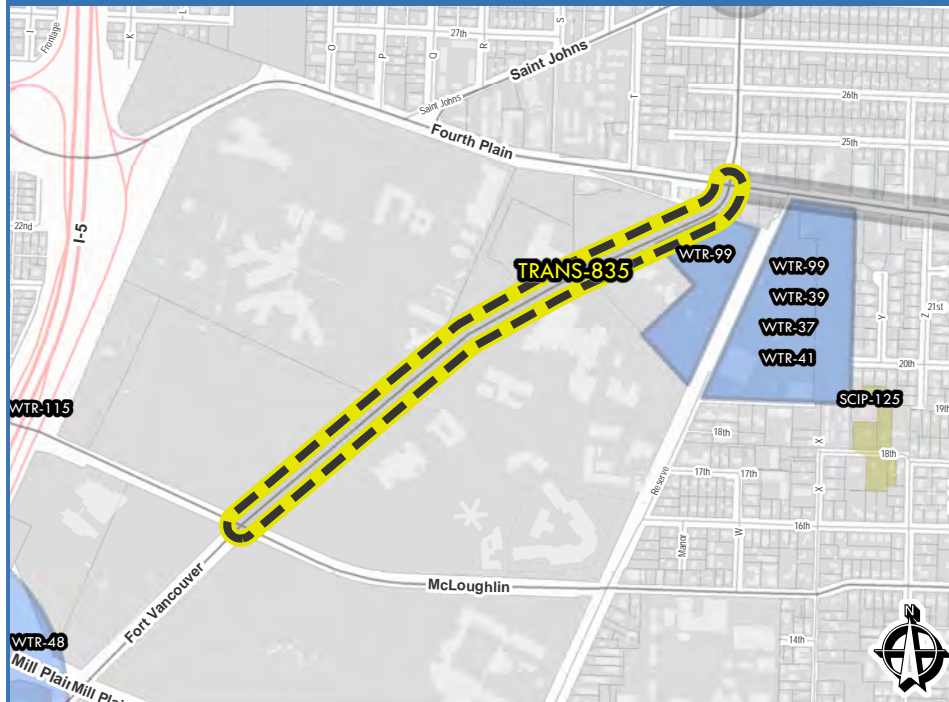
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **FORT VANCOUVER WAY AND MCLOUGHLIN SIDEWALK INFILL AND HAWK SIGNAL**

PROJECT EXTENT: **E MCLOUGHLIN BLVD**

TO: **E FOURTH PLAIN BLVD**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Enhancement
Project Status:	In Design
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Pedestrian, bike, and aesthetic improvements along multiple streets within and around the Central Park Subarea boundaries.

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

Funding Status:	Funded
Existing Funds:	Yes
SFS Funds:	No
Grant Funds:	Yes
Total Proj. Cost:	\$1,125,000.00
*Start of Construction (Year):	2018

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



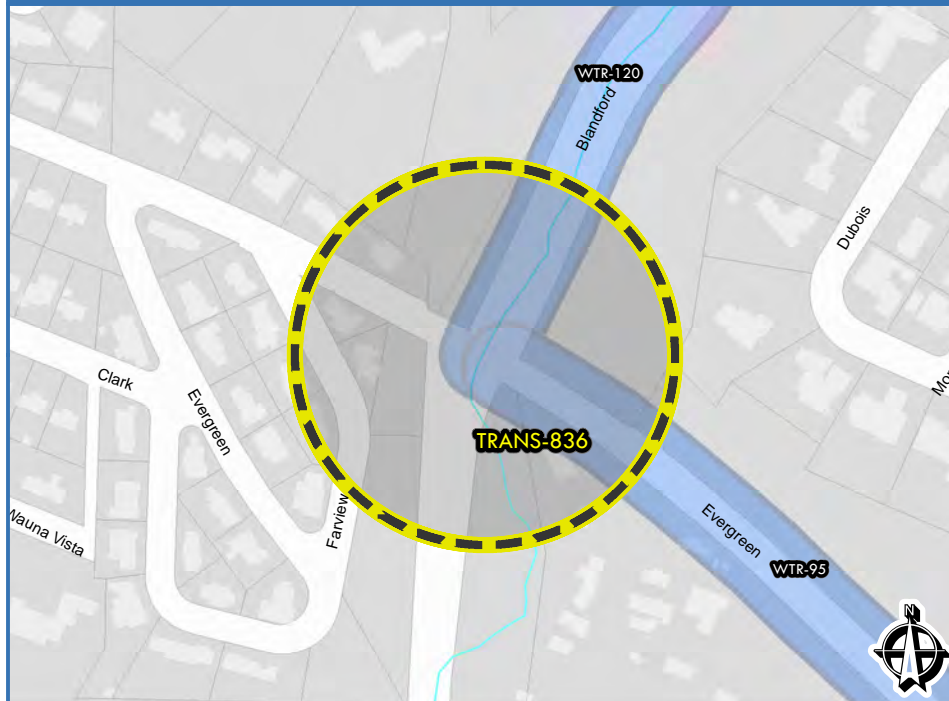
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **EVERGREEN BLVD BRIDGE AT BLANDFORD**

PROJECT EXTENT:

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Safety
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Replace existing bridge along Evergreen Blvd at Blandford with new structure

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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$15,000,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **EVERGREEN HIGHWAY PAVEMENT PROJECT**

PROJECT EXTENT: **CHELSEA**

TO: **164TH AVE**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Reconstruction
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Project includes developing customized roadway cross section for this section, then reconstructing to that standard. In addition, project includes reconfiguration of intersection of 164th Ave/Evergreen Hwy. Cost estimates to be determined following development and adoption of roadway cross section.

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$40,000,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



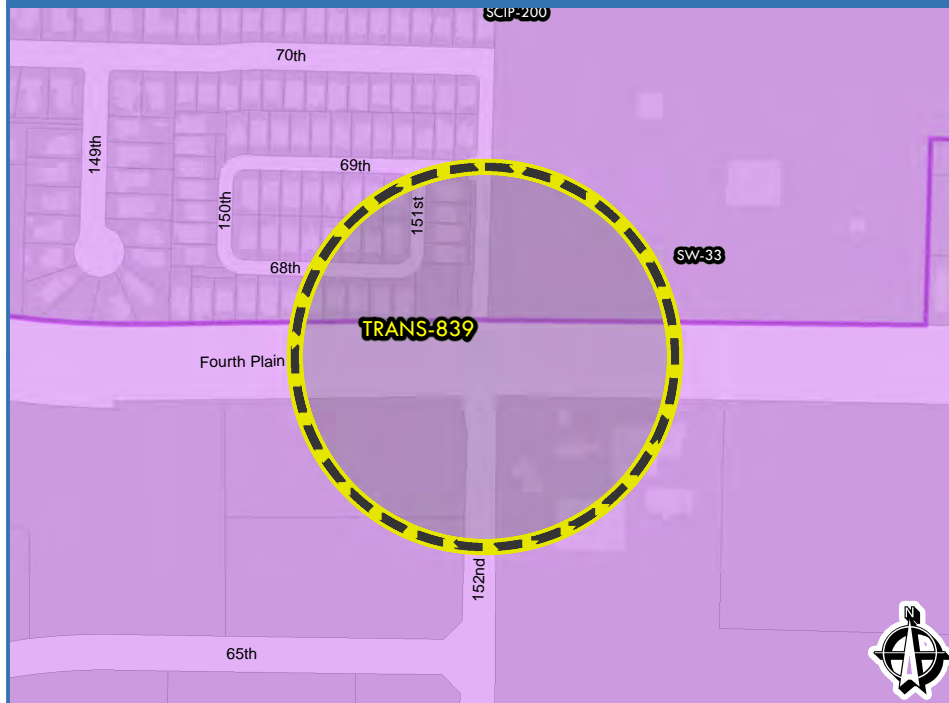
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **152ND AVENUE & 4TH PLAIN SIGNAL**

PROJECT EXTENT: **152ND AVENUE**

TO: **4TH PLAIN BOULEVARD**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Install new signal to accommodate future growth

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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$500,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



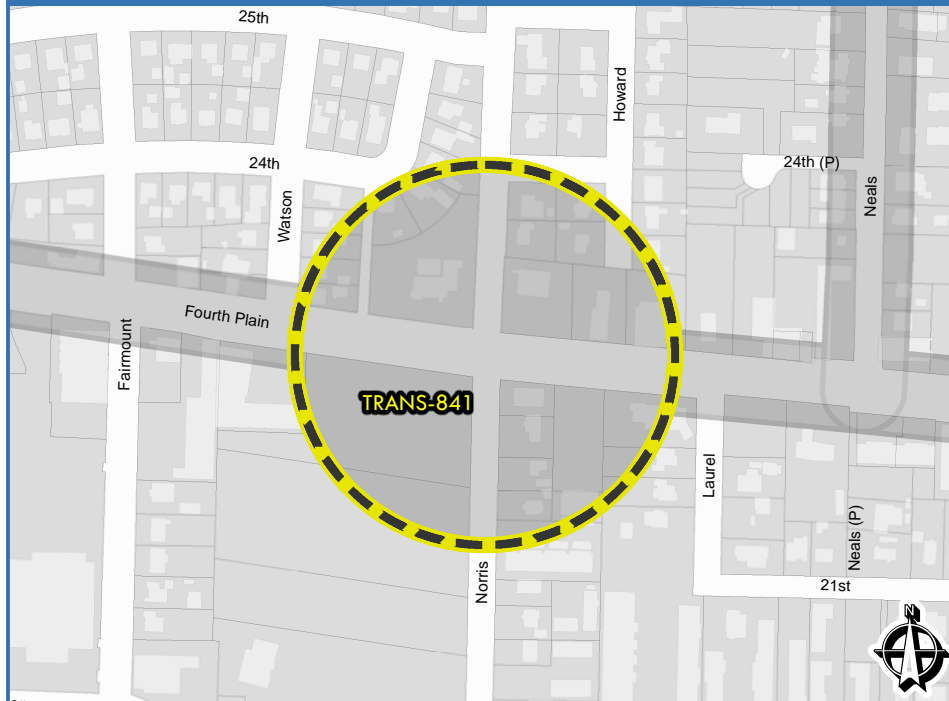
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **FOURTH PLAIN AND NORRIS SIGNAL IMPROVEMENT PROJECT**

PROJECT EXTENT:

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	In Design
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Upgrade existing span wire signal. Upgrade all components to current standards including cabinet, poles, conduit, junction boxes, detection, ADA ramps, mast arms and lights.

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

Funding Status:	Funded
Existing Funds:	Yes
SFS Funds:	No
Grant Funds:	No
Total Proj. Cost:	\$400,000.00
*Start of Construction (Year):	2017

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **EVERGREEN HWY PATHWAY - WEBER ARBORETUM TO 100TH COURT**

PROJECT EXTENT: **WEBER ARBORETUM**

TO: **100TH COURT**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	In Design
Funding Status:	Partially Funded

PROJECT DESCRIPTION

Project Description / Comments

Upgrade street with 6-10 foot pedestrian pathway on south side of roadway, a priority east/west pedestrian and bike corridor. Design and ROW funded. No funding for construction.

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

Funding Status:	Partially Funded
Existing Funds:	Yes
SFS Funds:	No
Grant Funds:	No
Total Proj. Cost:	\$900,000.00
*Start of Construction (Year):	Uncertain

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



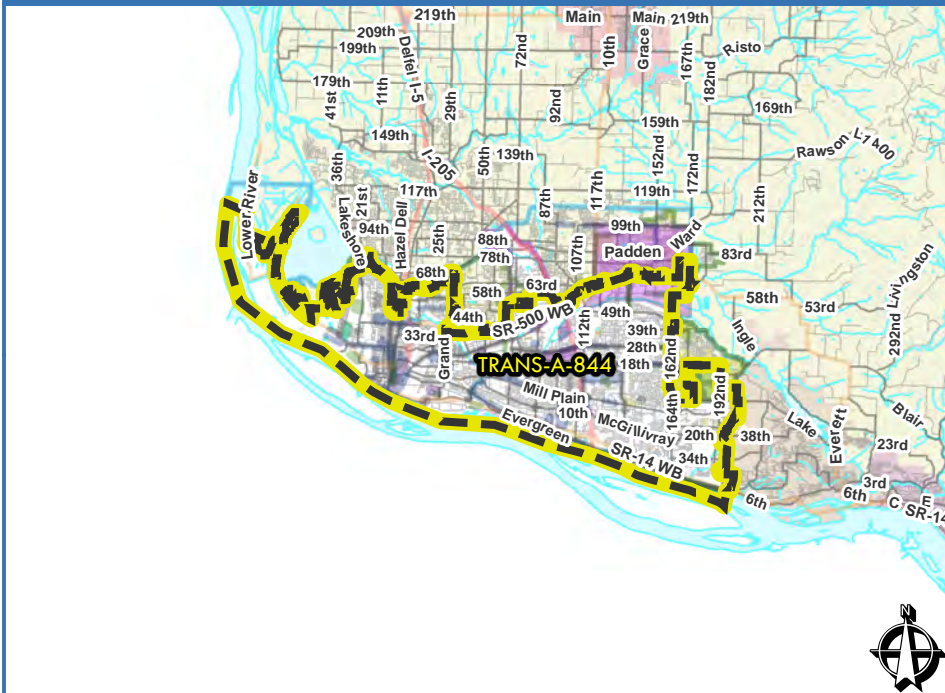
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **MULTIMODAL SAFETY AND ACCESSIBILITY**

PROJECT EXTENT: **CITYWIDE**

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Ongoing
Project Status:	Ongoing
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Ongoing program to address safety and accessibility for all modes of transportation. The 2018 program focuses on sidewalk infill projects. Sub projects for 2018 include: Fourth Plain and Caples/Wintler Intersection improvements (Trans-876); Divine Sidewalk Improvements (Trans-871); 112th Avenue Sidewalk (Trans-852).

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Funded
Existing Funds:	No
SFS Funds:	Yes
Grant Funds:	No
Total Proj. Cost:	
*Start of Construction (Year):	Ongoing

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



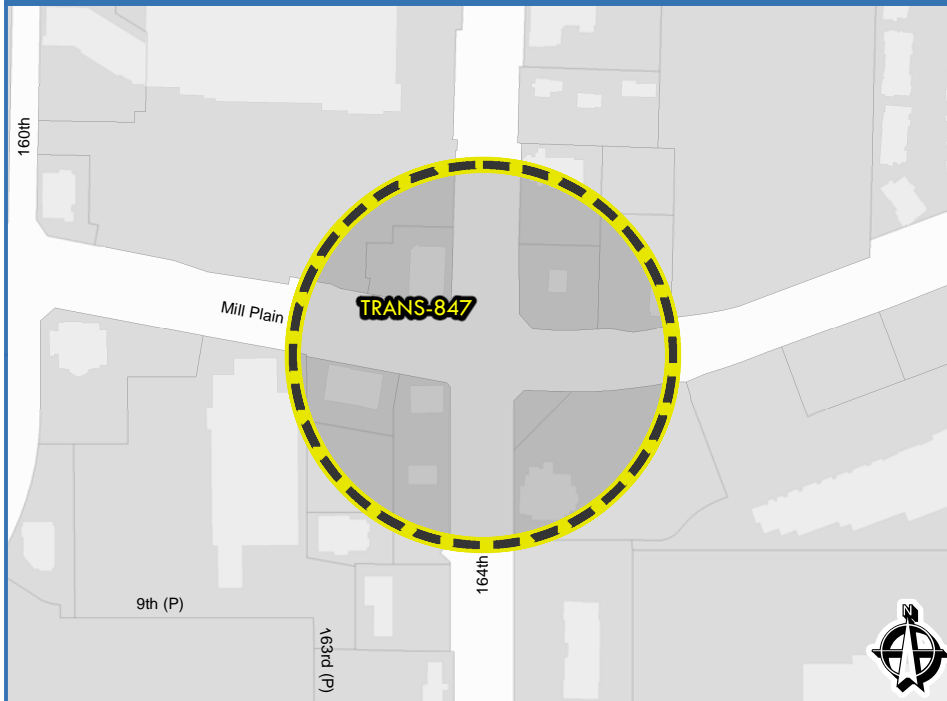
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **164TH AVENUE & MILL PLAIN INTERSECTION IMPROVEMENTS**

PROJECT EXTENT:

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Increase left-turn movement capacity at intersection of 164th Ave/Mill Plain Blvd.

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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$500,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



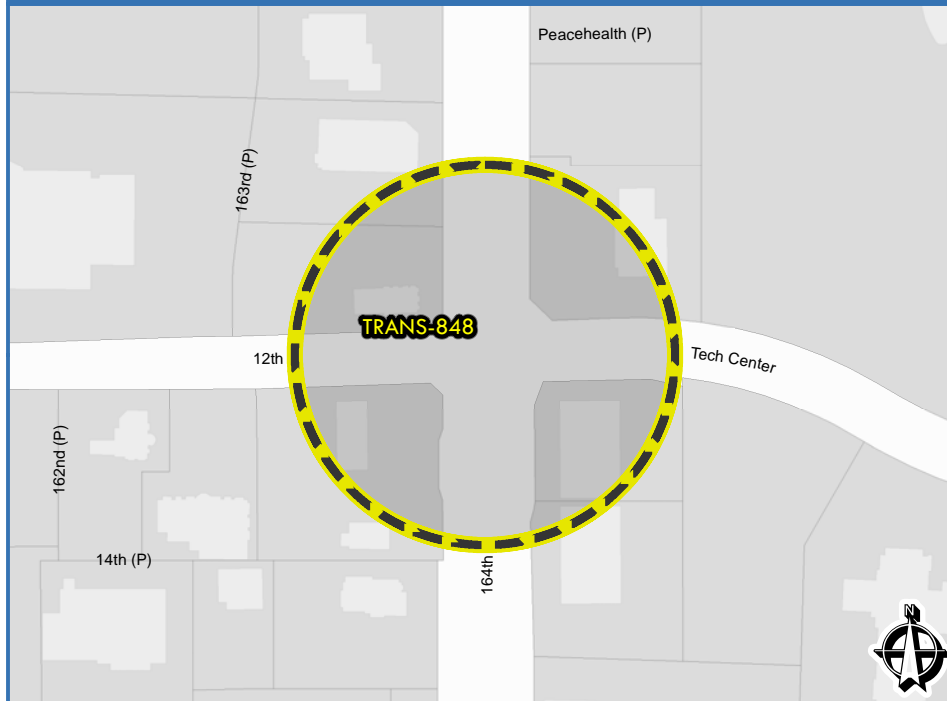
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **164TH AVENUE & SE 12TH STREET INTERSECTION IMPROVEMENTS**

PROJECT EXTENT:

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Increase left-turn movement capacity at intersection of 164th Ave/12th St

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

Funding Status:	Unfunded
Existing Funds:	N/A
SFS Funds:	N/A
Grant Funds:	N/A
Total Proj. Cost:	\$500,000.00
*Start of Construction (Year):	Unknown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



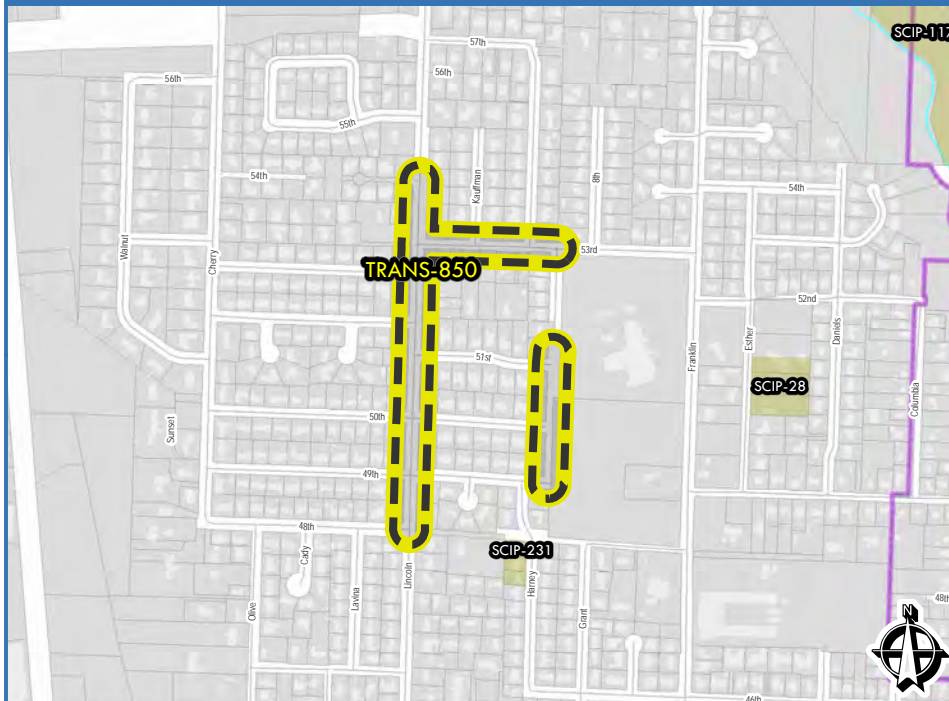
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NW NEIGHBORHOOD CONNECTIVITY IMPROVEMENTS - FRANKLIN ELEMENTARY

PROJECT EXTENT: **LINCOLN & 48TH ST.**

TO: **53RD & HARNEY**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	Future
Funding Status:	Partially Funded

PROJECT DESCRIPTION

Project Description / Comments

Install sidewalks and enhanced pedestrian crossings at key locations around Franklin Elementary school to improve pedestrian safety and accessibility in the area. Requesting partial funding via federal grant in 2017. Will request remaining funds via state grant in 2018.

LEGEND



VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Partially Funded
Existing Funds:	Yes
SFS Funds:	No
Grant Funds:	Potential
Total Proj. Cost:	\$1,200,000.00
*Start of Construction (Year):	2018

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



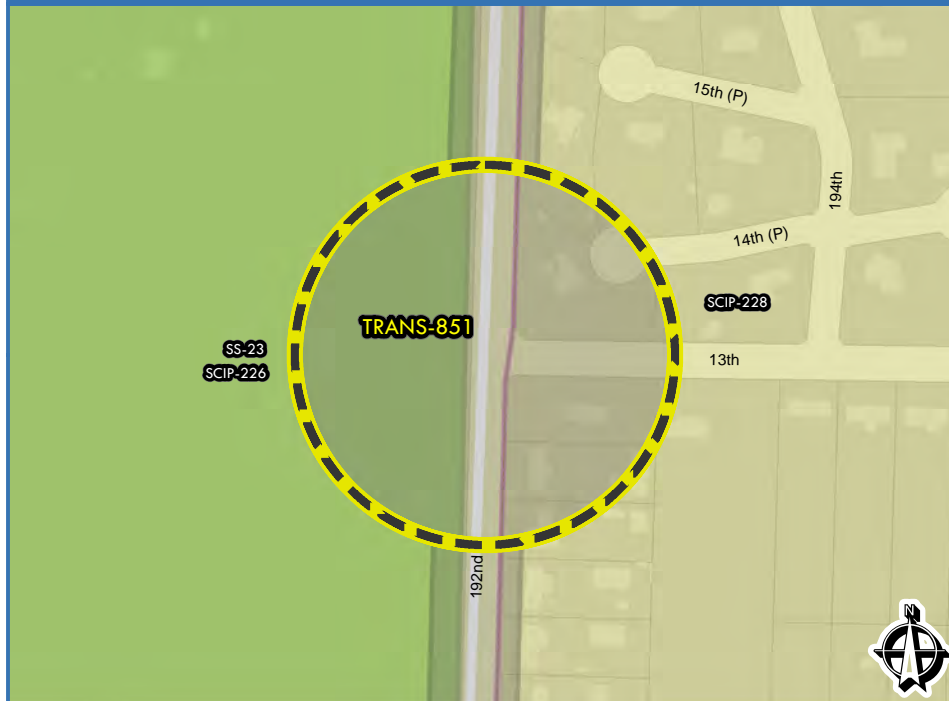
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **192ND AVENUE & NE 13TH STREET INTERSECTION IMPROVEMENTS**

PROJECT EXTENT: **192ND AVENUE**

TO: **NE 13TH STREET**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Improve intersection to current standards including additional turn lanes to accommodate future growth in the area. This project is part of a larger project to improve 192nd Avenue from 1st Street to 18th Street.

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

Funding Status:	Unfunded
Existing Funds:	Yes
SFS Funds:	No
Grant Funds:	No
Total Proj. Cost:	\$400,000.00
*Start of Construction (Year):	Unkown

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



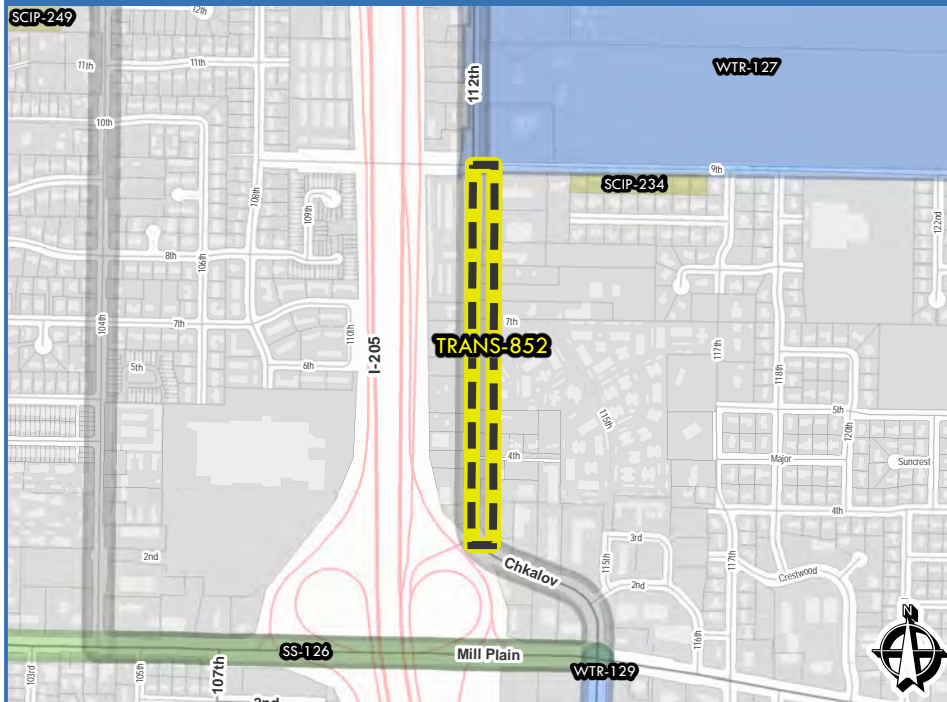
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **112TH AVENUE SIDEWALK - CHKALOV TO 9TH STREET**

PROJECT EXTENT: **CHKALOV**

TO: **9TH STREET**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	In Design
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Install new sidewalk along the east side of NE 112th Avenue from Chkalov to 9th Street. Using \$100,000 from 2018 Multimodal Safety and Accessibility Program (TRANS-A-844).

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

Funding Status:	Funded
Existing Funds:	No
SFS Funds:	Yes
Grant Funds:	Yes
Total Proj. Cost:	\$250,000.00
*Start of Construction (Year):	2018

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



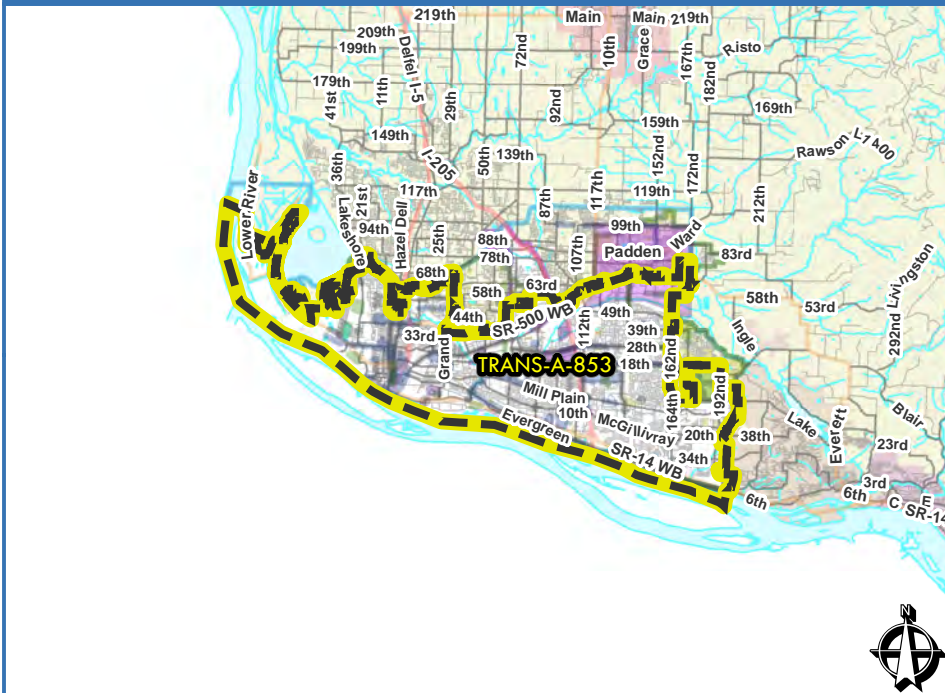
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **LED STREET LIGHT RETROFIT**

PROJECT EXTENT:

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	Future
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Replace existing cobra head style street light bulbs with new very efficient LED bulbs. Paid for using low interest Public Trust Fund Loan.

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Funded
Existing Funds:	Yes
SFS Funds:	No
Grant Funds:	No
Total Proj. Cost:	\$4,815,000.00
*Start of Construction (Year):	2017

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



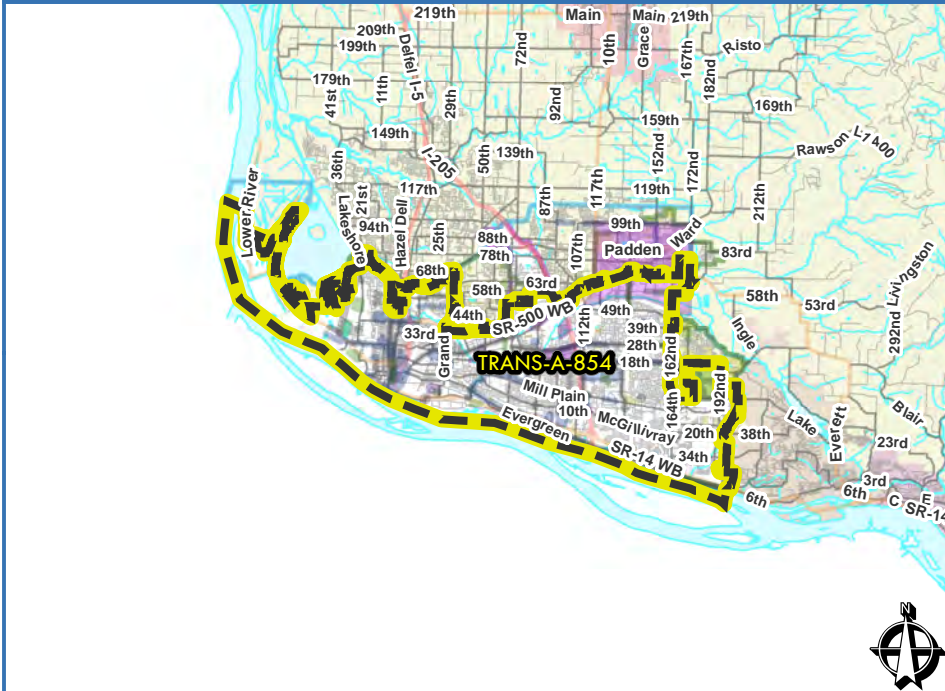
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **TRANSPORTATION SYSTEM PLAN (TSP) UPDATE**

PROJECT EXTENT:

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	In Design
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Comprehensive update to the Transportation System Plan (TSP). Funded by general fund and 192nd Avenue property sale

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Funded
Existing Funds:	Yes
SFS Funds:	No
Grant Funds:	No
Total Proj. Cost:	\$580,000.00
*Start of Construction (Year):	

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



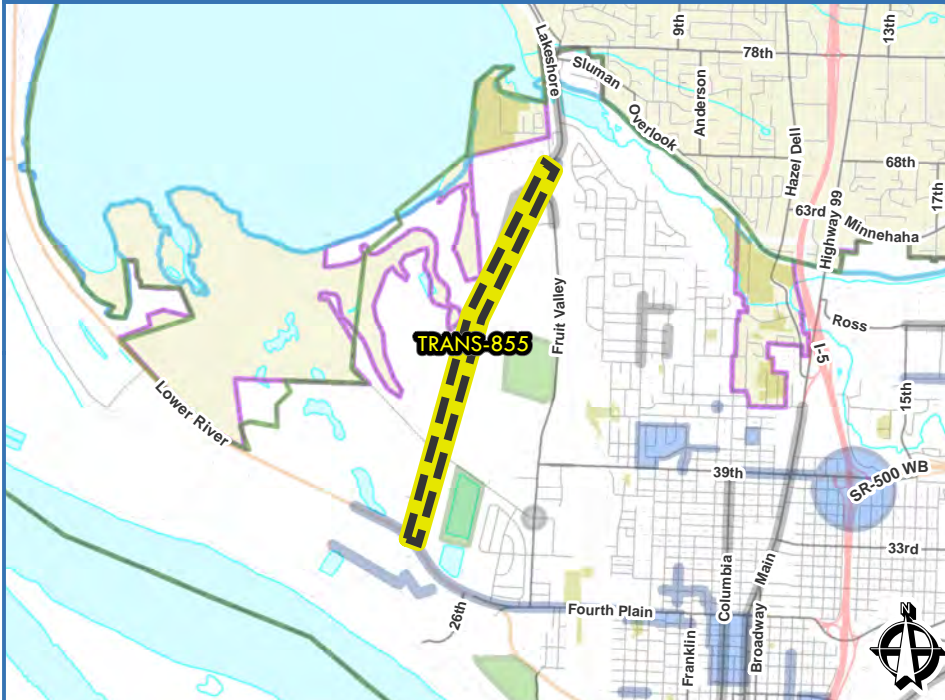
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **32ND AVENUE EXTENSION FEASIBILITY STUDY**

PROJECT EXTENT: **SR501**

TO: **WHITNEY**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	In Design
Funding Status:	Partially Funded

PROJECT DESCRIPTION

Project Description / Comments

A study to analyze the feasibility of extending 32nd Avenue from SR501 to Whitney. Funded via Transportation Impact Fees and \$25k contribution from the Port of Vancouver.

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





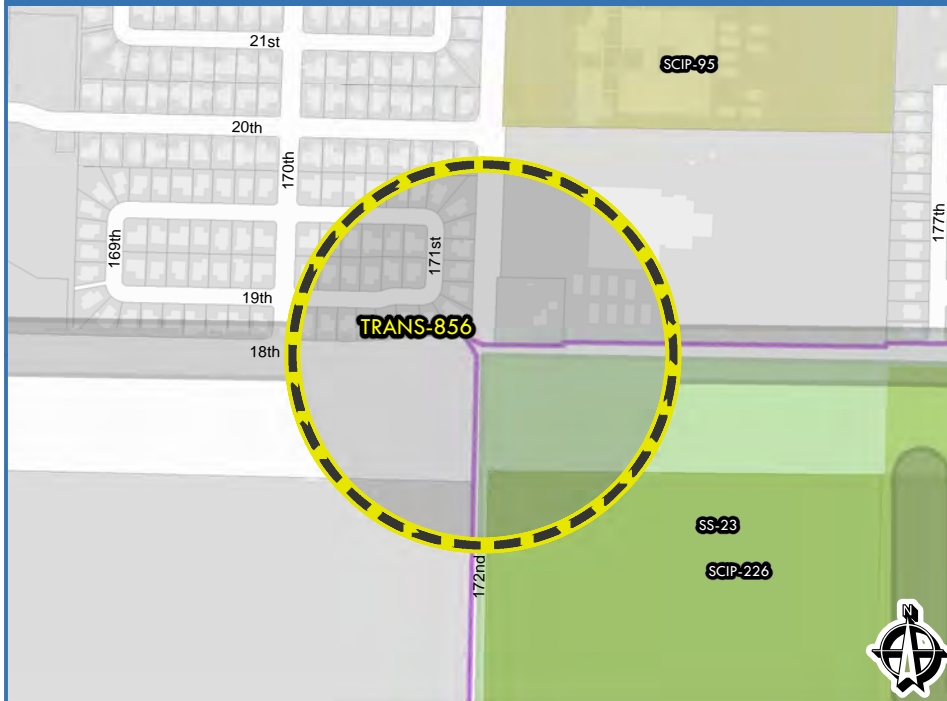
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **18TH STREET AND 172ND AVENUE INTERSECTION IMPROVEMENTS**

PROJECT EXTENT:

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Capacity
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Install additional turn lanes and other signal improvements at the intersection of 18th Street and 172nd Avenue.

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

Funding Status:	Unfunded
Existing Funds:	
SFS Funds:	
Grant Funds:	
Total Proj. Cost:	
*Start of Construction (Year):	

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



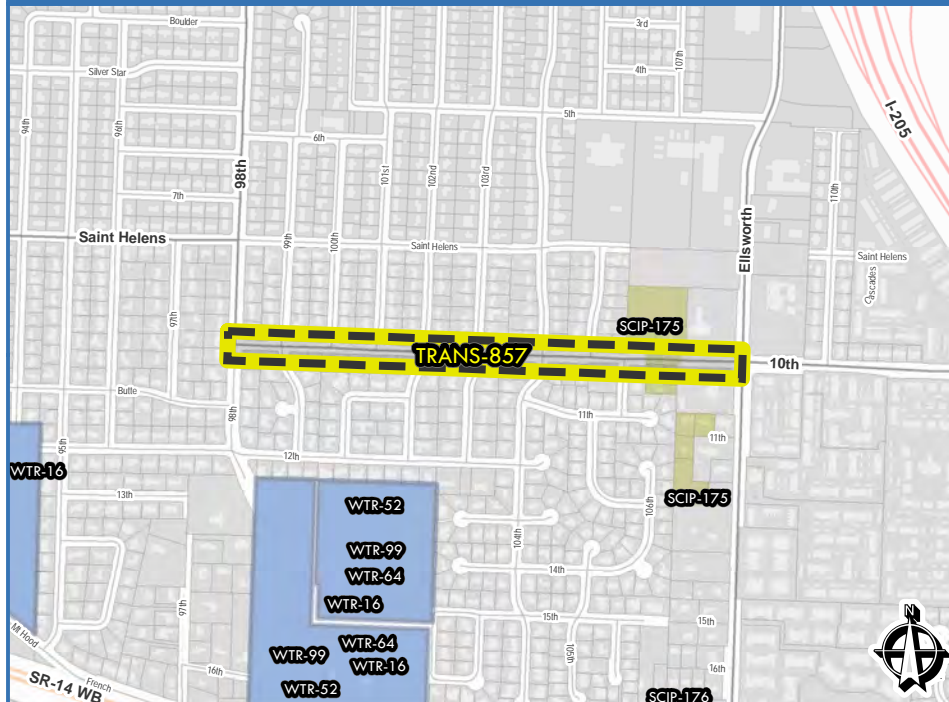
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **SE 10TH STREET SIDEWALKS - 98TH AVENUE TO ELLSWORTH ROAD**

PROJECT EXTENT: **98TH AVENUE**

TO: **ELLSWORTH ROAD**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	Future
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Install sidewalks along 10th Street from 98th Avenue to Ellsworth Road.

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





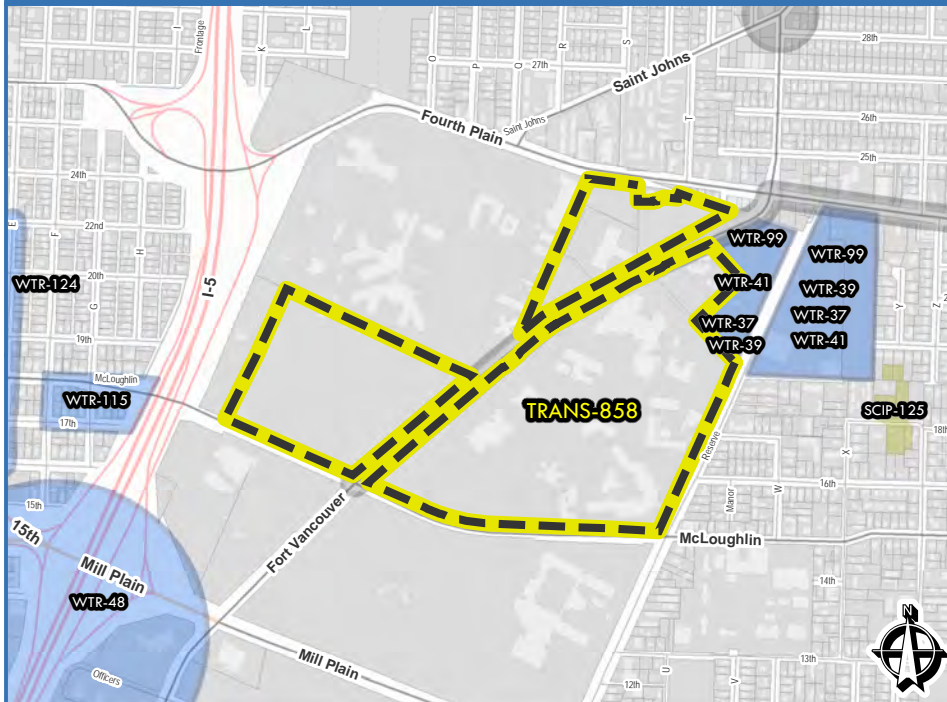
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **CLARK COLLEGE TRANSPORTATION DEMAND MANAGEMENT (TDM)**

PROJECT EXTENT: **CLARK COLLEGE CAMPUS**

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	Pending Funding
Funding Status:	Pending Funding

PROJECT DESCRIPTION

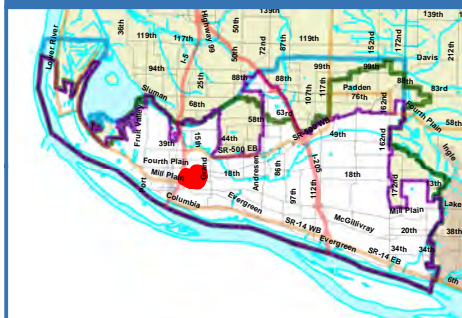
Project Description / Comments

New program to be implemented on the Clark College campus that encourages modes of travel other than single occupant vehicles. Other modes include: bicycle, pedestrian, transit, carpool, rideshare, etc.

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

Funding Status:	Pending Funding
Existing Funds:	
SFS Funds:	Yes
Grant Funds:	Potential
Total Proj. Cost:	\$290,000.00
*Start of Construction (Year):	2020

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



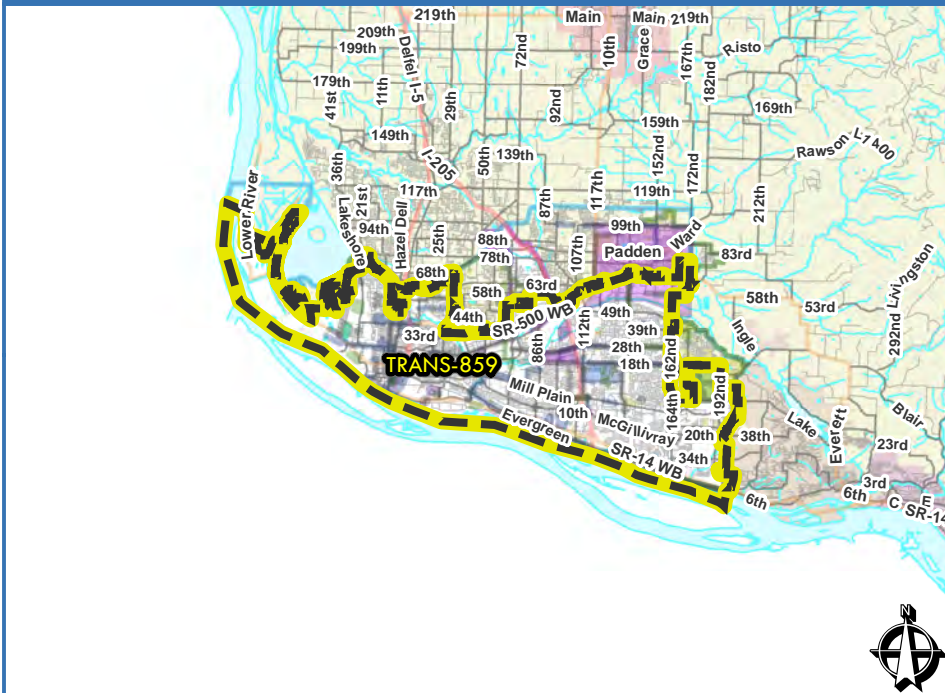
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **SIDEWALK MANAGEMENT PROGRAM**

PROJECT EXTENT: **CITYWIDE**

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	Ongoing
Funding Status:	Ongoing

PROJECT DESCRIPTION

Project Description / Comments

Program manages all sidewalks/curb ramps within the City limits. Includes notification and assistance to land owners to correct sidewalk/curb ramp deficiencies along their property frontage. \$250,000 budgeted annually.

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Ongoing
Existing Funds:	No
SFS Funds:	Yes
Grant Funds:	No
Total Proj. Cost:	\$250,000.00
*Start of Construction (Year):	2017

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



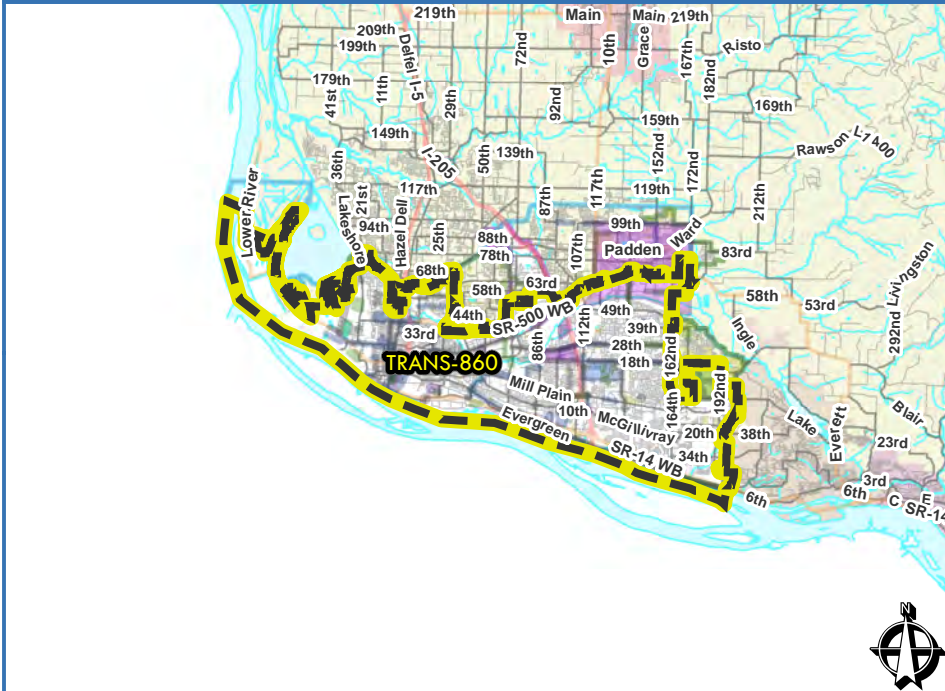
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **PROJECT SCOPING AND ESTIMATION**

PROJECT EXTENT: **CITYWIDE**

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Planning
Project Status:	Ongoing
Funding Status:	Ongoing

PROJECT DESCRIPTION

Project Description / Comments

Covers City staff time for working on scoping and estimation for grant applications.

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Ongoing
Existing Funds:	Yes
SFS Funds:	No
Grant Funds:	No
Total Proj. Cost:	\$55,000.00
*Start of Construction (Year):	2017

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



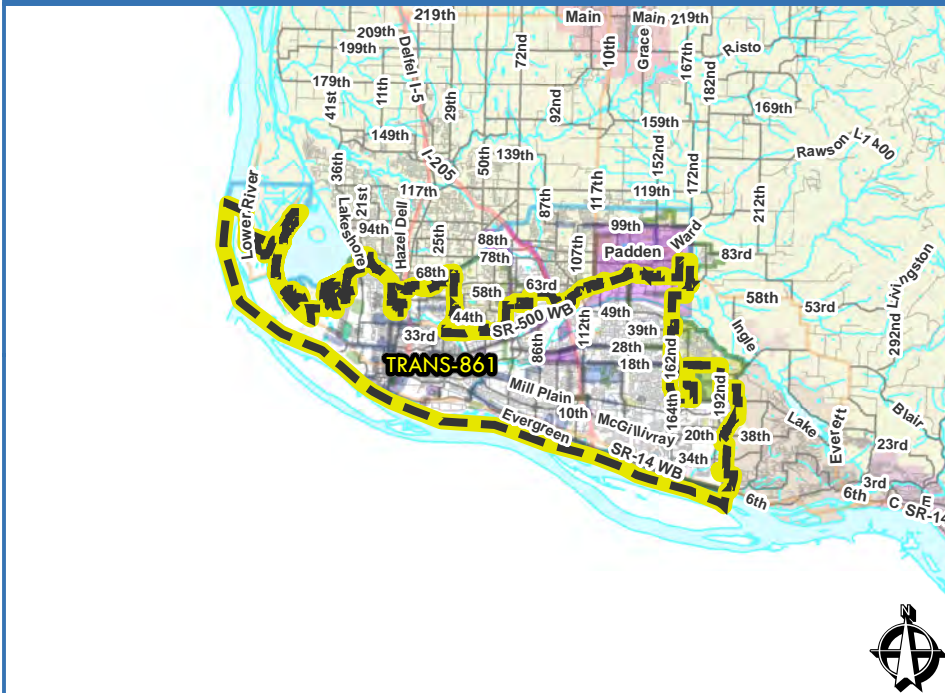
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **WESTSIDE BIKE MOBILITY**

PROJECT EXTENT: **DOWNTOWN**

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	Pending Funding
Funding Status:	Pending Funding

PROJECT DESCRIPTION

Project Description / Comments

Implement multiple bicycle facility enhancements in the downtown area as recommended by the westside mobility study.

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Pending Funding
Existing Funds:	Potential
SFS Funds:	Potential
Grant Funds:	No
Total Proj. Cost:	\$3,000,000.00
*Start of Construction (Year):	

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



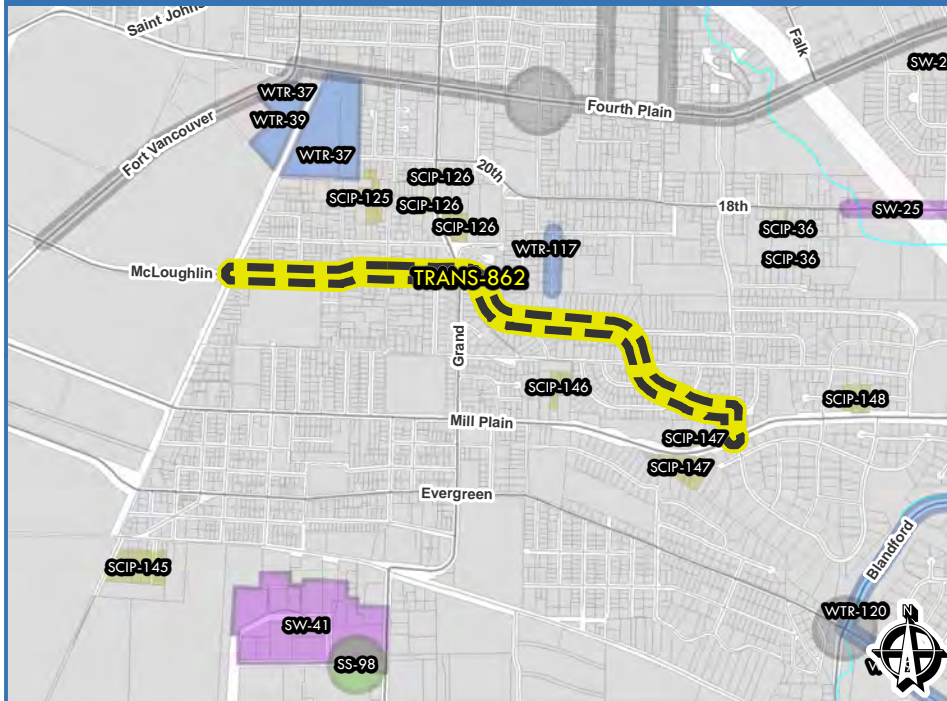
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **MCLOUGHLIN BOULEVARD COMPLETE STREET**

PROJECT EXTENT: **RESERVE STREET**

TO: **MILL PLAIN BOULEVARD**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	Pending Funding
Funding Status:	Pending Funding

PROJECT DESCRIPTION

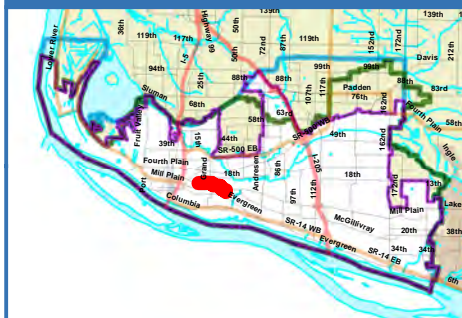
Project Description / Comments

Install a bicycle facility along McLaughlin and other improvements to make it a complete street.

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

Funding Status:	Pending Funding
Existing Funds:	Potential
SFS Funds:	Potential
Grant Funds:	No
Total Proj. Cost:	\$1,500,000.00
*Start of Construction (Year):	

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



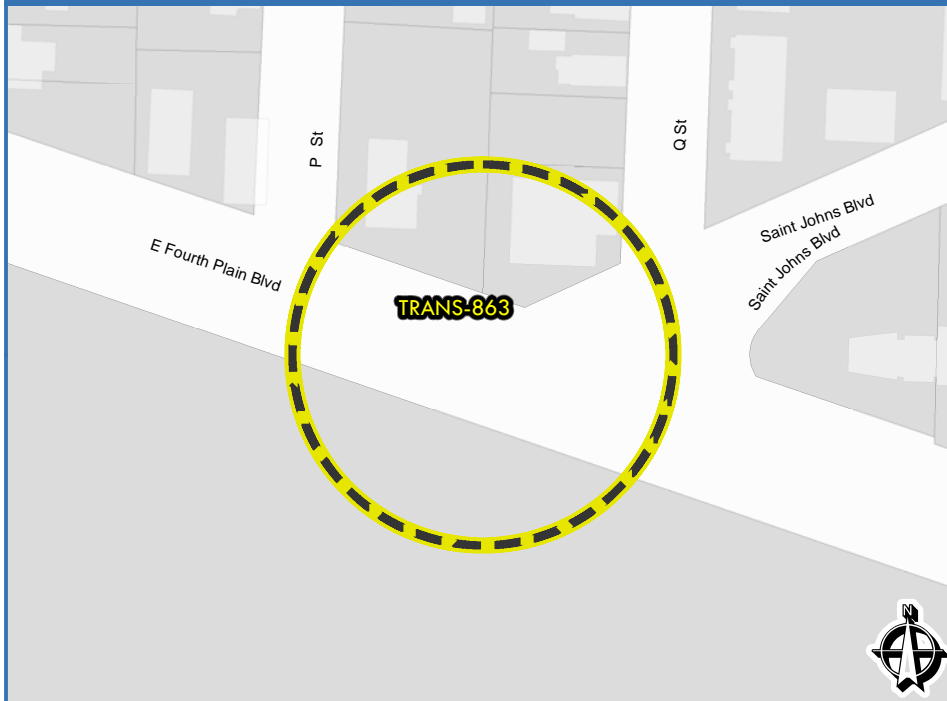
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **FOURTH PLAIN BOULEVARD AND ST. JOHNS BOULEVARD INTERSECTION IMPROVEMENT**

PROJECT EXTENT: **FOURTH PLAIN BOULEVARD**

TO: **ST. JOHNS BOULEVARD**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	On Hold
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Upgrade the signal at Fourth Plain and St. Johns and associated civil improvements.

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

Funding Status:	Unfunded
Existing Funds:	Potential
SFS Funds:	Potential
Grant Funds:	No
Total Proj. Cost:	\$350,000.00
*Start of Construction (Year):	

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



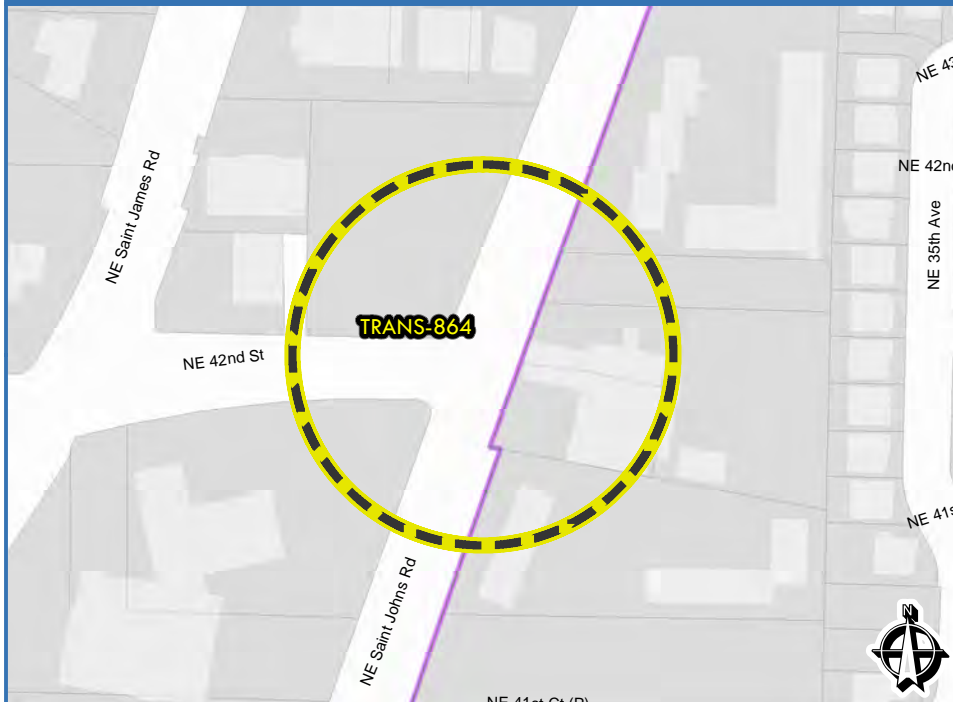
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **ST. JAMES BOULEVARD AND NE 42ND STREET INTERSECTION IMPROVEMENT**

PROJECT EXTENT: **ST. JAMES BOULEVARD**

TO: **42ND STREET**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	On Hold
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Install a signal at St. James and NE 42nd street as well as associated civil improvements.

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

Funding Status:	Unfunded
Existing Funds:	Potential
SFS Funds:	Potential
Grant Funds:	No
Total Proj. Cost:	\$350,000.00
*Start of Construction (Year):	

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



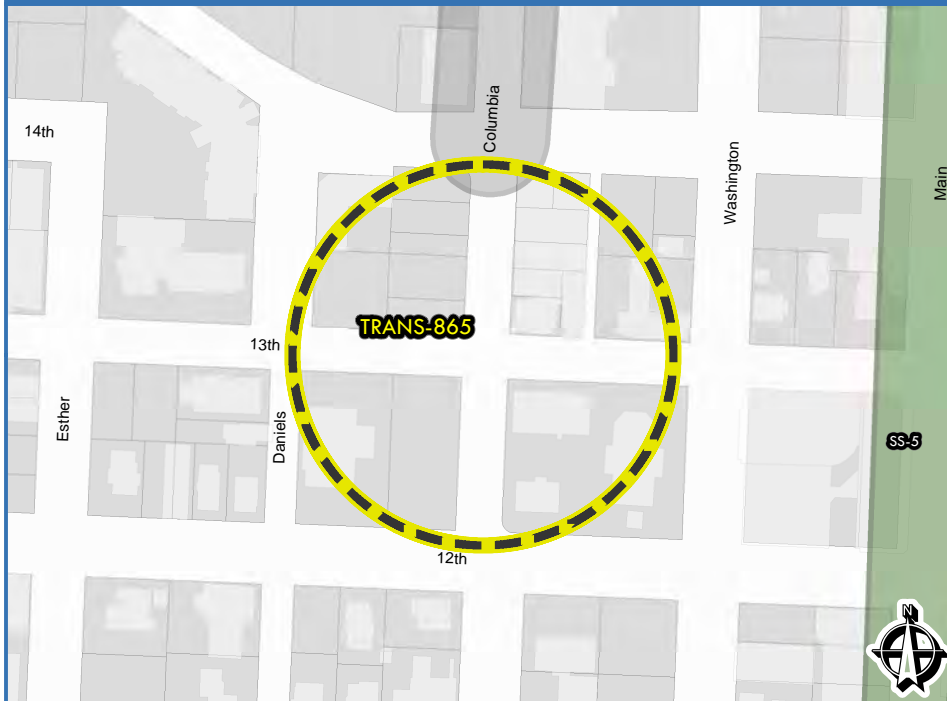
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **COLUMBIA STREET AND W 13TH STREET INTERSECTION IMPROVEMENT**

PROJECT EXTENT: **COLUMBIA STREET**

TO: **13TH STREET**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	On Hold
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Upgrade the signal at Columbia Street and 13th Street as well as associated civil improvements.

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

Funding Status:	Unfunded
Existing Funds:	Potential
SFS Funds:	Potential
Grant Funds:	No
Total Proj. Cost:	\$350,000.00
*Start of Construction (Year):	

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



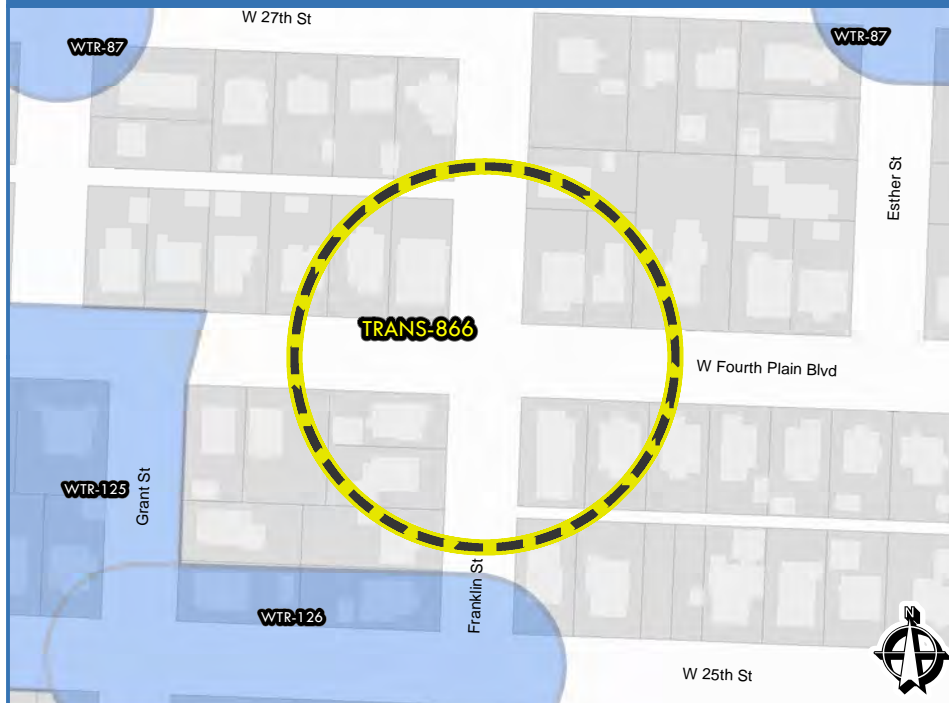
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **FOURTH PLAIN BOULEVARD AND W FRANKLIN STREET INTERSECTION IMPROVEMENTS**

PROJECT EXTENT: **FOURTH PLAIN BOULEVARD**

TO: **FRANKLIN STREET**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	On Hold
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Install a signal at Fourth Plain and Franklin as well as associated civil improvements.

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

Funding Status:	Unfunded
Existing Funds:	Potential
SFS Funds:	Potential
Grant Funds:	No
Total Proj. Cost:	\$350,000.00
*Start of Construction (Year):	

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



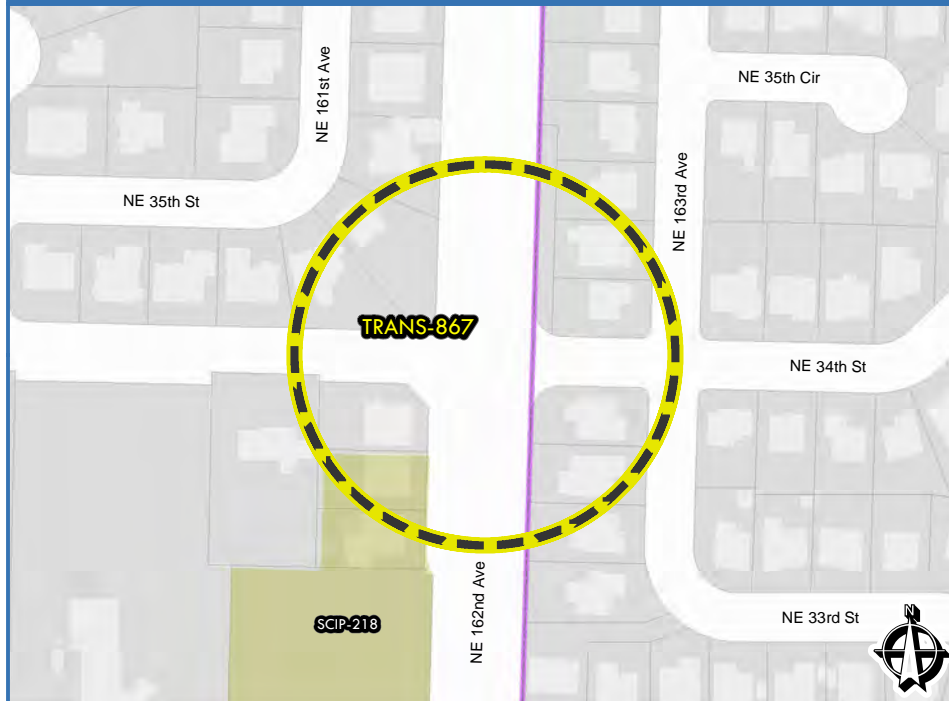
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **NE 164TH AVENUE AND NE 34TH STREET IMPROVEMENTS**

PROJECT EXTENT: **164TH AVENUE**

TO: **NE 34TH STREET**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	On Hold
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Install a signal at 164th Avenue and NE 34th Street as well as associated civil improvements.

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

Funding Status:	Unfunded
Existing Funds:	Potential
SFS Funds:	Potential
Grant Funds:	No
Total Proj. Cost:	\$350,000.00
*Start of Construction (Year):	

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



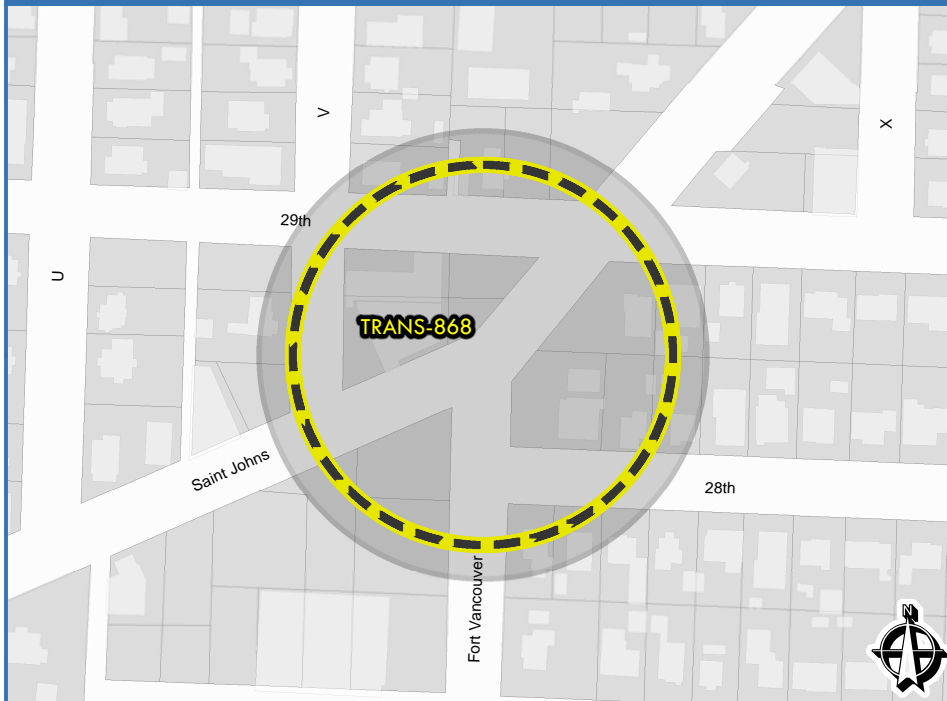
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **ST. JOHNS BOULEVARD AND FORT VANCOUVER WAY INTERSECTION IMPROVEMENTS**

PROJECT EXTENT: **ST. JOHNS BOULEVARD**

TO: **FORT VANCOUVER WAY**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	On Hold
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Install a signal at St. Johns Boulevard and Fort Vancouver Way as well as associated civil improvements.

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

Funding Status:	Unfunded
Existing Funds:	Potential
SFS Funds:	Potential
Grant Funds:	No
Total Proj. Cost:	\$350,000.00
*Start of Construction (Year):	

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



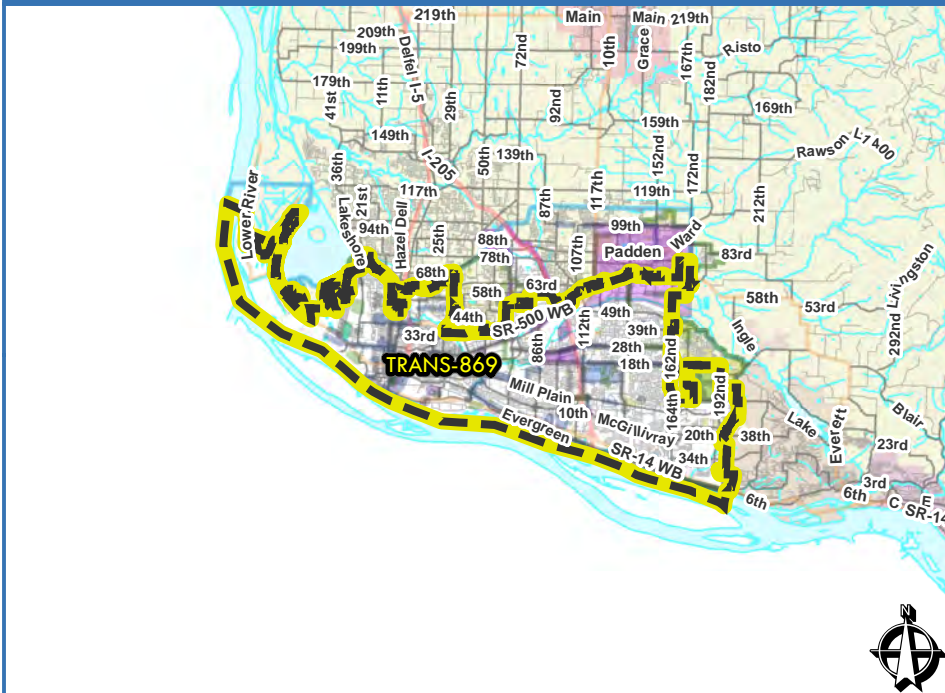
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **ANNUAL STREET LIGHT PROGRAM**

PROJECT EXTENT: **CITYWIDE**

TO:

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	On Hold
Funding Status:	Unfunded

PROJECT DESCRIPTION

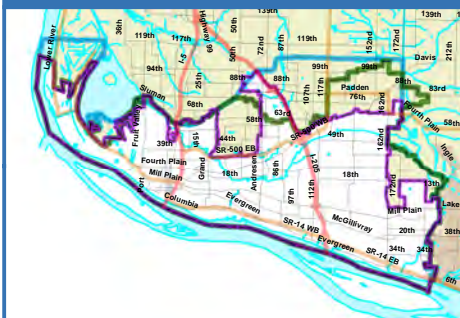
Project Description / Comments

Unfunded program to install new street lights and replace old street lights citywide. For example, 172nd Avenue from NE 8th Street to NE 18th Street.

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Unfunded
Existing Funds:	
SFS Funds:	
Grant Funds:	
Total Proj. Cost:	
*Start of Construction (Year):	

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



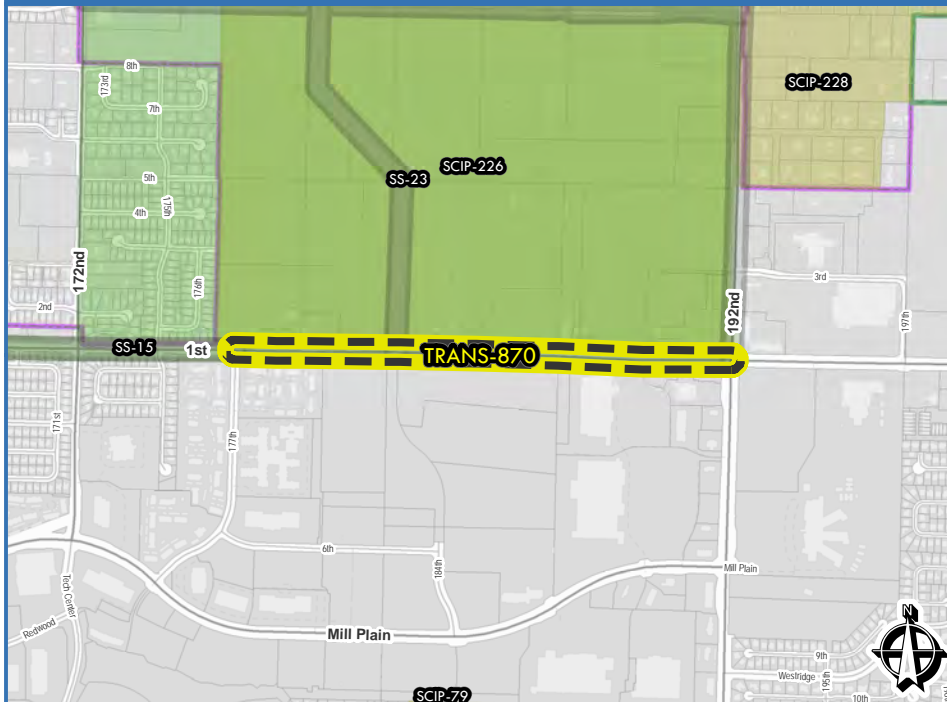
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **SE 1ST ST - SE 177TH AVE TO SE 192ND AVE**

PROJECT EXTENT: **SE 177TH AVENUE**

TO: **SE 192ND AVENUE**

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:	Transportation
Project Type:	Capacity
Project Status:	In Design
Funding Status:	Partially Funded

PROJECT DESCRIPTION

Project Description / Comments

Urban arterial upgrade of existing 2-lane rural road to increase safety, mobility and livability, and meet future subarea needs. Roadway cross section varies with 3 and 5-lane segments. Improvements include sidewalks, bike facilities, stormwater, streetlights and sound walls. Anticipated funding of west portion (164th-177th avenues) by SFS \$ and potential grants. Anticipated funding of east portion (177th to 192nd) by developer contributions, local funds and potential grants. Cost estimates shown here are for west only.

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Partially Funded
Existing Funds:	Potential
SFS Funds:	Potential
Grant Funds:	Potential
Total Proj. Cost:	\$10,000,000.00

*Start of Construction (Year):

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



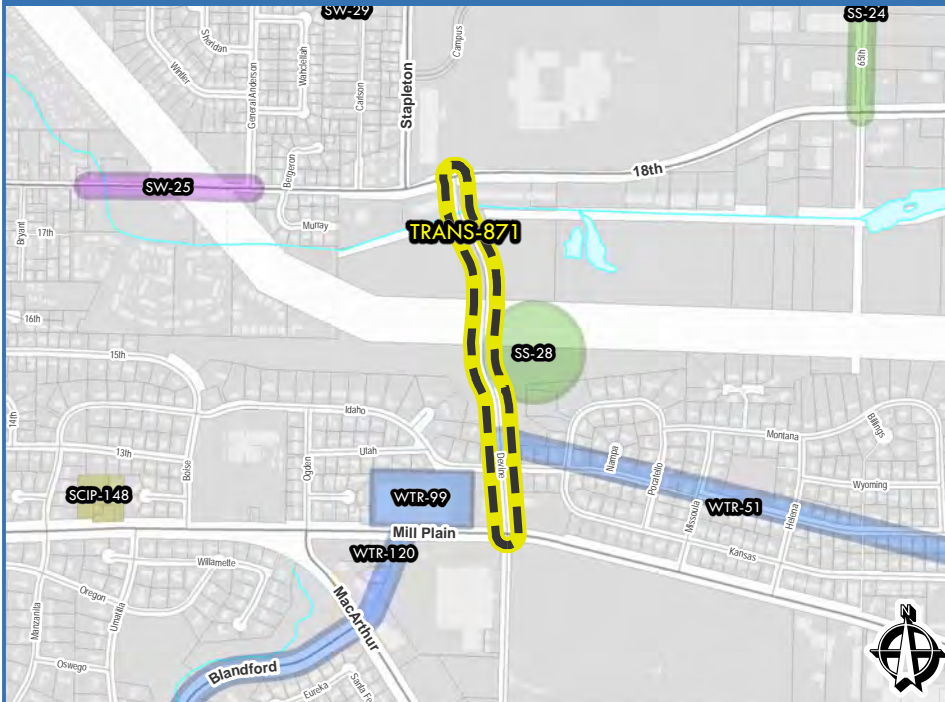
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: DEVINE ROAD PEDESTRIAN IMPROVEMENTS

PROJECT EXTENT: **MILL PLAIN BOULEVARD**

TO: **E 18TH STREET**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	Pending Funding
Funding Status:	Pending Funding

PROJECT DESCRIPTION

Project Description / Comments

Install a safe and continuous pedestrian facility along Devine Road from Mill Plain to 18th Street.

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

Funding Status:	Pending Funding
Existing Funds:	Potential
SFS Funds:	Potential
Grant Funds:	Potential
Total Proj. Cost:	\$1,100,000.00

***Start of Construction (Year):**



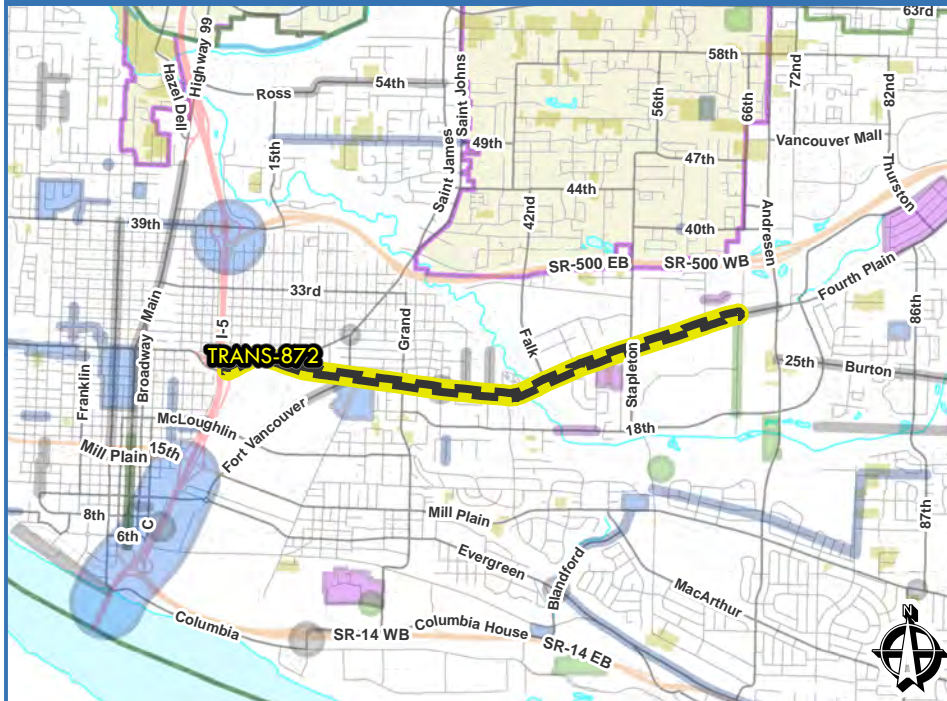
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **FOURTH PLAIN ROAD DIET I-5 TO 65TH AVENUE**

PROJECT EXTENT: **I-5**

TO: **65TH AVENUE**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	Pending Funding
Funding Status:	Pending Funding

PROJECT DESCRIPTION

Project Description / Comments

Narrow 4th Plain from a four-lane facility with center turn lane to a two-lane facility with center turn lane. Also, install pedestrian and bicycle enhancements along the corridor.

LEGEND

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

VICINITY MAP



FUNDING & SCHEDULE

Funding Status:	Pending Funding
Existing Funds:	No
SFS Funds:	Potential
Grant Funds:	Potential
Total Proj. Cost:	\$3,500,000.00
*Start of Construction (Year):	2020

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **MAIN STREET ROAD DIET FROM FOURTH PLAIN TO 39TH STREET**

PROJECT EXTENT: **FOURTH PLAIN BOULEVARD**

TO: **39TH STREET**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	Pending Funding
Funding Status:	Unfunded

PROJECT DESCRIPTION

Project Description / Comments

Narrow Main Street from a four-lane facility to a two-lane facility with center turn lane. Also, install pedestrian and bicycle enhancements along the corridor.

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

Funding Status:	Unfunded
Existing Funds:	Potential
SFS Funds:	Potential
Grant Funds:	Potential
Total Proj. Cost:	\$800,000.00
*Start of Construction (Year):	

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **E 5TH STREET IMPROVEMENTS - FORT VANCOUVER TO RESERVE (FLAP GRANT)**

PROJECT EXTENT: **FORT VANCOUVER WAY**

TO: **RESERVE STREET**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	Pending Funding
Funding Status:	Pending Funding

PROJECT DESCRIPTION

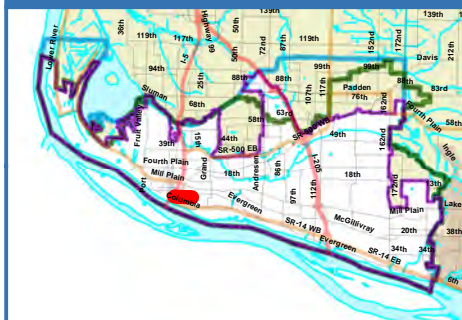
Project Description / Comments

Improve pavement, parking, and sidewalk along 5th Street between Fort Vancouver Way and E Reserve.

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

Funding Status:	Pending Funding
Existing Funds:	Potential
SFS Funds:	Potential
Grant Funds:	Potential
Total Proj. Cost:	

***Start of Construction (Year):**

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



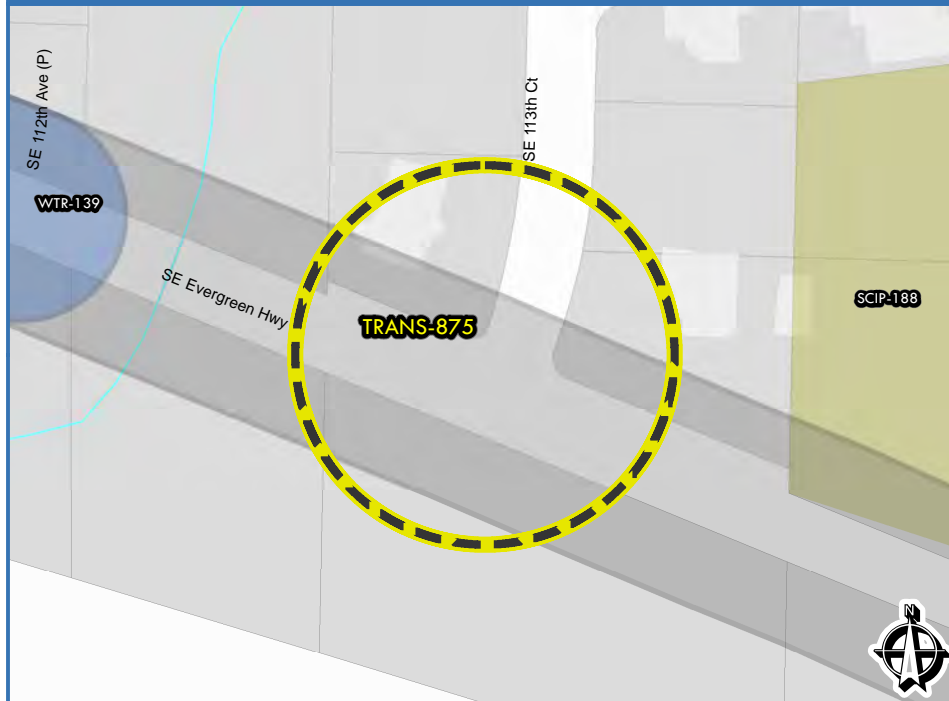
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **EVERGREEN HIGHWAY AND E 113TH AVENUE PEDESTRIAN CROSSING**

PROJECT EXTENT: **OLD EVERGREEN HIGHWAY**

TO: **E 113TH AVENUE**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	In Design
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Install speed cushions and a flashing beacon at Evergreen Highway and 113th Avenue.

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

Funding Status:	Funded
Existing Funds:	Yes
SFS Funds:	No
Grant Funds:	No
Total Proj. Cost:	\$100,000.00
*Start of Construction (Year):	

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



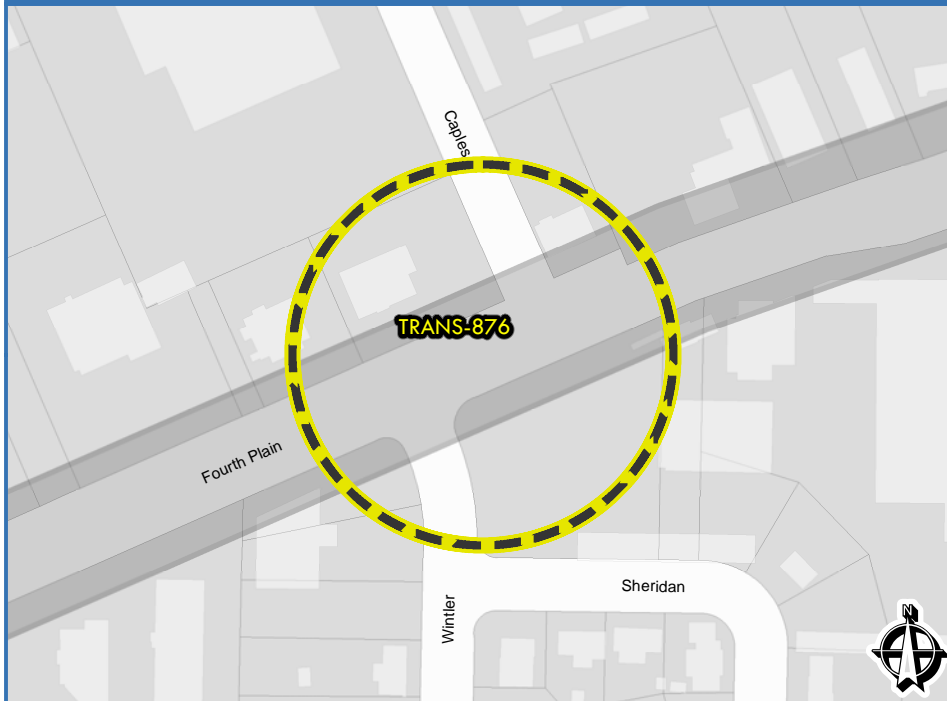
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **FOURTH PLAIN AND CAPLES/WINTLER INTERSECTION IMPROVEMENTS**

PROJECT EXTENT: **CAPLES AVENUE**

TO: **WINTLER DRIVE**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Multimodal
Project Status:	In Design
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Install civil improvements and other crossing enhancements to improve safety for pedestrians and bicyclists crossing Fourth Plain.

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

Funding Status:	Funded
Existing Funds:	No
SFS Funds:	Yes
Grant Funds:	Yes
Total Proj. Cost:	\$268,000.00
*Start of Construction (Year):	2018

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

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.



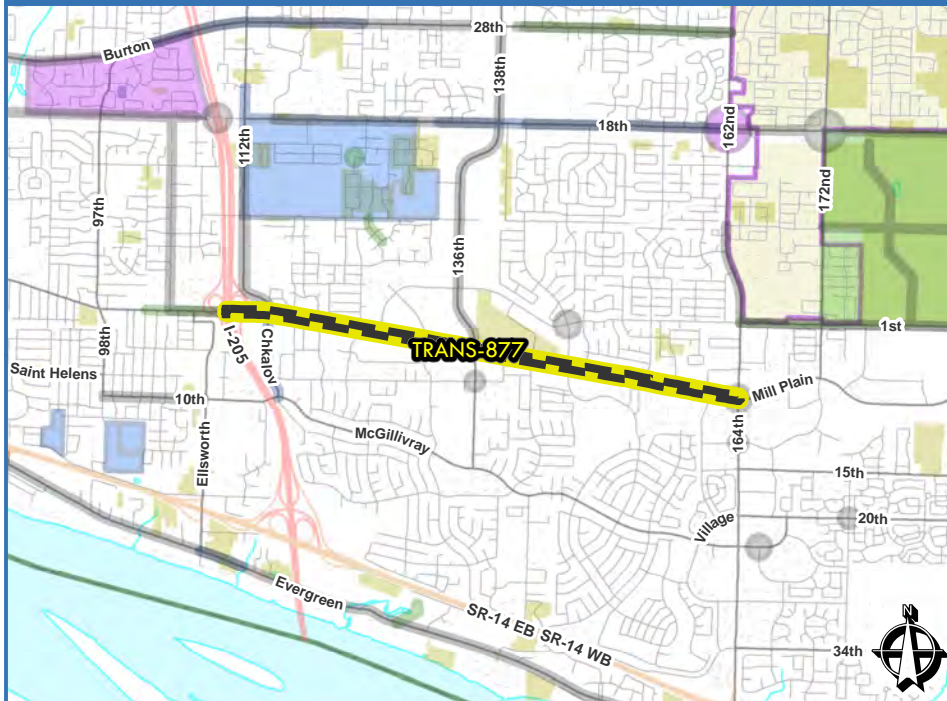
2019 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: **MILL PLAIN ARRIVAL ON GREEN PROJECT**

PROJECT EXTENT: **I-205**

TO: **164TH AVENUE**

PROJECT AREA MAP



PROJECT SUMMARY

Program/Discipline Type:	Transportation
Project Type:	Traffic
Project Status:	In Design
Funding Status:	Funded

PROJECT DESCRIPTION

Project Description / Comments

Install signal equipment to monitor how well Transit Signal Priority (TSP) is working along Mill Plain and to see how TSP is impacting other users along the corridor.

LEGEND

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

VICINITY MAP



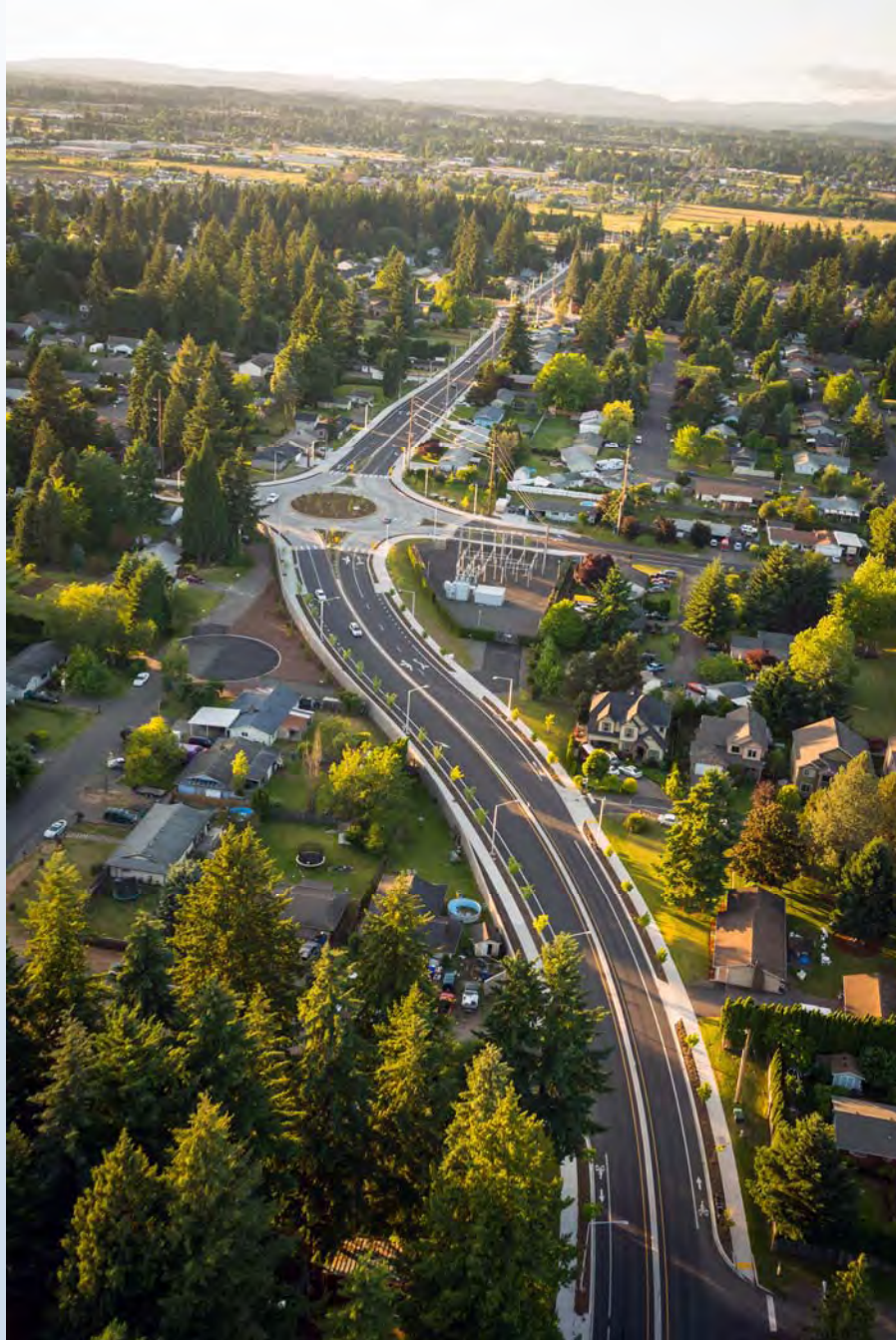
FUNDING & SCHEDULE

Funding Status:	Funded
Existing Funds:	Yes
SFS Funds:	No
Grant Funds:	Yes
Total Proj. Cost:	\$92,000.00
*Start of Construction (Year):	

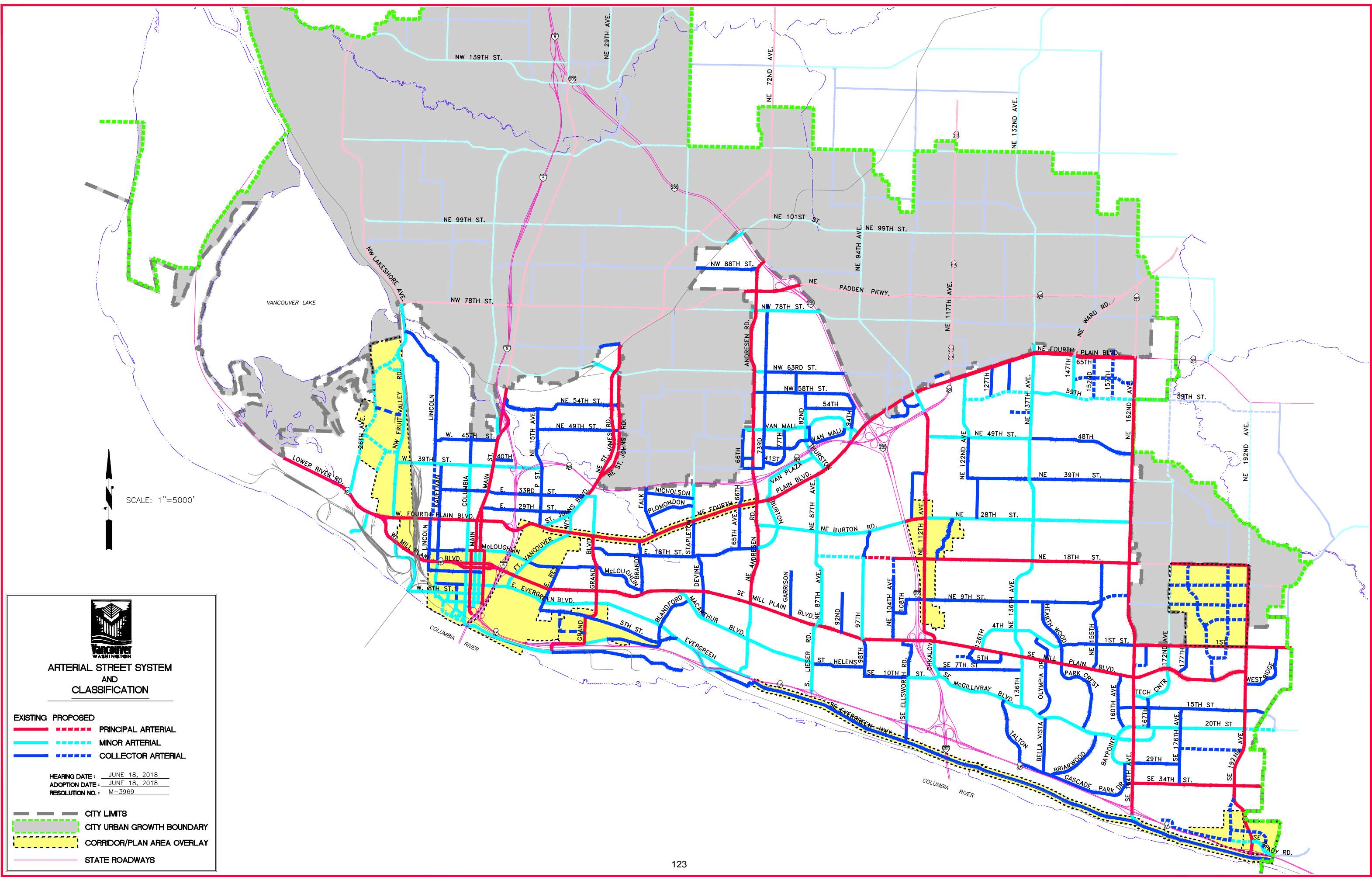
*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

**Utility CIP projects (WTR-XXX, SS-XXX, SW-XXX & SCIP-XXX) can be found in the 6 Year Public Works Capital Improvement Program (CIP) document.

Arterial Map Update



STREETS - ARTERIAL CLASSIFICATION CHANGES	
New Designation:	Recommendation
Redesignation:	
NE 137th Avenue (4th Street to 9th Street)	Remove from arterial map due to proximity of other arterials (NE 136th Avenue on the west and Hearthwood on the east.)
Other:	





GLOSSARY

FREQUENTLY USED TERMS AND ACRONYMS

ACP

Annual Construction Program or Asphalt Concrete Pavement

ADA

Americans with Disabilities Act

ADT

Average Daily Traffic

AIP

Arterial Improvement Program (TIB funding Program)

Access

Access is a means of approach to provide vehicular or pedestrian entrance or exit to a property. This may not necessarily include all movements.

Access Management

Access management is the process of providing and managing access to land development while preserving the regional flow of traffic in terms of safety, capacity and speed.

A.M. Peak Hour

Identified by a one-hour period in the morning when traffic flow increases. The A.M. peak hour typically occurs between 6:30 a.m. and 9 a.m. Traffic volumes occurring during the A.M. peak hour are used to calculate the overall operation of a roadway or intersection.

ARRA

American Recovery and Reinvestment Act. Also referred to as an economic stimulus package, ARRA was enacted by Congress in February 2009. The act provides \$28.35 billion for improving and maintaining transportation infrastructure throughout the United States.

Arterial

An arterial is a major street carrying the traffic of local and collector streets to and from freeways and other major streets. Arterials generally have traffic signals at intersections and may have limits on driveway spacing and street intersection spacing. Further details can be found in the Vancouver Municipal Code (11.80.040).

Biological Assessment

A biological assessment is an environmental document required for compliance with the Endangered Species Act for projects with federal funding or permits.

CAT

Citizen Advisory Team

CCRP

Corridor Congestion Relief Program (State funding source)

CDBG

Community Development Block Grant. Block grants are targeted for low and moderate-income areas. Improvements typically consist of sidewalk and capital improvement programs.

CMAQ

Congestion Mitigation and Air Quality Improvement (Federal funding source). This funding is for projects that create a direct air quality benefit, leading toward attainment or maintenance of a National Ambient Air Quality Standard (NAAQS).

CN

Construction

CTL

Center-Turn Lane

C-TRAN

Clark County Public Transportation Benefit Area Authority, the transit agency for Clark County, Washington.

CWP

Clean Water Program

Capacity

The maximum rate of flow at which vehicles can be reasonably expected to traverse a point or uniform segment of a lane or roadway during a specified time period under prevailing roadway, traffic, and control conditions; usually expressed as vehicles per hour. In the project list spreadsheets *Capacity* is a term used to describe a subset of projects that upgrade existing substandard streets to urban arterial standards. This subset of projects typically improves more than just vehicle capacity. They also improve the pavement section, street lighting, bicycle, pedestrian and ADA facilities.

Collector Streets – Urban Collector

Collectors – Urban Collector. *Urban collector* provides for land access and traffic circulation within and between residential neighborhoods, and commercial and industrial areas. Direct access to adjacent land uses, however, is still subordinate to traffic movement. Access to abutting properties is controlled through the use of raised channelization, driveway spacing and pavement markings. Typically, collectors are not continuous for any great length, nor do they form a connected network by themselves.

Comprehensive Plan

Long-range plan, typically looking 20 to 50 years into the future, which is intended to guide growth and development of a community. Comprehensive Plans are required by the Washington State Growth Management Act for specific counties and cities in Washington State. The Plans establish goals and policies for managing population growth and land development while ensuring that the growth is adequately served by public facilities.

Concurrency

The Concurrency ordinance (VMC 11.95) was adopted in response to the Washington State Growth Management Act, which required local jurisdictions to adopt level-of-service (LOS) standards for the arterial road system and to ensure maintaining those standards when considering new development. This process is called *Concurrency*. Concurrency applies to any development, land division, site plan and conditional use permit approvals.

EA

Environmental Assessment

Environmental Review

The consideration of environmental factors as required by the Washington State Environmental Policy Act (SEPA). The environmental review process is the procedure used by agencies and others under SEPA for giving appropriate consideration to the environment in agency decision-making. (WAC 197-11-746).

Enhancement

In the project list spreadsheets *Capacity* is a term used to describe a subset of projects that upgrade pedestrian or bicycle facilities, or otherwise enhance the livability of the community through upgrades to the street system.

ESA

The Endangered Species Act was established in 1973 to preserve ecosystems of endangered and threatened species. The Act was recently amended to include various species of fish, wildlife, and plants throughout the United States.

FAST Act

On December 4, 2015, President Obama signed the Fixing America's Surface Transportation (FAST) Act (Pub. L. No. 114-94) into law—the first federal law in over a decade to provide long-term funding certainty for surface transportation infrastructure planning and investment. The FAST Act authorizes \$305 billion over fiscal years 2016 through 2020 for highway, highway and motor vehicle safety, public transportation, motor carrier safety, hazardous materials safety, rail, and research, technology, and statistics programs. The FAST Act maintains our focus on safety, keeps intact the established structure of the various highway-related programs we manage, continues efforts to streamline project delivery and, for the first time, provides a dedicated source of federal dollars for freight projects. With the enactment of the FAST Act, states and local governments are now moving forward with critical transportation projects with the confidence that they will have a federal partner over the long term.

Growth Management

A group of strategies used by a government to direct the timing, location and type of development in a community

Growth Management Act (GMA)

The State of Washington's Growth Management Act was adopted in 1990 to address the negative consequences of unprecedented population growth and suburban sprawl in the State. The GMA requires all cities and counties in the State to plan for future growth, with more extensive requirements for the largest and fastest-growing counties and cities in the State. Its requirements include guaranteeing the consistency of transportation and capital facilities plans with land use plans.

HES

Hazard Elimination System/Safety (Federal Funding Source). The objective of this fund is to improve specific locations which constituted a danger to vehicles or pedestrians as shown by frequency of accidents.

HIS-HRRP

In 2008, a portion of the funding provided through Federal Transportation Act SAFETEA-LU was made available for safety grants. Funds were provided through the Highway Safety Improvement Program (HSIP) and the High Risk Rural Roads Program (HRRRP).

HOV

High-Occupancy Vehicle

Impacts

Impacts are the effects or consequences of actions. Environmental impacts are effects upon the elements of the environment.

Interchange

A system of interconnecting roadways in conjunction with one or more grade separations, providing for the movement of traffic between two or more roadways on different levels

Intersection

The general area where two or more roadways join or cross, within which are included the roadway and roadside facilities for traffic movements in that area.

ITS

Intelligent Transportation System

Land Use

The type of activity associated with a specific geographic area. Land-use categories can be broad (e.g., residential, retail, office, industrial, and recreational), or they can be very specific (e.g., single-family residential, convenience market, or elementary school). In order to estimate trip generation characteristics for a specific geographic area, it is necessary to know both the type and intensity of land use (e.g., single-family residential land use at a development intensity of eight units per acre).

Level of Service (LOS)

The Level of Service is a grading system developed by the transportation profession to quantify the degree of comfort (including such elements as speed, travel time, number of stops, total amount of stopped delay, and impediments caused by other vehicles) afforded to drivers as they travel through an intersection or roadway segment. LOS is expressed as a letter grade that ranges from "A", indicating that drivers will experience little, if any delay, to "F", indicating significant traffic congestion and driver delay will occur.

MVFT

Motor Vehicle Fuel Tax

Mitigation

(1) Avoiding impacts altogether by not taking a certain action or parts of an action; (2) minimizing impacts by limiting the degree or magnitude of the action and its implementation by using appropriate technology, or by taking affirmative steps to avoid or reduce impacts; (3) rectifying impacts by repairing, rehabilitating, or restoring the affected environment; (4) reducing or eliminating impacts over time by preservation and maintenance operations during the life of the action; (5) compensating for impacts by replacing, enhancing or providing substitute resources or environments; and/or, (6) monitoring impacts and taking appropriate corrective measures (WAC 197-11-768).

Mode

The means by which travel is accomplished. Alternative modes of travel include walking, bicycling, auto, bus, light rail, airplane, ferry, etc.

NAAQS

The National Ambient Air Quality Standards were set up by the Environmental Protection Agency (EPA) to help mitigate the health impacts of air pollution. EPA established NAAQS measure for six pollutants that include carbon monoxide, ozone, particulate matter, lead, sulfur dioxide, and nitrous oxide.

Non-attainment Area

Geographic area in which air pollution levels exceed the NAAQS. (See above.)

Peak Hour

A period of 60 consecutive minutes during which an intersection or roadway system experiences the greatest amount of traffic volume

P.M. Peak Hour

A one-hour period in the afternoon or evening when traffic flow increases. The P.M. peak hour typically occurs between 4 and 6 p.m. Traffic volumes occurring during the P.M. peak hour are used to calculate the overall operation of a roadway or intersection.

PE

Preliminary Engineering

PSE

Plans, Specifications and Estimates

PSMP

Pedestrian Safety and Mobility Program

PWB

Public Works Board. The Public Works Board was created by the 1985 State Legislature. The Board is composed of local government officials, special purpose district representatives and private sector members. The mission of the Washington State Public Works Board is "to assist Washington's local governments and private water systems in meeting their public works needs to sustain livable communities." The Board is authorized to loan money to counties, cities, and special purpose districts to repair, replace, or create domestic water systems, sanitary sewer systems, storm water systems, roads, streets, solid waste and recycling facilities and bridges.

PWTF

Public Works Trust Fund. This trust fund is administered by the Public Works Board. The PWTF Construction and Pre-construction Loan Programs provide funds to design, repair, replace or create a facility. These loans have a 5- to 20-year term with an interest rate of one-half percent. Maximum for any agency is \$10 million per biennium.

RCW

Revised Code of Washington. Contains all laws of the state of general and permanent nature.

REET

Real-estate Excise Tax

RTC

Southwest Washington Regional Transportation Council. RTC is the regional transportation planning agency for Clark, Klickitat and Skamania counties.

WW&RP

Washington Wildlife and Recreation Program

Right-of-Way/ROW

Right-of-way is property held by the City for existing or future public roads or other public improvements.

Roadway Conditions

The geometric characteristics of the street or highway, including the type of facility and its development environment, the number of lanes (by direction), lane and shoulder widths, lateral clearances, design speed, and horizontal and vertical alignments.

Roadway

A roadway is the improved portion of an easement or right-of-way, excluding curbs, sidewalks and ditches. Road, roadway and street are used as interchangeable terms.

Roadway Section

A roadway section is a cross-section of a roadway which displays, travel lanes, turning lanes, bike lanes, sidewalks and medians with their respective dimensions. Each classification of roadway has a corresponding roadway section.

SAFETEA-LU

Safe, Accountable, Flexible, Efficient Transportation Equity Act - A Legacy for Users (SAFETEA-LU. The Act was signed into law by the President on August 10, 2005.). With

guaranteed funding for highways, highway safety and public transportation totaling \$244.1 billion, SAFETEA-LU represents the largest surface transportation investment in our nation's history. The two landmark bills – the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) and the Transportation Equity Act for the 21st Century (TEA-21) – shaped the highway program to meet the nation's changing transportation needs. SAFETEA-LU builds on this firm foundation, supplying the funds and refining the programmatic framework for investments needed to maintain and grow our vital transportation infrastructure.

SEPA

State Environmental Policy Act. SEPA is a state law requiring agencies to consider the environmental consequences of their decisions. (WAC 197-11-790).

SFS

Street Funding Strategy (SFS). Refers to any revenue sources approved in 2015. Including Utility tax increase of 1.5%, Business License Surcharge increase, Transportation Benefit District (TBD) licensing fee revenues, and/or retired debt service being redirected to transportation improvements.

STP

Surface Transportation Program (Federal funding source). The objective of the STP is to fund construction, reconstruction, resurfacing, restoration and rehabilitation of roads functionally classified as arterials.

STP-C

Surface Transportation Program – Competitive Grant

STP-E

Surface Transportation Program – Enhancement Grant

STP-TMA

Surface Transportation Program – Transportation Management Area Grant

Signal Warrant

A criterion that must be met before the installation of a traffic signal can be considered.

Significant/Significance

- 1) *Significant* as used in SEPA means a reasonable likelihood of more than a moderate adverse impact on environment quality.
- 2) *Significance* involves context and intensity and does not lend itself to a formula or quantifiable test. Context may vary with the physical setting. Intensity depends on

magnitude and duration of an impact. Severity of an impact should be weighed along with the likelihood of its occurrence. An impact may be *significant* if its chance of occurrence is not great, but the resulting environmental impact would be severe if it occurred. (WAC 197-11-794).

SWCAA

Southwest Washington Clean Air Agency. A government agency responsible for air pollution control and planning in Clark, Cowlitz, Lewis, Skamania and Wahkiakum Counties.

SYS

Traffic Signal System Improvement

TBD

Transportation Benefit District (TBD). In the state of Washington, a Transportation Benefit District is a quasi-municipal corporation and independent taxing district that can raise revenue for specific transportation projects, usually through vehicle license fees or sales taxes. RCW 36.73 authorizes cities (see also RCW 35.21.225) and counties to form TBDs. In other uses, TBD is a common term meaning "to be determined."

TDM

Transportation Demand Management. A demand-based technique for reducing traffic congestion, such as ride-sharing programs and flexible work schedules enabling employees to commute to and from work outside of peak hours.

TEA-21

The Transportation Equity Act for the 21st Century was signed on June 9, 1998, superseding the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991. This bill provides Federal transportation dollars for Federal, State and Local agencies. The majority of benefits associated with ISTEA are continued or expanded upon through TEA-21. Also, see SAFETEA-LU.

TIB

Transportation Improvement Board. A state funding agency that administers several state funding programs. The mission of the TIB is to assist local agencies to preserve and improve transportation systems by providing financial assistance, supporting economic development, promoting multi-jurisdictional and multi-modal coordination and to promote public/private cooperation.

TIF

Transportation Impact Fee. TIF is the traffic impact component of a development impact fee. An impact fee is a fee levied on a developer by the county as compensation for expected effects of the development.

TIMACS

Transportation Information Management and Control System

TIP

Six-Year Transportation Improvement Program

TPP

Transportation Partnership Program (TIB Funding Program)

TS

Traffic Signal Project

TSNS

Traffic Safety Near Schools

TSO

Traffic Signal Optimization

UAP

Urban Arterial Program (State funding source), formally known as the Arterial Improvement Program. This program was established by the State in 1967 as the Urban Arterial Trust Account (UATA) and designated as the AIP in July 1999. The purpose of this program is to fund city and urban county arterial road and street projects to reduce congestion and improve safety, geometrics and structural concerns.

UCP

Urban Corridor Program (State funding source), formally known as the Transportation Partnership Program. This program was established by the State in 1988 as the Transportation Improvement Account (TIA) and designated as the TPP in July 1999. The purpose of the program is to fund projects on the regional transportation plan that are necessitated by existing or future congestion due to economic growth.

UR-SP

Urban Sidewalk Program (State funding source), formally known as the Pedestrian Safety and Mobility Program. This program was established by the TIB in 1994 as the Pedestrian Facilities Program (TIA-PFP) and designated as the PSMP in July 1999. The program goal is to enhance and promote pedestrian mobility by providing funding for pedestrian projects that provide access and connectivity of pedestrian facilities.

V/C Ratio

Ratio of volume to capacity for a traffic facility

Volume

Number of vehicles passing a point on a lane or roadway during some time interval, often taken to be one hour, but may also be expressed in terms such as sub-hourly, daily or annually.

WAC

Washington Administrative Code. The WAC is laws adopted by state agencies to implement state legislation.

WSDOT

Washington State Department of Transportation. WSDOT is a department of the State of Washington responsible for transportation-related planning, management and coordination.

Zoning

A map and ordinance text which divides a city or county into land use “zones” and specifies the types of land uses, setbacks, lot size, and size restrictions for buildings within each zone.



For additional information see
www.cityofvancouver.us/streetstip
or
www.cityofvancouver.us/betterstreets



To request other formats, please contact:
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