

Vancouver Public Works PO Box 1995
Vancouver, WA 98668-1995 www.cityofvancouver.us/StreetsTIP
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## RESOLUTION NO,

$\qquad$
A RESOLUTION adopting the City of Vancouver's Comprehensive Six-Year Transportation Improvement Program for 2024-2029 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 2024-2029 ("2024-2029 TIP"); and

WHEREAS, the purpose of the 2024-2029 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 2024-2029 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 2024-2029 TIP was published in accordance with law; and

WHEREAS, the City Council conducted a public hearing on June 26, 2023 at 6:30 p.m., where it considered the 2024-2029 TIP and determined to adopt it.

NOW, THEREFORE,

RESOLUTION - 1

## BE IT RESOLVED BY THE CITY OF VANCOUVER:

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

Section 2. City Council hereby adopts the 2024-2029 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 2024-2029 Comprehensive Six-Year Transportation Improvement Program.

Section 4. The City Manager or his designee is hereby directed to file the 2024-2029 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 26, 2023.

Anne McEnerny-Ogle, Mayor

Attest:
Approved as to form:

Natasha Ramras, City Clerk
Jonathan Young, City Attorney

## RESOLUTION - 2

## TRANSPORTATION IMPROVEMENT PROGRAM OVERVIEW

The City of Vancouver's 2024-2029 Transportation Improvement Program (TIP) is an update of the City's 2023-2028 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.

For information about the City's Comprehensive Plan, contact Vancouver Planning at 360-487-7803. For questions or more information about specific transportation projects, please contact Vancouver Public Works at 360-487-7130, or visit the City's website: www.cityofvancouver.us

Projects are added to the TIP each year as needed based on input from citizens, staff, the development community, adopted subarea plans, other agencies, advocacy groups, and as new grant opportunities arise. Projects are removed from the TIP each year once they are constructed. In some cases, a project is removed because the project is no longer needed although this is rare. Citizens can request to have a project added or removed by clicking on the link on the City's TIP web page:

## https://www.cityofvancouver.us/tip

A City of Vancouver Arterial Street System and Classification Map which designates roadways functionally classified as Arterials pursuant to VMC 11.80 .040 and VMC 9.02.040 is adopted and attached hereto.

The 2024-2029 TIP continues the project prioritization pilot. Staff utilized the City's comprehensive plan policies, financial policies, and strategic goals to define criteria to prioritize transportation projects. The process will be further refined as part of the upcoming Transportation System Plan update, but this interim process allowed staff to prioritize projects based on the City's policies and goals. The scoring is from 0-100 and can be found on the left side of the funded and partially funded project lists.

## 2024-2029 Transportation Improvement Program (TIP)

Thank you for your interest in the City's Transportation Improvement Program. Transportation is an essential part of what makes Vancouver a thriving community. Each year, the City prepares a Six-Year Transportation Improvement Program (TIP), which serves as a detailed work program for all future projects. Projects listed in the TIP include planning studies, major street improvements, and traffic signal improvements. These improvements provides safety and accessibility for all modes of travel. In accordance with Washington State law, the TIP document is updated annually, with final City Council approval required before July 1 of each year. To be eligible for state or federal grants, projects must be listed in the TIP. The TIP is posted on the City's website, along with ability for the public to submit project suggestions or questions, in keeping with community transparency and accountability.

Funding for Vancouver's transportation system projects and programs has traditionally come from several revenue sources, including state gas tax and retail and property taxes through the City's General Fund. Vancouver's Street Funding Strategy, adopted by City Council in late 2015, has dedicated additional revenue sources to help fund TIP projects and improve travel and safety throughout the community. The largest single source of the Street Funding Strategy is the City's Transportation Benefit District (TBD), which generates approximately $\$ 5$ million in annual revenues from vehicle license renewal fees. TBD funds are dedicated to improving the City's transportation system, partially funding both the City's capital improvement program and the pavement management program. New in 2023, the TBD implemented a $0.01 \%$ sales tax within the City limits specifically for transportation complete street projects. The new sales tax is estimated to generate approximately $\$ 4.5$ million in new revenue in 2023 and approximately $\$ 6$ million per year after. Additionally, the City Council revised the way the business license surcharge is calculated which is anticipated to bring in an additional \$2 million per year in future years.

Going forward, the City of Vancouver's 2024-2029 Six-Year TIP considers remaining revenues from the Street Funding Strategy.
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Vancouver's TIP continues to exceed the state statutory requirements by providing a comprehensive look at communitywide projects and programs, reflecting our commitment to transparency in projects and funding.

As a part of this year's TIP update, City staff continued a pilot project designed to develop a methodology for the prioritization of capital improvement projects within the TIP. This project has resulted in a series of tangible metrics that determine how a project is ranked within the overall TIP. This prioritization will help determine the City's priorities when pursing grant funding opportunities for transportation projects. The pilot project was an interim solution until a more permanent scoring system could be implemented. A permanent prioritization strategy will be established with the update to the City's Transportation Systems Plan and will be used for next year's TIP update.

Our future, in part, depends upon our ability to invest in public infrastructure in a way that both preserves our community's neighborhoods and supports its economic well-being. Through responsible funding and systematic planning, design, construction, maintenance, operations, and improvements, the City of Vancouver is committed to continued efficient and cost-effective management of its public assets to provide the highest, most sustainable service possible for all users. Highlights for the 2024-2029 TIP are shown on the next page.

Lon Pluckhahn, Deputy City Manager
Deputy City Manager
(Acting) Public Works Director

Ryan Lopossa, P.E.

Streets and Transportation Manager

## UPDATE THIS FOR 2024-2029 Transportation Improvement Program Highlights:

Transportation System Plan (TSP) Update: Work began in 2019 on the plan, to guide all aspects of the transportation system. The update will include the development of seven integrated modal plans; streets, active transportation, demand management, freight, transit, and smart mobility. Complete Streets policies and citywide collision study will guide future transportation program, policies, and projects. Importantly, extensive public outreach, which includes an increased focus on previously excluded communities in transportation planning efforts, will help inform the update.

Neighborhood Traffic Calming Program: Funded at \$300,000 annually, this program works with the Neighborhood Traffic Safety Alliance (NTSA) to enhance neighborhood livability.

## Multimodal Safety and Accessibility Program: For

 2022-2024, the program will focus on implementing some key safety improvements along SE 34 ${ }^{\text {th }}$ Street, Ft. Vancouver Way, McGillivray, NE 68 ${ }^{\text {th }}$ StreetGrant Efforts: The City is pursuing opportunities to fund Jefferson Street Realignment and NE $18^{\text {th }}$ Street ( $97^{\text {th }}$ to $107^{\text {th }}$ ) as well as utilizing COVID19 grant revenues to improve $4^{\text {th }}$ Plain Boulevard and Main Street.

Other Major Projects: The 2024-2029 TIP identifies funding for many projects, which require several years for planning, design, right-of-way, and construction phases. These include:

- Southeast 1 st Street, from $177^{\text {th }}$ to $192^{\text {nd }}$ is fully funded and is planned to go to construction in 2023.
- Northeast 137th Ave, from Northeast 49th Street to Northeast Fourth Plain Boulevard: Federal environmental approval was received in 2018. Right-of-way acquisition is underway. Construction is planned to start in late 2023 or early 2024.
- Northeast 18th Street, from Northeast 97th Avenue to Northeast 107th Avenue, ROW acquisition and final engineering design is currently underway with construction planned for 2025/2026.
- Main Street Reconstruction (5 ${ }^{\text {th }}$ Street to 15 th Street) is currently under design. Construction is planned to begin in 2024.


# Transportation Related Policies "Vancouver Comprehensive Plan 2011-2030", Adopted Nov. 7, 2011 (Chapter 5 - Public Facilities and Services) 

PFS-4 - TRANSPORTATION SYSTEM: Develop and maintain an interconnected and overlapping transportation system grid of pedestrian walkways, bicycle facilities, roadways for automobiles and freight, transit service, and high-capacity transit service. Include support programs such as traffic operations, transportation demand management, neighborhood traffic management, and the regional trails program. Work towards completing and sustaining individual components and programs to ensure success of the entire system.

PFS-5 - SYSTEM BALANCE: Allocate resources to balance transportation choices. Promote development of a broader range of transportation options including pedestrian, bike, and transit systems, rather than focusing all resources on satisfying peak commuting demand with roadway capacity alone.

PFS-6 - TRANSPORTATION SAFETY: Ensure high safety standards for motorists, pedestrians, and bicyclists through the development and capital improvement processes. Allocate city capital resources to high risk and collision location for motorists, bicyclists, and pedestrians.

PFS-7 - TRANSPORATION FINANCE: Develop recurring and dedicated funding for a complete transportation program, including system operation and maintenance. Leverage local funding with innovative and aggressive finance strategies including partnerships, grant development, efficient debt, and fee-based funding sources.

PFS-8 - TRANSPORTATION CIRCULATION AND SYSTEM CONNECTIVITY: Develop a transportation grid that provides good connections to surrounding land uses and activity centers and allows for multiple circulation routes to/from each location. Close gaps and complete system connections through the development and capital improvement processes.

PFS-9 - LAND USE AND TRANSPORTATION INTEGRATION: Develop and implement innovative transportation investment, design, and program incentives to achieve the urban environment envisioned in the Comprehensive Plan.

PFS-10 - LIVABLE STREETS: Design streets and sidewalks and manage vehicular traffic to encourage livability, interaction, and sense of neighborhood or district ownership in linkage with adjacent land uses. Encourage multi-modal travel, and provide accessible, human scale opportunities for transferring between travel modes.

PFS-11 - TRANSPORTATION ACCESSIBILITY: Build an accessible transportation system focused on inter-model connectivity and removing barriers to personal physical mobility.

PFS-12 - TRANSPORTATION SYSTEM EFFICIENCY: Invest in and improve efficiency of the transportation system with multi-modal design, advanced traffic management and operations technology, demand management strategies and high-frequency transit service.

PFS-13 - NEIGHBORHOOD TRAFFIC: Protect and enhance neighborhoods with an active program that focuses on safety, safe routes to school, traffic calming, education, and enforcement.

PFS-14 - TRANSPORATION REGIONAL AND METROPOLITAN COORDINATION: Coordinate Vancouver's transportation plans, policies, and programs with those of other jurisdictions serving the greater Metropolitan area to ensure a seamless transportation system. Focus particularly on cooperation with the Southwest Washington Regional Transportation Council, Washington State Department of Transportation, Clark County and C-TRAN.

PFS-16 - ECONOMIC DEVELOPMENT: In order to support the continued economic vitality of Vancouver, major transportation system investments should facilitate freight mobility, job creation, regional competitive position, and revenue growth.

PFS-17 - VEHICLE MILES TRAVELED: Use transportation and land use measures to maintain or reduce single occupant motor vehicle miles traveled per capita to increase system efficiency and lower overall environmental impacts.

PFS-18 - STREET DESIGN: Design city streets to achieve safety and accessibility for all modes. Arterial streets shall provide facilities for automobile, bike, pedestrian and transit mobility, and shall include landscaping and adequate lighting.

PFS-19 -
PARKING STANDARDS: Adopt coordinated parking standards which maintain neighborhood integrity, promote the use of a multi-modal transportation system, and efficient utilization of limited land, and encourage desired economic development and growth throughout the entire urban area.

## Comprehensive Plan Policy for Asset Management <br> "Vancouver Comprehensive Plan 2011-2030", Adopted Dec. 16, 2013 <br> Chapter 5 - Public Facilities and Services)

PFS-35 - City public facility assets shall be systematically managed to balance full life cycle costs, performance, risk, and service levels, using best management practices and data.

## Financial Policies for Capital Planning and Asset Management (City of Vancouver Financial Policies as adopted Nov. 16, 2020)

34. In pursuit of an asset management strategy that prioritizes safety, equity and climate action, the City will:

- Consider the climate impacts of asset investments and pursue asset management strategies that reduce its contribution to climate change over time.
- Consider equity impacts of capital projects and asset management strategies and prioritize investments that improve equity within the City.
- Consider the potential improvements to community safety associated with capital investments and prioritize investments that improve community safety, particularly in the transportation system.

35. Asset management best practice involves managing the performance, risk and expenditures on infrastructure assets in an optimal and sustainable manner throughout their lifecycle covering planning, design, construction, operation, maintenance, and disposal. The City shall integrate the principles and best practices of Asset Management such as those embodied in the International Infrastructure Management Manual in the management of its assets.
36. Asset Inventory will be maintained with maintenance, repair and deferred maintenance costs identified and updated on an annual basis.
37. Maintenance of city assets shall be addressed on a current need, rather than deferred into the future.
38. In 2015, Council adopted a New Street Funding Program in response to formal recommendations from a citizen-led effort. Revenues from this program were established to supplement without supplanting street funding resources identified in the 2015-2016 Adopted Biennial Budget. Annual reporting to the Council and the residents of outcomes achieved through the Streets Funding Initiative Program has been initiated in 2017 and shall continue into the future. The City will maintain funding of the Pavement Management Program at no less than that in the 2015-2016 Biennial Adopted Budget level increased by an appropriate inflationary factor, if necessary. To ensure accountability and transparency, the increase in program level funded by the new Street Funding Program revenue sources will be fully costed, budgeted for and spent
from special funds created to track direct operation, capital and administrative expenses. Annual reporting of the outcomes will be published for the residents and the City Council prior to the end of the first quarter of each year for the prior year beginning for fiscal year 2016.
39. The City will redirect to the new Street Funding Program expiring debt service budget from pre-2015 debt issues for Transportation projects, beginning with debt expiring in 2016.
40. A six-year City-Wide Capital Improvement Program shall be developed annually and shall provide a prioritized list of reasonably funded projects and those in process of securing funding. Capital Improvement Plans for utility assets shall be updated no less frequently than every two years. The comprehensive plan will identify longer-term capital needs by program area.
41. Funding for capital projects, including major facilities maintenance projects, will be allocated in a manner that balances community needs with City priorities, the potential for attracting matching funds, and the ability to reduce or limit expenses in future years.
42. The City's objective is to incorporate a "pay-as-you-go" approach (using available cash and current resources) in the Capital Improvement program.
43. 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.
44. 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.
45. Impacts on net annual operating and maintenance costs will be identified as part of the funding considerations for new capital projects such as buildings, parks, and street enhancements. This includes identifying potential reductions in maintenance costs if improvements are funded. The necessary funds to operate the capital facility will be identified at the time the capital budget is adopted.

## City of Vancouver Title VI Plan

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

In addition to the Title VI Coordinator, Title VI Specialists will be named in the following program areas:
Transportation Design and Engineering
Transportation Right of Way
Transportation Environmental Services
Transportation Administration, Public Information and Outreach
Human Resources
Procurement

## I. 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

11/22/2022
Date


## Public Outreach Efforts

The City of Vancouver (City) engage and educate the public on current and future projects in hopes to gain feedback and comments. There is an online dashboard available for reviewing all projects listed in the Transportation Improvement Program (TIP) as well as all utility projects in the City's 6 -Year Capital Improvement Program (CIP) at this website www.cityofvancouver.us/tip. There have been efforts to reach out to community organizations and partners serving historically excluded and underrepresented communities. Outreach City channels includes neighborhood associations, communitybased organizations, Neighborhood Traffic Safety Alliance, Be Heard, website, newsletters, social media etc., Transportation and Mobility Commission (TMC), and City Council. TIP suggestions and questions can be submitted here for consideration: www.cityofvancouver.us/tip

## Public Comments and Reponses for 2024-2029 TIP

## Date Name Comment:

Over 20 cars have been trapped by more than 3 trains for over an hour trying to go home from Wintler Park. The train is parked. No movement
4/7/2022 Anonymous whatsoever. Please make a passthrough!

## Response:

The fix to avoid the at-grade railroad crossing would be very expensive and may not be possible due to grades and the railroad's right-of-way. The existing crossing has been made as safe as possible with the industry standard crossing protections. The delay to traffic may be inconvenient but is not a high priority for the City's Transportation Department. Therefore, a project is not proposed to be added to the 6-year Transportation Improvement Program. The City is working with the Railroad to evaluate why trains need to stop in this area and what measures can be undertaken elsewhere along their system to minimize this disruption.

## Comment:

It's awful to ride a bicycle in the city. Bike lanes disappear, neighborhoods are siloed, attitudes of motorists are harmful. I'm sick of needing a car to get places in the city. It's essentially no better than when I was a child. We need to do better.

## Response:

The City is actively working to improve the safety and connectivity for bicyclists and other non-motorized wheeled (multimodal) devices citywide. Almost all the projects listed in our TIP install or upgrade facilities for these multimodal devices. Multimodal facilities are continually being installed/upgraded with our capital projects, with our pavement management program, and by the development community. The city also utilizes education and outreach to promote multimodal safety for both the users of these devices and traditional motorists. In addition, the city has recently provided additional funding for our complete street program in the coming years so even more work will be able to be done in the future.

4/18/2022 Anonymous

4/18/2022 Anonymous

4/25/2022 Anonymous

## Comment:

Get rid of the pedestrian crossings that go from yellow, to solid red to flashing red. Drivers rarely stop when they go to flashing red thinking that the person has already crossed so it is free to just go. They are dangerous because from the pedestrian side they still show a walking person so they think they have a free crossing. Put in a regular stop light because drivers know what they mean. Again the yellow, solid red to flashing red are DANGEROUS!

## Response:

You are referring to the pedestrian crossings known as "HAWK" signals. These pedestrian signals are considered an industry standard best practice for making mid-block pedestrian crossings as safe as possible. The City follows the Manual for Uniform Traffic Control Devices (MUTCD) rules for operating these signals. Per the MUTCD, the signal operates as you have described. When a pedestrian activates the signal, it goes from dark to yellow, letting oncoming traffic know that it's about to turn red. From yellow, it turns to solid red, which requires oncoming traffic to come to a complete stop at the crossing. It remains solid red for a period of time sufficient to allow pedestrians to cross the street. It then transitions to a flashing red for an additional period of time, where motorists, having come to a complete stop and yielded for any pedestrians in the crosswalk, can proceed through the crossing. The signal then returns to dark mode and awaits the next actuation. The City continues to evaluate the use of HAWK signals on a case by case basis.

## Comment:

Bicycles need their own lane, not to share the lane with cars.

## Response:

The City follows industry best practices for bicycle and other multimodal facilities. Some facilities work well sharing the lanes with cars if the facility is signed and marked properly and the vehicle speeds and volumes are low. As vehicle speed and volume increases, shared facilities are not recommended. The City continues to evaluate shared multimodal facilities on a case by case basis and following industry best practices.

## Comment:

Regarding the Interstate bridge: 1) Light rail between Portland and Vancouver should go to where people work. There should be Stops near all the warehouses along marine drive. The same goes for the Vancouver side. People will use light rail if it goes where and when they need to go. 2) If there are tolls put in place they need to be affordable.

## Response:

The Interstate Bridge Replacement Program (IBRP) is a joint mega project between the States of Oregon and Washington. The City of Vancouver is a stakeholder in the project and has been providing comments and recommendations. Citizen comments should be submitted here: l-5 Bridge Replacement Program (interstatebridge.org). More information can be found on the City's website: Interstate Bridge Replacement (IBR) Program

## $\perp$ City of Vancouver, Washington, USA

## Comment:

It's important to extend light rail between Portland and Vancouver, as well as have safe bike and pedestrian paths across the Columbia river. Please be sure to address this in the 15 bridge upgrade plans.

## Response:

The Interstate Bridge Replacement Program (IBRP) is a joint mega project between the States of Oregon and Washington. The City of Vancouver is a stakeholder in the project and has been providing comments and recommendations. Citizen comments should be submitted here: l-5 Bridge Replacement Program (interstatebridge.org). More information can be found on the City's website: Interstate Bridge Replacement (IBR) Program $\perp$ City of Vancouver, Washington, USA

## Comment:

## Response:

The City of Vancouver is excited about the Vine too. You can find out more information about the Mill Plain Vine here: BRT Home (catchthevine.com)

## Comment:

I would like to see a stronger emphasis on the development of infrastructure to support the additional apartments and multi housing units when they replace a single house on an acreage. I see many areas where 1 farmhouse is removed and 30 or 60 apartments are put in but the access is on a 2 lane road with no better way to move $30 x$ the people and cars except through lines and waiting. (ie 72nd Ave and 119 th St area, Walnut Grove area.

## Response:

The City's TIP does not dictate frontage/non-frontage road improvement requirements for private development. Road improvements for private development are outlined within multiple sections of title 11 of the Vancouver Municipal Code (VMC). Here is the link to title 11 of the VMC: Title 11 Streets and Sidewalks ${ }^{\text {Vancouver Municipal Code. Additionally, }}$ you can find the City's standard details for road improvements here: Transportation Development Review Information | City of Vancouver, Washington, USA. The City reviews every private development for impacts on the City's street system. Developments are required to mitigate their impacts on the street system to the maximum extend allowable by law.

## 9/4/2022 Anonymous

## Comment:

Parking in the places where multiple houses are put in. I see the streets becoming the parking lot for under planned living areas. Could you require 1 parking spot for every bedroom and add 1 to accommodate the fact that one room will be a couple with 2 cars. For example a 3 bedroom apartment needs 4 parking spaces on site, off the street to be approved; a 2 bedroom unit needs 3 parking spaces etc. Thank you.

## Response:

The City's TIP does not dictate parking requirements for private development. Parking requirements for private development are outlined within multiple sections of title 20 of the Vancouver Municipal Code (VMC). Here is the link to title 20 of the VMC: Title 20 Land Use and Development Code | Vancouver Municipal Code. You can submit comments about parking standards to the following email: cddplanning@cityofvancouver.us

## Comment

192nd where it goes to 2 lanes is insane. If they have a soccer event it's even worse.

## Response:

The City move projects forward as resources allow including $192^{\text {nd }}$ Avenue from SE $1^{\text {st }}$ Street to NE $18^{\text {th }}$ Street. The City recently received a federal grant from the Regional Transportation Council (RTC) to begin design of $192^{\text {nd }}$ Avenue from SE $1^{\text {st }}$ Street to NE $18^{\text {th }}$ Street. The project is listed in the TIP on the partially funded list (TRANS-607). The right-ofway phase and the construction phase are currently unfunded, but the City will continue to pursue funding options to move this project forward.

## Comment

What's the plan for 4th plain and 500.

## Response:

The City recently received a federal grant from the Regional Transportation Council (RTC) to begin design of $192^{\text {nd }}$ Avenue from SE $1^{\text {st }}$ Street to NE $18^{\text {th }}$ Street. The project is listed in the TIP on the partially funded list (TRANS-607). The right-of-way phase and the construction phase are currently unfunded, but the City will continue to pursue funding options to move this project forward. In addition, the City is working with the owners (Clark County) and operators (Washington Timbers) of the Harmony Sports Complex on a proposal to install a new entrance to the complex at the existing signalized intersection located at 192 ${ }^{\text {nd }}$ Avenue/NE $13^{\text {th }}$ Street. This new access will provide a much needed improvement to safety and traffic circulation in this area during the sporting events held at the complex.

Referencing the intersection of Fourth Plain Blvd, SR-500 and SR-503, this intersection is jointly managed by the City and the Washington State Department of Transportation (WSDOT). WSDOT is currently studying the SR-503 corridor and specifically, what can be done at this intersection to

9/5/2022 L. Stevenson

## Response:

There are two projects proposed in the TIP along NE $112^{\text {th }}$ Avenue. The one you referenced (TRANS-719) is an arterial improvement project to bring NE $112^{\text {th }}$ Avenue up to urban arterial standards. This will be a very expensive due to the built environment along both sides of NE $112^{\text {th }}$ Avenue. The City continues to pursue funding options for this project. The other project is a newly added project in the funded list. It is a complete street project with the goal of improving safety for pedestrians and bicyclists along NE $112^{\text {th }}$ Avenue from Chkalov Road to Fourth Plain Blvd. This project is planned to be done in conjunction with paving work along the corridor expected to be done in 2025 or 2026.

## Comment:

1.) In the last 6 months I have reported over 400 burnt out street lights in southeast Vancouver. The City of Vancouver's website states that 13,500 of the 18,000 street lights inside city limits have been replaced. I think it is time to replace the rest. The remaining lights are high pressure sodium lights that are not energy efficient. They are old and constantly burning out. I report one, it gets fixed, and the next one goes out. They are constantly blinking on and off. I would love to see these funds go towards finally finishing this project, as street lights improve livability.
2.) Incomplete sidewalks are a liability for the city. For example, if you go down SE Olympia Dr, you will see incomplete sidewalks with ADA ramps. So a disabled person will use the ADA ramp and go down a sidewalk, only to end up in someone's yard, rather than the end of the sidewalk.
3.) It is time to complete Trans-857. SE McGillivray turns into SE 10th St and it is the only portion of the road that is tight and dangerous for pedestrians. With how fast people speed down this stretch, it has become a hazard for pedestrians. Please install sidewalks and ADA ramps along SE 10th St from SE 98th Street to Ellsworth Road.
4.) I was pleasantly surprised to see the north end of SE 192nd included on the list. However, without the completion of SE 18th St, this will leave a huge gap in movability. The north end of SE 192nd connects to NE 18th St in the shape of an L. Traffic volumes there have increased exponentially. After all these years of having east Vancouver incorporated into city limits, it is time that we get an urban upgrade to this major arterial.

## Response:

1.) The City continually monitors street light outages and fixes outages as quickly as possible. The City recently upgraded approximately 13,000 street lights to Light Emitting Diode (LED) bulbs which are much more energy efficient and reliable. The City continues to work on upgrading the rest of the City's street lights to LED as resources allow. The TIP has an ongoing program to install/upgrade streetlights along City streets (TRANS-869).
2.) The City is actively working to improve pedestrian safety and connectivity citywide. Almost all the projects listed in our TIP install or upgrade pedestrian facilities. Pedestrian facilities are continually being installed/upgraded with our capital projects, with our pavement management program, and by the development community. In addition, the City has recently provided additional funding for our complete street program in the coming years so even more work will be able to be done in the future.
3.) The City move projects forward as resources allow including TRANS857. Currently there is no timeframe for funding, however the City has recently provided additional funding for our complete street program, which includes sidewalk improvement projects. Hopefully, this allows the SE $10^{\text {th }}$ Street sidewalk project to move forward in the coming years.
4.) The City move projects forward as resources allow including TRANS607. The City recently received a federal grant from the Regional Transportation Council (RTC) to begin design of 192 ${ }^{\text {nd }}$ Avenue from SE $1^{\text {st }}$ Street to NE $18^{\text {th }}$ Street. The project is listed in the TIP on the partially funded list (TRANS-607). The right-of-way phase and the construction phase are currently unfunded, but the City will continue to pursue funding options to move this project forward. NE $18^{\text {th }}$ Street is listed in the TIP in several phases due to the length of the corridor. The phase that connects to NE $192^{\text {nd }}$ Avenue is TRANS-349. That phase of $18^{\text {th }}$ Street is currently unfunded, but we continue to work on $18^{\text {th }}$ Street phase by phase and it will be completed as resources allow.


## Funding Overview

The City of Vancouver's Transportation Improvement Program consists of three different project lists: funded projects, partially funded projects and unfunded projects. Projects on the funded list are considered fully funded for design, right-of-way acquisition, and construction. Projects on the partially funded list have funding for design and/or right-of-way acquisition, but do not have full funding for the construction phase. Projects on the unfunded list do not have any funding allocated to them at this time. There is a very large backlog of unfunded projects due to limited funding. The City works to move projects from the unfunded list to the partially funded list and the funded list as resources allow.

## Street Funding Strategy

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

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

The 2021 annual street funding strategy report to the community and more information about the TBD can be found here:
http://www.cityofvancouver.us/tbdb/page/vancouver-transportation-benefit-district

## Local Funding Sources

Public Sources:
Vehicle License Fee: Fee authorized by the Vancouver Transportation Benefit District and collected by the Washington State Department of Licensing. Fee paid at time of license renewal, resulting in estimated annual revenue of $\$ 5 \mathrm{M}$.
$\mathbf{0 . 1}$ \% Sales Tax: Authorized by the Vancouver Transportation Benefit District and collected by the Washington State Department of Revenue. Tax paid on the sale of goods within the Vancouver City limits, resulting in estimated annual revenue of $\$ 6 \mathrm{M}$.
Motor Vehicle Fuel Tax aka State Gas Tax: Typically, about $\$ 3.5$ million per year.
REET: Real estate excise tax, varies per year, depending on real estate transactions.
Bonds (debt): Periodically the City sells bonds for transportation construction projects. Revenues to pay those debts come from several sources including gas tax, general fund, REET, and business license surcharge.
Business License Surcharge (BLS): Beginning in 2023, the City overhauled the way the BLS is calculated. Approximately $70 \%$ of the BLS goes towards paying Transportation debt service and other Transportation related expenses. City Council temporarily suspended collection of the BLS fee for some businesses into 2022 to support businesses negatively impacted by the COVID-19 crises. Therefore, BLS revenues are expected to be approximately $50 \%$ less for 2021 and 2022 then fully recover in 2023.
Utility Tax: 1.5\% Utility Tax on gross receipts for city-owned utilities including water, sewer, surface water and solid waste. This tax raises \$1.5M annually.

## Private Sources:

Direct Construction: Private developers are required to build or improve on-site roadways and may also be required to make off-site improvements to comply with concurrency or SEPA impacts.
Traffic Impact Fees (TIF): The City maintains a TIF program (fees paid by a developer per new trip) which historically covers about $10 \%$ of the annual construction program.
Proportionate Share Contributions: Developer contributions toward an improvement project to meet concurrency or safety requirements.

## Grant Programs

## Federal Grant Programs:

RAISE: Rebuilding American Infrastructure with Sustainability and Equity-competitive, discretionary grant awarded by U.S. Department of Transportation to local agencies; focus is on large scale transportation projects that catalyze economic development.
Earmarks: Earmarks are federal discretionary spending funds allocated by Congress for specific projects that are not required to go through the competitive grant allocation process.
CMAQ: Congestion Mitigation and Air Quality Program funds are administered like STBG funds.
CDBG: Community Development Block Grant—periodically available for public street infrastructure (typically used for small sidewalk and ADA ramp improvements).
STBG: Surface Transportation Block Grant funds are allocated by the SW Washington Regional Transportation Council and then, through a competitive grant process, to jurisdictions in the region.

TAP: Transportation Alternatives Program—provides funding for alternative modes of transportation projects (i.e. modes other than vehicles).
COVID Relief Grants: there are several grant opportunities associated with the impacts of COVID-19. The City will be using some of these grant dollars to help fund transportation projects.
Safe Streets and Roads for All (SS4A): To support planning, infrastructure, behavioral, and operational initiatives to prevent death and serious injury on roads and streets involving all roadway users, including pedestrians; bicyclists; public transportation, personal conveyance, and, micromobility users; motorists; and commercial vehicle operators.

## State Grant Programs:

Freight Mobility Strategic Investment Board: This program provides resources provide resources to make strategic investments that support freight capacity and movement.
Transportation Improvement Board (TIB): Funded with a small portion of the state gas tax, TIB is the main source for state grant funds to state agencies. Vancouver competes with other urban jurisdictions in Washington State for funds from several TIB grant programs. For example: urban arterial; urban sidewalk; and complete street programs.
Safety Routes to School: Improve safety and mobility for children by enabling them to walk and bicycle to school. Funding from this program is for projects within two-miles of primary, middle and high schools (K-12).
Pedestrian and Bicycle Program: Improve the transportation system to enhance safety and mobility for people who choose to walk or bike.
Washington Traffic Safety Commission Grant Program: Grants awarded on an annual cycle, focusing on projects that address one or more of the top Target Zero priorities including impaired driving, speeding, young drivers, seat belts and occupant protection, distracted driving, and traffic records.
WSDOT City Safety: Federal Highway Safety Improvement Program funds are allocated by the Washington State Department of Transportation (WSDOT) on a competitive basis to reduce fatal and serious injury crashes on city streets using engineering improvements/countermeasures. Regional Mobility Grant: Supports local efforts to improve connectivity between counties and regional population centers, and reduce transportation delay. The program funds: new transit services, park and ride lots, transportation demand management programs, transit speed and reliability improvements, new buses, transit service expansion.

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 Includes Street Funding Strategy revenues (SFS)*

|  | 2017 | 2018 | 2019** | 2020 | 2021 | 2022 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STREET MAINTENANCE |  |  |  |  |  |  |
| Expenses <br> Street Maintenance (funds 102 \& 103) |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Pavement Management | 10,422,494 | 11,753,010 | 12,578,666 | 5,861,428 | 15,826,629 | 13,959,111 |
| Signs and Striping | 1,253,462 | 1,388,663 |  |  |  |  |
| Signals | 1,673,480 | 1,659,464 |  |  |  |  |
| Street Lights | 1,777,258 | 1,950,805 |  |  |  |  |
| Street Maintenance | 2,300,036 | 1,877,934 | 7,431,501 | 6,360,787 | 6,951,194 | 7,875,518 |
| Administration | 3,661,398 | 3,531,296 | 772,823 | 1,111,056 | 1,087,945 | 1,006,780 |
| Traffic Engineering | 1,031,519 | 962,404 | 5,077,153 | 4,075,256 | 4,711,149 | 4,158,919 |
| Additional Right-of-Way maintenance | 555,426 | 518,692 | 778,907 | 751,806 | 943,832 | 958,017 |
| Sidewalk Maintenance | 51,068 | 127,382 | 609,942 | 368,105 | 289,595 | 573,674 |
| Transportation Design | 821,325 | 864,175 | 731,787 | 2,277,640 | 953,989 | 1,013,935 |
| Subtotal Street Maintenance Expenses | 23,547,466 | 24,633,824 | 27,980,780 | 20,806,078 | 30,764,333 | 29,545,954 |
| Transportation Debt Service paid by Fund 102 | 651,144 | 648,930 | - | - | 255,062 | 141,157 |
| Transfers to Transportation Capital | 344,274 | 471,845 | 363,163 | 1,644,985 | 335,501 | 474,088 |
| Total Street Maintenance Expenses | 24,542,884 | 25,754,599 | 28,343,943 | 22,451,063 | 31,354,896 | 30,161,199 |
| Revenues |  |  |  |  |  |  |
| Street Maintenance |  |  |  |  |  |  |
| Property Taxes | 451,919 | 204 |  |  |  |  |
| REET 1 \& 2 | 3,762,613 | 3,740,188 | 4,749,199 | 4,512,843 | 6,614,807 | 6,109,706 |
| Motor Vehicle Fuel Tax | 3,675,935 | 4,238,774 | 3,667,489 | 3,112,919 | 2,875,892 | 2,846,272 |
| General Fund | 10,988,176 | 9,307,926 | 10,500,739 | 11,274,588 | 13,021,019 | 11,497,035 |
| Grants |  |  | 1,668,000 | 247,106 | 212,661 | - |
| SFS Revenues for operations and maintenance * | 4,730,170 | 5,331,848 | 5,812,881 | 4,225,836 | 7,132,391 | 8,169,899 |
| Miscellaneous | 1,491,578 | 2,110,271 | 1,618,285 | 1,833,364 | 1,366,119 | 1,926,711 |
| Total Street Maintenance Revenues | 25,100,391 | 24,729,211 | 28,016,593 | 25,206,657 | 31,222,889 | 30,549,623 |

## TRANSPORTATION DEBT

| Expenses <br> Yearly Debt Service | 4,582,824 | 4,579,280 | 3,929,685 | 3,576,973 | 2,784,365 | 2,793,033 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenues <br> Debt Service Revenues |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| General Fund | 1,487,122 | 1,485,171 | 1,485,760 | 996,600 | 205,505 | 204,345 |
| Energy Savings in Street Fund |  |  |  | 140,000 | 140,000 | 150,000 |
| Employee Surcharge | 1,944,407 | 1,943,324 | 1,944,342 | 1,938,660 | 1,935,727 | 1,938,395 |
| Motor Vehicle Fuel Tax | 651,144 | 648,930 | - | - | - | - |
| REET | 500,151 | 501,855 | 499,583 | 501,713 | 503,133 | 500,293 |
| Total Debt Service Revenues | 4,582,824 | 4,579,280 | 3,929,685 | 3,576,973 | 2,784,365 | 2,793,033 |

TRANSPORTATION CAPITAL

| Expenses (funds $330 \& 331$ ) <br> Transportation Capital Expenses |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Capital Expenses | 17,019,355 | 6,636,538 | 7,556,686 | 11,039,560 | 4,026,993 | 17,694,644 |
| Revenues |  |  |  |  |  |  |
| Transportation Capital Revenues |  |  |  |  |  |  |
| REET | 150,490 | 167,620 | 161,672 | 165,714 | 171,372 | 182,492 |
| Grants | 12,612,119 | 1,289,167 | 1,208,674 | 2,981,921 | 911,134 | 8,467,369 |
| Developer Participation | 27,544 | 6,000 | 479,686 | 503,568 | 98,078 | 526,474 |
| Intergovernmental Loan Proceeds |  |  |  | 2,855,462 |  | - |
| General Fund | 220,862 | 34,468 | 37,431 |  | 54,682 | 663,751 |
| Street Maintenance Fund | 344,274 | 460,013 | 344,462 | 107,181 | 185,000 | 165,000 |
| Transportation Special Revenue Fund | 337,237 | 76,656 | 906,982 | 123,781 | 119,994 | 642,270 |
| TIF Funds | 678,257 | 1,623,486 | 420,003 | 855,760 | 383,321 | 924,119 |
| Bond Capital Fund | 715,757 | 1,684,090 | 1,766,098 | 331,451 | - | - |
| SFS Revenues for Capital * | 821,308 | 1,811,832 | 1,818,701 | 3,628,947 | 1,480,501 | 5,349,119 |
| Sale of land |  |  | 848,000 |  | 235,337 | - |
| Miscellaneous Revenue | 240,146 | 201,287 | 596,523 | 18,700 | 1,274,092 | 191,619 |
| Total Capital Revenues | 16,147,994 | 7,354,619 | 8,588,231 | 11,572,484 | 4,913,510 | 17,112,212 |

[^0]
## 2022 Streets Revenue Operating and Capital \$50.3 Million









## Project Implementation

Transportation capital improvement projects are added to the TIP through various sources. The various sources include the Transportation System Plan, Strategic Plan, Subarea/Corridor Plans, safety issues identified through the Local Road Safety Plan, congestion issues, private development, and public comments. Project ideas are vetted by planning and public works staff and added to the TIP accordingly.

After projects are added to the TIP, opportunities are explored for funding and coordination with other work (for example pavement management or utility work). Public outreach and further project refinement are performed during the design phase. Once projects are fully funded and designed, construction can commence. The diagram below shows how a project is developed, added to the TIP, and ultimately constructed.


## TIP Prioritization Process

The TIP Prioritization process organizes existing and potential transportation projects for the City of Vancouver in alignment with the City's strategic goals and City policies. Scoring criterion are created to reflect the strategic goals, city policies, and management directives. Each criterion is weighted according to the relative importance of the policy priorities (see list below). Finally, each project is scored on all the criterion and evaluated against other projects within the same project category. This ensures fair comparisons, rather than scoring sidewalk infill against a new intersection signal. The result is a transparent and defensible decision-making tool to allocated limited resources to long list of worthy project priorities.

The funded and partially funded projects are scored. The scores for those projects can be found on the left side of the project lists.

## Policy Priorities

The TIP prioritization tool is a Microsoft Excel based tool which uses a series of dropdown menu choices for each criteria. The tool then provides a score for each Policy Priority based on the results of those questions. A maximum score of 100 points is possible. The following are descriptions of the eight Policy Priorities utilized in the scoring prioritization tool.

## Safety

This priority reflects the City's goal of improving transportation safety throughout the City. Safety scoring factors assesses the impact on correctable collision history in the project area, and the impact on reducing safety incidents recorded in the City's 2018 Transportation System Safety Analysis (TSSA). The Safety section has 18 possible points.

## Social Equity

The City is committed to opposing racism and reducing inequality through an active focus on social equity and justice. Social Equity scoring factors assesses a project's impact on equity through
assessments of the project area's proximity to Equity Zones, as defined through the City's on-going Transportation System Plan Update. The Equity Zones can be found on the Equity Zones Map which was used in the scoring. The Social Equity section has 15 possible points.

## Active Transportation

The City has identified a goal of increasing the city-wide use of active transportation (bus, bike, pedestrian, rail). Active Transportation scoring factors assesses a project's ability to move toward this goal by improving connectivity, completing missing sections of existing bike/trail infrastructure, improving existing bike or pedestrian trails, or providing new bike/pedestrian trail routes that are part of a designated plan. The Active Transportation section has 14 possible points.

## Climate \& Environment

The City is committed to reducing its impact on climate change and protecting the local environment. Climate and Environment scoring factors assesses a project's impact on reducing Greenhouse Gas emissions, and a project's immediate environmental impact measured by multiple criteria. The Climate and Environment section has 13 possible points.

## Taking Care of What We Have

This priority reflects the City's commitment to maintaining its assets and taking care of existing infrastructure. These assets provide existing services and value to the community. Taking Care of What We Have scoring factors assesses the project's effect on improving existing pavement conditions and non-pavement assets in the project area. The Taking Care of What We Have section has 11 possible points.

## Congestion Management

Congestion Management is a core function of how the City manages their transportation infrastructure. Congestion Management scoring factors assesses a project's impact on congestion as measured by concurrency management improvement, transportation demand management measures that reduce congestion, and improvement to designated freight traffic routes through the City. These measures also include rideshare, transit, or travel alerts. The Congestion Management section has 10 possible points.

## Economic Development

This priority reflects the City's goal of supporting a strong economy. Economic Development scoring factors assesses a project's proximity to an adopted sub-area economic development plan, and whether a project's area is on a designated arterial corridor. The Economic Development section has 10 possible points.

## Project Viability

This priority reflects the City's understanding of interest in the completion of this project. Project Viability scoring factors the likelihood of project proceeding to completion by determining the level of grant funding availability, the degree of prior commitment (i.e., whether design and Right of Way activities are funded); and if the City's project supports another agency's separate, interconnecting project. The Project Viability section has 9 possible points.


## Transportation Program TIP Changes

This section provides an overview of the changes from the previous 6 -year project list (2023-2028) to this year's 6 -year project list (2024-2029). The changes are segmented by: projects removed; projects added; and other changes.

| Projects Removed: | TIP ID: | Project Type: | Comments: |
| :---: | :---: | :---: | :---: |
| MacArthur Blvd. and E Mill Plain Blvd. Multimodal Improvements | TRANS-882 | Active Transportation | Duplicate of TRANS-917 |
| SE $1^{\text {ts }}$ St. - SE 164 $4^{\text {th }}$ Ave. to SE $177^{\text {th }}$ Ave. | TRANS-268 | Arterial Improvements | Project will be completed in 2023 |
| Transportation System Plan | TRANS-854 | Active Transportation | Project will be completed in 2023 |
| N. Devine Rd. Sidewalk Improvements N. Idaho St. to NE $18^{\text {th }} \mathrm{St}$. | TRANS-871 | Active Transportation | Project will be completed in 2023 |
| NE Fourth Plain Safety Improvement Project - F St to Ft. Vancouver Way | TRANS-872 | Arterial Improvement | Project will be completed in 2023 |
| NE Fourth Plain Blvd. and Stapleton Rd. Intersection Improvements | TRANS-900 | Active Transportation | Project will be completed in 2023 |
| Evergreen Highway Pavement Project | TRANS-838 | Reconstruction | Duplicate of TRANS-740, -741 and -843 |


| Projects Added: | TIP ID: | Project Type: | Comments: |
| :---: | :---: | :---: | :---: |
| SE 34th Street Complete Street Project 162nd Ave. to $192^{\text {nd }}$ Ave. | TRANS-919 | Active <br> Transportation | New project added to funded List |
| McGillivray Complete Street Project Chkalov Dr. to Village Loop | TRANS-920 | Active Transportation | New project added to funded List |
| NE $112^{\text {th }}$ Avenue Complete Street Project <br> - Chkalov Dr. to Fourth Plain Blvd. | TRANS-921 | Active Transportation | New project added to funded List |
| E 33rd Street Complete Street Project Main Street to P Street | TRANS-922 | Active <br> Transportation | New project added to funded List |
| E 29th Street Complete Street Project Kauffman Ave. to Neals Ln. | TRANS-923 | Active Transportation | New project added to funded List |
| St. Johns/St. James Complete Street Project - Fourth Plain to City Limits | TRANS-924 | Active Transportation | New project added to partially funded list |
| SE $164^{\text {th }}$ Ave. Safety/Mobility Improvements - Tech Center Dr. to SE 1st St. | TRANS-926 | Active Transportation | New project added to unfunded List |
| NE 187 ${ }^{\text {th }}$ Ave. - SE $1^{\text {tt }}$ St. to NE $18^{\text {th }}$ St. | TRANS-927 | Arterial Improvement | New project added to unfunded List |
| NE 13 ${ }^{\text {th }}$ St. - NE $172^{\text {nd }}$ Ave. to NE $187^{\text {th }}$ Ave. | TRANS-928 | Arterial Improvement | New project added to unfunded List |
| NE $18^{\text {th }}$ Street and NE 187th Avenue Intersection Improvements | TRANS-929 | Signal Improvement | New project added to unfunded List |
| SE Westridge Blvd. and SE 1st Street Intersection Improvements | TRANS-937 | Signal Improvement | New project added to unfunded List |
| NE $18^{\text {th }}$ Street and NE 179th Avenue Intersection Improvements | TRANS-930 | Signal Improvement | New project added to unfunded List |
| NE 162 ${ }^{\text {nd }}$ Avenue and NE 9 ${ }^{\text {th }}$ Street Intersection Improvements | TRANS-931 | Signal Improvement | New project added to unfunded List |
| NE $172^{\text {nd }}$ Avenue and NE 9 ${ }^{\text {th }}$ Street Intersection Improvements | TRANS-932 | Signal Improvement | New project added to unfunded List |
| SE 1st Street and SE $187^{\text {th }}$ Avenue Intersection Improvements | TRANS-934 | Signal Improvement | New project added to unfunded List |


| Mill Plain Blvd. and Hearthwood Blvd. <br> Intersection Improvements | TRANS-936 | Signal <br> Improvement | New project added to unfunded List |
| :--- | :--- | :--- | :--- |
| Heights Redevelopment Infrastructure | TRANS-938 | Active <br> Transportation | New project added to unfunded list |
| SE Chkalov Drive Safety and Mobility | TRANS-939 | Signal <br> Improvement | New project added to unfunded List |
| NE Fourth Plain Blvd. and Broadway <br> Intersection Safety Improvements | TRANS-940 | Active <br> Transportation | New project added to unfunded List |
| Fourth Plain Blvd. Safety and Mobility - <br> $121^{\text {st to } 127 \text { th }}$ | TRANS-941 | Active <br> Transportation | New project added to unfunded List |
| SE 192d Ave and Mill Plain Blvd. <br> Intersection Improvements | TRANS-942 | Signal <br> Improvement | New project added to unfunded List |
| Garrison Rd. Sidewalk Improvements - <br> Mill Plain to David Douglas Park | TRANS-943 | Active <br> Transportation | New project added to funded List |
| Heights Grand Loop - Devine Rd. to <br> MacArthur Blvd. | TRANS-944 | Active <br> Transportation | New project added to partially funded list |


| Other Changes: | TIP ID: | Project Type: | Comments: |
| :--- | :--- | :--- | :--- |
| MacArthur/Mill Plain Complete Street <br> Improvements | TRANS-917 | Active <br> Transportation | Changed name to reflect project more <br> accurately, moved from funded to partially <br> funded |
| Main St. Safety/Mobility Project - 4 <br> Pla | TRANS-873 | Active <br> Transportation | Changed name to reflect project more <br> accurately |
| MacArthur Boulevard - E. Mill Plain Blvd. <br> to Lieser Rd | TRANS-892 | Arterial <br> Improvement | Changed name to reflect project more <br> accurately |
| W 39th and Daniels St. Pedestrian <br> Improvements | TRANS-914 | Active <br> Transportation | We did not receive grant for the project so <br> moved from funded to unfunded list |
| NE 137th Ave. - NE 49th St. to NE Fourth <br> Plain Blvd. | TRANS-275 | Arterial <br> Improvement | Moved from partially funded list to funded list |
| SE 1 st St. - SE 177 th Ave. to SE 192 |  |  |  |

City of Vancouver 6-Year Transportation Improvement Program (2024-2029)




|  |  |  |  |  |  | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| S <br> c <br> c <br> or <br> R | Project ID | Project Name | Proiect Type | Funding Type | Spent to Date (Jan-2023) | Planned Expenditures | $\begin{aligned} & \text { Planned } \\ & \text { Expenditures } \end{aligned}$ | Planned Expenditures | Planned Expenditures | Planned Expenditures | Planned Expenditures | Planned Expenditures | 6-Year Total | TIF Area old/new |
| PARTIALLY FUNDED PROJECTS/PROGRAMS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | Arterial Improvements |  |  |  |  |  |  |  |  |  |  |  |
| 61 | TRANS-531 | Jefferson St. - W. Evergreen to W. Mill Plain Blvd. <br> Design Phase - Funded - Started <br> Right-of-Way Phase - Funded - Started | Arterial Improvements | $\begin{aligned} & \text { EXST \$ } \\ & \hline \text { SFS \$ } \\ & \hline \text { GRANT \$ } \end{aligned}$ | \$402,957 | 5800,000 | S1,00,000 $53,000,000$ | \$3,000,000 $\$ 2,000,000$ |  |  |  |  | $\begin{gathered} \$ 0 \\ \hline \$ 4,000,000 \\ \hline \$ 5,000,000 \end{gathered}$ | Vancouver/Columbia |
|  |  | Construction Phase - Funding uncertain - Not started |  | total S |  | \$800,000 | \$4,000,000 | 55,000,000 | so | so | 50 | 50 | \$9,000,000 |  |
| 63 | TRANS-527 | NE 18th St. - NE 97th Ave. to NE 107th Ave. Design Phase - Funded - Started | Arterial Improvements | - ESST | \$1,673,539 | \$500,000 | \$600,000 | \$3,000,000 | \$2,000,000 |  |  |  | \$600,000 $\$ 5,00,000$ |  |
|  |  | Right-of-Way Phase - Funded - Started |  | GRANT S |  | \$385,000 | \$250,000 | \$2,000,000 | \$3,000,000 |  |  |  | \$5,250,000 | Pacific \& Cascade |
|  |  | Constuction Phase - Funding uncertain - Not started |  | TOTAL S |  | \$885,000 | \$850,000 | 55,000,000 | \$5,000,000 | so | so | 50 | \$10,850,000 |  |
|  | TRANS-444 | NE 18th St. - NE 142nd Ave. to NE 162nd Ave. | Arterial Improvements | ExST \$ | 50 |  | \$250,000 |  |  |  |  |  | 50 |  |
|  |  | Design Phase - Funded - Not started Right-of-Way Phase - Funded uncertain - Not started |  | $\frac{\text { SFS S }}{\text { GRANT S }}$ |  | \$500,000 |  | $\begin{array}{r} \$ 750,000 \\ \hline \$ 1,000,000 \end{array}$ |  | $\frac{\$ 500,000}{\$ 4,500,000}$ | $\begin{aligned} & \$ 5,000,000 \\ & \$ 3,000,000 \end{aligned}$ |  | $\begin{aligned} & \$ 6,250,000 \\ & \hline \$ 8,500,000 \\ & \hline \end{aligned}$ | Pacific /Cassade |
|  |  | Construction Phase - Untunded - Not started |  | TOTAL S |  | \$500,000 | \$250,000 | \$1,750,000 | So | ${ }^{55,000,000}$ | 58,00,000 | 50 | \$15,000,000 |  |
|  | TRANSS67 | NE 192nd Ave. - SE It St tit to NE 18th St. | Arterial Improvements | EXST S | 50 | so | so |  |  |  |  |  | so |  |
| 66 |  | Design Phase - not funded |  | ${ }^{\text {SFS S }}$ |  | \$250,000 | \$250,000 |  | \$1,000,000 |  | \$2,000,000 | \$3,000,000 | \$6,250,000 | East City/Cascade |
|  |  | Right-of-Way Phase - Funding uncertain- Not started |  | GRANT S |  | \$350,000 | \$400,000 |  | \$1,000,000 |  | \$4,000,000 | \$3,000,000 | \$8,400,000 |  |
|  |  | Construction Phase - Unfunded - Not started |  | Total S |  | \$600,000 | \$650,000 | so | \$2,000,000 | so | 56,000,000 | 56,000,000 | \$14,650,000 |  |
|  | TRANS 898 | NE 115th Ave - - NE 16th St. to NE 18th st. | Arterial Improvements | ExST S | Developer S | 575,000 | \$75,000 |  |  |  |  |  | \$75,000 |  |
| 57 |  |  |  | $\frac{\text { SFS S }}{\text { GRANT S }}$ | \$48,505 | 50 |  |  |  |  |  |  | So | East City/Cascade |
|  |  | Construction Phase - Unfunded - Not started |  | TOTAL S |  | \$75,000 | \$75,000 | S0 | 50 | so | 50 | 50 | \$75,000 |  |
|  |  |  | Signal and Lighting |  |  |  |  |  |  |  |  |  | so |  |
|  | TRANS-839 | NE 152nd Ave. and NE Fourth Plain Blvd. Signal | Signal and Lighting Improvements | ExST S | Developer \$ | \$150,000 | \$150,000 |  |  |  |  |  | \$150,000 |  |
| 56 |  | Design Phase - Partially Funded |  | SFS S | \$34,947 | $\frac{50}{50}$ |  |  |  |  |  |  | so | Evergreen/Pacific |
|  |  | Construction Phose - Uunfunded |  | TOTAL S |  | \$150,000 | \$150,000 | 50 | 50 | so | 50 | 50 | \$150,000 |  |
| 35 | TRANS-851 | NE 192nd Avenve \& NE 13th Street Intersection Improvements | Signal and Lighting Improvements | ExST \$ | Developer \$ | \$25,000 | \$35,000 |  |  |  |  |  | \$35,000 |  |
|  |  | Design Phase - Parrially Funded |  | SFs \$ | \$34,858 | s0 | , |  |  |  |  |  | So | East City/Cassade |
|  |  | Right-of-Way Phase - Unfunded |  |  |  | S0 |  |  |  |  |  |  | so |  |
|  |  | Construction Phase - Uuntunded |  | Total S |  | \$25,000 | \$35,000 | so | 50 | so | so | 50 | 535,000 |  |
| ${ }^{53}$ | TRANS-879 | Columbiat House Blvd. and Grove St. Signal Upgrade Design Phase - Partiolly Funded | Signal and Lighting Improvements | EXST S | Developer $\$$ | \$10,000 | \$25,000 |  |  |  |  |  | \$25,000 | East City/Cascade |
|  |  | Design Phase - Parrially funded Rightot-Way Phase - Unfunded |  | SFS S |  | 50 |  |  |  |  |  |  | So | East Ciy/ Cascade |
|  |  | Construction Phase - Unfunded |  | TOTAL S |  | \$10,000 | \$25,000 | so | so | so | so | so | \$25,000 |  |
| 52 | TRANS-888 | NE 192nd Ave. at SR 14 Interchange - Traffic lmprovements | Signal and Lighting Improvements | EXST \$ | Developer \$ | \$10,000 | \$25,000 |  |  |  |  |  | \$25,000 |  |
|  |  |  |  | SFS \$ | so |  |  |  |  |  |  |  | S0 | East City/Cascade |
|  |  | Construction Phase - Uunfunded |  | TOTAL S |  | \$10,000 | \$25,000 | so | 50 | 50 | 50 | 50 | \$25,000 |  |
|  |  |  | Active Transportation |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | Improvements |  |  |  |  |  |  |  |  |  | so |  |
| 50 | TRANS-843 | Evergreen Hwy. Pathway - Weber Arboretum to SE 100th Court | Active Transportation Improvements | EXST S | \$1,497,653 | \$100,000 | \$25,000 |  |  |  |  |  | \$25,000 |  |
|  |  | Design Phase - Funded - Started <br> Right-of-Way Phase - Funded -Started |  | $\frac{\text { SFS S }}{\text { GRANT S }}$ |  |  |  |  |  |  |  |  | S0 | East City/Cascade |
|  |  | Construction Phase - Unfunded - Not started |  | TOTAL S |  | \$100,000 | \$25,000 | 50 | 50 | 50 | 50 | 50 | \$25,000 |  |
| 57 | TRANS-873 | Main St. Safety/Mobiliy Improvement Project - Fourth Plain <br> Blvd. to City Limits <br> Design Phase - Partially Funded <br> Right-of-Way Phase - Funded - Not Started <br> Construction Phase - Unfunded - Not started | Active Transportation Improvements |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | ExSTs | so |  | \$100,000 | 5000,000 |  |  |  |  | $\frac{500,000}{50}$ | Vancouver/Columbia |
|  |  |  |  | GRANT S |  |  |  |  |  |  |  |  | so | Vancover/Coumbia |
|  |  |  |  | Total S |  | so | \$100,000 | \$600,000 | so | 50 | so | 50 | \$700,000 |  |
| 57 | TrANS-910 | NE Hazel Dell Ave./BBC Trail Crossing | Active Transportation Improvements | ExST \$ | so |  |  |  |  |  |  |  | so |  |
|  |  | Design Phase - Funded - Not Started |  | SFS S |  |  | \$100,000 | \$200,000 |  |  |  |  | \$300,000 | Vancouver/Columbia |
|  |  | Right-of-Way Phase - N/A |  | GRANT S |  |  | \$200,000 | \$300,000 |  |  |  |  | \$500,000 |  |
|  |  | Construction Phase - Funding uncertrin - Not started |  | TOTAL S |  | 50 | \$300,000 | \$500,000 | So | so | So | So | 5800,000 |  |
| 69 | TRANS-917 | Macarthur/Mill Plain Complete Street Improvements | Active Transportation Improvements | EXST \$ | \$158 |  |  |  |  |  |  |  | so |  |
|  |  | Design Phase - Funded - Started Right-of-Way Phase - N/A |  | SFS S |  | \$100,000 | \$400,000 |  |  |  |  |  | $\stackrel{50}{540000}$ | Vancouver/Columbia |
|  |  | Construction Phase - Not started |  | TOTAL S |  | \$100,000 | \$400,000 | so | so | So | So | so | \$400,000 |  |
| 71 | TRANS-924 | St. Johns/St. James Complete Street Project - Fourth Plain to City Limits <br> Design Phase - Funded - Not Started <br> Right-of-Way Phase - N/A | Active Transportation Improvements | EXST \$ | so |  |  |  |  |  |  |  | so |  |
|  |  |  |  | SFS S |  |  |  |  |  |  |  | \$500,000 | \$500,000 | Vancouver/Columbia |
|  |  |  |  | $\frac{\text { GRANT S }}{}$ |  | so | so | so | so | so | so | 5500,000 |  |  |

[^1]




[^2]SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM
(2024-2029)


For questions or comments about the detail sheets please email: chris.malone@cityofvancouver.us


## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: TRAFFIC SIGNAL AND LIGHTING SUSTAINABILITY
PROJECT EXTENT: CITYWIDE
TO:

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NEIGHBORHOOD TRAFFIC CALMING PROGRAM
PROJECT EXTENT: CITYWIDE
TO:


PROJECT SUMMARY

| Program/Discipline Type: |  |
| :--- | :--- |
| Project Type: | Active Transportation |
| Project Status: | Ongoing |
| Funding Status: | Funded |

## PROJECT DESCRIPTION

## Project Description / Comments

Projects implemented as part of the ongoing Neighborhood Traffic Calming Program are intended to help slow traffic and enhance neighborhood livability. These projects may include education or infrastructure to reduce driver speeds; new or improved facilities for people walking, biking, and using mobility devices; and other strategies to increase safety and mobility in Vancouver neighborhoods. SFS funds contribute $\$ 130 \mathrm{~K} / \mathrm{yr}$, with annual program budget totalling $\$ 300,000 / \mathrm{yr}$.


## FUNDING \& SCHEDULE

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

[^3]
## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

## PROJECT: PAVEMENT PRESERVATION PROGRAM

PROJECT EXTENT: CITYWIDE
TO:


## PROJECT SUMMARY

| Program/Discipline Type: |  |
| :--- | :--- |
| Project Type: | Arterial Improvements |
| Project Status: | Ongoing |
| Funding Status: | Funded |

## PROJECT DESCRIPTION

## Project Description / Comments

Ongoing program to improve and maintain pavement surfaces through surface overlay, microsurfacing and slurry treatments at multiple locations citywide. Upgrades may include new ADA ramps, traffic striping and markings. More than 1,900 lane miles of streets are inspected and evaluated to determine most cost-effective means to preserve pavement and manage resources. 2023/2024 program targets pavement preservation (over 80 lane miles per year) at: 4th Plain Blvd. from Main to Andresen, McGillivray from Chkalov to NE 164th Ave, Ft. Vancouver Way from Evergreen Blvd. to 4th Plain Blvd., and SE 34th St. from SE 164 Ave to SE 192nd Ave. The 80 lane miles per year includes slurry sealing over 25 lane miles per year of residential streets. SFS funds contribute $\$ 600 \mathrm{~K} / \mathrm{yr}$.


## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: BRIDGE INSPECTION PROGRAM PROJECT EXTENT: CITY-OWNED BRIDGES CITYWIDE

TO:


|  | PROJECT SUMMARY |
| :--- | :--- |
| Program/Discipline Type: |  |
| Project Type: | Arterial Improvements |
| Project Status: | Ongoing |
| Funding Status: | Funded |

## PROJECT DESCRIPTION

## Project Description / Comments

Ongoing citywide inspection and maintenance of the City's bridges, as required to meet state and federal regulations. This program, formerly contracted with Clark County, is being dropped by the county and now requires hiring professional services to complete federally mandated bridge inspections and load ratings. Program budgeted at \$50,000/yr for 20222027.


## FUNDING \& SCHEDULE

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE FOURTH PLAIN BLVD. SAFETY IMPROVEMENTS - FT. VANCOUVER WAY TO NE ANDRESEN RD PROJECT EXTENT: FT. VANCOUVER WAY

TO: NE ANDRESEN RD.

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

PROJECT: NE 28TH ST. - NE 142ND AVE. TO NE 162ND AVE.
PROJECT EXTENT: NE $142 N D$ AVE.
TO: NE 162ND AVE.

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

PROJECT: NE 137TH AVE. - NE 49TH ST. TO NE FOURTH PLAIN BLVD.
PROJECT EXTENT: NE 49TH ST. TO: NE FOURTH PLAIN BLVD.

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE 49TH ST. - NE 122ND AVE. TO NE 137 TH AVE.
PROJECT EXTENT: NE $122 N D$ AVE.
TO: NE 137TH AVE.

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE 18TH ST. - NE 87TH AVE. TO NE 97TH AVE.
PROJECT EXTENT: NE 87TH AVE.

## TO: NE 97TH AVE.


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

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

*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.

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: SE 136TH AVE. AT SE 7TH ST.
PROJECT EXTENT: SE 136TH AVE.
TO: SE 7TH ST. INTERSECTION

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: PAVEMENT RECONSTRUCTION PROGRAM
PROJECT EXTENT: CITYWIDE
TO:


|  | PROJECT SUMMARY |
| :--- | :--- |
| Program/Discipline Type: |  |
| Project Type: | Arterial Improvements |
| Project Status: | Ongoing |
| Funding Status: | Partially Funded |

## PROJECT DESCRIPTION

## Project Description / Comments

Major payement and roadway reconstruction of failed pavement on existing streets at various locations citywide. The total lane miles of failed streets have held steady in previous years with a Citywide PCI of 73 . In 2022 , the PCl increased to 74 (where 100 means newly paved). SFS funds contribute a budget of $\$ 1,000,000$ per year annually for this work.


## FUNDING \& SCHEDULE

Funding Status:
Partially Funded
Existing Funds:
SFS Funds:
Yes
Grant Funds:
Total Proj. Cost:
*Start of Construction (Year): Ongoing

PROJECT: NE 18TH ST. - NE 142ND AVE. TO NE 162ND AVE.
PROJECT EXTENT: NE $142 N D$ AVE.
TO: NE 162ND AVE.

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: MAIN ST. RECONSTRUCTION - 5TH ST. TO 15TH STREET (MAIN STREET PROMISE)
PROJECT EXTENT: 5TH ST.
TO: 15TH ST.

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

PROJECT: NE 18TH ST. - NE 97TH AVE. TO NE 107TH AVE.
PROJECT EXTENT: NE 97TH AVE.

## TO: NE 107TH AVE.


*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.

PROJECT: JEFFERSON ST. - W. EVERGREEN BLVD. TO W. MILL PLAIN BLVD.
PROJECT EXTENT: W. EVERGREEN BLVD.

## TO: W. MILL PLAIN BLVD.


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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

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

PROJECT EXTENT: LIESER RD.


TO: NE 87TH AVE.

|  | PROJECT SUMMARY |
| :--- | :--- |
| Program/Discipline Type: |  |
| Project Type: | Arterial Improvements |
| Project Status: | Future |
| Funding Status: | Unfunded |

## PROJECT DESCRIPTION

## Project Description / Comments

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: MACARTHUR BLVD., S. LIESER RD. AND ST. HELENS AVE. INTERSECTION
PROJECT EXTENT: S. LIESER RD.
TO: ST. HELENS AVE. INTERSECTION

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

PROJECT: NE 192ND AVE. - SE 1 ST ST. TO NE $18 T H$ ST.

PROJECT EXTENT: SE IST ST.


TO: NE 18TH ST.

## PROJECT SUMMARY

## Program/Discipline Type:

Project Type:
Project Status:
Funding Status:

## PROJECT DESCRIPTION

## Project Description / Comments

Urban upgrade of existing 2 -lane street. Improvements include additional travel lanes, sidewalks, mobility lanes, ADA ramps and streetlights to improve system, safety, mobility, and accessibility. This project originated from Section 30 Subarea Plan (2009). Recently received a federal grant to begin the design phase.


## FUNDING \& SCHEDULE

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

PROJECT: COLUMBIA SHORES BLVD. AT COLUMBIA WAY - BNSF UNDERCROSSING WIDENING
PROJECT EXTENT: COLUMBIA SHORES BLVD.
TO: BNSF RAILROAD PORTAL

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

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

*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.

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

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

PROJECT: NE $182 N D$ AVE. - SE 1 ST ST. TO NE $18 T H$ ST.
PROJECT EXTENT: SE IST ST.
TO: NE 18TH ST.

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

PROJECT: NE 162ND AVE. - SE 1ST ST. TO NE 9TH ST.
PROJECT EXTENT: SE IST ST.
TO: NE 9TH ST.

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

PROJECT: NE $112 T H$ AVE. - E. MILL PLAIN BLVD. TO NE 28TH ST.
PROJECT EXTENT: E MILL PLAIN BLVD.
TO: NE 28TH ST.

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

PROJECT: NE ST. JOHNS BLVD. AND NE 68TH ST.
PROJECT EXTENT: NE ST. JOHN'S BLVD.
TO: NE 68TH ST. INTERSECTION

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: SE 20TH ST. AND SE 176TH AVE.
PROJECT EXTENT: SE 20TH ST.
TO: SE 176TH AVE. INTERSECTION

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: EVERGREEN HWY. PATHWAY - SE CHELSEA AVE. TO SE IMAGE RD.
PROJECT EXTENT: SE CHELSEA AVE.
TO: SE IMAGE RD.

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: EVERGREEN HWY. PATHWAY - COLUMBIA SPRINGS TO SE 164TH AVE.
PROJECT EXTENT: SE SILVER SPRINGS DR.
TO: SE 164TH AVE.

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: EVERGREEN HWY. PATHWAY - SE 164TH AVE. TO EAST CITY LIMITS
PROJECT EXTENT: SE 164TH AVE.
TO: EAST CITY LIMITS

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: SE MCGILLIVRAY BLVD. AND SE 166TH AVE.
PROJECT EXTENT: SE MCGILLIVRAY BLVD.
TO: SE 166TH AVE. INTERSECTION

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE BURTON/28TH STREET - NE ANDRESEN RD. TO NE $138 T H$ AVE.
PROJECT EXTENT: NE ANDRESEN RD.
TO: NE 138TH AVE.

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NW FRUIT VALLEY RD. AT LA FRAMBOIS RD. PROJECT EXTENT: NW FRUIT VALLEY RD.

TO: LA FRAMBOIS RD. INTERSECTION

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

## 2024-2029 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.

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

## 2024-2029 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.

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE 104TH AVENUE - NE 14TH STREET TO NE 18TH STREET
PROJECT EXTENT: NE 14TH ST.
TO: NE 18TH ST.

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: E. EVERGREEN BLVD. BRIDGE OVER S. BLANDFORD DR.
PROJECT EXTENT: E. EVERGREEN BLVD.
TO: S. BLANDFORD DR. BRIDGE

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE $152 N D$ AVE. AND NE FOURTH PLAIN BLVD. SIGNAL
PROJECT EXTENT: NE $152 N D$ AVE.
TO: NE 4TH PLAIN BLVD. INTERSECTION

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: SE EVERGREEN HWY PATHWAY - WEBER ARBORETUM TO SE 100TH CT.
PROJECT EXTENT: WEBER ARBORETUM
TO: SE 100TH CT.

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: MULTIMODAL SAFETY AND ACCESSIBILITY
PROJECT EXTENT: CITYWIDE
TO:


PROJECT SUMMARY
Program/Discipline Type:
Project Type:
Active Transportation
Project Status:
Funding Status:
Ongoing
Partially Funded

## PROJECT DESCRIPTION

## Project Description / Comments

Ongoing program budgeted at $\$ 1.5 \mathrm{M} / \mathrm{yr} .$, to address safety and accessibility for people walking, biking, and rolling. Projects include: TRANS-889-18th and Devine ADA Improvements, TRANS-899 - 4th Plain Blvd. Pedestrian Crossing, TRANS-919-34th St. Complete Street, TRANS-878-68th St. Sidewalk, TRANS-918-18th and Burnt Bridge Creek Trail Crossing, and TRANS-740 - Evergreen Hwy Pathway.


## FUNDING \& SCHEDULE

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

[^4]PROJECT: SE 164TH AVE. AND SE MILL PLAIN BLVD. INTERSECTION IMPROVEMENTS
PROJECT EXTENT: SE 164TH AVE.
TO: SE MILL PLAIN BLVD. INTERSECTION
SROSECTAREA MAP
*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: SE 164TH AVENUE AND SE 12TH STREET INTERSECTION IMPROVEMENTS
PROJECT EXTENT: SE 164TH AVE.
TO: SE 12TH ST.

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

PROJECT: NE 192ND AVENUE AND NE 13TH STREET INTERSECTION IMPROVEMENTS
PROJECT EXTENT: 192ND AVE.

## TO: NE 13TH ST. INTERSECTION


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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE 18TH ST. AND NE $172 N D$ AVE. INTERSECTION IMPROVEMENTS
PROJECT EXTENT: NE 18TH ST.

## TO: NE 172ND AVE. INTERSECTION


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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: SE 10TH STREET SIDEWALKS - SE 98TH AVENUE TO SE ELLSWORTH RD.
PROJECT EXTENT: SE 98TH AVE. TO: SE ELLSWORTH RD.

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: CITYWIDE TRANSPORTATION DEMAND MANAGEMENT PROGRAM
PROJECT EXTENT: CITY WIDE
TO:

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: SIDEWALK MANAGEMENT PROGRAM
PROJECT EXTENT: CITYWIDE
TO:

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: WESTSIDE BIKE MOBILITY

PROJECT EXTENT: DOWNTOWN


TO:

## PROJECT SUMMARY

## Program/Discipline Type:

| Project Type: | Active Transportation |
| :--- | :--- |
| Project Status: | Pending Funding |
| Funding Status: | Unfunded |

## PROJECT DESCRIPTION

## Project Description / Comments

First phase of implementation was focused on the Columbia corridor, completed in 2022. Project included traffic calming, mobility lanes and pedestrian improvements throughout the westside of downtown Vancouver. Implementation of other routes will occur later.


## FUNDING \& SCHEDULE

## Funding Status:

Existing Funds:
SFS Funds:
Grant Funds:
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.

PROJECT: W. FOURTH PLAIN BOULEVARD AND FRANKLIN STREET INTERSECTION IMPROVEMENTS
PROJECT EXTENT: W. FOURTH PLAIN BLVD.

## TO: FRANKLIN ST. INTERSECTION


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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE 164TH AVENUE AND NE 34TH STREET INTERSECTION IMPROVEMENTS
PROJECT EXTENT: 162ND AVE.
TO: NE 34TH ST. INTERSECTION

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: ST. JOHNS BLVD. AND FORT VANCOUVER WAY INTERSECTION IMPROVEMENTS
PROJECT EXTENT: ST. JOHNS BLVD.
TO: FORT VANCOUVER WAY INTERSECTION

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: ANNUAL ARTERIAL STREET LIGHT PROGRAM
PROJECT EXTENT: CITYWIDE
TO:

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

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

## TO: SE 192ND AVE.


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

PROJECT: MAIN STREET SAFETY/MOBILITY PROJECT - 4TH PLAIN BLVD. TO CITY LIMITS
PROJECT EXTENT: 4TH PLAIN BLVD.
TO: CITY LIMITS

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE 68TH ST. SIDEWALK PROJECT EXTENT: NE 28TH AVE.

TO: NE ST. JOHN'S RD.


|  | PROJECT SUMMARY |
| :--- | :--- |
| Program/Discipline Type: |  |
| Project Type: | Active Transportation |
| Project Status: | In Design |
| Funding Status: | Funded |

## PROJECT DESCRIPTION

## Project Description / Comments

Install sidewalk, ADA ramps, mobility lanes and other enhancements within city limits along NE 68th St, to improve safety for pedestrians and bicyclists. The entire project runs from NE Hwy 99 to St. Johns Blvd. This project is partially funded by a Congestion Mitigation and Air Quality grant for \$700K, which is jointly awarded to Clark County and City of Vancouver. Identified by Clark County.
LEGEND
*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

PROJECT: COLUMBIA HOUSE BLVD. AND GROVE ST. SIGNAL UPGRADE
PROJECT EXTENT: COLUMBIA HOUSE BLVD.
TO: GROVE ST. INTERSECTION

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: MCGILLIVRAY AND VILLAGE LOOP DRIVE NEW SIGNAL PROJECT EXTENT: INTERSECTION OF MCGILLIVRAY AND VILLAGE LOOP DRIVE

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NW 32ND AVE./LOWER RIVER RD. ROUNDABOUT PROJECT EXTENT: NW 32ND AVE.

TO: SR501INTERSECTION

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NW 32ND AVENUE - LOWER RIVER RD. TO NW 61ST ST.
PROJECT EXTENT: SR501
TO: NW 61ST ST.

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

PROJECT: NW 32ND AVE./FRUIT VALLEY RD. - NW 61ST ST TO BURNT BRIDGE CREEK
PROJECT EXTENT: NW 6lST ST. TO: BURNT BRIDGE CREEK

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: FRUIT VALLEY RD. - BURNT BRIDGE CREEK TO NW 78TH ST.
PROJECT EXTENT: BURNT BRIDGE CREEK
TO: NW LAKESHORE AVE.

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NW 78TH STREET/NW LAKESHORE AVE ROUNDABOUT
PROJECT EXTENT: NW LAKESHORE AVENUE
TO: INTERSECTION WITH NW 78TH ST.

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: SE $192 N D$ AVE. AND SR 14 INTERCHANGE IMPROVEMENTS
PROJECT EXTENT: SE 192ND AVE.
TO: SR14 (WESTBOUND) INTERSECTION

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

PROJECT: NE 18TH ST. AND N. DEVINE RD. ADA IMPROVEMENTS
PROJECT EXTENT: NE 18TH ST.
TO: N. DEVINE RD. INTERSECTION

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE FOURTH PLAIN BLVD. AND GRAND BLVD. - PEDESTRIAN IMPROVEMENT SW CORNER
PROJECT EXTENT: NE FOURTH PLAIN BLVD.
TO: GRAND BLVD. INTERSECTION

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

PROJECT: E. MILL PLAIN BOULEVARD, BOISE AVE. TO N. ANDRESEN RD.
PROJECT EXTENT: BOISE AVE.
TO: N. ANDRESEN RD.

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: MACARTHUR BOULEVARD - E. MILL PLAIN BLVD. TO LIESER RD.
PROJECT EXTENT: E. MILL PLAIN BLVD.
TO: LIESER RD.

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

PROJECT: N. DEVINE RD. - E. MILL PLAIN BLVD. TO MACARTHUR BLVD.
PROJECT EXTENT: E. MILL PLAIN BLVD.
TO: MACARTHUR BLVD.

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

PROJECT: ANDRESEN RD. - E. MILL PLAIN BLVD. TO HIGHLAND DR.
PROJECT EXTENT: E. MILL PLAIN BLVD
TO: HIGHLAND DR.

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: MACARTHUR BLVD. AT N. DEVINE RD. ROUNDABOUT
PROJECT EXTENT: MACARTHUR BLVD.
TO: N. DEVINE RD. INTERSECTION

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: MACARTHUR BLVD. AT N. ANDRESEN RD. ROUNDABOUT
PROJECT EXTENT: MACARTHUR BLVD.
TO: N. ANDRESEN RD. INTERSECTION

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE $115 T H$ AVE. - NE 16TH ST. TO NE 18TH ST.
PROJECT EXTENT: NE 16TH ST.
TO: NE 18TH ST.

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

PROJECT: NE FOURTH PLAIN BLVD ENHANCED PEDESTRIAN CROSSINGS
PROJECT EXTENT: FT. VANCOUVER WAY
TO: ROSSITER LANE

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE 9TH ST. INFILL SIDEWALK - NE 112 TH AVE. TO NE $136 T H$ AVE.
PROJECT EXTENT: NE $112 T H$ AVE. TO: NE $136 T H$ AVE.

*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.

PROJECT: AMTRAK MULTIMODAL ACCESS
PROJECT EXTENT: W. 11 TH ST AND HILL ST.
TO: W. 11 TH ST AND KING ST.

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE ANDRESEN RD./NE FOURTH PLAIN BLVD. INTERSECTION IMPROVEMENTS
PROJECT EXTENT: NE ANDRESEN RD.
TO: NE FOURTH PLAIN BLVD. INTERSECTION

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE $124 T H$ AVE. - NE 28TH ST. TO NE 39TH ST.
PROJECT EXTENT: NE 28TH ST.
TO: NE 39TH ST.

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: SE MILL PLAIN AERIAL FIBER REMOVAL

PROJECT EXTENT: NE CHKALOV DR.


TO: SE 164TH AVE.

|  | PROJECT SUMMARY |
| :--- | :--- |
| Program/Discipline Type: |  |
| Project Type: | Signal \& Lighting Improvements |
| Project Status: | Future |
| Funding Status: | Funded |

## PROJECT DESCRIPTION

## Project Description / Comments

Remove aerial fiber along Mill Plain, for the new C-Tran BRT project, from Chaklov to SE 164th Ave. Approximately 100,000 lineal feet of aerial fiber to be removed and re-located underground. Identified by staff and C-Tran Mill Plain BRT project.


## FUNDING \& SCHEDULE

Funding Status:
Funded
Existing Funds:
Yes
SFS Funds:
Grant Funds:
Total Proj. Cost:
\$125,000.00
*Start of Construction (Year): 2022

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE HAZEL DELL AVE./BBC TRAIL CROSSING
PROJECT EXTENT:
TO:

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE PADDEN EXPRESSWAY AND NE ANDRESEN RD. INTERSECTION IMPROVEMENTS

PROJECT EXTENT: NE PADDEN EXPRESSWAY
TO: NE ANDRESEN RD

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

PROJECT: SE 34TH ST. AND SE 192ND AVE. INTERSECTION IMPROVEMENTS

PROJECT EXTENT: SE 34TH ST
TO: SE 192ND AVE


## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: MACARTHUR BLVD. AND S. BLANDFORD DR. PEDESTRIAN CROSSING
PROJECT EXTENT: MACARTHUR BLVD.

## TO: BLANDFORD



[^5]PROJECT: 39TH ST AND DANIELS ST. PEDESTRIAN CROSSING

PROJECT EXTENT: 39TH ST.


TO: DANIELS ST.

|  | PROJECT SUMMARY |
| :--- | :--- |
| Program/Discipline Type: |  |
| Project Type: | Active Transportation |
| Project Status: | Future |
| Funding Status: | Unfunded |

## PROJECT DESCRIPTION

## Project Description / Comments

Install enhanced pedestrian crossing to improve pedestrian safety and accesssibility in the area. Identified by staff.

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: FRUIT VALLEY RD. AND FIRESTONE LANE PEDESTRIAN CROSSING
PROJECT EXTENT: FRUIT VALLEY RD.
TO: FIRESTONE LANE

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

PROJECT SUMMARY
Program/Discipline Type:
Project Type:
Active Transportation
Project Status:
Future
Funding Status:
Unfunded

## PROJECT DESCRIPTION

## Project Description / Comments

Install enhanced pedestrian crossing to improve pedestrian safety and accesssibility in the area. Originated from Fruit Valley Subarea Plan (2010).
LEGEND
*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: MACARTHUR/MILL PLAIN COMPLETE STREET IMPROVEMENTS
PROJECT EXTENT:
TO:

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE 18TH ST AND BURNT BRIDGE CREEK PEDESTRIAN CROSSING
PROJECT EXTENT:
TO:

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: SE 34TH STREET COMPLETE STREET PROJECT

PROJECT EXTENT: 162ND AVE.
TO: 192ND AVE.


PROJECT SUMMARY


## PROJECT DESCRIPTION

## Project Description / Comments

The SE 34th Street Complete Street Project is an opportunity to help all community members get around safely between SE 164th and SE 192nd Avenues. This evaluation will consider repurposing a travel lane to add mobility lanes and/or shared facilities for people use. Safety improvements at intersections and crossings to better accommodate people using a mobility device, walking, and biking. Traffic calming design features to reduce speeding. Identified by staff.


## FUNDING \& SCHEDULE

Funding Status:
Funded
Existing Funds:
SFS Funds:
Grant Funds:
Total Proj. Cost:
\$500,000.00
*Start of Construction (Year):
2024
*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: MCGILLIVRAY COMPLETE STREET PROJECT
PROJECT EXTENT: CHKALOV DR.
TO: VILLAGE LOOP


|  | PROJECT SUMMARY |
| :--- | :--- |
| Program/Discipline Type: |  |
| Project Type: | Active Transportation |
| Project Status: |  |
| Funding Status: | Funded |

## PROJECT DESCRIPTION

## Project Description / Comments

The McGillivray Boulevard Complete Street Project is exploring ways to make McGillivray Boulevard safer and more comfortable for everyone to travel between SE Chkalov Drive and SE 164th Avenue. The Project will evaluate how McGillivray Boulevard can better meet the needs of people walking, biking, using a mobility device, and driving. The Project will explore opportunities and examine tradeoffs to improve safety on the corridor ahead of the pavement project planned to occur in 2024. Identified by staff.


## FUNDING \& SCHEDULE

Funding Status:
Funded
Existing Funds:
SFS Funds:
Grant Funds:
Total Proj. Cost:
\$500,000.00
*Start of Construction (Year):
2025
*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE $112 T H$ AVENUE COMPLETE STREET PROJECT
PROJECT EXTENT: CHKALOV DR.
TO: FOURTH PLAIN BLVD.

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

PROJECT: E 33RD STREET COMPLETE STREET PROJECT PROJECT EXTENT: MAIN STREET

TO: P STREET

*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.

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: E 29TH STREET COMPLETE STREET PROJECT

PROJECT EXTENT: KAUFFMAN AVE.


TO: NEALS LN.

## PROJECT SUMMARY

## Program/Discipline Type:

Project Type:
Active Transportation
Project Status:
Funding Status:
Funded

## PROJECT DESCRIPTION

## Project Description / Comments

The E 29th Complete Street Project will explore major mobility improvements on E 29th St Bikeway (NW Kauffman to Neals Lane) and complete streets retrofits as there are well documented safety issues and vulnerable street users. This will be a combined efforts with E 33rd Street Complete Street Project. Identified by staff.


## FUNDING \& SCHEDULE

Funding Status:
Funded
Existing Funds:
SFS Funds:
Grant Funds:
Total Proj. Cost:
\$500,000.00
*Start of Construction (Year):
2024
*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: ST. JOHNS/ST. JAMES COMPLETE STREET PROJECT
PROJECT EXTENT: FOURTH PLAIN
TO: CITY LIMITS

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: SE 164TH AVE. SAFETY/MOBILITY IMPROVEMENTS PROJECT EXTENT: TECH CENTER DR.

TO: $\mathbf{1 S T} \mathbf{S T}$.

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

PROJECT: NE 187TH AVE.
PROJECT EXTENT: SE IST ST.
TO: NE 18TH ST.

*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.

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE 13TH ST.
PROJECT EXTENT: NE 172ND AVE.

TO: NE 187TH AVE.

|  | PROJECT SUMMARY |
| :--- | :--- |
| Program/Discipline Type: |  |
| Project Type: | Arterial Improvements |
| Project Status: |  |
| Funding Status: | Unfunded |

## PROJECT DESCRIPTION

## Project Description / Comments

New 3-lane collector/minor arterial (1 lane each direction plus center turn lane) with sidewalks, mobility lanes, streetlights, signals, school crossings, stormwater and sound walls where required. Identified by Seciton 30 Subarea Plan.

*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.

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE 18TH STREET AND NE 187TH AVENUE INTERSECTION IMPROVEMENTS
PROJECT EXTENT: NE 18TH STREET
TO: NE 187TH

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE 18TH STREET AND NE 179TH AVENUE INTERSECTION IMPROVEMENTS
PROJECT EXTENT: NE 18TH STREET TO: NE 179TH AVENUE

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE 162ND AVENUE AND NE 9TH STREET INTERSECTION IMPROVEMENTS
PROJECT EXTENT: NE 162ND AVENUE
TO: NE 9TH STREET

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: NE $172 N D$ AVENUE AND NE 9TH STREET INTERSECTION IMPROVEMENTS
PROJECT EXTENT: NE 172ND AVENUE
TO: NE 9TH STREET

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: SE 1ST STREET AND SE 187TH AVENUE INTERSECTION IMPROVEMENTS
PROJECT EXTENT: SE 1ST STREET TO: SE 187TH AVENUE

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

PROJECT: MILL PLAIN BLVD. AND HEARTHWOOD BLVD. INTERSECTION IMPROVEMENTS
PROJECT EXTENT: MILL PLAIN BLVD.

## TO: HEARTHWOOD BLVD.


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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: SE WESTRIDGE BLVD. AND SE IST STREET INTERSECTION IMPROVEMENTS
PROJECT EXTENT: SE WESTRIDGE BLVD.
TO: SE IST STREET

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

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: HEIGHTS REDEVELOPMENT INFRASTRUCTURE PROJECT EXTENT: E MILL PLAN BLVD.

## TO: MCARTHUR BLVD.



## FUNDING \& SCHEDULE

Funding Status:
Unfunded
Existing Funds:
SFS Funds:
Grant Funds:
Total Proj. Cost:
\$2,000,000.00
*Start of Construction (Year): 2023
*All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: SE CHKALOV DRIVE SAFETY AND MOBILITY
PROJECT EXTENT: MILL PLAIN BLVD.

## TO: SE MCGILLIVRAY



|  | PROJECT SUMMARY |
| :--- | :--- |
| Program/Discipline Type: |  |
| Project Type: | Signal \& Lighting Improvements |
| Project Status: |  |
| Funding Status: | Unfunded |

## PROJECT DESCRIPTION

## Project Description / Comments

The intersection of SE Chkalov Drive and Mill Plain Boulevard had the greatest number and severity of injury crashes than any other intersection during the most recent 5 years of available data. Safety issues are also concentrated on the roadway segment of SE Chkalov Dr between SE Mill Plain Boulevard and SE 7th Street. Project elements will look at crash countermeasures related to high traffic volumes, number of commercial driveways, roadway configurations and insufficient infrastructure for pedestrians or mobility users. Identified from the Transportation System Safety Analysis (2018) and Local Road Safety Plan (2022).

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

PROJECT: NE FOURTH PLAIN BLVD. AND BROADWAY INTERSECTION SAFETY IMPROVEMENTS
PROJECT EXTENT: NE FOURTH PLAIN BLVD.

## TO: BROADWAY


*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.

## 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT: FOURTH PLAIN BOULEVARD SAFETY AND MOBILITY
PROJECT EXTENT: 121 ST AVE
TO: 127TH AVE

*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.

PROJECT: SE 192ND AVE AND MILL PLAIN BLVD. INTERSECTION IMPROVEMENTS
PROJECT EXTENT:
TO:

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

PROJECT: GARRISON RD. SIDEWALK IMPROVEMENTS

PROJECT EXTENT: MILL PLAIN


TO: DAVID DOUGLAS PARK

TO: MACARTHUR BLVD.
PROJECT EXTENT: DEVINE RD.

PROJECT SUMMARY

## Program/Discipline Type:

Project Type:
Active Transportation
Project Status:
Funding Status:
Active
Partially Funded

## PROJECT DESCRIPTION

## Project Description / Comments

Pursuant to the Heights District Master Plan, construct a network of street, pedestrian and mobility improvements that form a loop around the central core of the Tower Mall Redevelopment Area, providing connections between MacArthur Blvd, Devine Road and Mill Plain Blvd. Project originated from the Heights District Master Plan (2020).


## FUNDING \& SCHEDULE

Funding Status:
Partially Funded
Existing Funds:
SFS Funds:
Grant Funds:
Total Proj. Cost:
\$20,000,000.00
*Start of Construction (Year): 2025
*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.




# GLOSSARY <br> FREQUENTLY USED TERMS AND ACRONYMS 

ACP<br>Annual Construction Program or Asphalt Concrete Pavement

## ADA

Americans with Disabilities Act

## ADT

Average Daily Traffic


#### Abstract

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

## TIB

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

## TIF

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

## TIMACS

Transportation Information Management and Control System

## TIP

Six-Year Transportation Improvement Program

## TPP

Transportation Partnership Program (TIB Funding Program)

## TS

Traffic Signal Project

## TSNS

Traffic Safety Near Schools

## TSO

Traffic Signal Optimization

## UAP

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

## UCP

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

## UR-SP

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

## V/C Ratio

Ratio of volume to capacity for a traffic facility

## Volume

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

## WAC

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

## WSDOT

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

## Zoning

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

## For additional information, please visit

## the following webpages:

- www.cityofvancouver.us/streetstip
- www.cityofvancouver.us/betterstreets


Este informe contiene información importante. Pídale a alguien que se lo traduzca o llame Ciudad de Vancou-
 ver, 360-487-7130.

В данном отчете содержится важная информация. Попросите кого-нибудь перевести ее для вас или звоните City of Vancouver, 360-487-71 30.

Báo cáo này có thông tin bổ sung về dự án. Hãy nhờ người khác giải thích cho quý vị hoặc gọi cho City of Vancouver, 360-487-7130.

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To request other formats, please contact:
Vancouver Public Works
360-487-7130 | TTY: 360-487-8602
betterstreets@cityofvancouver.us


[^0]:    *See link for SFS annual report to the community including annual revenues and expenses. www.cityofvancouver.us/betterstreets
    **In 2019 the City switch to a new financial system. Therefore, the catergories for cost tracking are different.

[^1]:    EXST $\$=$ =urrent non-grant revenue sources; SFs $\$=$ =street funding strategy non-grant revenue sources; GRANT $\$=$ =existing and potential grants; Bold//talicicied=potential grant $\$$

[^2]:    EXST $\$=$ =current non-grant revenue sources; SFS $\$=$ =street funding strategy non-grant revenue sources; GRANT $\$=$ existing and potential grants; Bold/Italicized=potential grant $\$$

[^3]:    *All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

[^4]:    *All project timing will be dependent on coordination with other departments including streets, pavement management, sewer, water and surface water.

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