

CAPITAL PROJECTS 2023-2029

A GUIDE TO THE CITY'S MAJOR STREET AND STORMWATER PROJECTS





Mayor, Councilmembers, and members of the community of Federal Way:

In 2020 the City of Federal Way Public Works Department published our first ever comprehensive document outlining the many capital projects in multiple different programs we are charged with delivering. The community quickly responded in appreciation.

As we have completed projects ranging from street improvements, traffic optimization and mitigation, and surface water projects; as well as added new projects for future years, we have also been working on updating this guide to continue building efforts to keep the community informed and engaged.

This updated document is intended to serve as a roadmap for the community of capital projects and programs, including surface water, roadway transportation and non-motorized transportation.

I would like to thank Colleen Minion, our Public Education and Outreach Supervisor, for her work in spearheading this effort.

Sincerely,

EJ Walsh, P.E.
Director of Public Works

Mayor **JIM FERRELL**

CITY OF FEDERAL WAY COUNCIL

Position 1: Councilmember **LYDIA ASSEFA-DAWSON**

Position 2: Councilmember **ERICA NORTON**

Position 3: Deputy Mayor **SUSAN HONDA**

Position 4: Councilmember **HOANG V. TRAN**

Position 5: Councilmember **JACK WALSH**

Position 6: Councilmember **JACK DOVEY**

Position 7: Council President **LINDA KOCHMAR**

CAPITAL IMPROVEMENT PROJECTS 2023-2029

INTRODUCTION

The City of Federal Way's 2023-2029 Stormwater Capital Improvement Plan (CIP) and Transportation Improvement Plan (TIP) are the primary sources of information for this capital project guide. A general description of how the City prioritizes the projects included in the CIP and TIP is provided below. For up-to-date information on projects, visit CityofFederalWay.com/PublicWorks and click on the Streets and Stormwater Projects Map or scan the QR code.



STORMWATER MANAGEMENT (SWM) CIP

The SWM CIP project list is developed using three criteria:

1. Controlling and reducing flooding from heavy rainfall
2. Meeting Federal and State requirements
3. Protecting the City's natural water resources

The SWM Utility provides services to the public that help protect the City's surface water. SWM prioritizes the project list by identifying which projects best contribute towards the long term goals of the Utility, which include:

- Reduce flooding
- Improve water quality
- Improve habitat
- Extend the life of existing stormwater infrastructure, as well as minimize the effort needed to maintain and operate it
- Increase public participation in stewardship activities and understanding of stormwater projects
- Increase social equity



TRANSPORTATION IMPROVEMENT PLAN (TIP)

The TIP is developed based on the following transportation goals:

- Maintain mobility through a safe, balanced, and integrated transportation system
- Be fiscally and environmentally sustainable
- Enhance community health and livability through a connected system of pedestrian, bicycle and transit ways that are part of a regional transportation network
- Support the City's land use vision and plan
- Develop management strategies and programs that support different types of transportation options
- Coordinate with a broad range of partners to help meet Federal Way's transportation goals



After evaluating these goals, the City then prioritizes transportation projects based on how they will be able to address future projected growth, improve safety, include more than one mode of transportation, reduce environmental impacts, and are cost effective.

How to Use the CIP Guidebook

The CIP Guidebook is organized chronologically by project start date, and then subcategorized by end date. Annual projects are listed at the beginning. To view projects geographically, use the citywide vicinity map on page 5.

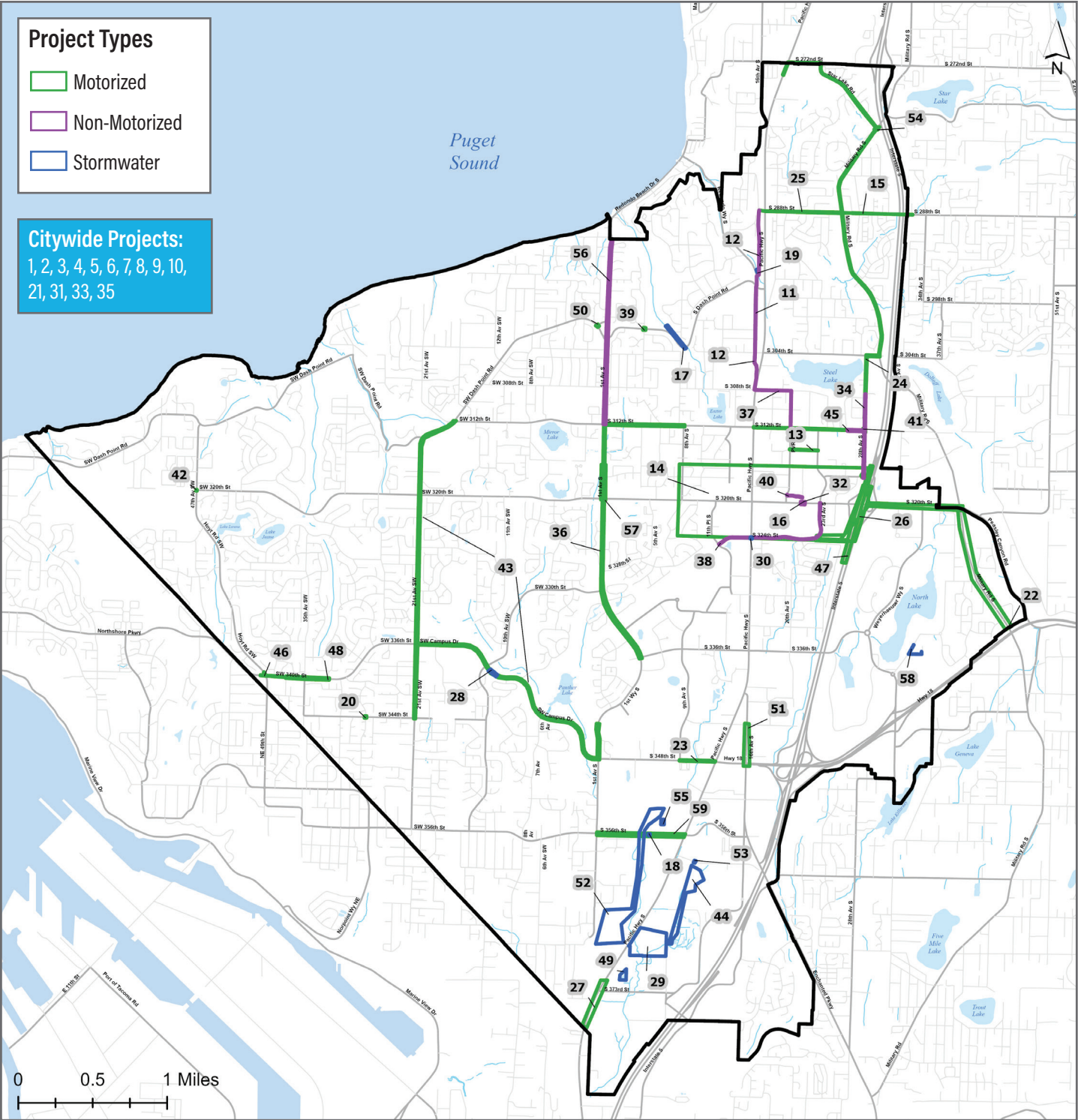
CAPITAL IMPROVEMENT PROJECTS 2023-2029

All projects are listed chronologically by start date.

| | | | |
|---|----|--|----|
| 1. Americans with Disabilities Act (ADA) Retrofits | 7 | 32. South 320th Street at 21st Avenue South Grade Separation Feasibility Study | 22 |
| 2. Catch Basin Rehab | 7 | 33. High Friction Surface Treatments | 23 |
| 3. CCTV Inspection and Assessment | 8 | 34. 28th Avenue South Sidewalk Improvements (South 308th Lane to South 312th Street) | 23 |
| 4. Local Improvement District Non-motorized Improvement | 8 | 35. Rectangular Rapid Flashing Beacon Upgrades | 24 |
| 5. Neighborhood Drainage Improvements | 9 | 36. Adaptive Traffic Control System Phase 4 | 24 |
| 6. Pavement Overlay | 9 | 37. FWHS—City Center Greenway: South 308th Street/ 20th Avenue South | 25 |
| 7. Pedestrian Safety Improvements | 10 | 38. BPA Trail Extension—City Center | 25 |
| 8. Pipe Rehab | 10 | 39. South Dash Point Road and 4th Avenue South Compact Roundabout | 26 |
| 9. Street Vegetation Management | 11 | 40. Federal Way Transit Center Pedestrian Access Improvements | 26 |
| 10. Water Quality Monitoring | 11 | 41. South 312th Street and 28th Avenue South Intersection Improvements | 27 |
| 11. Pacific Highway South Non-Motorized Corridor—Phase 1 | 12 | 42. Southwest 320th Street and 47th Avenue Southwest Traffic Signal | 27 |
| 12. Pacific Highway South Non-Motorized Corridor—Phase 2 | 12 | 43. Adaptive Traffic Control System Phase 5 | 28 |
| 13. South 314th Street Improvements | 13 | 44. North Fork West Hylebos Trail | 28 |
| 14. Adaptive Traffic Control System—City Center Phase 1, Stage 2—Detection Upgrades | 13 | 45. South 312th Street Sidewalk Improvements | 29 |
| 15. South 288th Street Road Diet—Phase 1 | 14 | 46. Southwest 340th Street Roadway Improvements (37th Avenue Southwest to West City Limit) | 29 |
| 16. 21st Avenue South at South 320th Street—Signalization and Pedestrian Improvements | 14 | 47. City Center Access Phase 2—Southbound Ramps | 30 |
| 17. Cold Creek Culvert Replacements and Channel Stabilization | 15 | 48. Southwest 340th Street Roadway Improvements (31st Avenue Southwest to 37th Avenue Southwest) | 30 |
| 18. South 356th Street Culvert Replacement | 15 | 49. Hidden Pond Feasibility | 31 |
| 19. Redondo Creek Culvert Replacement 16th Avenue South | 16 | 50. South Dash Point Road and Southwest 301st Street Compact Roundabout | 31 |
| 20. Southwest 344th Street at 27th Avenue Southwest Compact Roundabout | 16 | 51. 16th Avenue South Southbound Auxiliary Lane | 32 |
| 21. 2023 Pedestrian Safety System Improvements | 17 | 52. West Hylebos Watershed Trail | 32 |
| 22. Military Road South (South City Limit to South 320th Street) Preservation | 17 | 53. South 359th Street Culvert Replacement | 33 |
| 23. South 348th Street: 9th Avenue South to Pacific Highway (Preservation) | 18 | 54. South Star Lake Road Eastbound Right Turn Lane and Sidewalk Improvements | 33 |
| 24. Fiber Optic Network Loop | 18 | 55. West Hylebos Education Center Site Improvements | 34 |
| 25. South 288th Street Road Diet—Phase 2 | 19 | 56. 1st Avenue South Shoulder Improvements | 34 |
| 26. City Center Access Phase 1 Environmental | 19 | 57. South 320th Street and 1st Avenue South Intersection and Corridor Improvements | 35 |
| 27. Pacific Highway South at 373rd Street Roundabout with Median Control | 20 | 58. 33rd Place South Drainage Improvements | 35 |
| 28. Upsize Pipes at Southwest Campus Drive (West to 9th Avenue Southwest) | 20 | 59. South 356th Street Widening (1st Avenue South to Pacific Highway South) | 36 |
| 29. Hylebos Land Acquisition | 21 | | |
| 30. South 324th Street and Pacific Highway South Drainage Improvements | 21 | | |
| 31. Southwest King County Regional Trail Plan | 22 | | |

STORMWATER:  NON-MOTORIZED:  ROADWAY: 

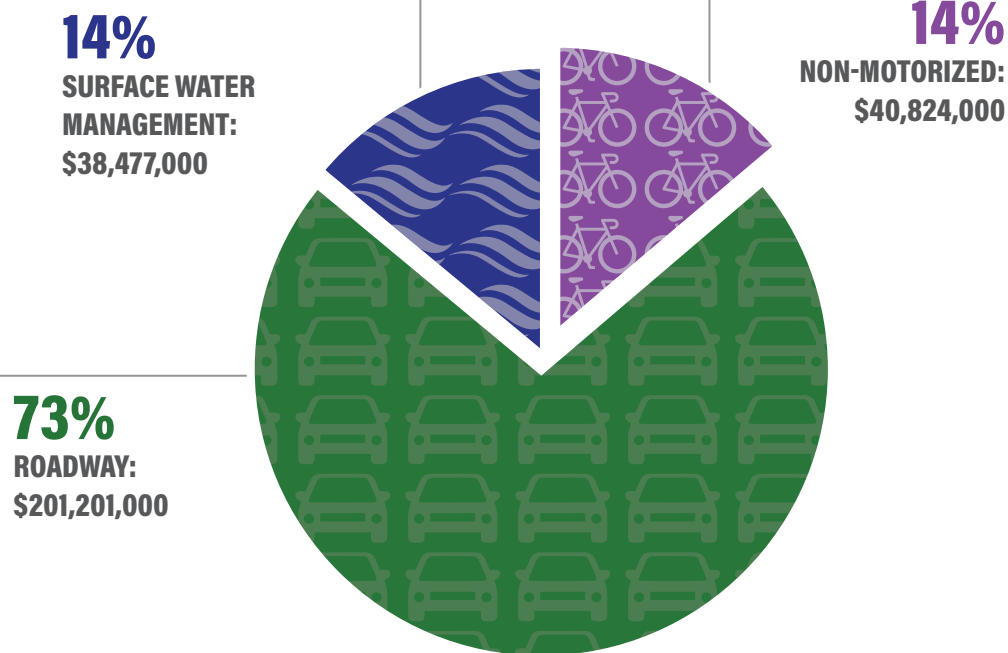
CAPITAL IMPROVEMENT PROJECTS 2023-2029



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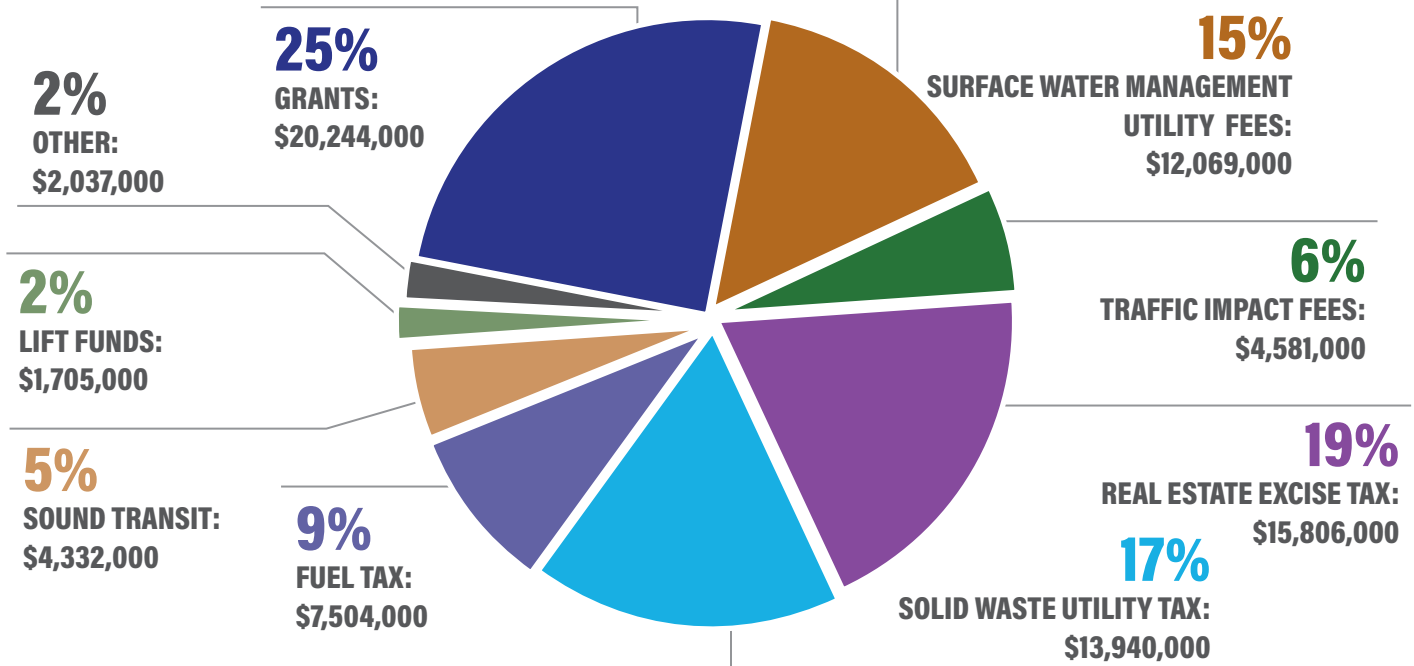
PROJECTED CAPITAL COSTS

TOTAL: \$280,502,000



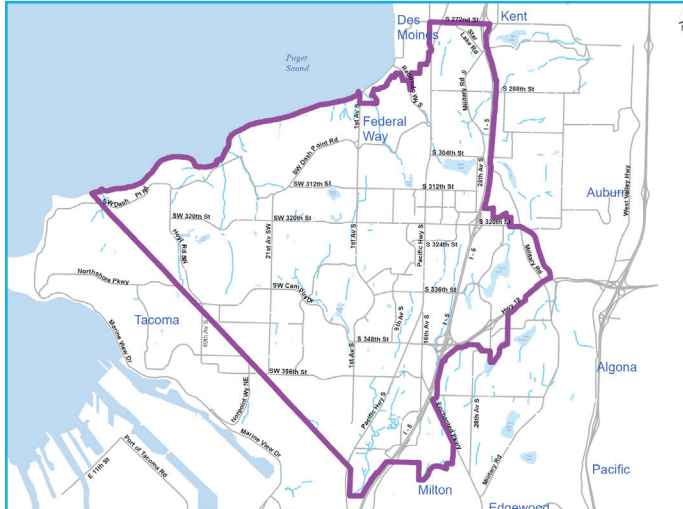
AVAILABLE REVENUE

TOTAL: \$82,218,000



STORMWATER: NON-MOTORIZED: ROADWAY:

1. AMERICANS WITH DISABILITIES ACT (ADA) RETROFITS



PROJECT DESCRIPTION:

Upgrade specific intersections, streets, and sidewalks in order to meet minimum ADA requirements.

PUBLIC BENEFIT:

- Bring facilities into compliance with ADA
- Improved non-motorized transportation safety and access

PROJECT COST: \$400,000 per year

PROJECT TYPE:

TIMELINE: Annual



2. CATCH BASIN REHAB

 Citywide



PROJECT DESCRIPTION:

Repair failing catch basin frames within high traffic areas of the City.

PUBLIC BENEFIT:

- Improved public safety
- Improved water quality

PROJECT COST: \$75,000 per year

PROJECT TYPE: 

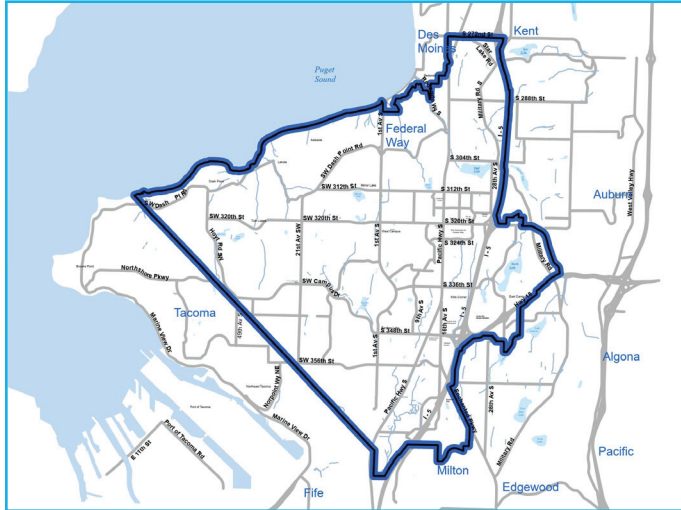
TIMELINE: Annual



STORMWATER:  NON-MOTORIZED:  ROADWAY: 

3. CCTV INSPECTION AND ASSESSMENT

Citywide



PROJECT DESCRIPTION:

Inspect stormwater conveyance system using video equipment and determine condition of the pipes and priority for repairs.

PUBLIC BENEFIT:

- Improved water quality

PROJECT COST: \$100,000 per year

PROJECT TYPE:

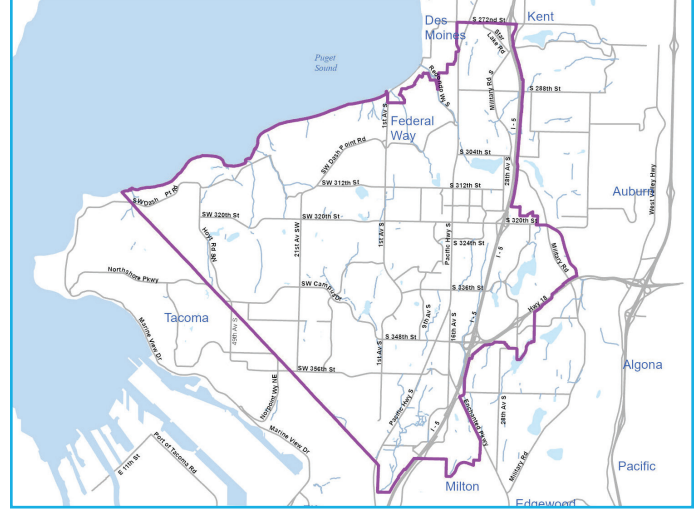
TIMELINE: Annual



CCTV image of the inside of a damaged corrugated metal pipe.

4. LOCAL IMPROVEMENT DISTRICT NON-MOTORIZED IMPROVEMENT

Citywide



PROJECT DESCRIPTION:

Install pedestrian and bicycle frontage improvements to areas designated as Local Improvement Districts

PUBLIC BENEFIT:

- Improved non-motorized transportation safety
- Reduced barriers to non-motorized transportation activity through improved pedestrian/bicycle facilities

PROJECT COST: \$300,000 per year

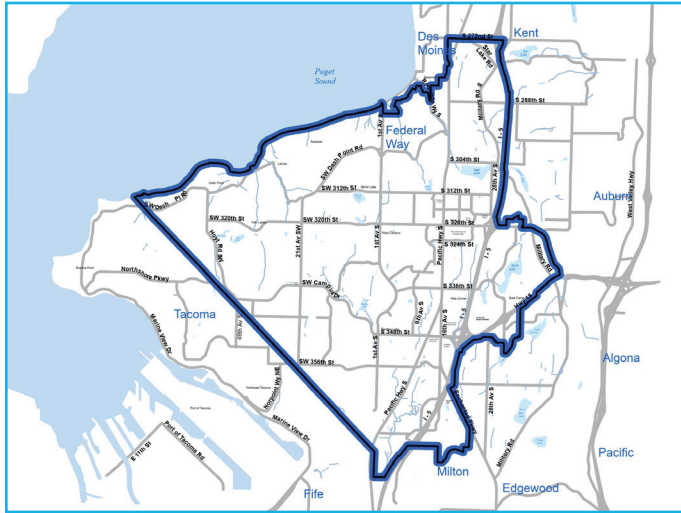
PROJECT TYPE:

TIMELINE: Annual



5. NEIGHBORHOOD DRAINAGE IMPROVEMENTS

 Citywide



PROJECT DESCRIPTION:

Annual program to address stormwater runoff and flooding concerns for private property owners who apply and are approved to participate through the use of facilities such as rain gardens.

PUBLIC BENEFIT:

- Polluted rainwater runoff will soak into the ground before reaching area waterways
- Improved water quality
- Reduced flooding

PROJECT COST: \$25,000 per year

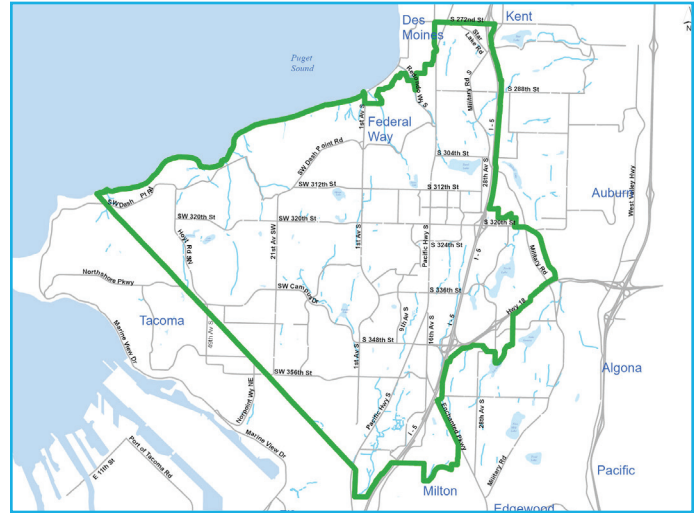
PROJECT TYPE: 

TIMELINE: Annual



6. PAVEMENT OVERLAY

 Citywide



PROJECT DESCRIPTION:

This is an essential street preservation program in which selected streets are repaved, along with the repair and improvement to curb, sidewalks and curb ramps to meet Americans with Disabilities Act (ADA) requirements.

PUBLIC BENEFIT:

- Improved driver safety
- Improved conditions for non-motorized users with ADA upgrades
- Extended life of the road surface

PROJECT COST: \$3,900,000 per year

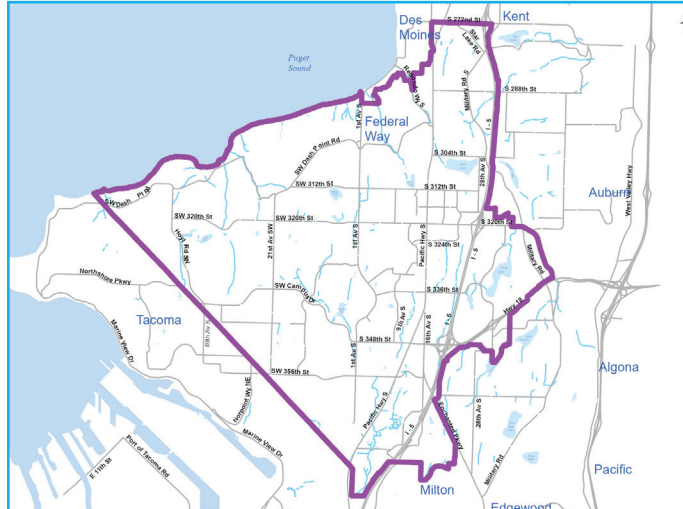
PROJECT TYPE: 

TIMELINE: Annual



7. PEDESTRIAN SAFETY IMPROVEMENTS PROGRAM

Citywide



PROJECT DESCRIPTION:

Install Rectangular Rapid Flashing Beacons and other pedestrian safety treatments such as enhanced signing and markings and sidewalk improvements.

PUBLIC BENEFIT:

- Improved non-motorized transportation safety
- Reduced barriers to walking through improved pedestrian facilities

PROJECT COST: \$320,000 per year

PROJECT TYPE: 

TIMELINE: Annual



8. PIPE REHAB

Citywide



PROJECT DESCRIPTION:

Upgrade damaged storm pipe.

PUBLIC BENEFIT:

- Improved water quality
- Reduced flooding

PROJECT COST: \$317,000 per year

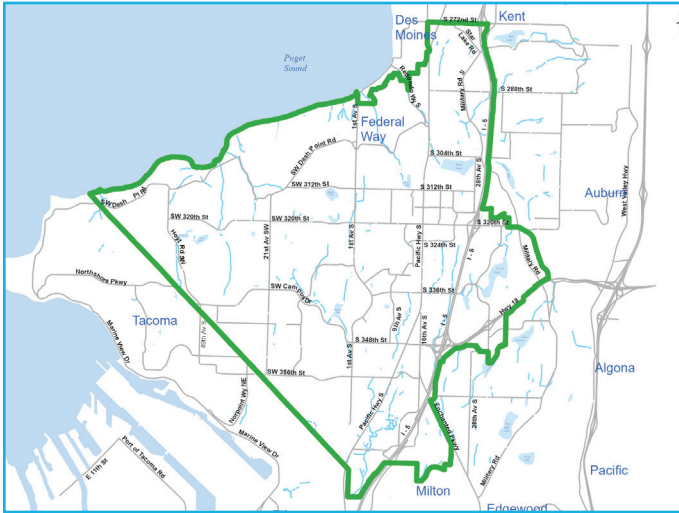
PROJECT TYPE: 

TIMELINE: Annual



9. STREET VEGETATION MANAGEMENT

 Citywide



PROJECT DESCRIPTION:

Remove and/or replace roadside plants that hinder vehicle and non-motorized travel. Work may include removing street trees that outgrow planter strips and are uplifting the roadway and/or sidewalk. Program includes replacing damaged sidewalk and pavement surfaces.

PUBLIC BENEFIT:

- Improved safety for sidewalk and roadway users
- Reduced long-term costs

PROJECT COST: \$200,000 per year

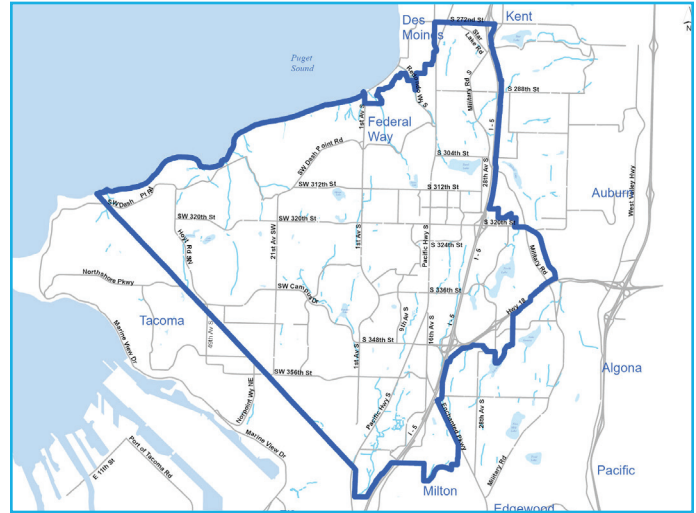
PROJECT TYPE: 

TIMELINE: Annual



10. WATER QUALITY MONITORING

 Citywide



PROJECT DESCRIPTION:

This program has three phases.

Phase 1: Staff will gather information from historic water quality data for all streams within the City. Review current 303(d) stream impairments.

Phase 2: The City will purchase monitoring equipment that will collect data remotely in order to reduce staff time. Create a Quality Assurance Project Plan to ensure collection of quality data acceptable by WA State Department of Ecology.

Phase 3: Staff will compile the data and create stream health reports to educate the public, identify hot spots for future water quality projects, and provide WA State Department of Ecology with water quality data for our area with the goal of correcting current 303(d) stream impairments.

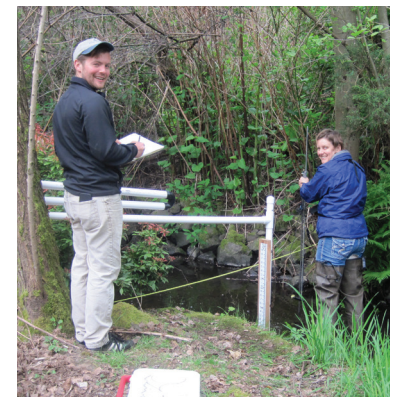
PUBLIC BENEFIT:

- Improved water quality and watershed health
- Increased public awareness of water quality and watershed health
- Improved water quality

PROJECT COST: \$100,000 per year

PROJECT TYPE: 

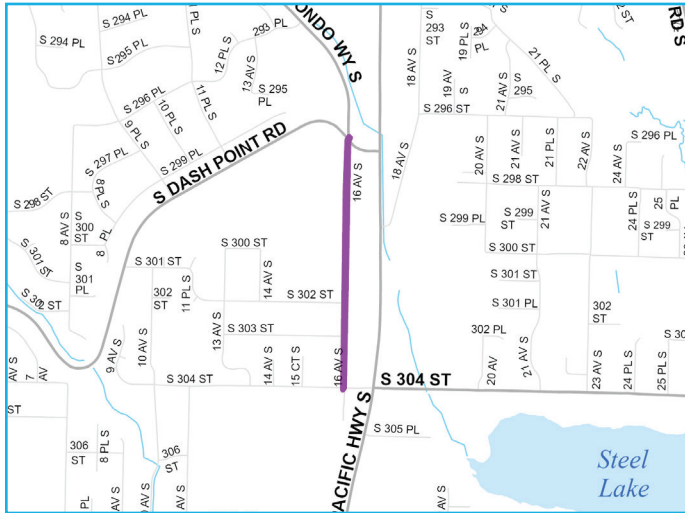
TIMELINE: Annual



STORMWATER:  NON-MOTORIZED:  ROADWAY: 

11. PACIFIC HIGHWAY SOUTH NON-MOTORIZED CORRIDOR—PHASE 1

16th Avenue South: South 304th Street to
South Dash Point Road



PROJECT DESCRIPTION:

Trail to provide improved non-motorized access to the City Center and neighboring cities.

PUBLIC BENEFIT:

- Improved safety for non-motorized users by separating them from the roadway
- Reduced noise and air pollution in surrounding areas due to an increase in non-motorized use and a decrease in single occupancy vehicles

PROJECT COST: \$3,185,000

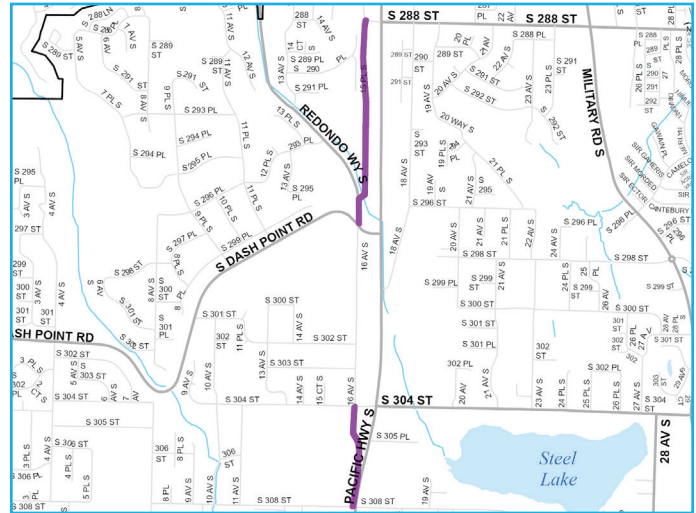
PROJECT TYPE: 

TIMELINE: 2020-2023



12. PACIFIC HIGHWAY SOUTH NON-MOTORIZED CORRIDOR—PHASE 2

16th Avenue South (Unopened Row): South Dash Point Road
to South 288th Street and 16th Avenue South/Pacific Highway
South (South 304th Street to South 308th Street)



PROJECT DESCRIPTION:

Trail to provide improved non-motorized access to the City Center and neighboring cities.

PUBLIC BENEFIT:

- Improved safety for non-motorized users by separating them from roadway
- Reduced noise and air pollution in surrounding areas due to an increase in non-motorized use and a decrease in single occupancy vehicles.

PROJECT COST: \$5,500,000

PROJECT TYPE: 

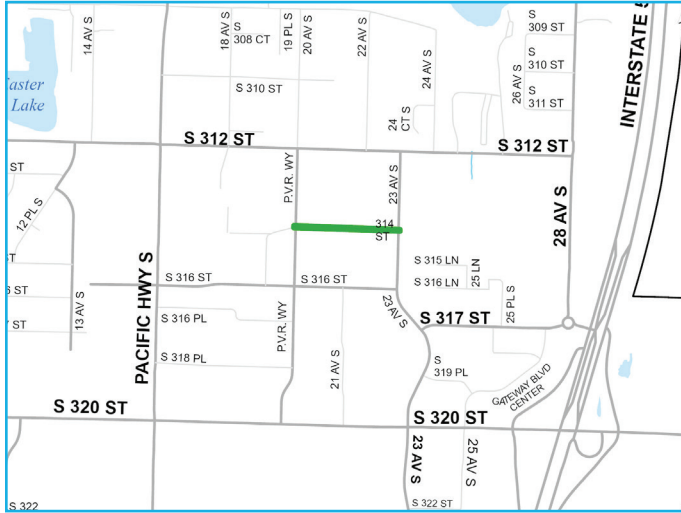
TIMELINE: 2020-2026



STORMWATER:  NON-MOTORIZED:  ROADWAY: 

13. SOUTH 314TH STREET IMPROVEMENTS

📍 South 314th Street: Pete von Reichbauer Way to 23rd Avenue South



PROJECT DESCRIPTION:

Improve curbs, gutters, sidewalks, street lighting, and street trees on South 314th Street between Pete von Reichbauer Way and 23rd Avenue S.

PUBLIC BENEFIT:

- Fills a gap in the City Center to connect the transit center, business district, Performing Arts and Event Center, and high density residential

PROJECT COST: \$4,288,000

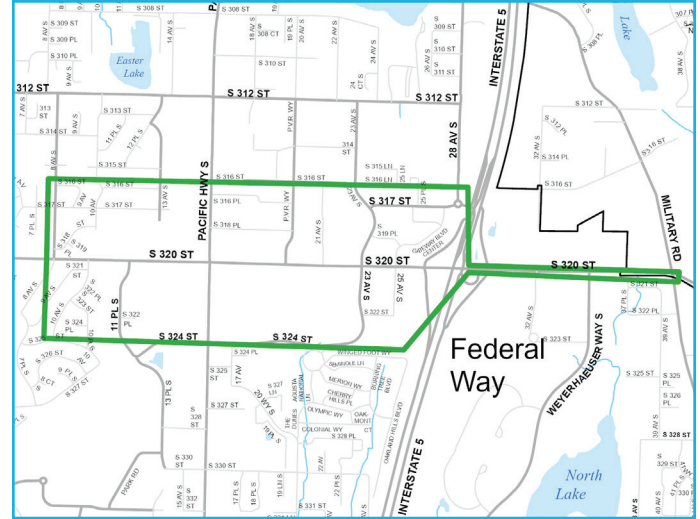
PROJECT TYPE: 🚗

TIMELINE: 2020-2027



14. ADAPTIVE TRAFFIC CONTROL SYSTEM—CITY CENTER PHASE I, STAGE 2—DETECTION UPGRADES

📍 City Center Area



PROJECT DESCRIPTION:

Phase I, Stage 2 of the Adaptive Traffic Signal Control system was not able to fully fund the equipment to fully optimize 9 of the 25 intersections. This project will allow all 25 intersections to function equally.

PUBLIC BENEFIT:

- Reduced traffic delays and stops
- Improved air quality and safety

PROJECT COST: \$1,009,000

PROJECT TYPE: 🚗

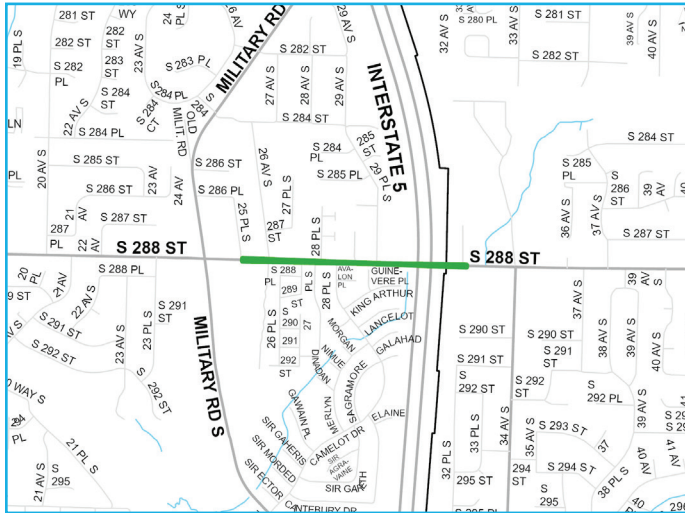
TIMELINE: 2021-2023



STORMWATER: 🌊 NON-MOTORIZED: 🚲 ROADWAY: 🚗

15. SOUTH 288TH STREET ROAD DIET— PHASE 1

📍 South 288th Street from Military Road to 34th Avenue South



PROJECT DESCRIPTION:

By adding mid-block pedestrian crossings, Rectangular Flashing Beacons, and modifying the channelization, the safety of both drivers and pedestrians will be increased. The 4-lane road will be changed to a 3-lane road with a two-way left-turn lane.

PUBLIC BENEFIT:

- Reduce Car Accidents
- Increase pedestrian safety

PROJECT COST: \$1,740,000

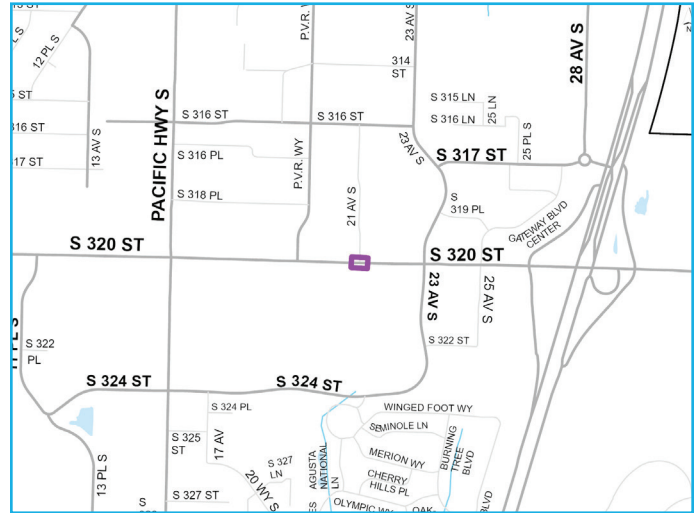
PROJECT TYPE: 🚗

TIMELINE: 2021-2023



16. 21ST AVENUE SOUTH AT SOUTH 320TH STREET—SIGNALIZATION AND PEDESTRIAN IMPROVEMENTS

📍 21st Avenue South at South 320th Street



PROJECT DESCRIPTION:

Install a traffic signal and signalized pedestrian crosswalk.

PUBLIC BENEFIT:

- Improved pedestrian safety
- Improved pedestrian and vehicle access to Federal Way Transit Center and future light rail station

PROJECT COST: \$1,720,000

PROJECT TYPE: 🚲

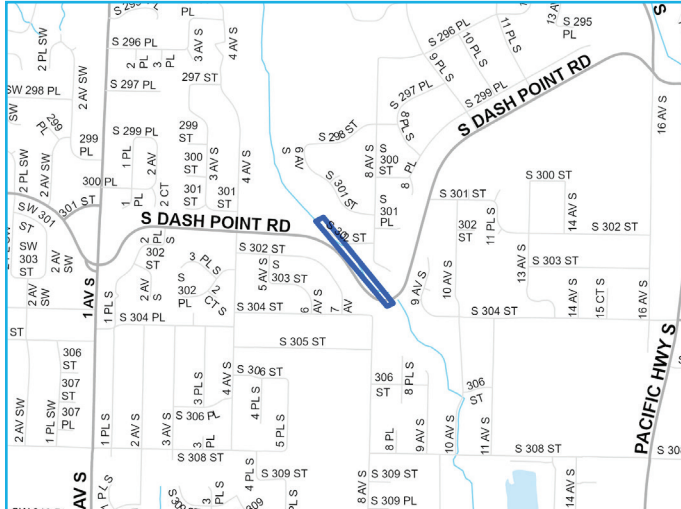
TIMELINE: 2021-2024



STORMWATER: 🌊 NON-MOTORIZED: 🚲 ROADWAY: 🚗

17. COLD CREEK CULVERT REPLACEMENTS AND CHANNEL STABILIZATION

 Cold Creek near South 302nd Street and 8th Avenue South



PROJECT DESCRIPTION:

A sequence of projects to reduce upstream erosion, install grade controls and stabilization downstream, and replace the pipe or reopen the stream channel near the Marine Hills pool.

PUBLIC BENEFIT:

- Reduced erosion
- Reduced flooding
- Improved water quality

PROJECT COST: \$3,800,000

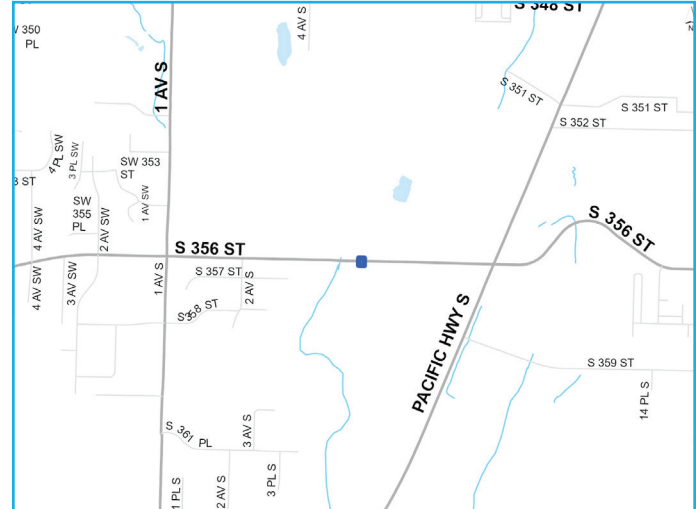
PROJECT TYPE: 

TIMELINE: 2021-2028



18. SOUTH 356TH STREET CULVERT REPLACEMENT

 West Hylebos Creek crosses South 356th Street



PROJECT DESCRIPTION:

Replace rusted culverts with larger box culverts that meet Washington Department of Fish and Wildlife fish passage criteria.

This project will take place at the same time as the street widening project for South 356th Street.

PUBLIC BENEFIT:

- Reduced flooding
- Improved water quality

PROJECT COST: \$5,080,000

PROJECT TYPE: 

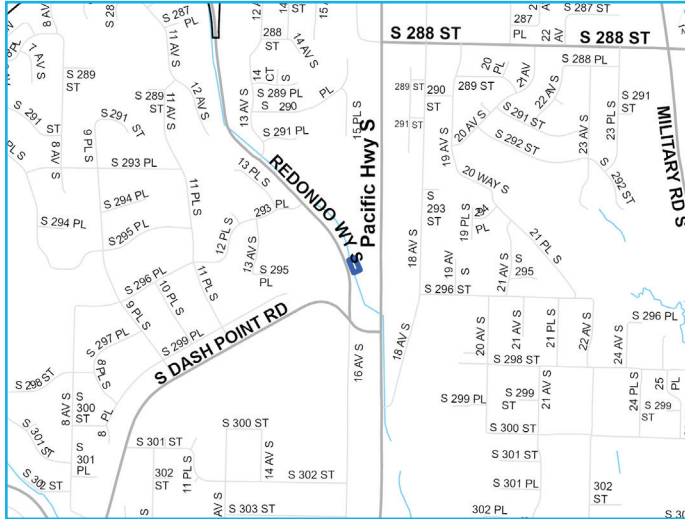
TIMELINE: 2021-2029



STORMWATER:  NON-MOTORIZED:  ROADWAY: 

19. REDONDO CREEK CULVERT REPLACEMENT AT 16TH AVENUE SOUTH

Redondo Creek at 16th Avenue South



PROJECT DESCRIPTION:

Redondo Creek frequently floods because the current culvert does not have enough capacity to handle high volumes of water flow. The project will replace the failed culvert with one that is fish-passable.

PUBLIC BENEFIT:

- Reduced flooding potential
- Improved water quality

PROJECT COST: \$3,728,000

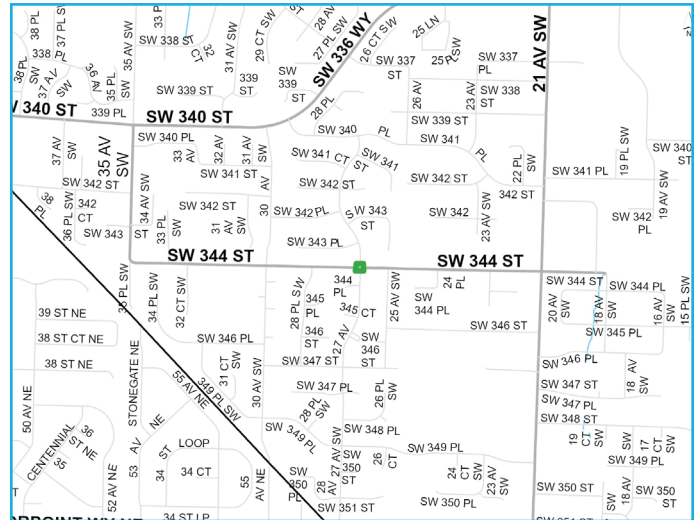
PROJECT TYPE:

TIMELINE: 2022-2023



20. SOUTHWEST 344TH STREET AT 27TH AVENUE SOUTHWEST COMPACT ROUNDABOUT

Southwest 344th Street at 27th Avenue Southwest



PROJECT DESCRIPTION:

Construct a small roundabout at the intersection of Southwest 344th Street and 27th Avenue Southwest.

PUBLIC BENEFIT:

- Improved intersection operations
- Reduced number and severity of collisions
- Improved intersection visibility

PROJECT COST: \$1,070,000

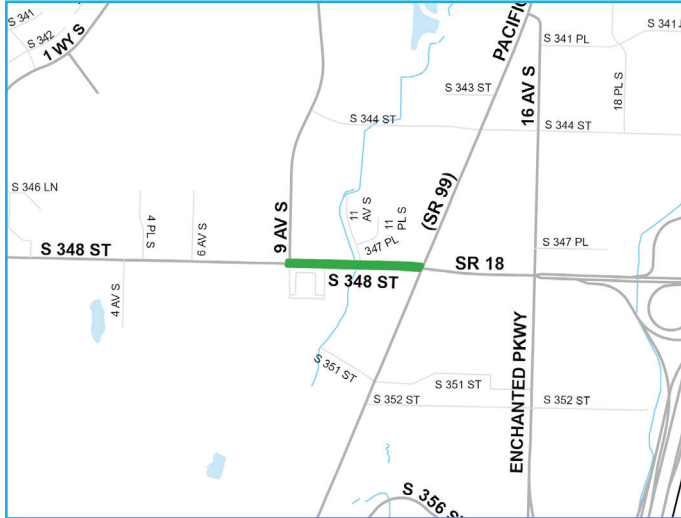
PROJECT TYPE:

TIMELINE: 2022-2023



23. SOUTH 348TH STREET: 9TH AVENUE SOUTH TO PACIFIC HIGHWAY (PRESERVATION)

📍 South 348th Street (9th Avenue South to Pacific Highway South)



PROJECT DESCRIPTION:

Resurfacing South 348th St between 9th Ave South and Pacific Highway South, upgrade pavement markings and improve curb ramps and pedestrian push buttons to meet current ADA standards.

PUBLIC BENEFIT:

- Improved driver safety
- Improved condition for non-motorized users with ADA upgrades
- Extended life of the road surface

PROJECT COST: \$1,116,000

PROJECT TYPE: 🚗

TIMELINE: 2022-2023



24. FIBER OPTIC NETWORK LOOP

📍 Northeast area of the City



PROJECT DESCRIPTION:

Expand the City's current fiber optic network and create redundant loops to provide seamless communications with traffic signals and safe city cameras.

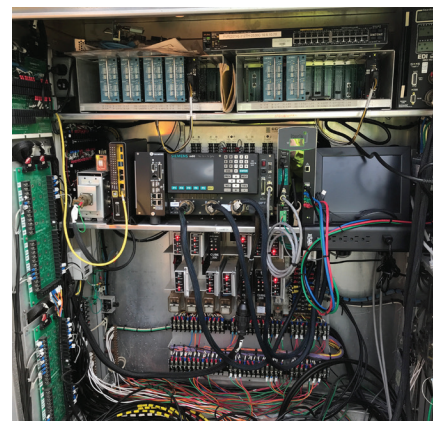
PUBLIC BENEFIT:

- Less interruption with safe city cameras
- Better communication with the cities network of traffic signals.

PROJECT COST: \$2,600,000

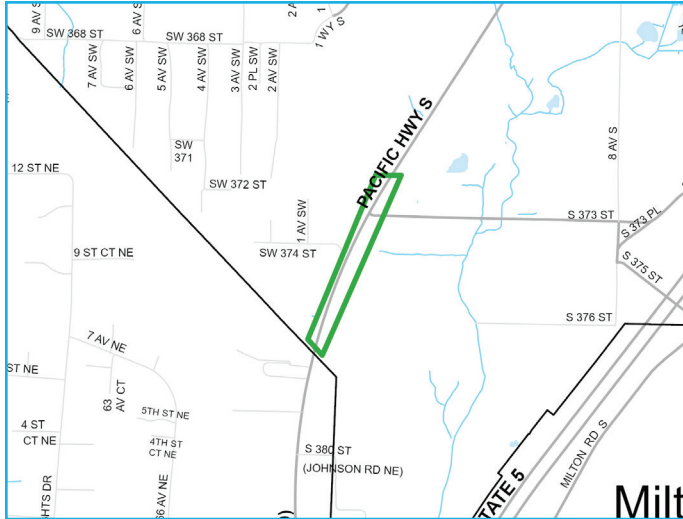
PROJECT TYPE: 🚗

TIMELINE: 2022-2024



27. PACIFIC HIGHWAY SOUTH AT SOUTH 373RD STREET ROUNDABOUT WITH MEDIAN CONTROL

 Pacific Highway South at South 373rd Street



PROJECT DESCRIPTION:

Establish median control throughout the length of the project and construct a roundabout at the intersection of South 373rd Street.

PUBLIC BENEFIT:

- Reduced severity of collisions
- Improved lighting
- Reduced delay on side streets
- Improved intersection geometry at South 373rd Street

PROJECT COST: \$5,040,000

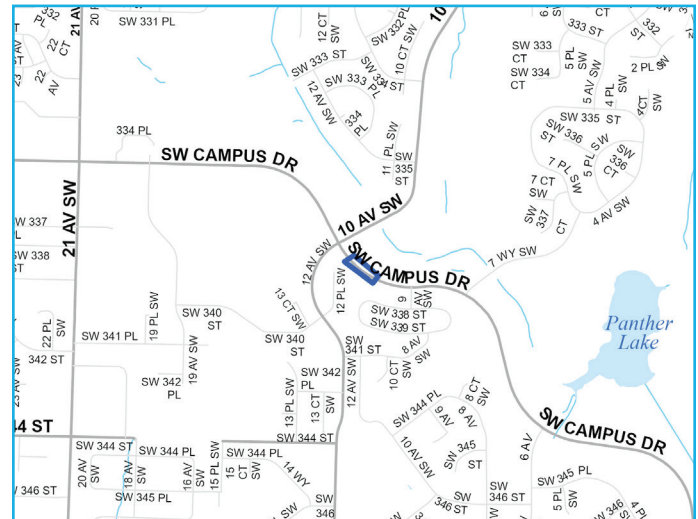
PROJECT TYPE:

TIMELINE: 2022-2026



28. UPSIZE PIPES AT SOUTHWEST CAMPUS DRIVE WEST OF 9TH AVENUE SOUTHWEST

 Southwest Campus Drive, west of 9th Avenue Southwest



PROJECT DESCRIPTION:

Replace the existing 8 inch diameter pipes with 12 inch stormwater pipes to increase capacity within the system.

PUBLIC BENEFIT:

- Reduced flooding
- Improved water quality

PROJECT COST: \$30,000

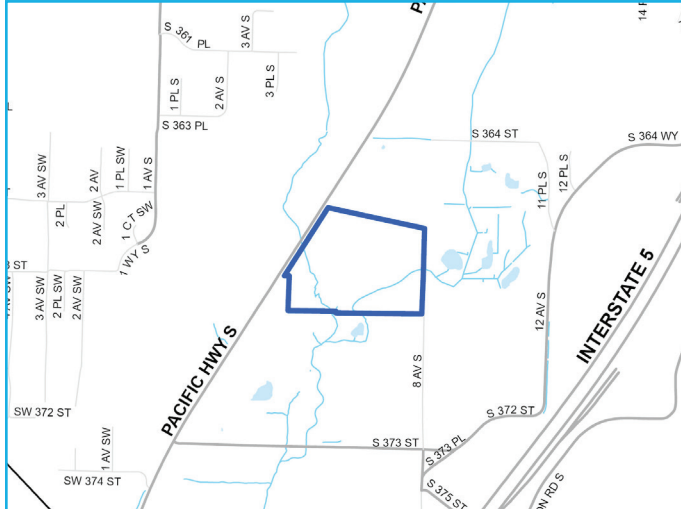
PROJECT TYPE: 

TIMELINE: 2023



29. HYLEBOS LAND ACQUISITION

 Hylebos Watershed between Pacific Highway South and 8th Avenue South



PROJECT DESCRIPTION:

Acquire high value riparian corridor properties and protect high value habitat and wildlife areas within the City.

PUBLIC BENEFIT:

- Improved water quality
- Restored endangered species habitat

PROJECT COST: \$5,180,000

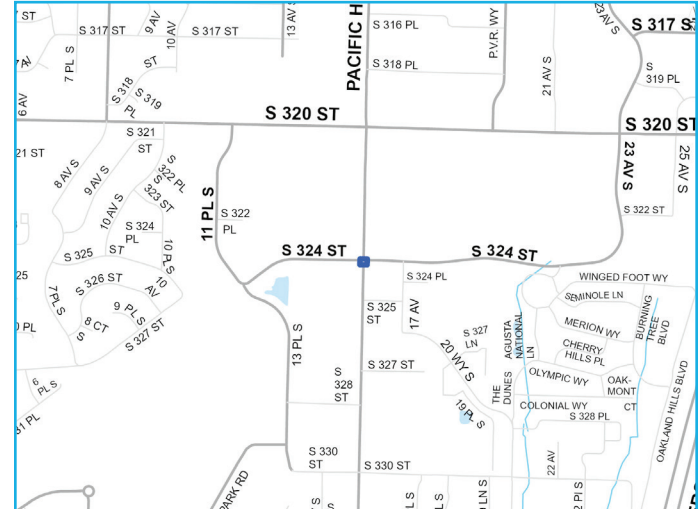
PROJECT TYPE: 

TIMELINE: 2023-2024



30. SOUTH 324TH STREET AND PACIFIC HIGHWAY SOUTH DRAINAGE IMPROVEMENTS

 South 324th Street and Pacific Highway South



PROJECT DESCRIPTION:

Improvements to the storm system to address recurring street flooding during intense storms.

PUBLIC BENEFIT:

- Reduced flooding
- Improved water quality

PROJECT COST: \$350,000

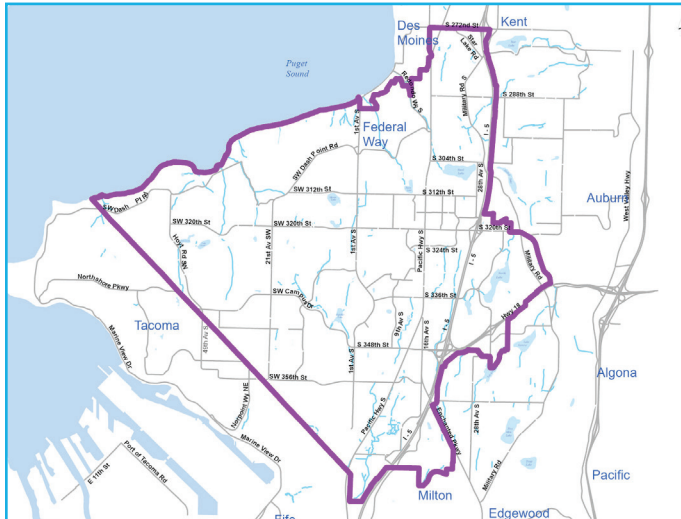
PROJECT TYPE: 

TIMELINE: 2023-2024



31. SOUTHWEST KING COUNTY REGIONAL TRAIL PLAN

Citywide and beyond



PROJECT DESCRIPTION:

Develop a plan defining potential routes to connect trails within the City to other regional trails such as Interurban Trail, Green River Trail, etc. in other jurisdictions.

PUBLIC BENEFIT:

- Fills gaps in regional trails plan
- Positions the City and its neighboring agencies to jointly pursue grant funds for regional trail connections.
- Provide better recreational and commuting options

PROJECT COST: \$300,000

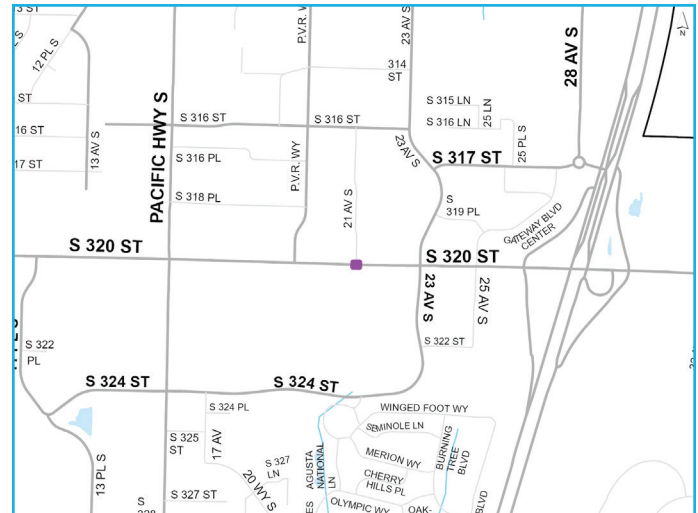
PROJECT TYPE:

TIMELINE: 2023-2024



32. SOUTH 320TH STREET AT 21ST AVENUE SOUTH GRADE SEPARATION FEASIBILITY STUDY

South 320th Street at 21st Avenue South



PROJECT DESCRIPTION:

Study to determine the feasibility of a grade separated pedestrian crossing across South 320th Street at 21st Avenue South.

PUBLIC BENEFIT:

- Improved pedestrian safety
- Improved pedestrian access to Federal Way Transit Center and future light rail station

PROJECT COST: \$300,000

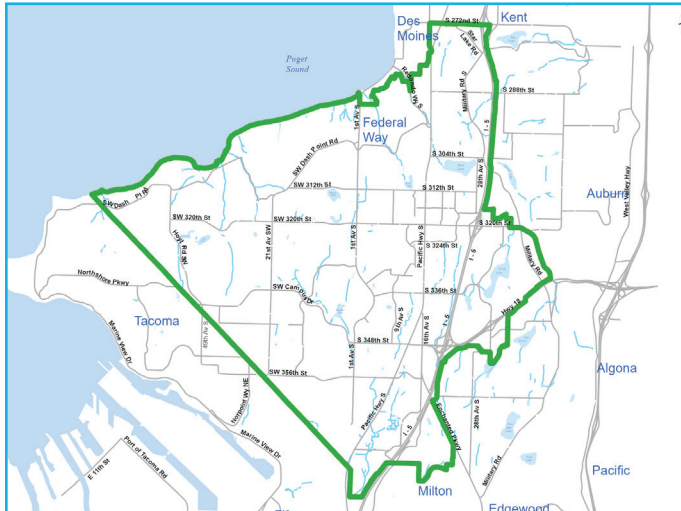
PROJECT TYPE:

TIMELINE: 2023-2024



33. HIGH FRICTION SURFACE TREATMENTS

📍 6 Locations



PROJECT DESCRIPTION:

Install high friction surface treatment at 6 locations to reduce run-off -the-road crashes on curves.

PUBLIC BENEFIT:

- Provides improved surface friction to help reduce crashes
- Offers low cost solution compared to realigning road
- Produces negligible environmental impacts and minimal impact on traffic

PROJECT COST: \$952,000

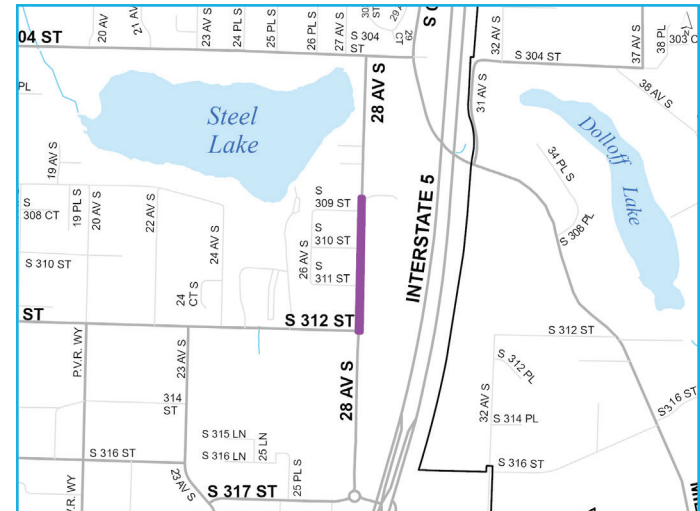
PROJECT TYPE: 🚗

TIMELINE: 2023-2024



34. 28TH AVENUE SOUTH SIDEWALK IMPROVEMENTS (SOUTH 308TH LANE TO SOUTH 312TH STREET)

📍 28th Avenue South: South 312th Street–South 308th Lane



PROJECT DESCRIPTION:

Construct a sidewalk with planter strip, street trees, and street lights along the east side of 28th Avenue South between South 308th Lane and South 312th Street.

PUBLIC BENEFIT:

- Improved non-motorized transportation safety
- Increased visibility for all users

PROJECT COST: \$1,020,000

PROJECT TYPE: 🚲

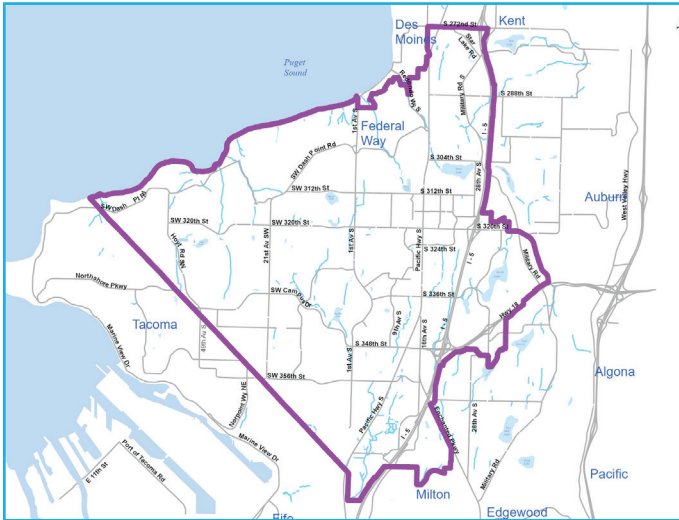
TIMELINE: 2023-2026



STORMWATER: 🌊 NON-MOTORIZED: 🚲 ROADWAY: 🚗

35. RECTANGULAR RAPID FLASHING BEACON UPGRADES

Multiple locations throughout the City



PROJECT DESCRIPTION:

Replace median-mounted Rectangular Rapid Flashing Beacons with overhead mountings.

PUBLIC BENEFIT:

- Improved safety
- Reduces replacement costs due to knockdowns of median-mounted poles

PROJECT COST: \$830,000

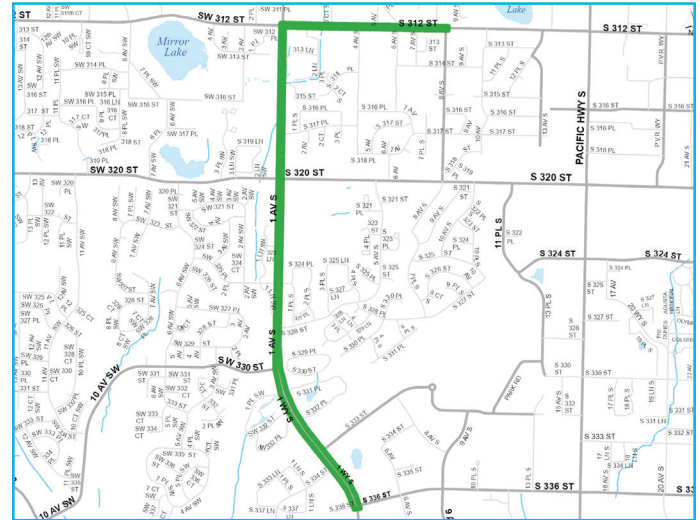
PROJECT TYPE: 

TIMELINE: 2024-2025



36. ADAPTIVE TRAFFIC CONTROL SYSTEM PHASE 4

Nine locations on 312th Street and 1st Avenue South corridors



PROJECT DESCRIPTION:

The Adaptive Traffic Control system monitors traffic conditions in real time and adjusts signal timing each signal cycle.

PUBLIC BENEFIT:

- Reduced traffic delays and stops
- Improved air quality and safety

PROJECT COST: \$750,000

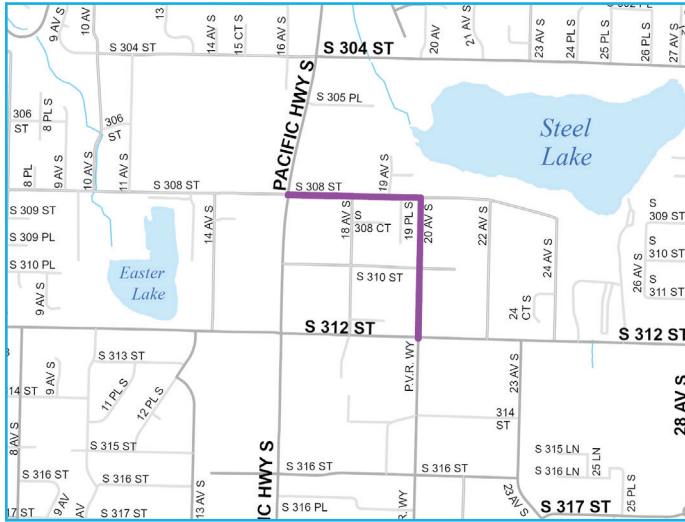
PROJECT TYPE: 

TIMELINE: 2024-2025



37. FWHS—CITY CENTER GREENWAY: S 308TH STREET/20TH AVENUE S

📍 South 308th Street-Pacific Highway South to 20th Avenue South, 20th Avenue South-South 308th Street to South 312th Street



PROJECT DESCRIPTION:

Connect the City Center to the 16th Avenue South Trail via a planned Bike Boulevard along South 308th Street and 20th Avenue South. The Bike Boulevard is a low-volume, low-speed street that can be optimized for bike travel via low cost improvements of striping and signing.

PUBLIC BENEFIT:

- Encourage people who are interested in bicycling and walking
- Active transportation options for the community
- Provide non-motorized connection between City Center and destinations to the north

PROJECT COST: \$500,000

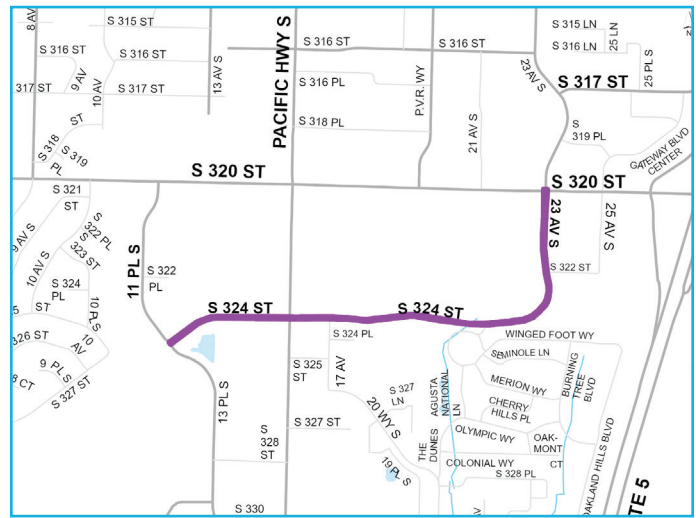
PROJECT TYPE: 🚲

TIMELINE: 2024-2025



38. BPA TRAIL EXTENSION—CITY CENTER

📍 South 324th Street (11th Place South to 23rd Avenue South) and 23rd Avenue South (South 324th Street to South 320th Street)



PROJECT DESCRIPTION:

Construct a paved / concrete non-motorized path along the north side of South 324th Street and west side of 23rd Avenue South from the BPA trail terminus at 11th Place South / South 324th Street to the new Sound Transit LINK Light Rail Station in the City Center.

PUBLIC BENEFIT:

- Improved pedestrian safety
- Increased accessibility to light rail and bus service at the new Federal Way Transit Center

PROJECT COST: \$6,900,000

PROJECT TYPE: 🚲

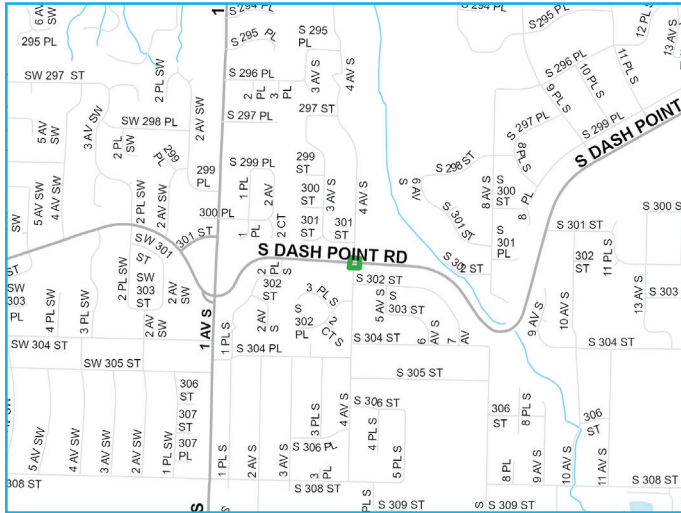
TIMELINE: 2024-2027



STORMWATER: 🌊 NON-MOTORIZED: 🚲 ROADWAY: 🚗

39. SOUTH DASH POINT ROAD AND 4TH AVENUE SOUTH COMPACT ROUNDABOUT

📍 South Dash Point Road and 4th Avenue South



PROJECT DESCRIPTION:

Construct a small roundabout at the intersection.

PUBLIC BENEFIT:

- Improved intersection operations
- Reduced number and severity of collisions

PROJECT COST: \$1,000,000

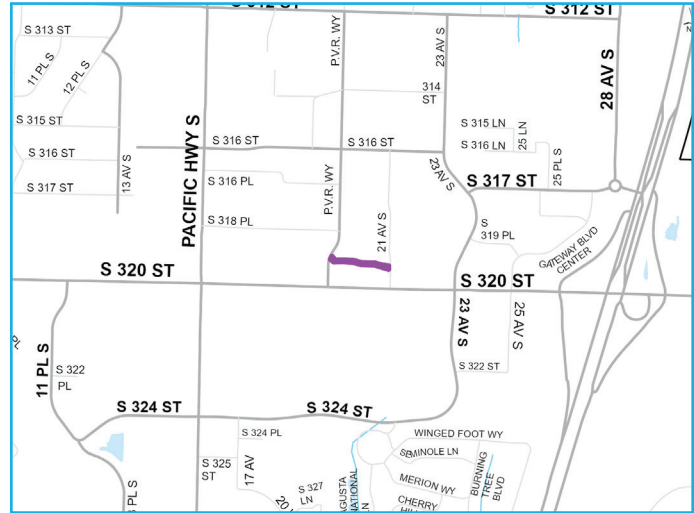
PROJECT TYPE: 🚗

TIMELINE: 2025



40. FEDERAL WAY TRANSIT CENTER PEDESTRIAN ACCESS IMPROVEMENTS

📍 Federal Way Transit Center (South 319th Place between 20th Avenue South and 21st Avenue South)



PROJECT DESCRIPTION:

Construct sidewalks and preserve pedestrian access between large blocks within the City Center.

PUBLIC BENEFIT:

- Improved non-motorized transportation safety
- Increased visibility for all users trying to access the FWTC
- Increased accessibility to light rail and bus service at the new FWTC

PROJECT COST: \$1,000,000

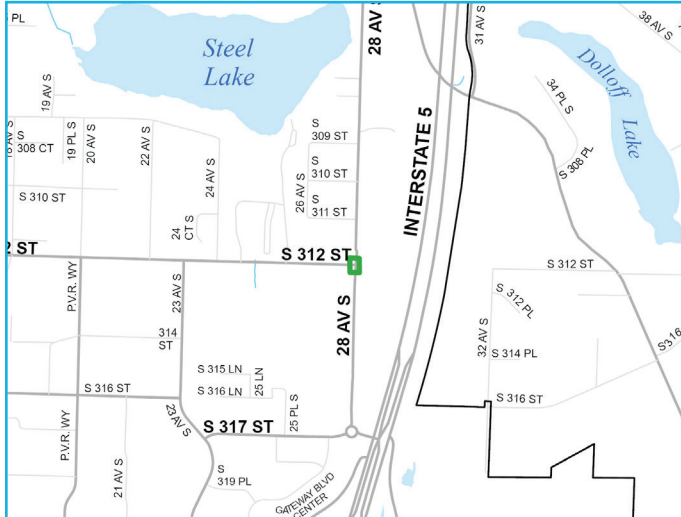
PROJECT TYPE: 🚲

TIMELINE: 2025



41. SOUTH 312TH STREET AND 28TH AVENUE SOUTH INTERSECTION IMPROVEMENTS

📍 South 312th Street and 28th Avenue South



PROJECT DESCRIPTION:

Construct a southbound right turn lane or a roundabout.

PUBLIC BENEFIT:

- Reduced delay and traffic back-ups
- Increased efficiency and safety of intersection

PROJECT COST: \$771,000

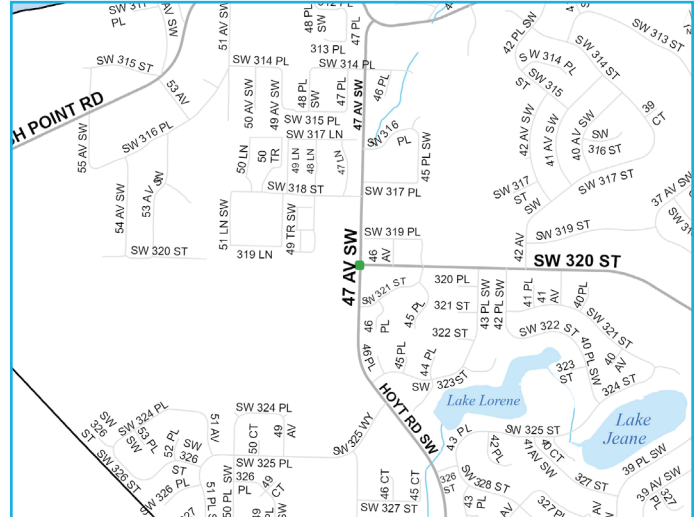
PROJECT TYPE: 🚗

TIMELINE: 2025



42. SOUTHWEST 320TH STREET AND 47TH AVENUE SOUTHWEST TRAFFIC SIGNAL

📍 Southwest 320th Street and 47th Avenue Southwest



PROJECT DESCRIPTION:

Install a traffic signal and pedestrian improvements at the existing all-way stop intersection. This would provide a signalized pedestrian crosswalk across a four-lane arterial street.

PUBLIC BENEFIT:

- Improved pedestrian safety
- Reduced vehicle delay and traffic back-ups

PROJECT COST: \$569,000

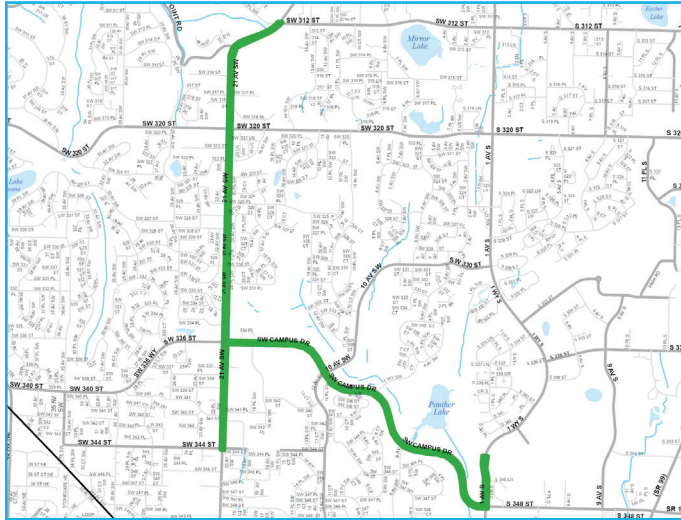
PROJECT TYPE: 🚗

TIMELINE: 2025



43. ADAPTIVE TRAFFIC CONTROL SYSTEM PHASE 5

Multiple locations at 21st Avenue Southwest and Southwest Campus Drive Corridors



PROJECT DESCRIPTION:

The Adaptive Traffic Control system monitors traffic conditions in real time and adjusts signal timing each signal cycle.

PUBLIC BENEFIT:

- Reduced traffic delays and stops
- Improved air quality and safety

PROJECT COST: \$1,200,000

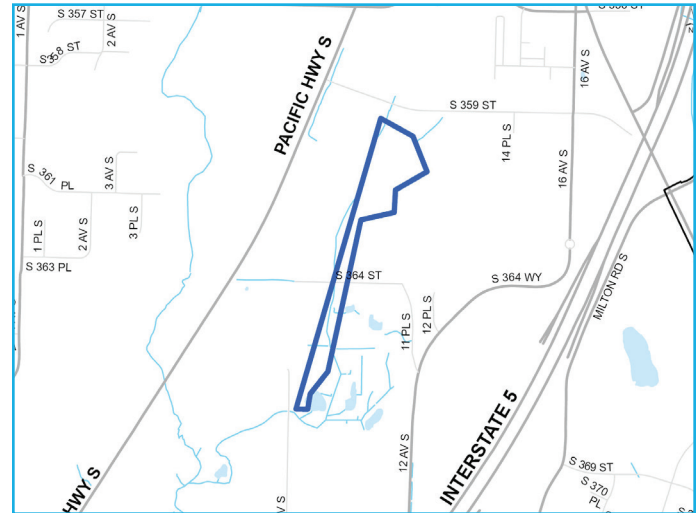
PROJECT TYPE: 🚗

TIMELINE: 2025



44. NORTH FORK WEST HYLEBOS TRAIL

North Fork West Hylebos Trail



PROJECT DESCRIPTION:

Create a nature trail system within Spring Valley along the North Fork of West Hylebos Creek.

PUBLIC BENEFIT:

- Connect the community with the natural environment
- Increased opportunities for education and outreach and environmental stewardship
- Improved water quality

PROJECT COST: \$5,200,000

PROJECT TYPE: 🌊

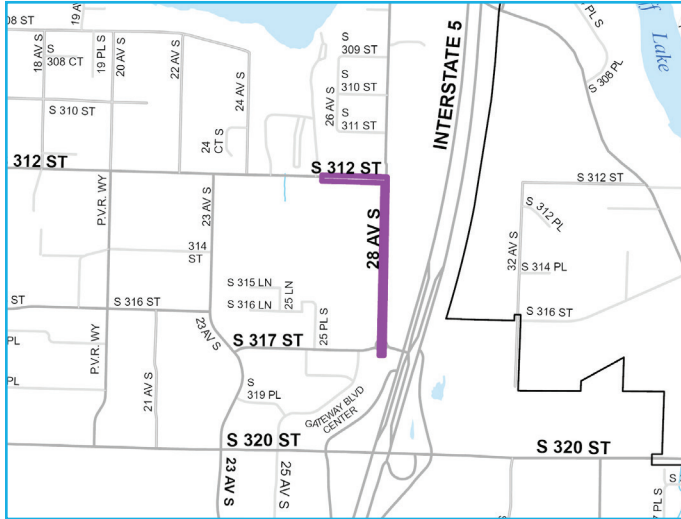
TIMELINE: 2025-2026

OTHER NOTES: This project would be a joint venture between SWM and the Parks Department.



45. SOUTH 312TH STREET AND 28TH AVENUE SOUTH SIDEWALK IMPROVEMENTS

- South 312th Street: Steel Lake Park to 28th Avenue South
- 28th Avenue South: South 312th Street to Truman H.S.



PROJECT DESCRIPTION:

Construct a sidewalk with planter strip, street trees, continuous lighting, and underground utilities along the south side of South 312th Street, between Steel Lake Park and 28th Avenue and the west side of 28th Avenue South, between South 312th Street and Truman High School.

PUBLIC BENEFIT:

- Fills non-motorized transportation connectivity gap between Steel Lake Park entrance and 28th Ave S
- Improved non-motorized transportation safety
- Increased visibility for all users

PROJECT COST: \$3,435,000

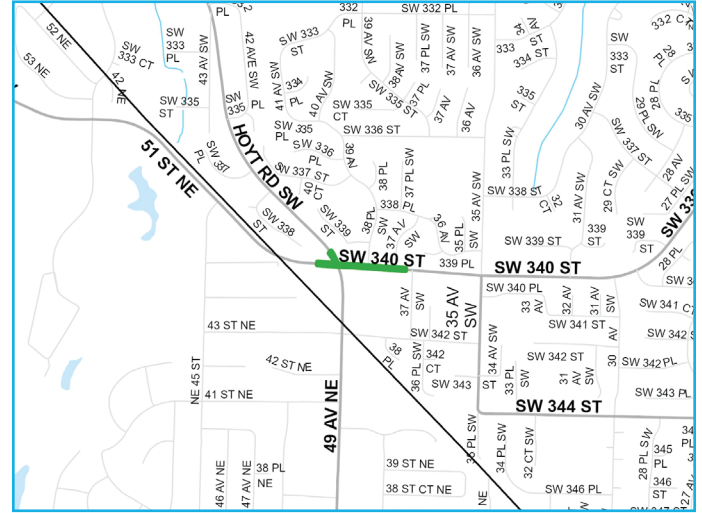
PROJECT TYPE: 

TIMELINE: 2025-2026



46. SOUTHWEST 340TH STREET ROADWAY IMPROVEMENTS (37TH AVENUE SOUTHWEST TO WEST CITY LIMIT)

- Southwest 340th Street: 37th Avenue Southwest to City Limits (just west of Hoyt Road)



PROJECT DESCRIPTION:

Convert the current intersection with traffic signals into a two lane roundabout and widen to 5 lanes.

PUBLIC BENEFIT:

- Improved intersection operations and reduced congestion
- Reduced number and severity of collisions

PROJECT COST: \$8,445,000

PROJECT TYPE: 

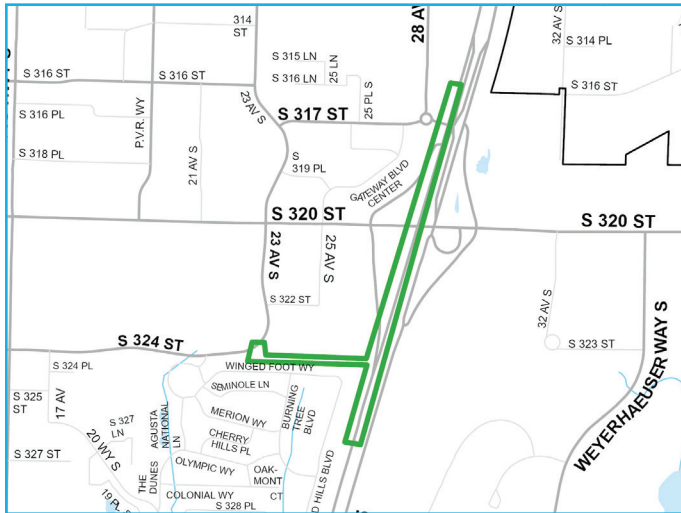
TIMELINE: 2025-2028



STORMWATER:  NON-MOTORIZED:  ROADWAY: 

47. CITY CENTER ACCESS PHASE 2— SOUTHBOUND RAMPS

South 320th Street, South 324th Street and I-5 Interchange



PROJECT DESCRIPTION:

Modify the existing southbound I-5 ramps to and from South 320th Street and add southbound I-5 ramps to and from South 324th Street. The project will also construct a roundabout at I-5 ramps at 23rd Avenue South and South 324th Street, construct a four-lane roadway between 23rd Avenue South and I-5 ramps at South 324th Street and make intersection improvements at Pacific Highway South and South 324th Street.

PUBLIC BENEFIT:

- Improved mobility for people traveling by car, transit, bike, or walking by decreasing congestion on South 320th Street.
- Improved access to and from the City Center
- Alternative routes for traffic around, rather than through the City Center core.

PROJECT COST: \$100,672,000

PROJECT TYPE: 

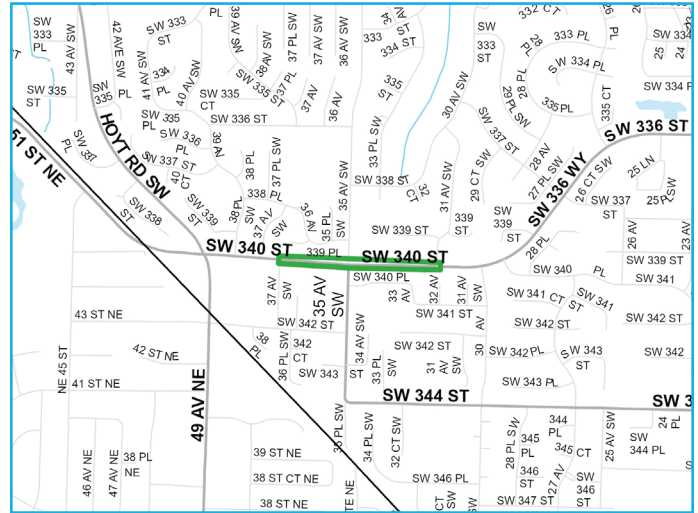
TIMELINE:
2025-2028



- Preliminary Design Improvements**
- Interchange at 320th with braided ramps. All I-5 on-ramps will be metered.
 - 2-lane bridge along S 324th crossing I-5. Shared use path on north side with potential future connection to SR 99 Trail. Sidewalk on south side.
 - Single-lane roundabout at the ramp terminals with left lanes in the northeast and southwest quadrants of S 324th x I-5 SB Ramps.
 - Additional 50-ft left turn lane and additional 50-ft left turn lane at S 324th/SR 99 to manage westbound queues from new interchange.
 - 3 lanes along S 324th from SR 99 to 23rd S. Shared use path on north side and sidewalk on south side.
 - 2-lane roundabout at S 324th/23rd S.
 - 4 lanes along S 324th from 23rd S to I-5 SB Ramps.
 - 3 lanes along S 324th from I-5 NB Ramps to Weyerhaeuser. A shared use path on the north side and sidewalk on the south side.
 - Single-lane roundabout at S 324th/Weyerhaeuser.
 - Road widening for HOV lanes to support future BRT from SR 99 to Military. Roadwidth HOV will drop into existing right turn lane at Military.
 - Sidewalk on north and south side of S 320th bridge.
 - No improvements to S 320th/SR 99 and S 320th/Military intersections.
 - Shared use path.

48. SOUTHWEST 340TH STREET: 31ST AVENUE SOUTHWEST TO 37TH AVENUE SOUTHWEST

Southwest 340th Street: 31st Avenue Southwest to 37th Avenue Southwest



PROJECT DESCRIPTION:

Replace the traffic signal with a two-lane roundabout and widen Southwest 340th Street to five lanes with enhanced bicycle and pedestrian facilities such as sidewalks, crosswalks, and wheel chair ramps.

PUBLIC BENEFIT:

- Reduced delays and traffic back-ups
- Improved safety
- Improved conditions for non-motorized users

PROJECT COST: \$8,445,000

PROJECT TYPE: 

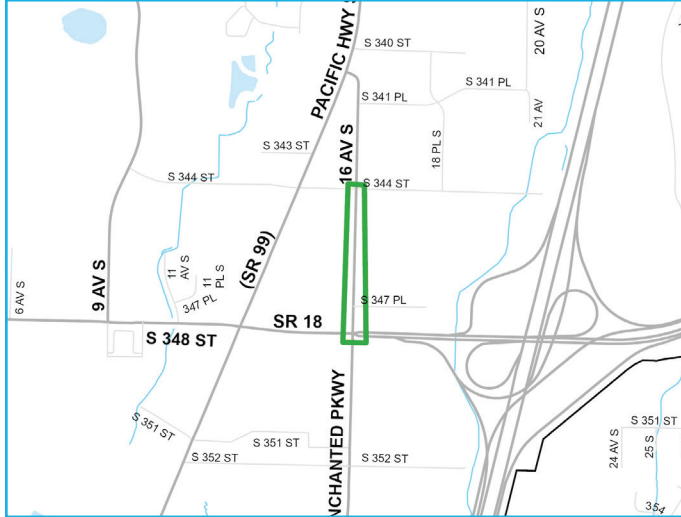
TIMELINE: 2025-2028



STORMWATER:  NON-MOTORIZED:  ROADWAY: 

51. 16TH AVENUE SOUTH SOUTHBOUND AUXILIARY LANE

16th Avenue South: South 344th Street to South 348th Street



PROJECT DESCRIPTION:

Add a third southbound through-lane at the intersection of South 348th Street and Enchanted Parkway South/ 16th Avenue South.

PUBLIC BENEFIT:

- Reduced delays and traffic back-ups
- Increased efficiency will lessen the number of cars blocking driveways
- Improved safety

PROJECT COST: \$6,105,000

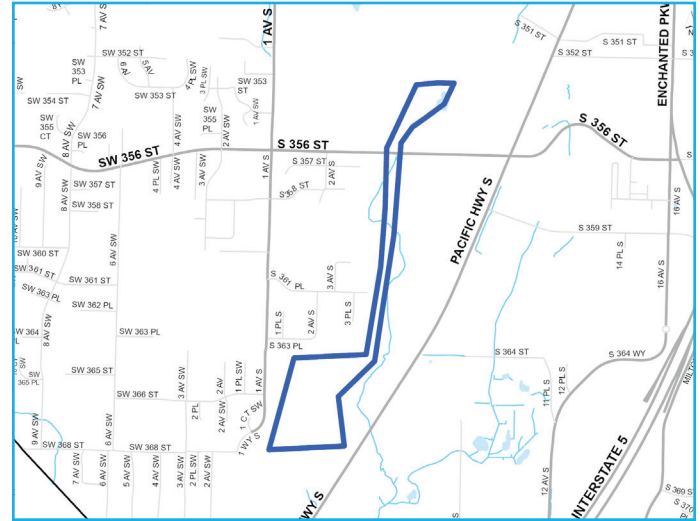
PROJECT TYPE: 

TIMELINE: 2026-2028



52. WEST HYLEBOS WATERSHED TRAIL

West Hylebos Creek



PROJECT DESCRIPTION:

Create a nature trail system within the Lower West Branches Hylebos conservation areas to expand on the existing West Hylebos Wetland Park Trails.

PUBLIC BENEFIT:

- Better connect the community with the natural environment
- Increased opportunities for education and outreach environmental stewardship
- Increased opportunities for healthy living for City residents
- Improved water quality

PROJECT COST: \$ 7,800,000

PROJECT TYPE: 

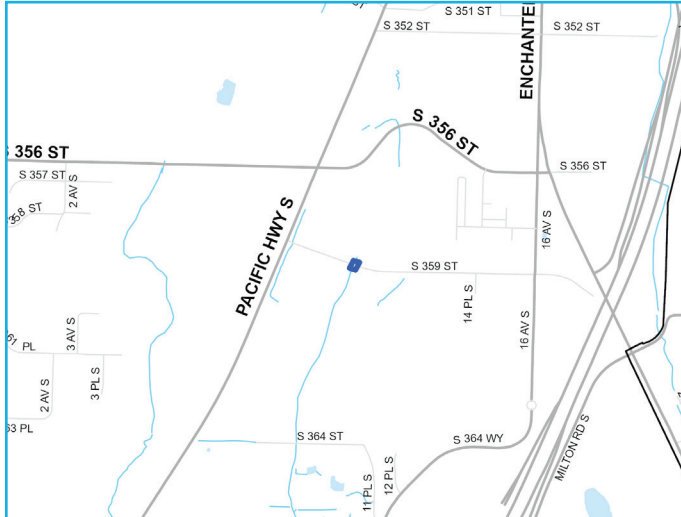
TIMELINE: 2027-2028

OTHER NOTES: This project would be a joint venture between SWM and the Parks Department.



53. SOUTH 359TH STREET CULVERT REPLACEMENT

📍 South of South 359th Street



PROJECT DESCRIPTION:

Replace the culvert and remove the downstream dams in order to restore stream habitat and make the waterway fish-passable.

PUBLIC BENEFIT:

- Fish passage
- Improved water quality

PROJECT COST: \$890,000

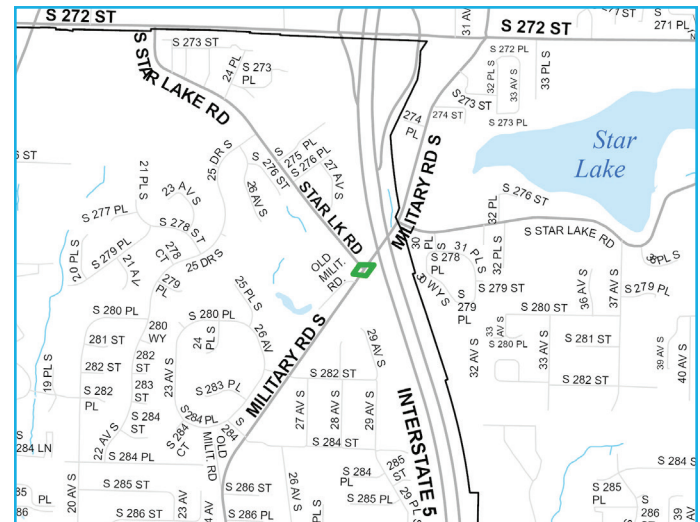
PROJECT TYPE: 🌊

TIMELINE: 2027-2028



54. SOUTH STAR LAKE ROAD EASTBOUND RIGHT TURN LANE AND SIDEWALK IMPROVEMENTS

📍 South Star Lake Road at Military Road



PROJECT DESCRIPTION:

Construct eastbound right turn lane and sidewalk at the intersection of South Star Lake Road and Military Road South.

PUBLIC BENEFIT:

- Increased intersection efficiency through fewer delays and fewer vehicle back-ups
- Improved pedestrian safety

PROJECT COST: \$1,200,000

PROJECT TYPE: 🚗

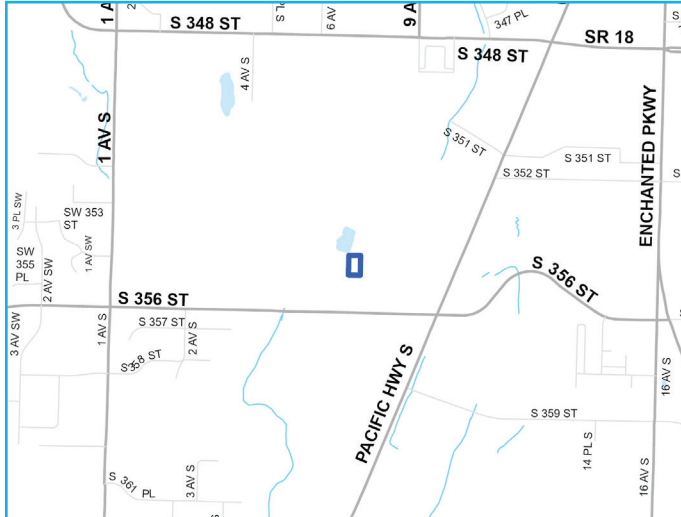
TIMELINE: 2027-2028



STORMWATER: 🌊 NON-MOTORIZED: 🚲 ROADWAY: 🚗

55. WEST HYLEBOS EDUCATIONAL CENTER SITE IMPROVEMENTS

Brook Lake



PROJECT DESCRIPTION:

This project will convert a portion of the Brook Lake Community Center site into an education and outreach center focused on stormwater education and environmental stewardship. The site will provide a trailhead location for the expansion of the Hylebos Wetlands Park Trail to the south.

PUBLIC BENEFIT:

- Connect the community with the natural environment
- Increased opportunities for education and outreach and environmental stewardship
- Provide partnership opportunity to preserve City landmark
- Improved water quality

PROJECT COST: \$ 1,700,000

PROJECT TYPE: 

TIMELINE: 2027-2028

OTHER NOTES: This project would be a joint venture between SWM and the Parks Department. The scope and timing of the project will be highly dependent upon grant funding success.



56. 1ST AVENUE SOUTH SHOULDER IMPROVEMENTS

1st Avenue South: South 292nd Street to South 312th Street



PROJECT DESCRIPTION:

Widen the shoulder on 1st Avenue South between South 292nd Street and South 312th Street.

PUBLIC BENEFIT:

- Improved pedestrian safety

PROJECT COST: \$3,770,000

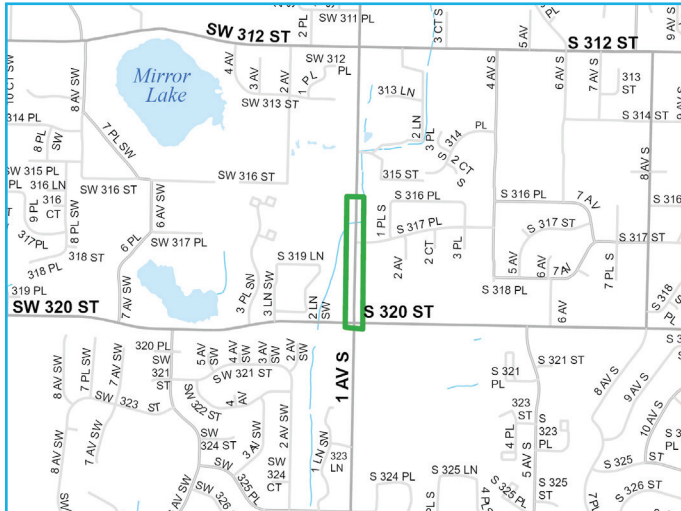
PROJECT TYPE: 

TIMELINE: 2028



57. SOUTH 320TH STREET AND 1ST AVENUE SOUTH INTERSECTION AND CORRIDOR IMPROVEMENTS

📍 South 320th Street and 1st Avenue South and north to South 316th Street



PROJECT DESCRIPTION:

Install left turn, right turn and through lanes at the intersection. Widen 1st Ave South to 5 lanes to South 316th Street.

PUBLIC BENEFIT:

- Reduced delays and vehicle back-ups
- Increased efficiency and safety of intersection

PROJECT COST: \$7,862,000

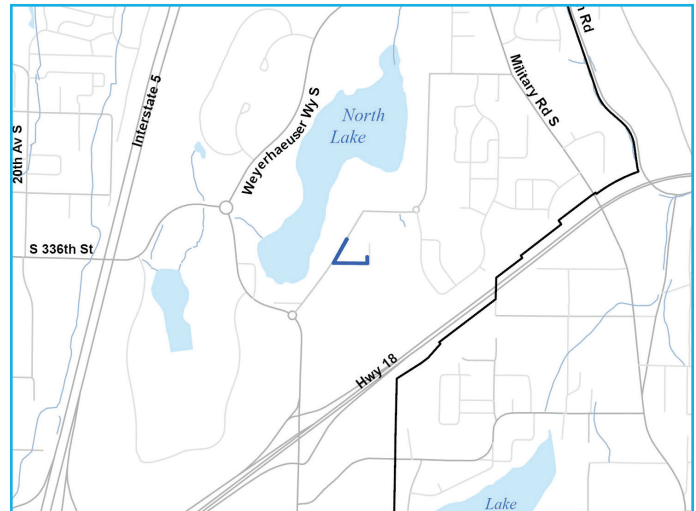
PROJECT TYPE: 🚗

TIMELINE: 2028



58. 33RD PLACE SOUTH DRAINAGE IMPROVEMENTS

📍 33rd Place South and South 336th Street



PROJECT DESCRIPTION:

Monitor flooding in the area to determine the need to extend the storm drainage pipe to the west to improve drainage.

PUBLIC BENEFIT:

- Reduced flooding
- Improved water quality

PROJECT COST: \$340,000

PROJECT TYPE: 🌊

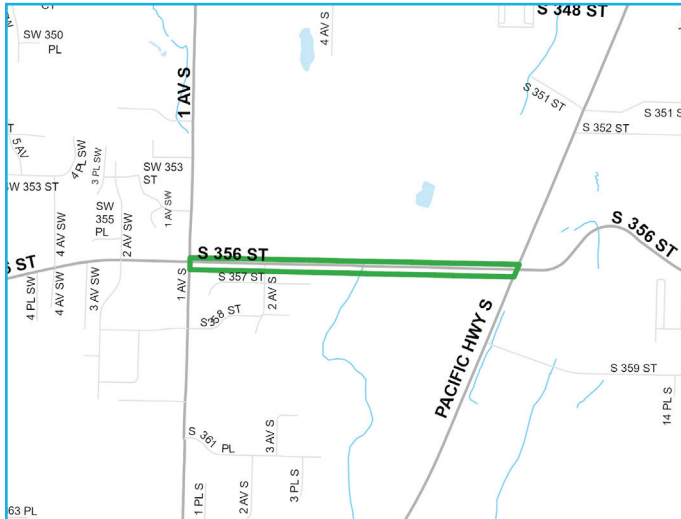
TIMELINE: 2028



STORMWATER: 🌊 NON-MOTORIZED: 🚲 ROADWAY: 🚗

59. SOUTH 356TH STREET WIDENING (1ST AVENUE SOUTH TO PACIFIC HIGHWAY SOUTH)

📍 South 356th Street: 1st Avenue South to Pacific Highway South



PROJECT DESCRIPTION:

Widen South 356th Street to four lanes with bike lanes, sidewalks, street lighting, and construct a box culvert over Hylebos Creek. This project will take place at the same time as the culvert replacement.

PUBLIC BENEFIT:

- Improved roadway capacity and provide non-motorized facilities
- Reduced flooding of Hylebos Creek

PROJECT COST: \$15,640,000

PROJECT TYPE: 🚗

TIMELINE: 2029



STORMWATER: 🌊 NON-MOTORIZED: 🚲 ROADWAY: 🚗



City of Federal Way Public Works Department
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