



THURSTON COUNTY

WASHINGTON

SINCE 1852

PUBLIC WORKS



TRANSPORTATION IMPROVEMENT PROGRAM

2023-2028

Resolution

RESOLUTION NO. 16231

A RESOLUTION relating to the adoption of Thurston County's Six-Year Transportation Improvement Program for the calendar years 2023-2028, and the adoption of the 2023 Annual Road Program.

WHEREAS, pursuant to RCW 36.81.121 and Chapter 136-15 WAC, prior to the adoption of the budget, the county legislative authority, with the advice and assistance of the county road engineer, and after one or more public hearings thereon, shall prepare and adopt a comprehensive transportation program for the ensuing six calendar years; and

WHEREAS, the County Engineer has submitted to the Board of County Commissioners the 2023-2028 Transportation Improvement Program for review and approval; and

WHEREAS, priority arrays and the 2022 Bridge Index were available and were consulted during the preparation of the Six-Year Transportation Program pursuant to WAC 136-14-050 and WAC 136-20-060; and

WHEREAS, the Board of County Commissioners finds that the 2023-2028 Six-Year Transportation Program is consistent with the Thurston County Comprehensive Plan; and

WHEREAS, a public hearing on the proposed Six-Year Transportation Improvement Program for Thurston County for the calendar years 2023-2028 was held on August 30, 2022; and

WHEREAS, the Board of County Commissioners, after considering the testimony presented at the public hearing, finds that the 2023-2028 Six-Year Transportation Improvement Program is necessary and required, and should be adopted; and

WHEREAS, pursuant to RCW 36.81.130 and Chapter 136-16 WAC, the county legislative authority shall adopt an annual road program prior to the adoption of the budget for the ensuing year; and

WHEREAS, the County Engineer has submitted to the Board of County Commissioners a recommended Annual Road Program for the laying out, construction, and maintenance of County roads for 2023; and

WHEREAS, the Board of County Commissioners has considered the recommended 2023 Annual Road Program, has made all revisions deemed necessary, and has determined that the program conforms as nearly as practicable to the County's long range road program; and

WHEREAS, the Board of County Commissioners finds that all the requirements and elements of a Six-Year Transportation Program pursuant to RCW 36.81.121 and RCW 36.81.122, and Chapter 136-15 WAC, and the requirements and elements of an Annual Road Program pursuant to RCW 36.81.130 and Chapter 136-16 WAC are incorporated into each Program; and

WHEREAS, the adoption of the Six-Year Transportation Improvement Program and Annual Road Program by the Board of County Commissioners authorizes the County Engineer to approve right-of-way plans in accordance with the projects set forth in the Transportation Improvement Program and Annual Road Program;

NOW, THEREFORE, the Board of County Commissioners of Thurston County, State of Washington, does resolve as follows:

Section 1. The Six-Year Transportation Improvement Program for Thurston County, as attached hereto and by this reference incorporated herein, is hereby adopted for the calendar years 2023-2028.

Section 2. The 2023 Annual Road Program, as attached hereto and by this reference incorporated herein, is hereby adopted.

Section 3. The Board of County Commissioners hereby certifies that priority arrays and the engineer's report with respect to deficient bridges were available to the Board during the preparation of the Six-Year Transportation Improvement Program.

Section 4. Copies of this resolution, the 2023-2028 Six-Year Transportation Improvement Program, and the 2023 Annual Road Program shall be filed with the County Road Administration Board not more than 30 days after their adoption by the Board of County Commissioners.

Section 5. Copies of this resolution and the 2023-2028 Six-Year Transportation Improvement Program shall be filed with the Secretary of the Washington State Department of Transportation not more than 30 days after their adoption by the Board of County Commissioners.

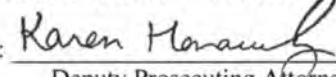
ADOPTED: December 16, 2022

ATTEST:


Clerk of the Board

APPROVED AS TO FORM:

JON TUNHEIM
PROSECUTING ATTORNEY

By: 
Deputy Prosecuting Attorney

BOARD OF COUNTY COMMISSIONERS
Thurston County, Washington


Chair


Vice-Chair


Commissioner

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Overview

Transportation improvement programs and projects

This document outlines Thurston County's transportation program, including statutory requirements, project prioritization, program groups, identified construction needs and projects, as well as revenues and expenditures for capital and road fund budgets. It is prepared as part of the annual update to Thurston County Comprehensive Plan Chapter 6 - Capital Facilities. Chapter 5 lists Thurston County's 1-year construction projects, 6-year project priorities, and 20-year growth management projects scheduled for funding.

The Transportation Improvement Program (TIP) is submitted to the Thurston Regional Planning Council (TRPC) for review and inclusion in the Regional Transportation Improvement Program annual update. TRPC reviews projects receiving federal funding to ensure expenditures are consistent with regionally-adopted goals and plans.

Prepared as required in the Revised Code of Washington Chapters 36.81 and Washington Administrative Code 136, Chapters 15 and 16, counties must file adopted programs annually with the State Department of Transportation and the County Road Administration Board (CRAB). The program plan must include projects funded by the Transportation Improvement Board (TIB) and CRAB. This annual update also informs other jurisdictions of Thurston County's current planning direction for transportation needs.

Thurston County's Comprehensive Plan Transportation Goals

Thurston County's Comprehensive Plan, Chapter 5 - Transportation, details the county goals which guide the type of transportation improvement projects Thurston County Public Works plans and builds.

GOAL 1: Enhance the safety and security of those who use, operate, and maintain the transportation system.

GOAL 2: Ensure the design, function, and capacity of transportation facilities are consistent with and support sustainable, economically vibrant, healthy urban, suburban, and rural communities.

GOAL 3: Provide mobility for all residents, regardless of age, handicap, or income.

GOAL 4: Protect investments that have been made in the transportation system.

GOAL 5: Create and preserve a transportation system that supports and promotes economic vitality.

GOAL 6: Support a rail network that provides viable options for passenger, freight, and shared-use rail.

GOAL 7: Support appropriate infrastructure to meet the aviation needs of residents and businesses in the region.

GOAL 8: Support appropriate marine infrastructure to meet the needs of residents and businesses in the region.

GOAL 9: Ensure transportation facilities and programs function seamlessly across community borders and between regions.

GOAL 10: Minimize transportation impacts on the natural environment and the people who live and work in the Thurston County region.

Chapter 1

Legal and regulatory requirements

RCW 36.40.020

Purpose

Requires the County Commissioners to annually submit a detailed statement showing all new road and bridge construction to be financed from the county road fund, and issued bonds, if any. For the ensuing fiscal year, the statement must also show the county road engineer's estimated construction costs for road and bridge maintenance.

How does Thurston County meet this requirement?

New road and bridge construction, as well as maintenance and roads preservation budgets for county roads and bridges are submitted as part of the Public Works budget and are identified as 2023 forecasted expenditures in Chapter 3.

RCW 36.81.121

Purpose

Requires the county legislative authority to adopt a revised and extended comprehensive transportation improvement program for six years. Assures that each county will perpetually create advanced plans to guide the implementation of a coordinated transportation program.

How does Thurston County meet this requirement?

Thurston County's current 2022-2027 Transportation

Improvement Program (TIP) was adopted December 2021. Public Works will present the 2023-2028 TIP to the Board of County Commissioners in late 2022 for adoption.

RCW 36.81.130

Purpose

Requires a county legislative authority approve an annual road program prior to adopting a budget for the ensuing six-year period.

How does Thurston County meet this requirement?

Thurston County Annual Road Construction Program is prepared in conjunction with the TIP prior to adoption of the budget for the ensuing six-year period. It can be found in Chapter 5.

RCW 36.82

Purpose

Requires the creation of a road fund for each county in the state. Any county funds which accrue for use on county roads must be credited to and deposited in the county road fund.

How does Thurston County meet this requirement?

Thurston County Public Works has established a road fund (no. 1190) and manages the fund in accordance with the requirements of RCW 36.82.

RCW 36.70A

Purpose

Requires counties and cities to develop comprehensive land use plans, including construction and transportation planning.

How does Thurston County meet this requirement?

Thurston County develops and updates a Comprehensive Plan and a Capital Facilities Plan that manages growth and development. This TIP developed by the Thurston County Public Works Department, is used as a basis for the transportation projects in the Capital Facilities Plan, Chapter 6 of the Comprehensive Plan.

RCW 82.02.050

Purpose

Allows the county to assess a Traffic Impact Fee for all new development. The fee provides funds for transportation-related projects that help the county meet growing infrastructure demands resulting from new development. County code requires Public Works to provide information about fees collected, and how they are used.

How does Thurston County meet this requirement?

Chapter 3 of this document provides information on the fees collected in 2021 and the amounts used for transportation-related projects.

Legal and regulatory requirements

WAC 136-14

Purpose

Requires counties to use a documented prioritization method for road construction projects. This assures dedicated fuel tax funds are used in accordance with their constitutional and statutory purposes.

How does Thurston County meet this requirement?

The TIP follows a prioritization process for ranking projects in different project groups. The process scores each project to determine the priority projects described in the TIP. The priority process is outlined in Chapter 4.

WAC 136-15

Purpose

Requires the development of a six-year program forecast that considers priorities and fiscal capabilities. Assures citizens can see and affect decisions made regarding county transportation needs and priorities. The six-year forecast provides a foundation for effective annual programming decisions.

How does Thurston County meet this requirement?

Public Works has a process to score projects for priority status. The draft TIP is advertised for public review and comment, and is available on Public Work's website. The TIP demonstrates that expenditures do not exceed revenues.

WAC 136-16

Purpose

Requires the County Engineer to provide an annual road program to the Board of County Commissioners with recommendations for all road and bridge construction projects and road equipment purchases for the ensuing year.

How does Thurston County meet this requirement?

The TIP includes all road and bridge construction project recommendations for the ensuing year in Chapter 5, Planned Transportation Projects. Equipment purchases for the ensuing year are captured in Chapter 3, Revenue and expenditures.

WAC 136-20

Purpose

Requires the County Engineer to have county bridges regularly inspected and provide an annual bridge inspection report. In addition, it requires staff to consult the annual bridge report when selecting projects for the six-year TIP.

How does Thurston County meet this requirement?

The bridge projects listed in the TIP are derived from the annual Thurston County Bridge Inspection Index submitted to the Board of County Commissioners in this report, Chapter 8.

WAC 197-11

Purpose

Requires staff to implement uniform SEPA procedures in compliance with statewide regulations. Environmental review is required unless categorically exempt per WAC 197-11-800.

How does Thurston County meet this requirement?

All Thurston County Public Works projects are reviewed under the Washington State Environmental Policy Act and follow the appropriate review processes, or fall under the appropriate categorical exemption.

Chapter 2

Funding sources

Property taxes

Purpose

The portion of property taxes collected for the county road fund is called a road levy. These funds are used in the administration, engineering, construction, maintenance, and operation of the public road and bridge system in unincorporated areas. More than half is used on maintenance and operation of existing county roadways and bridges. They are also used to “match” state or federal transportation improvement funding programs.

Amount collected in 2021

\$1.10 per \$1,000 of assessed property value, totaling **\$19.9 Million**.

Motor vehicle fuel taxes

Purpose

Revenue from the motor vehicle fuel tax is distributed to the Thurston County road fund. These funds are used for roadway maintenance and capital projects.

Amount collected in 2022

All counties within the state receive a share of the gas tax based on population, road miles, and other factors. In 2022, the Washington State County Road Administration Board estimates Thurston County will receive **\$5.1 Million** in motor vehicle fuel taxes.

Traffic impact fees

Purpose

Charged on new development, these fees pay for capital projects that improve the transportation system and accommodate travel demand caused by new development. Revenues are distributed to the capital projects fund.

Authority

Pursuant to RCW 82.02.050, the Board of County Commissioners passed Ordinance 14819, authorizing assessment of traffic impact fees for land development actions. The ordinance was adopted December 2012 and updated August 2021.

Amount collected

The amount varies from year-to-year. However, since 2013, between \$750,000 to \$1.86 Million has been collected annually.

Federal programs

The Fixing America’s Surface Transportation (FAST) Act is the federal law authorizing funding for surface transportation infrastructure planning and investment/construction. The federal funding programs for County roads and bridges are selected by the county Metropolitan Planning Organization (MPO), which is Thurston Regional Planning Council (TRPC), by Washington State Department of Transportation (WSDOT), or by Regional Federal Highway

Administration’s (FHWA) are administered by the WSDOT local programs Olympic Region office.

Federal fund contributions are typically 80% to 100%, with non-federal money typically required for the match.

The following descriptions provide specifics on each federal and state funding program.

Local Bridge Program

Purpose

This program funds the replacement or rehabilitation of roadway bridges conveying public roads over waterways, railroads, adjacent roads, canals, ferry landings, and other barriers. These projects include deteriorating structures or obsolete features. Typical projects may include total replacement of a bridge near its current location, replacement by a new structure in the same corridor, or rehabilitation/replacement of structural members to increase bridge integrity and lifespan.

Share and local match

Funding Sources Overview

- Property taxes
- Motor vehicle fuel tax
- Traffic impact fees
- Federal & state funding programs

Federal share is generally 80% with a 20% local match. Preventative maintenance projects are limited to a maximum of \$3 million in federal funds, with a 10% local match.

Emergency Relief Program

Purpose

This program provides supplemental funds to states, their political subdivisions, and other federal agencies, to repair or reconstruct roads damaged by natural disasters or catastrophic failures from an external cause. The extent and intensity of the disaster determines if these funds can be used. Damage to highways must be severe, occur over a wide area, and result in unusually high expenses to the highway agency. To receive funding for catastrophic failures from external cause(s), the failure cannot be the result of an inherent flaw in the facility, and a natural disaster must be declared.

Share and local match

Emergency relief funding is available to each state for each natural disaster or catastrophic failure eligible for funding. The federal share is 80% with a 20% local match.

Federal Lands Access Program

Purpose

This program provides funding for projects on federal lands that are located on or adjacent to, or that provide access to, federal lands. Funds are distributed by formula among states that have federal lands managed by the National Park Service, the U.S. Forest Service, the U.S. Fish and Wildlife Service, the Bureau of Land Management, and the U.S. Army Corps of Engineers.

Share and local match

\$250 million is provided annually for projects that improve access to the federal lands on infrastructure

owned by states and local governments. Programming decisions will be made locally using a tri-party model comprised of representatives from the FHWA, WSDOT, and local government.

Highway Safety Improvement Program

Purpose

This program allows states to target funds toward critical safety needs to achieve a significant reduction in traffic fatalities and serious injuries on all public roads, including non state-owned public roads and tribal land roads. States must develop and implement a safety plan that identifies highway safety programs and a performance-based strategy to address them. A new special rule for high risk rural roads will require funds if the fatality rate increases.

Share and local match

The federal share is 90% with a 10% local match except for certain safety projects which can be up to 100%.

Surface Transportation Block Grant

Purpose

This program funds the construction, reconstruction, resurfacing, restoration, and rehabilitation of roads federally classified as arterials or collectors. Additionally, it supports funding for transportation enhancements, operational improvements, highway and transit safety improvements, surface transportation planning, capital and operating costs for traffic management and control, carpool and vanpool projects, development and establishment of management systems, participation in wetland mitigation and wetland banking, bicycle facilities, and pedestrian walkways. Eligible projects must be on the regional transportation improvement program and ranked high enough in the regional or countywide project selection process.

Share and local match

The distribution of funds is based on the amounts of funds each State receives; however, funding is based on a maximum federal share of 86.5% with a 13.5% local match. Certain safety projects can be federally funded up to 100%.

Safe Routes to School Program

Purpose

Administered through WSDOT, Washington's safe routes to school program provides technical assistance and resources to cities, counties, schools, school districts and state agencies for improvements that get more children walking and bicycling to school safely, reduce congestion around schools, and improve air quality. Funding for this program comes from a variety of federal and state fees and taxes.

Share and local match

Selected projects are eligible for 100% cost reimbursement. No local match required.

Pedestrian and Bicycle Program

Purpose

Administered through WSDOT, the Pedestrian and Bicycle Program objective is to improve the transportation system to enhance safety and mobility for people who choose to walk or bike.

Share and local match

Selected projects are eligible for 100% cost reimbursement. No local match required.

State programs

There are various funding sources administered at the state level. Competitive funding programs for counties are administered by the **Transportation Improvement Board (TIB)**, The TIB administers the Urban Arterial Program and the Sidewalk Program.

The **County Road Administration Board (CRAB)** is a state agency responsible for providing accountability through standards of good practice, fair administration of funding programs, and engineering and technology assistance to the 39 Washington State County Road Departments in accordance with (RCW 36.78.070). CRAB administers the Rural Arterial Program.

Most of the state funding for these programs originates from the motor vehicle fuel tax.

Urban Arterial Program

Purpose

Administered through the TIB, this program supports projects meeting statewide transportation priorities: safety, growth & development, physical condition, mobility, and sustainability & constructability.

Share and local match

Selected projects are eligible for a cost reimbursement up to 80% with a 20% local match.

Sidewalk program

Purpose

Administered through the TIB, projects funded under this program are required to improve pedestrian safety,

access, connectivity, and address system continuity.

Completed projects must be consistent with the Americans with Disabilities Act.

Share and local match

Selected projects are eligible for a cost reimbursement up to 80% with a 20% local match.

Rural Arterial Program

Purpose

Administered through CRAB, this program provides funding to counties for improvements on rural arterial roads. It uses a portion of the motor vehicle fuel tax to finance projects. Projects are selected based on accident history, roadway alignment, traffic volume, roadway structural condition, and local significance.

Share and local match

Selected projects are eligible for a cost reimbursement up to 90% with a 10% local match.

County Arterial Pavement Preservation Program (CAPP)

Purpose

Administered through CRAB, this program funds counties in the implementation of their pavement management programs, including surveys, condition assessment, and resurfacing activities. This program funds Thurston County's Road Preservation and Chipseal Programs.

Share and local match

Varies annually, depending on local program funding.

County transportation related budget funds

Revenue from the taxes, fees, and grants described above contribute to the Department of Public Works two primary transportation-related budget funds: 1190 and 3010.

Fund 1190 (Road Budget Fund)

Fund 1190 generally pays for operations, maintenance, system preservation, administration, indirect costs, and provides an annual transfer to the construction fund. Most revenue is from the property tax road levy and the motor vehicle fuel tax. As required in WAC 136-15-030, the TIP includes a revenue and expenditure summary, by source and expense category (see next chapter).

Fund 3010 (Capital Budget Fund)

Fund 3010 generally pays for capital construction projects, such as culverts, mobility improvements, bridges, and other related programs. Most revenue is from federal and state grants, transfer from the road fund, and impact fees. As required in WAC 136-15-030, the TIP includes a revenue and expenditure summary, by source and expense category (see next chapter).

Chapter 3

Transportation–related revenues and expenditures

Traffic Impact Fees

Charged on new development, these fees pay for capital projects that improve the transportation system and accommodate travel demand caused by new development.

2021 Revenue

Total **\$1,861,673**

2021 Expenditures

\$250,000	Reimbursement of previously built projects
\$800,000	Mullen Rd – Lacey City Limits to Rumac
\$200,000	Marvin Rd – Pacific Ave/SR 510 to Mullen
\$ 76,688	Johnson Point Rd & Hawks Prairie Rd Intersection
\$ 10,764	Old Hwy 99/Tilley Rd Intersection
\$ 4,777	Little Rock Rd/113th Intersection
\$ 1,431	Indirect Costs
Total	\$1,343,660

Traffic Impact Fees fund

Beginning balance:	\$7,942,340
Investment earnings:	\$49,187
Fund Total:	\$9,853,200
2021 Expenditures:	\$1,343,660

Revenues and expenditures overview

- Traffic Impact Fees
 - 2021
- Road Fund 1190 Forecasts
 - 2023
 - 2024
 - 2025
 - 2026-2028
- Capital Construction Fund 3010
 - 2023 (revenues only)

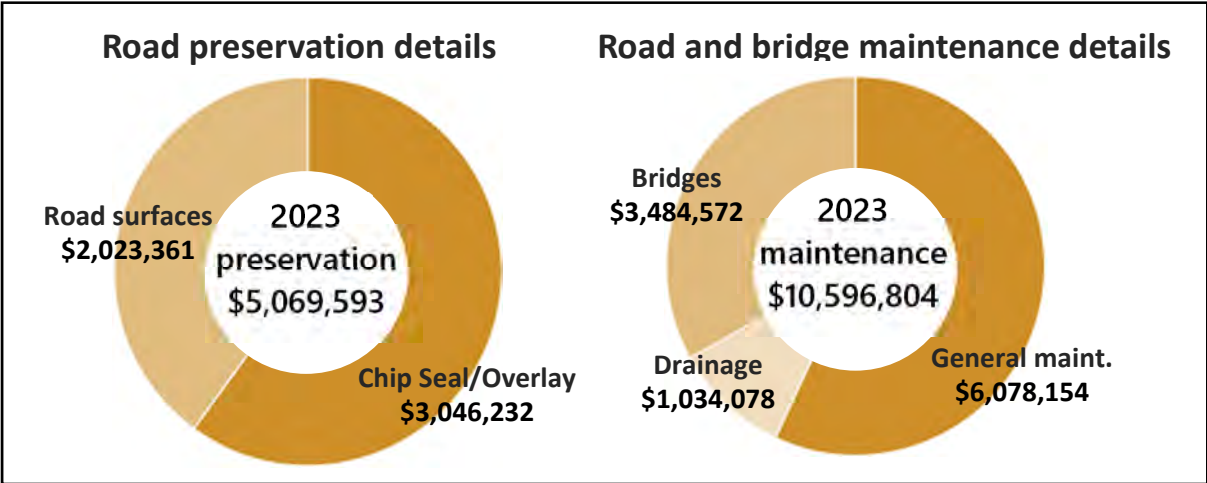
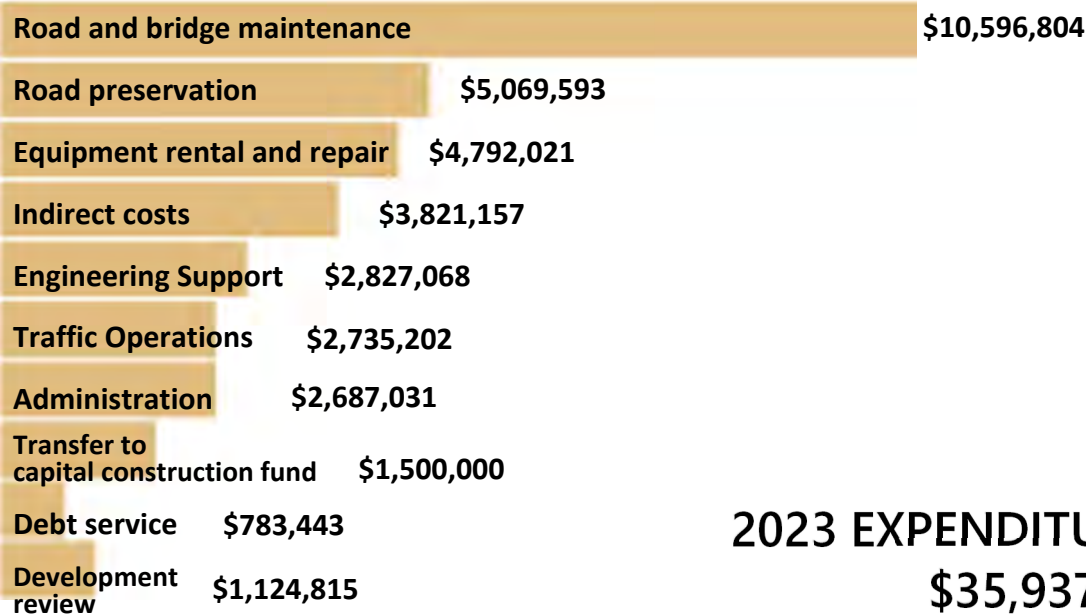
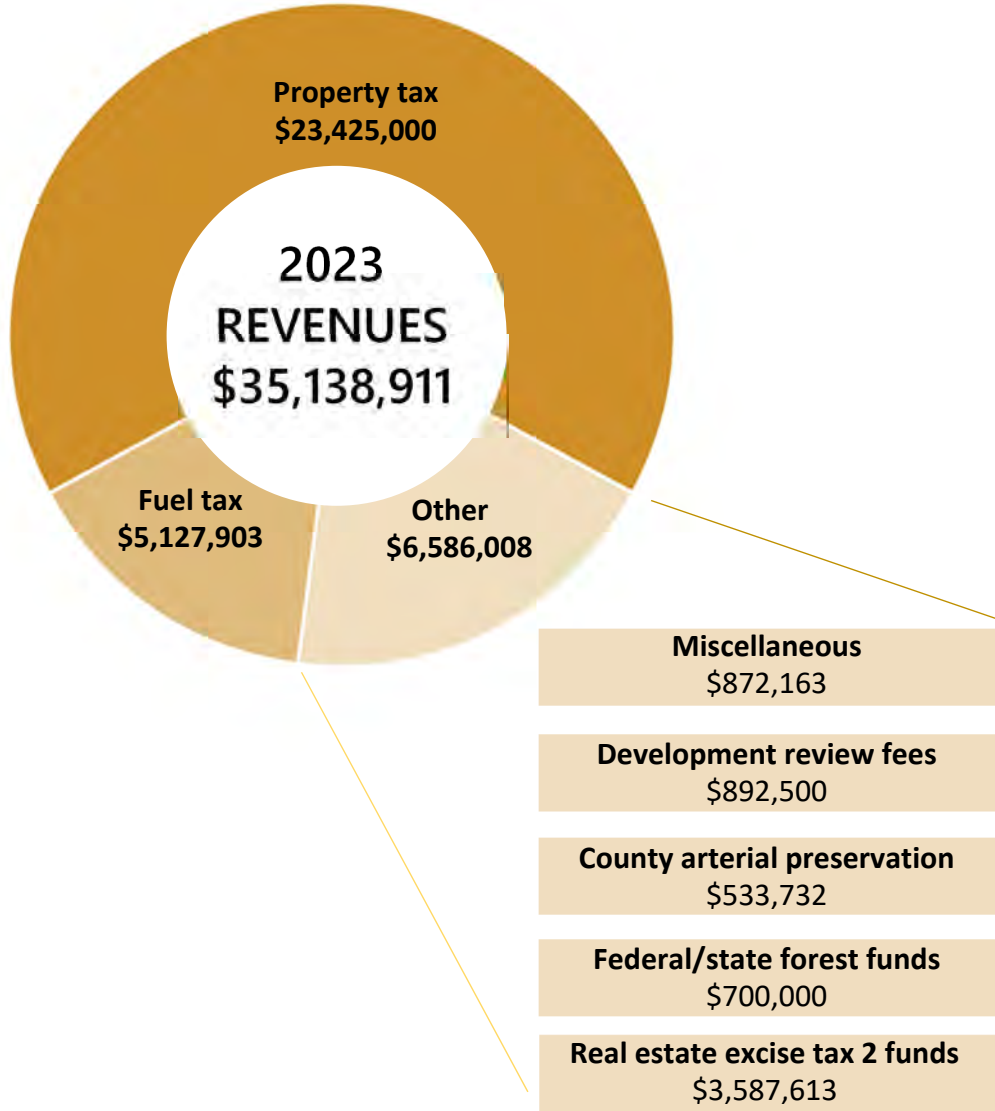
Net available Traffic Impact Fees:

\$8,509,540

Transportation-related revenues and expenditures

Road Fund 1190 – 2023 forecast

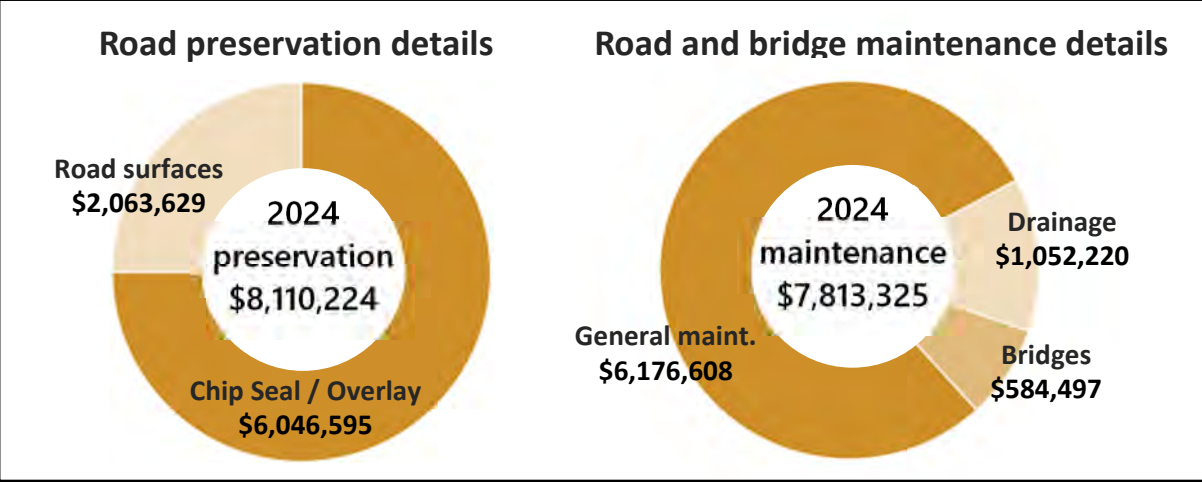
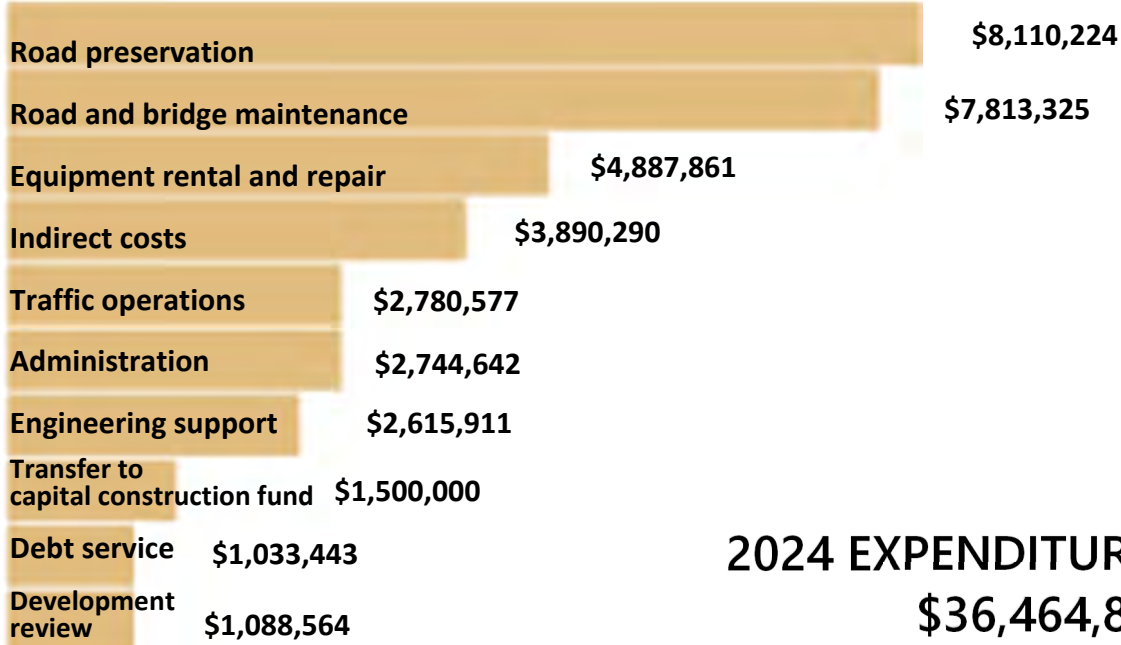
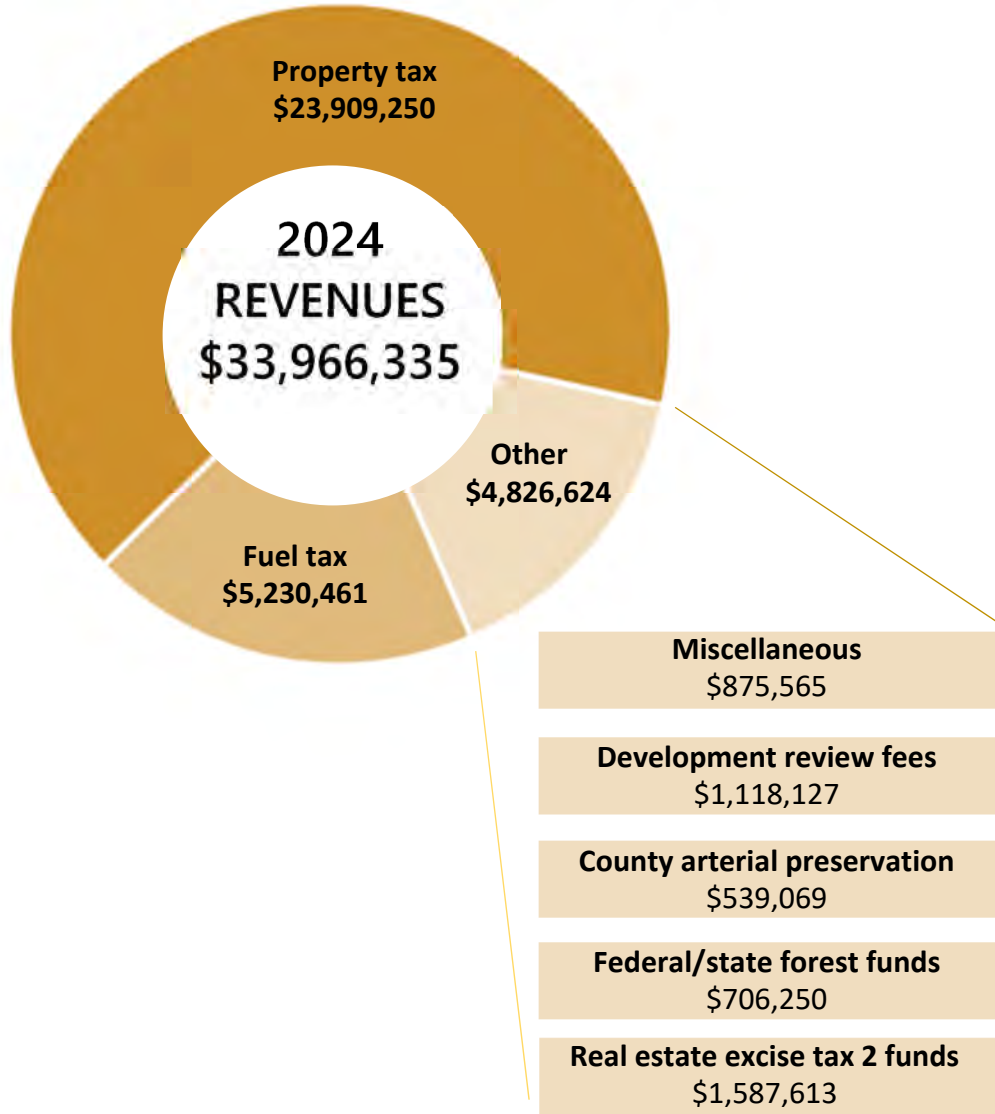
Beginning fund balance: \$17,229,009



Transportation-related revenues and expenditures

Road Fund 1190 – 2024 forecast

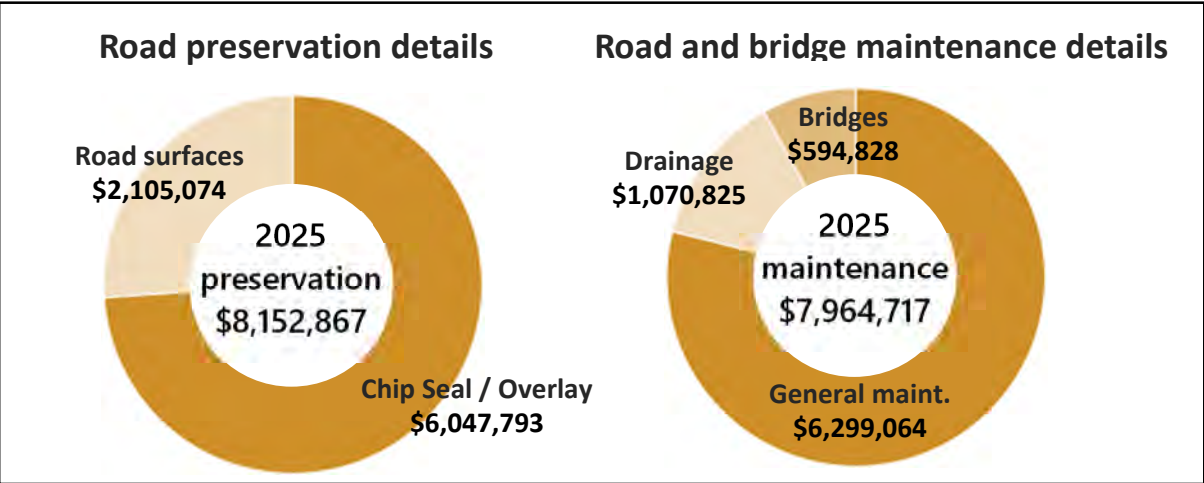
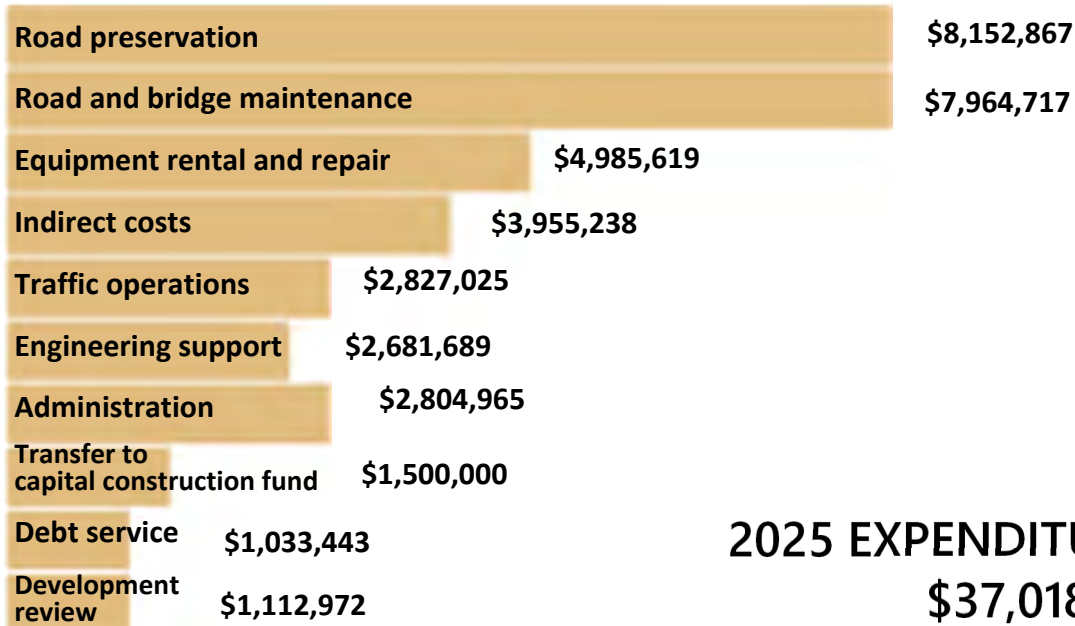
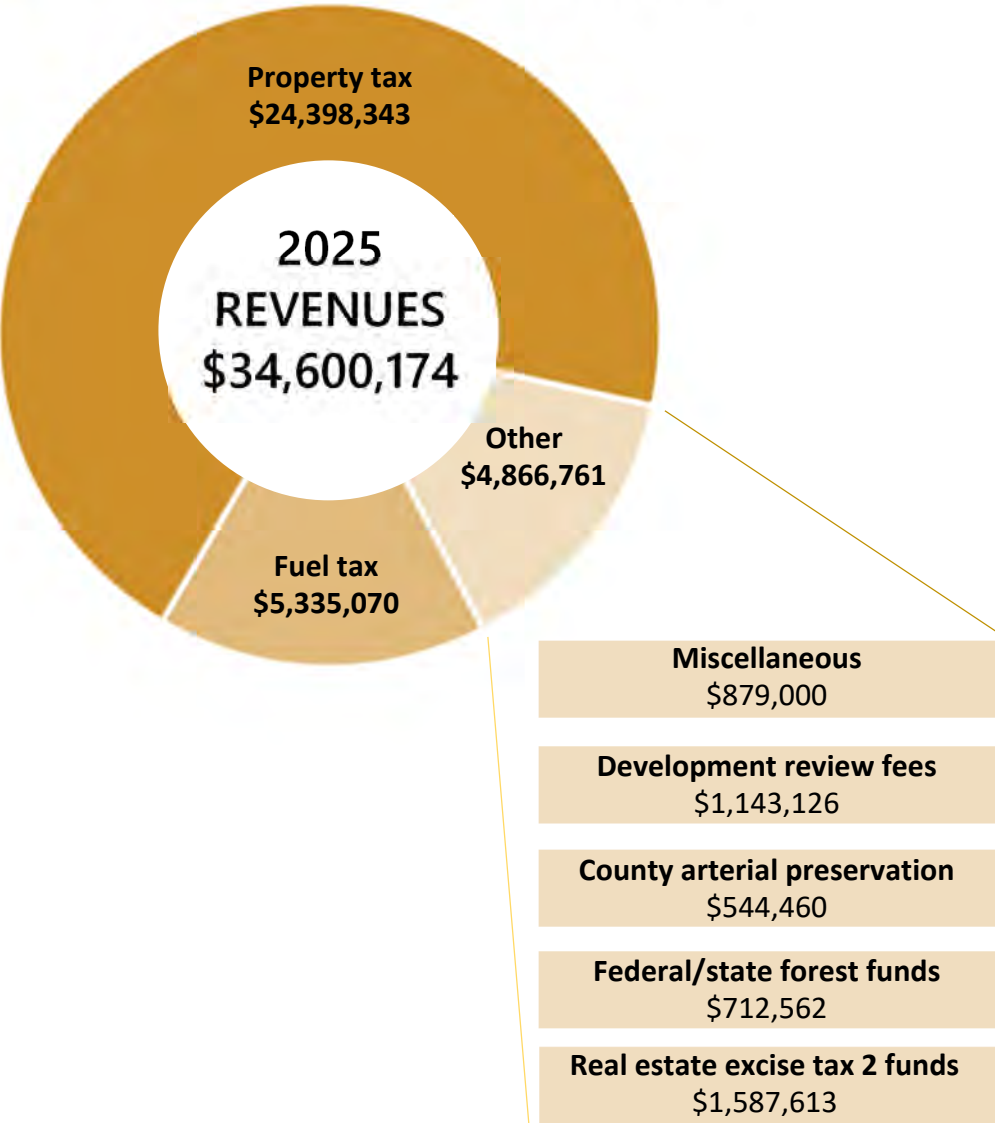
Beginning fund balance: **\$16,430,786**



Transportation-related revenues and expenditures

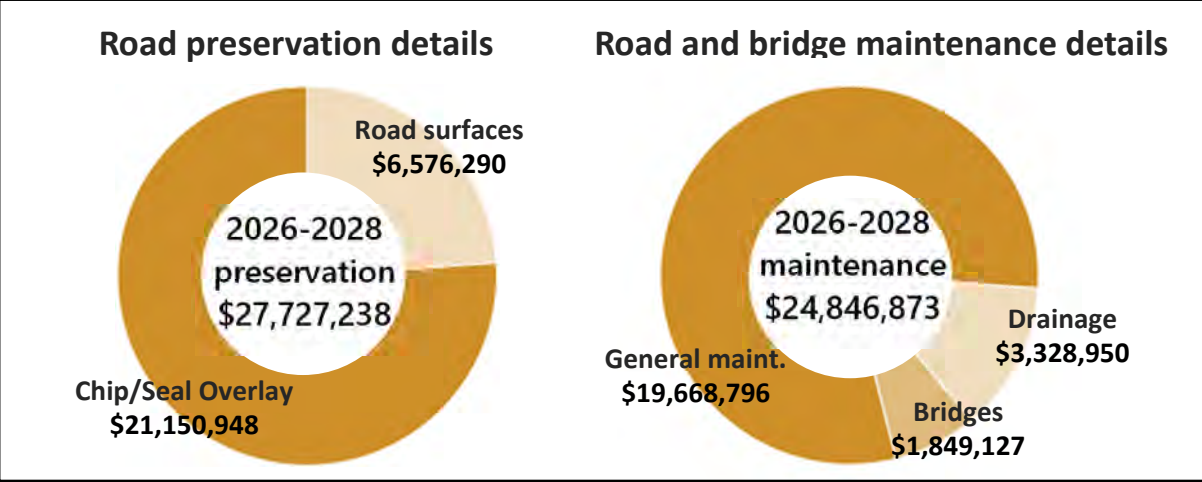
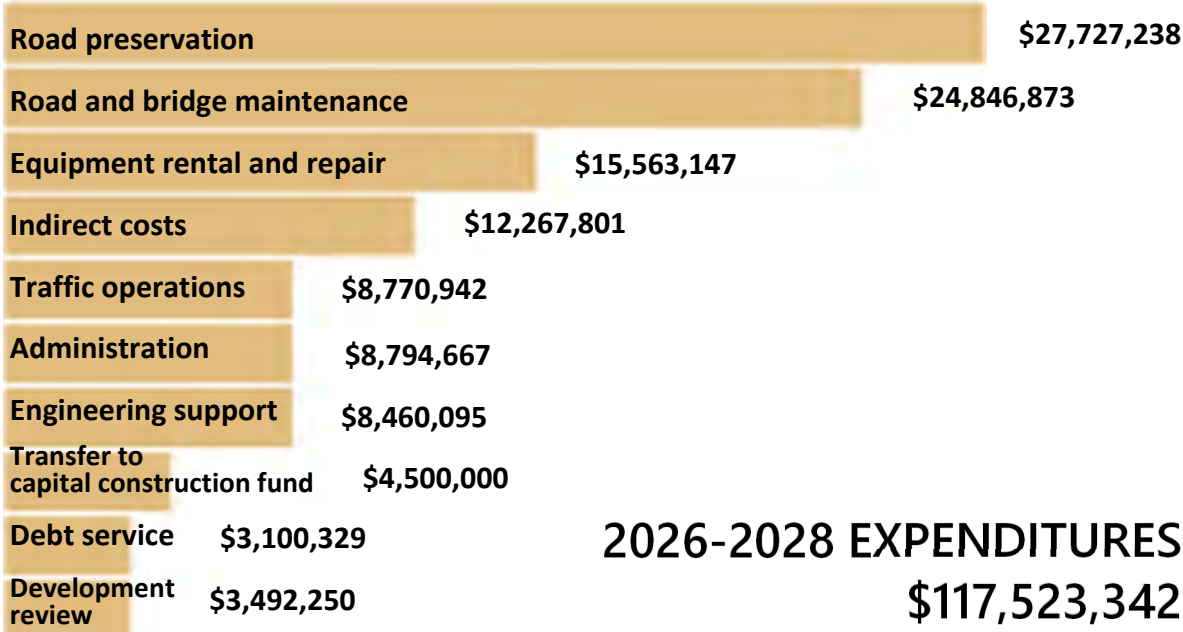
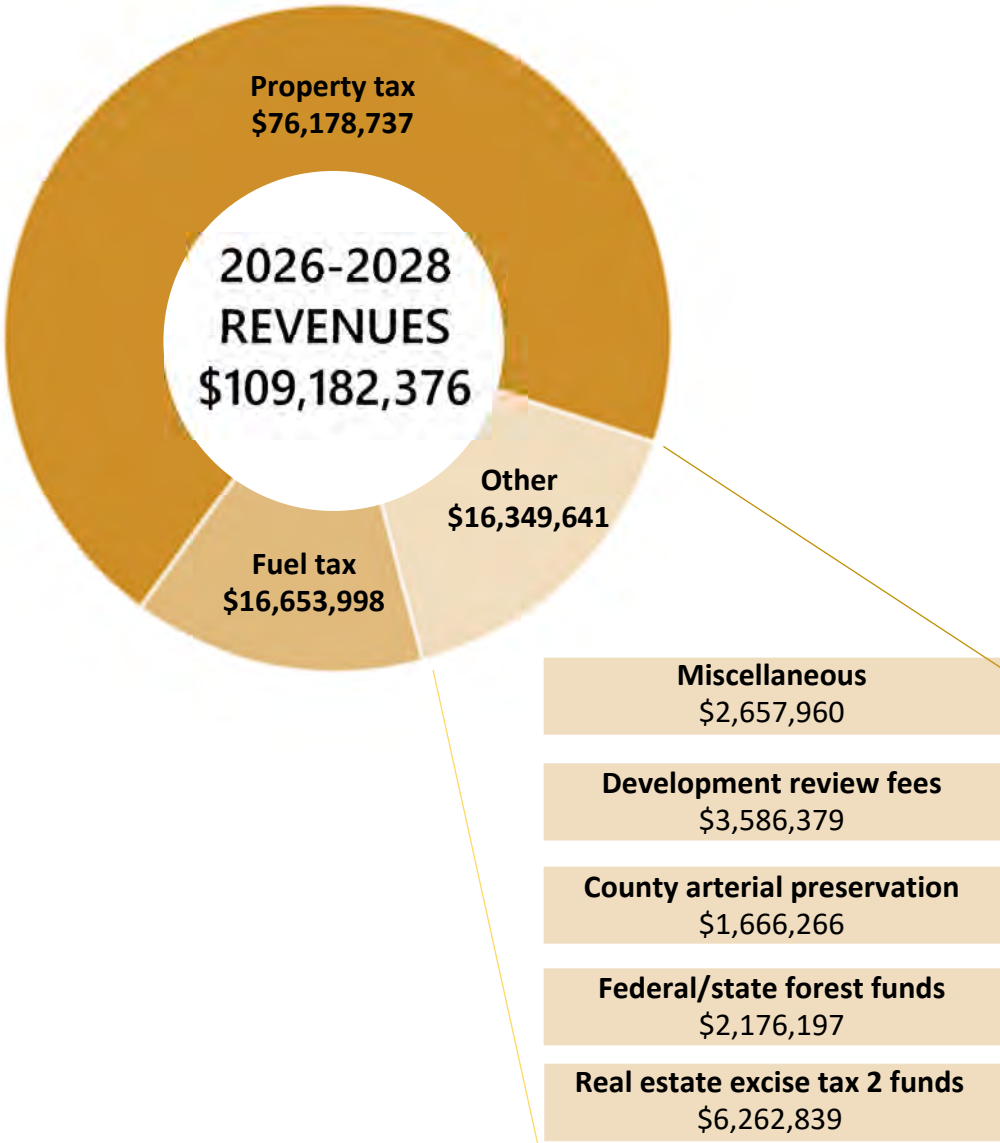
Road Fund 1190 – 2025 forecast

Beginning fund balance: **\$13,932,284**



Transportation-related revenues and expenditures

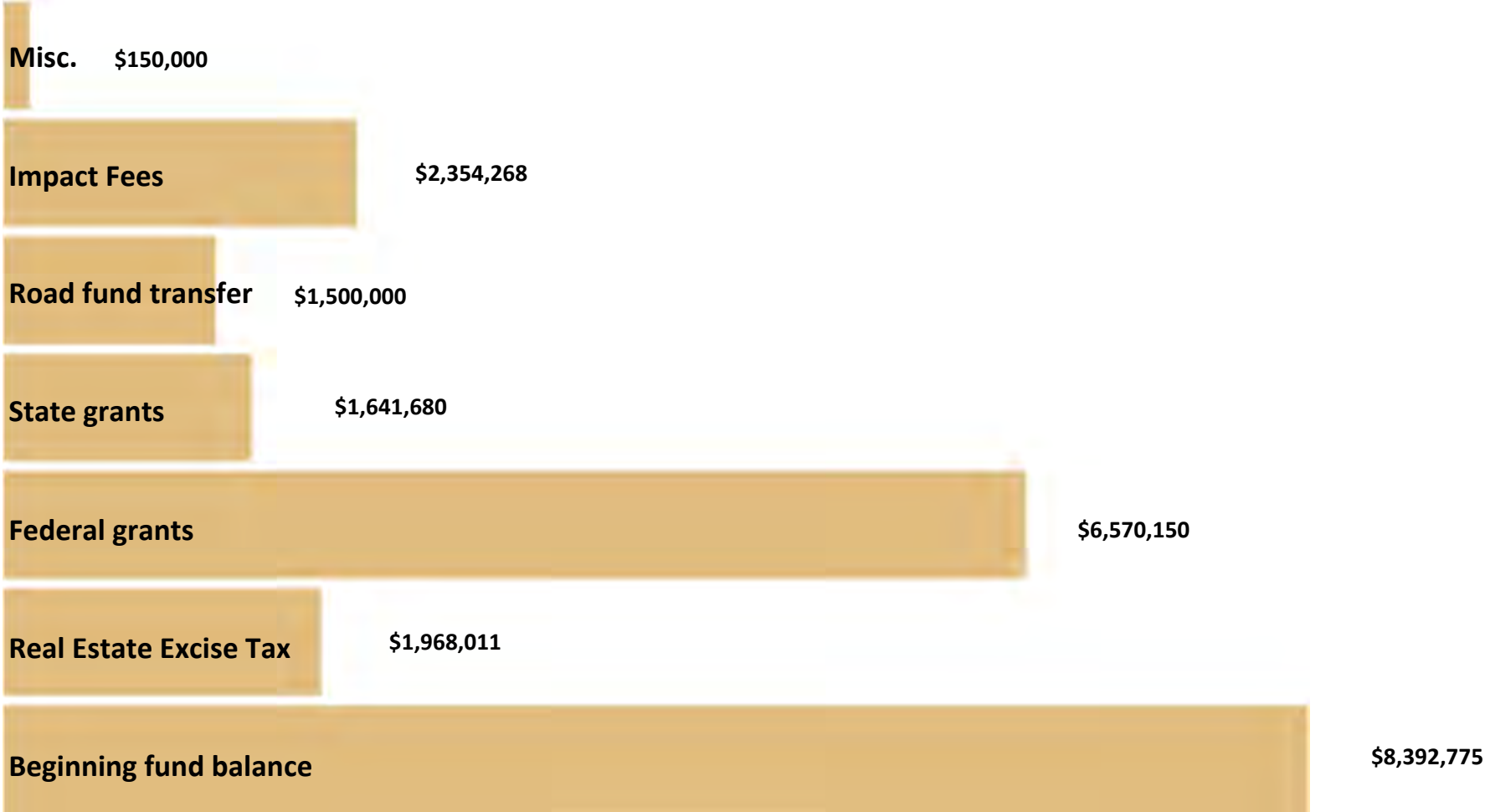
Road Fund 1190 – 2026-2028 forecast



Transportation-related revenues and expenditures

Capital Construction Fund 3010

2023 Revenues



2023 REVENUES & FUND BALANCE: \$22,576,884

Chapter 4

Transportation programs and project prioritization

Transportation programs define Public Works' priorities in the operation and maintenance of the county's transportation system. Each transportation project reflects those priorities. Program groups also can serve as a way of identifying a project's overall purpose in order to secure state and federal funding.

ADA Improvements

The Americans with Disabilities Act (ADA) requires government agencies to design, construct, retrofit, and maintain infrastructure that allows access for persons with disabilities or limited mobility. This program funds projects that primarily improve sidewalks, ramps, crosswalks, and electrical crosswalk warning systems.



Criteria considered

- Percent of local population in poverty
- Percent of local population over 65
- Percent of local population disabled
- Proximity to school
- Proximity to park
- Proximity to public transportation
- Proximity to traffic signal
- Number of adjacent travel lanes

Bridges

Thurston County is responsible for more than 147 bridges, the oldest built in the 1920s. Bridge projects are prioritized based on criteria that reflects the county's overall network and regional needs. They are updated on a regular basis to reflect changing bridge conditions, bridge inspections, annexations.



Culverts

Thurston County maintains approximately 2,500 culverts, primarily within county road right-of-way. Public Works performs regular maintenance for roadside ditch lines, including culvert cleanout, repairs, and replacement.



Criteria considered

- Culvert conditions
- Maintenance history
- Environmental considerations
- Secure funding
- Professional judgment

Fish Passage Enhancement

Thurston County has over 300 culverts which hinder fish passage. Public Works is improving fish passage conditions by removing and replacing barriers which increases fish habitat and protects the biological health of waterways.



Criteria considered

- Barrier status (full barrier, partial barrier, no barrier)
- Presence of anadromous fish
- Habitat gained
- Construction cost
- Public impacts
- Regional significance
- Condition of culvert

Criteria considered

- Bridge sufficiency rating
- Scour critical
- Secured funding
- Route priority
- Functionally obsolete
- Average daily volume
- Professional Judgement

Capacity

Capacity projects improve mobility and circulation by adding vehicle capacity to existing streets, roads, and bridges through addition of general-purpose travel lanes, roundabouts, and corridor access management. In urban areas, capacity projects upgrade streets and roads to community design standards, and usually include sidewalks, bicycle lanes, landscaping, and lighting. Rural projects in this category typically widen shoulders, serving people who walk or bike.



Criteria considered

- Network significance
- Regional significance
- Level of service
- Proximity to urban and rural commercial areas
- Funding availability
- Professional judgment

Transportation programs and project prioritization

Highway safety improvement

Current national and statewide highway safety planning focuses on reducing or eliminating serious and fatal collisions. Public Works plans and implements measures that improve safety performance and align with national and state priorities.



Highway safety improvement projects are selected from the traffic safety/intersection priority analysis system. It serves as a guide for staff to identify safety projects and projects for capital planning consideration.

Criteria considered

- Traffic volume
- Roadway classification
- Collision history
- Project identification in plan
- Affected area
- Partnerships
- Funding availability
- Professional judgment

Maintenance and operations

Public Works preserves public infrastructure and provides daily services for roadway system operation. Infrastructure maintenance is preventive, routine, and reactive.



Projects can transition from maintenance into a capital project for a variety of reasons, including funding, resources, and maintenance costs.

Criteria considered

- Cost
- Funding source
- Project scope
- Timing
- Project duration
- Professional judgment

Pavement preservation

Pavement preservation is a proactive, long-term strategy for maintaining the integrity of existing roads. It reduces costly, time-consuming reconstruction of roads and minimizes traffic disruptions. A significant number of road segments need preservation, therefore it is critical projects are prioritized to meet legal requirements and user needs.



Two sub-programs for pavement maintenance are:

- Chip seal
- Preservation

Criteria considered

- Pavement surface condition
- Road core data
- International roughness index
- Average daily traffic
- Truck routes
- Professional judgment

Pedestrians and bicycles

Pedestrian travel is a vital mode of transportation. Federal requirements detail that non-motorized projects support pedestrian and bicycle accessibility. Thurston County primarily uses outside sources of funding for non-motorized projects.



Three sub-programs for non-motorized projects are:

- Pedestrian and Bicycle
- Safe Routes to School
- Trails

Criteria considered

- Posted travel speed
- Capacity and number of travel lanes
- Project identification in plan
- Traffic signal proximity
- Transit corridor
- Trip generators
- School proximity
- Missing link
- Socio-economics
- Funding availability
- Professional judgment

Transportation programs and project prioritization

Project prioritization

The projects included in this document are the result of evaluation and the prioritization of needs in various transportation areas. Evaluation includes input from other divisions in Public Works, other agencies, and the public. Funding availability can change from year to year, which can affect project priorities. The 1-year and 6-year projects detailed in Chapters 5 and 6 have been selected based on prioritization criteria including:

- Public safety concerns.
- Funding sources.
- Input from citizens, agencies, and councils.
- Traffic volume (see Level of Service below).

Funding for a project is based on its contribution to the overall transportation system. Given the system’s needs and available financing, not all projects are fully funded.

The projects listed in Chapter 6 demonstrate to other agencies what the county could accomplish if additional funding was obtained. If an unexpected source of funding for a project should become available, that project moves forward in the prioritization process.

Level of Service

Thurston County uses Level of Service, a measure of traffic congestion, to describe how well a roadway is functioning from a user’s perspective. There are six Level of Service standards, similar to an academic grading system, that represent conditions from free-flowing traffic (A) to gridlock (F).

Level of Service A:
Highest driving comfort; free-flowing traffic.



Level of Service B:
High degree of driver comfort; little delay.



Level of Service C:
Acceptable level of driver comfort; some delay.



Level of Service D:
Some driver frustration; moderate delay.



Level of Service E:
High level of driver frustration; high delay.



Level of Service F:
Highest level of driver frustration; excessive delay.



Chapter 5

Planned transportation projects for 2023

Project listings

Thurston County must satisfy transportation-related planning and reporting requirements for various federal, state, regional, and local agencies. As these mandates have similar requirements but different project planning timeframes, Public Works aims to streamline how projects are chosen, prioritized, and reported, by creating a 1-year, 6-year, and 20-year listing of projects needed to maintain, preserve, and improve the county's transportation system.

Annual Road Program

This chapter focuses on the county's 1-year list of projects, also known as the Annual Road Program. These projects have secured funding and are scheduled to be worked on in 2023. The list provides the description, location, and budgeting information for each project.

The Annual Road Program is a reporting requirement of WAC 136-16.



Annual Road Program

COUNTY PROJECT				ROAD SEGMENT INFORMATION							3010 FUNDING SOURCES				3010 PROJECT/PROGRAM EXPEDITURES							
PROJECT NAME	CP#	WORK TYPE	ENVIRO TYPE	ROAD #	FFC	ROAD NAME	BMP	EMP	LENGTH (mi.)	COUNTY ROAD FUNDS	OTHER FUNDS		TOTAL FUNDING	PE & FE		REAL ESTATE ACQUISITION		Construction		BUDGETED COSTS		
											AMOUNT	PROGRAM SOURCE		LABOR	CONSULT	ACQUISITION	CM	CONTRACT	COUNTY FORCE			
Marvin Rd Upgrade Phase 2 (Mullen Rd Intersection)	61545	IS	I	13195	16	Road Name: Marvin Rd SE	0.000	0.047	0.047	\$5,000			\$5,000					\$5,000			\$5,000	
						From: Mullen Rd SE																
						To: Mullen Rd SE																
Littlerock Road & 113th Ave SW Bridge and Intersection Improvements	61320	RC	I	12945	07	Road Name: Littlerock Rd SW	9.074	9.150	0.076	\$631,000	\$1,650,000	STBG	\$2,281,000	\$50,000			\$200,000	\$2,031,000			\$2,281,000	
						From: 113th Ave SW																
						To: 400 ft N of 113th																
Johnson Point Rd & Hawks Prairie Rd Intersection Improvements	61364	IS	I	12440	17	Road Name: Johnson Point Rd NE	0.000	0.200	0.200	\$0	\$129,000	STBG	\$240,000	\$90,000			\$150,000				\$240,000	
						From: Hawks Prairie Rd NE					\$111,000	DEV										
						To: Hawks Prairie Rd NE																
Yelm Highway and Meridian Rd Intersection Improvements	61318	IS	I	15725	14	Road Name: Yelm Hwy SE	8.700	8.900	0.200	\$10,000			\$10,000				\$10,000				\$10,000	
						From: Meridian Rd SE																
						To: Meridian Rd SE																
Pacific Ave SE Pavement Preservation - (Lacey City Limits to Union Mills Rd SE)	98408	2R	I	13850	14	Road Name: Pacific Ave SE	3.528	4.323	0.795	\$0	\$1,725,000	NHS	\$1,725,000				\$150,000	\$1,575,000			\$1,725,000	
						From: Lacey City Limits																
						To: Union Mills Rd SE																
Yelm Hwy SE Pavement Preservation - (Rich Rd SE to Lacey City Limits)	98409	2R	I	15725	14	Road Name: Yelm Hwy SE	2.955	4.102	1.147	\$0	\$1,778,000	NHS	\$1,778,000				\$150,000	\$1,628,000			\$1,778,000	
						From: Rich Rd SE																
						To: Lacey City Limits																
Old Hwy 99 at Intersections of Sargent Rd and 201st Ave	61548	IS	I	13765	16	Road Name: Old Hwy 99 SW	2.315	2.344	0.029	\$59,000	\$376,000	STBG	\$435,000	\$74,000	\$110,000	\$251,000					\$435,000	
						From: 201st Ave SW																
						To: Sargent Rd SW																
Vail Rd SE Improvements Phase 2 (138th Ave SE to 153rd Ave SE)	61450	RC	I	15276	07	Road Name: Vail Rd SE	1.760	3.240	1.480	\$5,000			\$5,000				\$5,000				\$5,000	
						From: 153rd Ave SE																
						To: 138th Ave SE																
US 12 Urban Improvements Phase 1 (Sargent Rd Intersection)	61502	IS	S	STATE	-	Road Name: SR 12	State	State	-	\$2,088,000	\$1,379,000	TIF	\$3,467,000				\$200,000	\$3,267,000			\$3,467,000	
						From: Sargent Rd SW																
						To: Sargent Rd SW																
Marvin Rd Upgrade Phase 1 (22nd Ave to Union Mills Rd)	61478	RC	I	13195	16	Road Name: Marvin Rd SE	2.036	2.318	0.282	\$0	\$725,000	TIF	\$3,182,000	\$235,000			\$160,000	\$2,787,000			\$3,182,000	
						From: 22nd Ave SE					\$1,407,000	TIB										
						To: Union Mills Rd SE					\$1,050,000	DEV										
Martin Way Corridor Study	61337	Other	E	13190	14	Road Name: Martin Way E	3.480	6.200	2.720	\$5,000			\$5,000	\$5,000							\$5,000	
						From: Carpenter Rd																
						To: Duterrow Rd SE																
Tilley Rd Bridge Replacement (T-2)	61547	BR	I	15065	07	Road Name: Tilley Rd S	4.017	4.093	0.076	\$47,000	\$303,000	NHFP	\$350,000	\$50,000	\$300,000						\$350,000	
						From: Beaver Creek																
						To: Beaver Creek																
2024 County Road Safety (HSIP)	61546	Safety	I	VARIES	VARIES	Road Name: VARIES	-	-	-	\$0	\$165,000	HSIP	\$165,000	\$90,000			\$75,000				\$165,000	
						From: VARIES																
						To: VARIES																
Old Hwy 99 & Tilley Rd Intersection Improvements	61317	IS	I	13765	16	Road Name: Old Hwy 99	6.910	7.110	0.200	\$176,000			\$176,000				\$25,000	\$151,000			\$176,000	
						From: Tilley Rd S																
						To: Tilley Rd S																
Evergreen Pkwy & Mud Bay Rd Interchange Improvements	61161	IS	I	13476	14	Road Name: Mud Bay Rd NW	0.974	1.103	0.129	\$60,000			\$60,000	\$60,000							\$60,000	
						From: SB Evergreen Pkwy																
						To: City Limits																
Complete Streets ADA Program 1 - Pedestrian Crossing Improvements	64004	SW-ADA	I	VARIES	VARIES	Road Name: VARIES	-	-	-	\$0	\$100,000	TIB	\$100,000	\$100,000							\$100,000	
						From: VARIES																
						To: VARIES																
Pacific Avenue Safety	61518	SW-ADA	I	13850	14	Road Name: Pacific Ave SE	3.528	4.193	0.665	\$15,000			\$15,000				\$15,000				\$15,000	
						From: Lacey City Limits																
						To: Ranger Dr SE																
Black Lake Belmore RD Bridge Approach Repair	77175	3R	E	10400	16	Road Name: Black Lake Belmore	1.438	1.590	0.152	\$410,000	\$2,500,000	REET	\$2,910,000				\$50,000	\$2,860,000			\$2,910,000	
						From: 800 ft S of Blk Lk Blvd																
						To: Black Lake Blvd SW																

Annual Road Program

COUNTY PROJECT				ROAD SEGMENT INFORMATION							3010 FUNDING SOURCES				3010 PROJECT/PROGRAM EXPEDITURES					
PROJECT NAME	CP#	WORK TYPE	ENVIRO TYPE	ROAD #	FFC	ROAD NAME	BMP	EMP	LENGTH (mi.)	COUNTY ROAD FUNDS	OTHER FUNDS		TOTAL FUNDING	PE & FE		REAL ESTATE ACQUISITION		Construction		BUDGETED COSTS
											AMOUNT	PROGRAM SOURCE		LABOR	CONSULT	ACQUISITION	CM	CONTRACT	COUNTY FORCE	
Thurston County Mobility Strategy	61522	Other	E	VARIES	VARIES	Road Name: VARIES From: VARIES To: VARIES	-	-	-	\$17,000	\$108,000	STBG	\$125,000	\$5,000	\$120,000					\$125,000
Thompson Creek RD SE at Thompson Creek Fish Passage	63025	FP		15005	09	Road Name: Thompson Creek Rd From: Thompson Creek To: Thompson Creek	2.609	2.685	0.076	\$0	\$1,568,000	REET	\$1,568,000	\$65,000			\$75,000	\$1,428,000		\$1,568,000
Sargent RD SW - US 12 to Old Hwy 99 SW (South Grand Mound UGA Improvements)	61507	RC	I	14420	17	Road Name: Sargent Rd SW From: Old Hwy 99 To: US 12	0.000	0.413	0.413	\$10,000			\$10,000	\$10,000						\$10,000
Old Pacific HWY/Kuhlman RD Intersection Improvements	61553	IS	I	13755	16	Road Name: Old Pacific Hwy From: Kuhlman Rd SE To: Kuhlman Rd SE	2.717	2.793	0.076	\$20,000			\$20,000		\$20,000					\$20,000
183rd Ave Phase 1 - (US 12 to Sargent Rd)	61348	RC	I	16125	17	Road Name: 183rd Ave SW From: US 12 To: Sargent Rd SW	6.000	7.710	1.710	\$65,000	\$135,000	RAP	\$200,000	\$135,000	\$15,000	\$50,000				\$200,000
Country Club Road NW at Green Cove Creek Culvert Replacement	63023	FP		10975	19	Road Name: Country Club Rd NW From: Green Cove Creek To: Green Cove Creek	0.000	0.038	0.038	\$500,000	\$150,000	SSWU	\$650,000		\$247,000	\$403,000				\$650,000
Countywide Electrical Services Project (HSIP)	61550	Safety	E	VARIES	VARIES	Road Name: VARIES From: VARIES To: VARIES	-	-	-	\$0	\$100,000	HSIP	\$100,000	\$100,000						\$100,000
Cooper RD SW at Mox Chehalis Creek Culvert Replacement	61554	Other		10930	09	Road Name: Cooper Rd SW From: Mox Chehalis Creek To: Mox Chehalis Creek	0.066	0.142	0.076	\$640,000			\$640,000	\$60,000		\$10,000	\$15,000	\$555,000		\$640,000
Pleasant Glade Elementary Pedestrian Improvements (SRTS)	61523	SW-ADA	I	10020	19	Road Name: Abernathy St NE From: 15th Ave NE To: 20th Way NE	0.000	0.379	0.379	\$37,000	\$335,000	SRTS	\$372,000	\$150,000		\$222,000				\$372,000
Steamboat Island RD Bridge Rail and Pile Cap Repair	98012	BR	I	14810	09	Road Name: Steamboat Island Rd From: South End of Bridge To: Steamboat Island Lp	8.873	9.008	0.135	\$10,000			\$10,000			\$10,000				\$10,000
196th AVE SW - Sargent RD SW to Elderberry ST SW	TBD	RC	E	16175	17	Road Name: 196th Ave SW From: Sargent Rd SW To: Elderberry St SW	8.671	9.053	0.382	\$150,000			\$150,000	\$5,000	\$145,000					\$150,000
Rochester-Grand Mound Trail Feasibility Study	61527	Other	E	N/A	N/A	Road Name: N/A From: N/A To: N/A	-	-	-	\$8,000	\$58,000	STBG	\$66,000	\$5,000	\$61,000					\$66,000
Kingham ST SE - 3rd AVE SE to Martin Way E Pedestrian Improvements	TBD	SW-ADA	E	12600	19	Road Name: Kingham St NE From: 3rd Ave SE To: Martin Way E	0.000	0.155	0.155	\$100,000			\$100,000	\$5,000	\$95,000					\$100,000
Carpenter Road Pedestrian Improvement - Regional Transition Center	61544	SW-ADA	I	10690	14	Road Name: Carpenter Rd SE From: Martin Way E To: 1,200 ft N of Martin	4.400	4.627	0.227	\$0	\$350,000	REET	\$350,000	\$70,000		\$20,000	\$50,000	\$210,000		\$350,000
Americans with Disabilities Act (ADA) Program	64000	SW-ADA	I	N/A	N/A	Road Name: N/A From: N/A To: N/A	-	-	-	\$50,000			\$50,000			\$10,000	\$40,000		\$50,000	
Fish Passage Enhancement Program	63006	FP	I	N/A	N/A	Road Name: N/A From: N/A To: N/A	-	-	-	\$0	\$50,000	REET	\$50,000					\$50,000		\$50,000
Road Preservation Program	TBD	2R	I	N/A	N/A	Road Name: N/A From: N/A To: N/A	-	-	-	\$2,000,000	\$1,000,000	REET	\$3,000,000	\$50,000				\$2,950,000		\$3,000,000
										1190 FUNDING SOURCES				1190 PROJECT/PROGRAM EXPEDITURES						
2023 Miscellaneous projects										\$500,000			\$500,000	\$80,000	\$20,000	\$50,000	\$50,000	\$200,000	\$100,000	\$500,000
TOTAL CRP PROJECTS										\$7,618,000	\$17,252,000		\$24,870,000	\$1,494,000	\$1,133,000	\$1,231,000	\$1,180,000	\$19,732,000	\$100,000	\$24,870,000

Chapter 6

6-year planned transportation projects

Project listings

Thurston County must satisfy transportation-related planning and reporting requirements for various federal, state, regional, and local agencies. As these mandates have similar requirements but different project planning timeframes, Public Works aims to streamline how projects are chosen, prioritized, and reported, by creating a 1-year, 6-year, and 20-year listing of projects needed to maintain, preserve, and improve the county's transportation system.

6-Year Transportation Improvement Program

This chapter focuses on the county's 2023-2028 Transportation Improvement Program (TIP). The TIP details prioritized projects that are reasonably expected to be funded, designed, and constructed over the next six years. Projects are re-prioritized each year due to changes in funding acquisition, infrastructure maintenance and repair needs, as well as environmental concerns, and public input. All projects that are included in the Annual Road Program are derived from this 6-year list. See Chapter 4 for more information on how Public Works prioritizes transportation projects.

This 6-Year Transportation Improvement Program is required by the Washington State Legislature.

What to expect in this chapter

As the 6-year Transportation Improvement Program is the bulk of this report, here is a quick reference of what you can expect in this chapter:

- A spreadsheet overview of all 6-year planned projects and the projected budget allocation for each stage of implementation. Page 23.
- Project changes from last years' 2022-2027 TIP. Page 27.
- Maps showing the locations and extents of all 6-year planned projects. Page 28.
- Transportation project tables that provide project-specific information, in order of project priority. Page 36.

2023-2028 TIP overview

RANK	PROJECT NAME	2023	2024	2025	2026-2028	TOTAL
1	Marvin Rd Upgrade Phase 2 (Mullen Rd Intersection)	\$5,000	\$0	\$0	\$0	\$5,000
2	Littlerock Road & 113th Ave SW Bridge and Intersection Improvements	\$2,281,000	\$450,000	\$7,000	\$0	\$2,738,000
3	Johnson Point Rd & Hawks Prairie Rd Intersection Improvements	\$240,000	\$3,375,000	\$7,000	\$0	\$3,622,000
4	Yelm Highway and Meridian Rd Intersection Improvements	\$10,000	\$0	\$0	\$0	\$10,000
5	Pacific Ave SE Pavement Preservation - (Lacey City Limits to Union Mills Rd SE)	\$1,725,000	\$1,621,000	\$0	\$0	\$3,346,000
6	Yelm Hwy SE Pavement Preservation - (Rich Rd SE to Lacey City Limits)	\$1,778,000	\$2,094,000	\$0	\$0	\$3,872,000
7	Old Hwy 99 at Intersections of Sargent Rd and 201st Ave	\$435,000	\$445,000	\$2,840,000	\$10,000	\$3,730,000
8	Vail Rd SE Improvements Phase 2 (138th Ave SE to 153rd Ave SE)	\$5,000	\$0	\$0	\$0	\$5,000
9	Yelm Hwy SE Bridge Replacement (O-12)	\$0	\$0	\$0	\$50,000	\$50,000
10	Yelm Hwy and Spurgeon Crk Rd SE Intersection Improvements	\$0	\$50,000	\$0	\$0	\$50,000
11	US 12 Urban Improvements Phase 1 (Sargent Rd Intersection)	\$3,467,000	\$0	\$0	\$0	\$3,467,000
12	Marvin Rd Upgrade Phase 1 (22nd Ave to Union Mills Rd)	\$3,182,000	\$3,856,000	\$15,000	\$0	\$7,053,000
13	Martin Way Corridor Study	\$5,000	\$0	\$0	\$0	\$5,000
14	Tilley Rd Bridge Replacement (T-2)	\$350,000	\$150,000	\$0	\$0	\$500,000
15	2024 County Road Safety (HSIP)	\$165,000	\$2,465,000	\$60,000	\$0	\$2,690,000
16	Old Hwy 99 & Tilley Rd Intersection Improvements	\$176,000	\$189,000	\$1,312,000	\$10,000	\$1,687,000

2023-2028 TIP overview

RANK	PROJECT NAME	2023	2024	2025	2026-2028	TOTAL
17	Evergreen Pkwy & Mud Bay Rd Interchange Improvements	\$60,000	\$0	\$0	\$0	\$60,000
18	Complete Streets ADA Program 1 - Pedestrian Crossing Improvements	\$100,000	\$500,000	\$0	\$0	\$600,000
19	Pacific Avenue Safety	\$15,000	\$0	\$0	\$0	\$15,000
20	Black Lake Belmore RD Bridge Approach Repair	\$2,910,000	\$0	\$0	\$0	\$2,910,000
21	Thurston County Mobility Strategy	\$125,000	\$5,000	\$0	\$0	\$130,000
22	Thompson Creek RD SE at Thompson Creek Fish Passage	\$1,568,000	\$0	\$0	\$0	\$1,568,000
23	Sargent RD SW - US 12 to Old Hwy 99 SW (South Grand Mound UGA Improvements)	\$10,000	\$0	\$0	\$0	\$10,000
24	Old Pacific HWY/Kuhlman RD Intersection Improvements	\$20,000	\$0	\$0	\$0	\$20,000
25	183rd Ave Phase 1 - (US 12 to Sargent Rd)	\$200,000	\$807,000	\$2,219,000	\$10,000	\$3,236,000
26	Country Club Road NW at Green Cove Creek Culvert Replacement	\$650,000	\$7,690,000	\$10,000	\$0	\$8,350,000
27	Countywide Electrical Services Project (HSIP)	\$100,000	\$966,000	\$450,000	\$0	\$1,516,000
28	Cooper RD SW at Mox Chehalis Creek Culvert Replacement	\$640,000	\$10,000	\$0	\$0	\$650,000
29	Elderberry St SW Upgrade (US 12 to 196th Ave)	\$0	\$150,000	\$0	\$0	\$150,000
30	Pleasant Glade Elementary Pedestrian Improvements (SRTS)	\$372,000	\$1,228,000	\$5,000	\$0	\$1,605,000
31	Marvin RD Extension	\$0	\$0	\$0	\$25,000	\$25,000
32	Marvin RD Upgrade Phase 3 (Union Mills RD to Pacific AVE)	\$0	\$0	\$0	\$50,000	\$50,000

2023-2028 TIP overview

RANK	PROJECT NAME	2023	2024	2025	2026-2028	TOTAL
33	Steamboat Island RD Bridge Rail and Pile Cap Repair	\$10,000	\$0	\$0	\$0	\$10,000
34	Shawn DR SW at UNT to Dempsey Creek Fish Passage	\$0	\$120,000	\$1,554,000	\$10,000	\$1,684,000
35	196th AVE SW - Sargent RD SW to Elderberry ST SW	\$150,000	\$0	\$0	\$0	\$150,000
36	113th Ave SW (SR 121/Tilley Rd S to McCorkle Rd SE)	\$0	\$0	\$0	\$10,000	\$10,000
37	Rochester Main Street Improvements (US 12)	\$0	\$0	\$0	\$50,000	\$50,000
38	Local Road Safety Plan	\$0	\$20,000	\$0	\$20,000	\$40,000
39	McCorkle Rd SE (113th Ave SW to Old Hwy 99)	\$0	\$0	\$0	\$10,000	\$10,000
40	Rochester-Grand Mound Trail Feasibility Study	\$66,000	\$5,000	\$0	\$0	\$71,000
41	Steilacoom Rd Improvements Phase 1 (Pacific Ave NE to SR 510)	\$0	\$0	\$0	\$50,000	\$50,000
42	Old Hwy 99 Rural Capacity Project (US 12 to S UGA Boundary)	\$0	\$0	\$0	\$50,000	\$50,000
43	Trail Enhancement Study	\$0	\$150,000	\$0	\$0	\$150,000
44	Pacific AVE SE/Steilacoom RD SE/Union Mills RD SE Intersection Improvements	\$0	\$0	\$0	\$50,000	\$50,000
45	Fir Tree RD SE/Rainier RD SE Intersection Improvements	\$0	\$0	\$150,000	\$0	\$150,000
46	Old Hwy 9 & Old Hwy 99	\$0	\$0	\$150,000	\$0	\$150,000
47	Kingham ST SE - 3rd AVE SE to Martin Way E Pedestrian Improvements	\$100,000	\$0	\$0	\$0	\$100,000
48	Carpenter Road Pedestrian Improvement - Regional Transition Center	\$350,000	\$0	\$0	\$0	\$350,000

2023-2028 TIP overview

	PROGRAM	2023	2024	2025	2026-2028	TOTAL
NA	Americans with Disabilities Act (ADA) Program	\$50,000	\$50,000	\$50,000	\$150,000	\$300,000
NA	Fish Passage Enhancement Program	\$50,000	\$930,000	\$2,000,000	\$6,000,000	\$8,980,000
NA	Road Preservation & Rehabilitation Program	\$3,000,000	\$5,000,000	\$6,000,000	\$21,000,000	\$35,000,000
NA	Pedestrian & Bicycle Program	\$0	\$0	\$0	\$10,000	\$10,000
NA	Safe Routes to School Program	\$0	\$0	\$0	\$10,000	\$10,000
NA	Bridge Program	\$0	\$0	\$0	\$10,000	\$10,000
NA	County Road Safety Improvement Program	\$0	\$0	\$0	\$10,000	\$10,000
NA	Culvert Program	\$0	\$0	\$0	\$10,000	\$10,000
NA	Roadway Capacity Program	\$0	\$0	\$0	\$10,000	\$10,000

Summary of project changes

Projects added to the 6-year plan (2023)

- 196th AVE SE – Sargent RD SW to Elderberry ST SW
- Fir Tree RD SE/Rainier RD SE Intersection Improvements
- Kingham ST SE – 3rd AVE SE to Martin Way E Pedestrian Improvements
- Thompson Creek RD SE at Thompson Creek Fish Passage
- Shawn DR SW at UNT to Dempsey Creek Fish Passage
- Cooper RD SW at Mox Chehalis Creek Culvert Replacement
- Complete Streets ADA Program 1 – Pedestrian Crossing Improvements

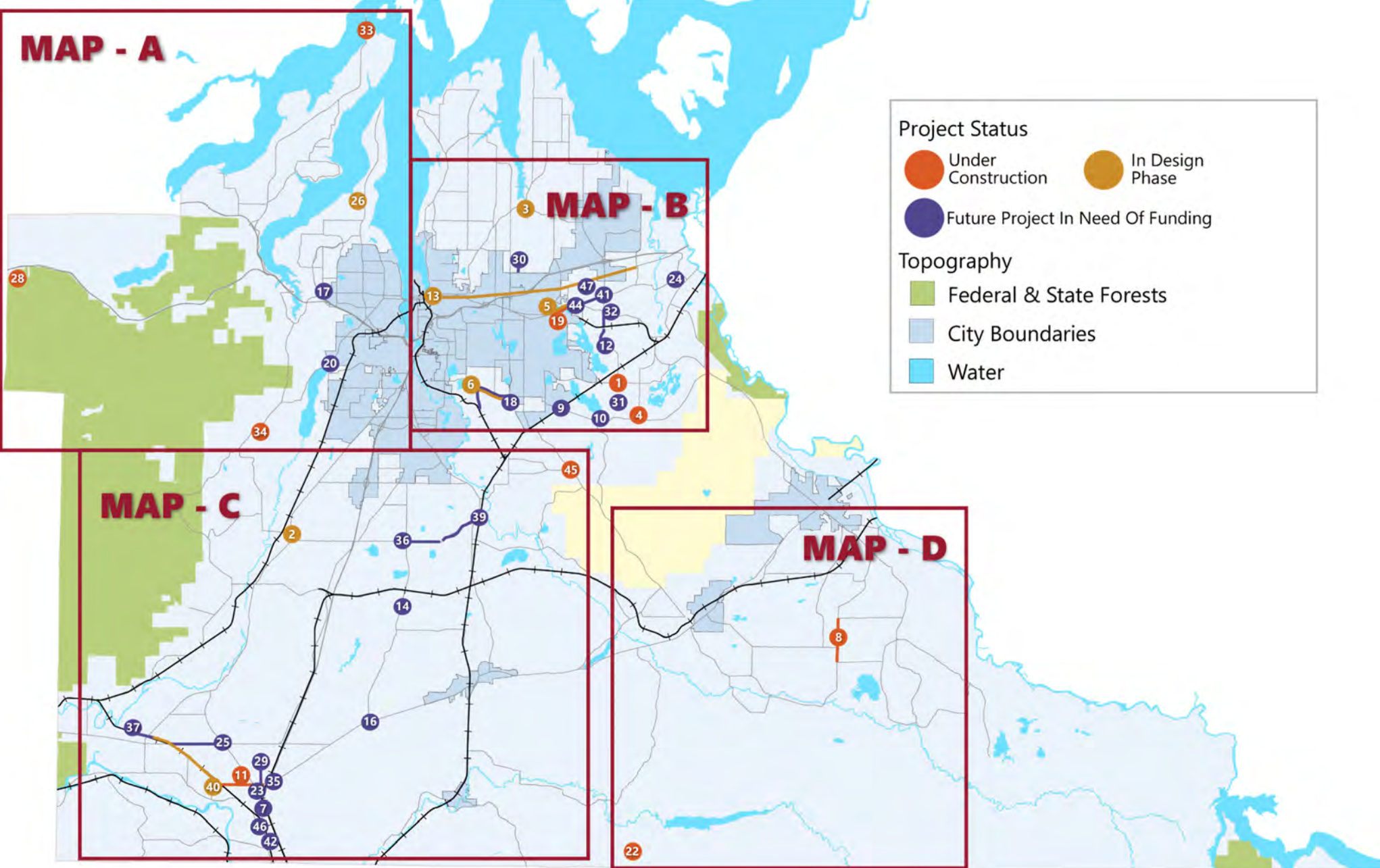
Projects dropped from the 6-year plan (2022)

- Mullen Rd Upgrade Phase 1 (Lacey City Limits to Carpenter Rd)
- Latigo St at Spurgeon Creek & Chehalis Western Trail
- Gate Road Culvert Replacements
- Draham ST at Woodland Creek Fish Passage
- Carpenter Rd Barrier
- Carpenter Road Pedestrian Improvement – Regional Transition Center
- Yelm Hwy SE and Pacific Ave Ped Improvements Phase 2)

Projects scheduled to complete construction in 2022

	<p>Yelm Highway and Meridian Rd Intersection Improvements – A single lane roundabout with sidewalk, crossing, lighting, and drainage improvements was constructed. Estimated Project Cost: \$3,100,000</p>
	<p>Latigo St at Spurgeon Creek & Chehalis Western Trail – Improved fish passage conditions by installing larger culverts, removing fish barriers and enhancing aquatic environment. Estimated Project Cost: \$2,000,000</p>
	<p>Pacific Avenue Safety – Constructed ADA accessible crossings through the installation of pedestrian refuge islands, and by improving curb ramps and sidewalks. Estimated Project Cost: \$800,000</p>
	<p>Vail Rd SE Improvements Phase 2 (138th Ave SE to 153rd Ave SE) – Installed paved shoulders, recoverable roadside slopes in adjacent swales, turn lanes, and pavement upgrades along Vail Rd. Installed lighting at the intersection of Vail Rd and 153rd. Estimated Project Cost: \$2,500,000</p>
	<p>Americans with Disabilities Act (ADA) Program, Martin Way ADA Improvements – Improved curb ramps, sidewalks and push button access at several intersections along Martin Way. Estimated Project Cost: \$270,000</p>
	<p>Fish Passage Enhancement Program, Littlerock Rd SW Culvert Replacement (Near Sargent Road SW) – Improved fish passage conditions by installing larger culverts, removing fish barriers and enhancing aquatic environment. Estimated Project Cost: \$1,400,000</p>
	<p>Fish Passage Enhancement Program, Houston Dr at Houston Creek Fish Passage – Improved fish passage conditions by installing larger culverts, removing fish barriers and enhancing aquatic environment. Estimated Project Cost: \$750,000</p>

2023-2028 project maps



Project Status

- Under Construction
- In Design Phase
- Future Project In Need Of Funding

Topography

- Federal & State Forests
- City Boundaries
- Water

Map A

LEGEND - MAP A



Project Program Group

- ADA Improvements
- Bridges
- Capacity
- Culverts
- Fish Passage Enhancement
- Highway Safety Improvements
- Maintenance & Operations
- Pavement Preservation
- Pedestrians & Bicycles

Project Status

- Under Construction
- In Design Phase
- Future Project In Need Of Funding

Topography

- Federal & State Forests
- City Boundaries
- Water



Map B

LEGEND - MAP B



Project Program Group

- ADA Improvements
- Capacity
- Fish Passage Enhancement
- Maintenance & Operations
- Pedestrians & Bicycles
- Bridges
- Culverts
- Highway Safety Improvements
- Pavement Preservation

Project Status

- Under Construction
- In Design Phase
- Future Projects In Need Of Funding

Topography

- Federal & State Forests
- City Boundaries
- Water
- Joint Base Lewis McChord



Map C

LEGEND - MAP C



Project Program Group

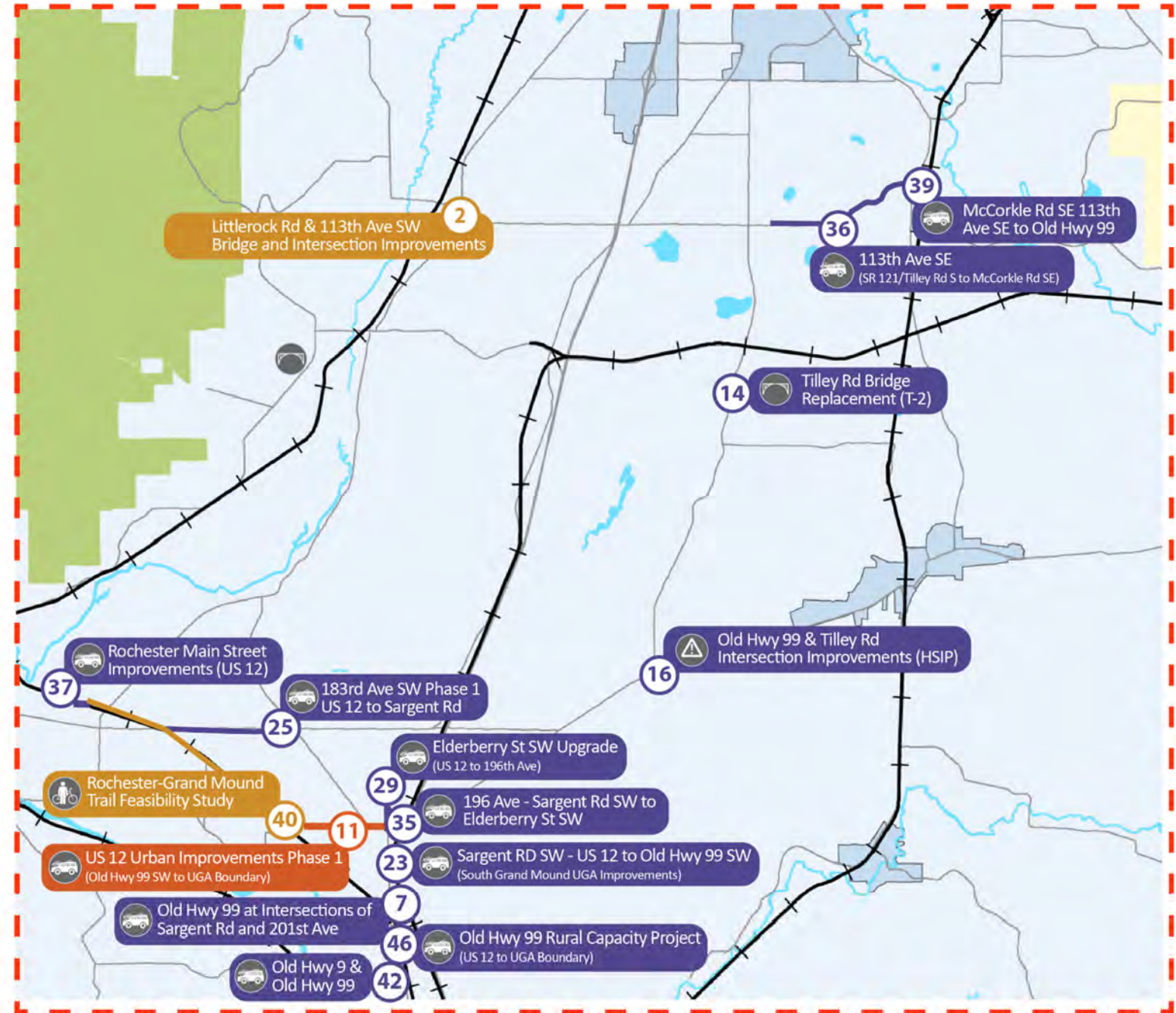
- ADA Improvements
- Capacity
- Fish Passage Enhancement
- Maintenance & Operations
- Pedestrians & Bicycles
- Bridges
- Culverts
- Highway Safety Improvements
- Pavement Preservation

Project Status

- Under Construction
- In Design Phase
- Future Projects In Need Of Funding

Topography

- Federal & State Forests
- City Boundaries
- Water



Map D

LEGEND - MAP D



Project Program Group

- ADA Improvements
- Capacity
- Fish Passage Enhancement
- Maintenance & Operations
- Pedestrians & Bicycles
- Bridges
- Culverts
- Highway Safety Improvements
- Pavement Preservation

Project Status

- Under Construction
- In Design Phase
- Future Projects In Need Of Funding

Topography

- Federal & State Forests
- City Boundaries
- Water



6-year projects detail

How to read the transportation projects detail section

Name of the project, and where to find it on the maps located on pages 28-32.

What phase the project is currently in, planning (PLAN), engineering (ENG), right of way (ROW) or construction (CON), and what has already been spent on the project, in thousands.

Budget allocations are listed in thousands, and can include one of the standard funding source abbreviations detailed at the bottom of this page.

Project Title Marvin Rd Upgrade Phase 2 (Mullen Rd Intersection)	Map Rank # 1	Project Phase	Prior Expend.	2023					2024				2025				2026-2028				2023-2028 Total
				Revenue Sources in \$1,000's				2023 Total	Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
				Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 0.047 Mile Road Log #: 13195 Beg MP: 0.000 End MP: 0.047		PLAN					0														0
Funding Detail: Est. Total Cost: \$2,500,000 Fully Funded: Yes		ENG					0														0
Other Project Information: CP #: 61545 FFC: 16 Comm. Dist. 2 Priority Group: CAP, HSIP FGC: T-3		ROW					0														0
TCCP Transportation Goals: 1, 2 and 3		CON					0														0
Project Elements: A, B, D, F, G, J, K, L		Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Improvement Type: 03 Enviro. Type: DCE		Project Description: Construct a roundabout at the intersection of Marvin Rd SE and Mullen Rd SE.																			

Project details including estimated total cost and other project information. Abbreviations for project details can be found on pages 34-35.

Written description of the project.

Project standard abbreviations

Funding sources

BRS = Bridge Replacement
CITY = Other City Agency Funds
CAPP = Capital Arterial Preservation Program
CRF = County Road Fund
DEV = Developer Contributions
ER = Emergency Relief
FLAP = Federal Lands Access Program
FMSB = Freight Mobility Strategic Investment
HSIP = Highway Safety Improvement Program
NHFP = National Highway Freight Program
NHS = National Highway System Asset Management Program
OTHR = Outside Sources (Other Agencies)
PWFT = Public Works Trust Fund
RAP = Rural Arterial Program
REET = Real Estate Excise Tax
SP = Sidewalk Program
SRTS = Safe Routes to School
SRFB = Salmon Recovery Funding Board
SSWU = Stormwater Utility Fund
STBG = Surface Trans. Block Grant
TIB = Transportation Improvement Board
TIF = Traffic Impact Fee
UAP = Urban Arterial Program
WDOT = Washington State Department of Transportation

Other

TCCP = Thurston County Comprehensive Plan Chapter 5 (Transportation)
--

Project priority groups

BR = Bridges
CAP = Capacity
CLVT = Culverts
HSIP = Hwy. Safety Improvement Prog.
MPRJ = Miscellaneous Projects
MPRGM = Miscellaneous Programs
PB = Pedestrian and Bicycle
PRSV = Preservation
SR = School Route
ADA = ADA Improvements
FP = Fish Passage Enhancement

Project improvement type

01 = New Construction Roadway
03 = Reconstruction, Added Capacity
04 = Reconstruction, No Added Capacity
05 = 4R Maintenance Resurfacing
06 = 4R Maintenance - Restoration & Rehabilitation
07 = 4R Maintenance – Relocation
08 = Bridge, New Construction
10 = Bridge Replacement, Added Capacity
11 = Bridge Replacement, No Added Capacity
13 = Bridge Rehabilitation, Added Capacity
14 = Bridge Rehabilitation, No Added Capacity
15 = Preliminary Engineering
16 = Right of Way
17 = Construction engineering
18 = Planning
19 = Research
20 = Environmental Only
21 = Safety
28 = Facilities for Pedestrians and Bicycles

Environmental type

CE = Categorically Exempt
E = Exempt
DCE = Documented Categorically Exempt
EIS = Environmental Impact Statement
EA = Environmental Assessment
I = Insignificant Impact
S = Significant Impact

Project elements

A = Grading
B = Drainage
C = Light Bituminous Surface
D = Asphalt/Cement Conc. Pav.
E = Sealcoat
F = Curb and Gutter
G = Sidewalk
H = Channelization
I = Signalization
J = Roundabout
K = Lighting
L = Signing and Marking
M = Bridge
N = Landscape
O = Paths and Trails
P = Bikeways
Q = Transit Facility
R = Project Study
S = Guardrails
T = Shoulders
U = Right-of-Way Preservation

Project standard abbreviations (cont.)

Work/Type

NEW = New Alignment
RC = Reconstruction
3R = Rehabilitate-Resurface-Restore
2R = Resurface and Restore
FA = Federal Aid Bridge
Br = Short Span or Other Bridge
DR = Drainage Structure
HMA = HMA Overlay-Grind Inlay-etc
IS = Intersection
Safety = Signing-stripings-markings-etc
Ferry = Boats docks etc
P&T = Paths-trails-bikeways-etc
SW = Sidewalk-ADA
Illm = Illumination
FP = Fish passage
Other = other
MN&M = Marine navigation and moorage
CS = Cost share

Function Class

Rural Federal Function Class (County)
00 = Proposed, Non-county system road
02 = Major arterial
06 = Minor arterial
07 = Major collector
08 = Minor collector
09 = Local access

Urban Federal Function Class (County)
12 = Principal arterial, freeways or expressways
14 = Principal arterial, other
16 = Minor arterial
17 = Major collector
18 = Minor collector
19 = Local access

6-year project list

Project Title Map B Rank # 1 Marvin Rd Upgrade Phase 2 (Mullen Rd Intersection)	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's								
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 0.047 Mile Road Log #: 13195 Beg MP: 0.000 End MP: 0.047 Funding Detail: Est. Total Cost: \$2,500,000 Fully Funded: Yes Other Project Information: CP #: 61545 FFC: 16 Comm. Dist. 2 Priority Group: CAP, HSIP FGC: T-3 TCCP Transportation Goals: 1, 2 and 3 Project Elements: A, B, D, F, G, J, K, L Improvement Type: 03 Enviro. Type: DCE	PLAN	0																	0	
	ENG	0																		0
	ROW	0																		0
	CON	192	5	CRF																5
	Total	192	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Project Description: Construct a roundabout at the intersection of Marvin Rd SE and Mullen Rd SE.			5				0				0				0				5	

Project Title Map C Rank # 2 Littlerock Road & 113th Ave SW Bridge and Intersection Improvements	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's								
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 0.076 Mile Road Log #: 12945 Beg MP: 9.074 End MP: 9.150 Funding Detail: Est. Total Cost: \$3,000,000 Fully Funded: Yes Other Project Information: CP #: 61320 FFC: 07 Comm. Dist. 3 Priority Group: CAP, BR, HSIP FGC: T-3 TCCP Transportation Goals: 1, 2 and 4 Project Elements: A, B, D, H, K, L, M, P, S Improvement Type: 10 Enviro. Type: DCE	PLAN	17																		0
	ENG	211	50	CRF																50
	ROW	31																		0
	CON		581	CRF	1650	STBG				338	CRF	112	STBG		7	CRF				2688
	Total	259	631	1650	0	0	0	0	0	338	112	0	0	0	7	0	0	0	0	2738
Project Description: Replace Littlerock Rd Bridge over Blooms Ditch (L-5) and improve intersection conditions at the intersection of 113th Ave SW and Littlerock Rd SW.			2281				450				7				0				2738	

Project Title Map B Rank # 3 Johnson Point Rd & Hawks Prairie Rd Intersection Improvements	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's								
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 0.200 Mile Road Log #: 12440 Beg MP: 0.000 End MP: 0.200 Funding Detail: Est. Total Cost: \$4,500,000 Fully Funded: Yes Other Project Information: CP #: 61364 FFC: 17 Comm. Dist. 1 Priority Group: HSIP, CAP FGC: T-3 TCCP Transportation Goals: 1, 2 and 3 Project Elements: A, B, D, F, G, J, K, L, P Improvement Type: 03 Enviro. Type: DCE	PLAN	203																		0
	ENG	337				90	DEV													90
	ROW	362		129	STBG		21	DEV												150
	CON								581	CRF	2600	STBG		194	DEV	7	CRF			3382
	Total	902	0	129	0	111	0	0	581	2600	0	194	7	0	0	0	0	0	0	3622
Project Description: Construct a roundabout at the intersection of Johnson Point Rd NE, Hawks Prairie Rd NE and South Bay Rd NE.			240				3375				7				0				3622	

6-year project list

Project Title Map B Rank # 4 Yelm Highway and Meridian Rd Intersection Improvements	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's								
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 0.200 Mile Road Log #: 15725 Beg MP: 8.700 End MP: 8.900 Funding Detail: Est. Total Cost: \$3,500,000 Fully Funded: Yes Other Project Information: CP #: 61318 FFC: 14 Comm. Dist. 1 & 2 Priority Group: CAP, HSIP FGC: T-3 TCCP Transportation Goals: 1, 2 and 3 Project Elements: A, B, D, F, G, J, K, L Improvement Type: 03 Enviro. Type: DCE	PLAN	182																	0	
	ENG	104																	0	
	ROW	384																	0	
	CON	2,635	10	CRF															10	
	Total	3,305	10		0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
Project Description: Construct a roundabout at the intersection of Yelm Hwy SE and Meridian Rd SE.			10				0				0				10					

Project Title Map B Rank # 5 Pacific Ave SE Pavement Preservation - (Lacey City Limits to Union Mills Rd SE)	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's								
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 0.795 Mile Road Log #: 13850 Beg MP: 3.528 End MP: 4.323 Funding Detail: Est. Total Cost: \$3,600,000 Fully Funded: Yes Other Project Information: CP #: 98408 FFC: 14 Comm. Dist. 2 Priority Group: PSRV FGC: T-2 TCCP Transportation Goals: 2 and 4 Project Elements: D Improvement Type: 05 Enviro. Type: DCE	PLAN	89																	0	
	ENG	112		83	NHS														83	
	ROW	50																	0	
	CON	0		1642	NHS														1642	
	Total	251	0	1725	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3263	
Project Description: Replace the top layer of existing pavement with fiber-reinforced asphalt.			1725				1621				0				3346					

Project Title Map B Rank # 6 Yelm Hwy SE Pavement Preservation - (Rich Rd SE to Lacey City Limits)	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's								
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 1.147 Mile Road Log #: 15725 Beg MP: 2.955 End MP: 4.102 Funding Detail: Est. Total Cost: \$4,100,000 Fully Funded: Yes Other Project Information: CP #: 98409 FFC: 14 Comm. Dist. 1 Priority Group: PSRV FGC: T-2 TCCP Transportation Goals: 1, 2, 3 and 4 Project Elements: D, G Improvement Type: 05 Enviro. Type: DCE	PLAN	89																	0	
	ENG	112		87	NHS														87	
	ROW	50																	0	
	CON	0		1691	NHS														1691	
	Total	251	0	1778	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3785	
Project Description: Replace the top layer of existing pavement with fiber-reinforced asphalt and upgrade the existing pedestrian facilities to ADA requirements.			1778				2094				0				3872					

6-year project list

Project Title Map C Rank # 7 Old Hwy 99 at Intersections of Sargent Rd and 201st Ave	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's								
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 0.029 Mile Road Log #: 13765 Beg MP: 2.315 End MP: 2.344 Funding Detail: Est. Total Cost: \$5,000,000 Fully Funded: Yes Other Project Information: CP #: 61548 FFC: 16 Comm. Dist. 3 Priority Group: CAP FGC: T-2 TCCP Transportation Goals: 1, 2 and 3 Project Elements: A, B, D, F, G, H, J, K, L Improvement Type: 03 Enviro. Type: DCE	PLAN	162	11	CRF	71	STBG													82	
	ENG	0	14	CRF	88	STBG													102	
	ROW	0	34	CRF	217	STBG													251	
	CON	0								677	CRF	2163	STBG			10	CRF		0	
	Total	162	59		376		0		0	677		2163		0	0	10		0	0	435
			435				445				2840				10				3730	
Project Description: Construct a roundabout at the intersection of Old Highway 99 SW and 201st Ave SW and a right-in right-out intersection treatment at the intersection of Old Hwy 99 SW and Sargent Rd SW.																				

Project Title Map D Rank # 8 Vail Rd SE Improvements Phase 2 (138th Ave SE to 153rd Ave SE)	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's								
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 1.480 Mile Road Log #: 15276 Beg MP: 1.760 End MP: 3.240 Funding Detail: Est. Total Cost: \$2,900,000 Fully Funded: Yes Other Project Information: CP #: 61450 FFC: 07 Comm. Dist. 2 Priority Group: CAP, HSIP FGC: T-3 TCCP Transportation Goals: 1, 2 and 4 Project Elements: A, B, D, K, L Improvement Type: 04 Enviro. Type: DCE	PLAN	84																	0	
	ENG	58																	0	
	ROW	318																	0	
	CON	2,379	5	CRF															5	
	Total	2,839	5		0		0		0	0		0		0		0		0	0	5
			5				0				0				0				5	
Project Description: Install paved shoulders, recoverable roadside slopes in adjacent swales, turn lanes, lighting at the Vail Rd SE and 153rd Ave SE intersection, and pavement upgrades.																				

Project Title Map B Rank # 9 Yelm Hwy SE Bridge Replacement (O-12)	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's								
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 0.000 Mile Road Log #: 15725 Beg MP: 6.058 End MP: 0.000 Funding Detail: Est. Total Cost: \$16,800,000 Fully Funded: No Other Project Information: CP #: 61309 FFC: 14 Comm. Dist. 1 Priority Group: BR, CAP FGC: T-3 TCCP Transportation Goals: 1, 2 and 3 Project Elements: A, B, D, F, G, L, M, P, S Improvement Type: 10 Enviro. Type: DCE	PLAN	131																	0	
	ENG	0												50	CRF				50	
	ROW	0																	0	
	CON	0																	0	
	Total	131	0		0		0		0	0		0		50		0		0	0	50
			0				0				0				50				50	
Project Description: Replace existing functionally obsolete bridge with a 4-5 lane bridge with bike lanes and sidewalks. Yelm Hwy SE approaches will be widened to 4-5 lanes with bike lanes and sidewalks.																				

6-year project list

Project Title Map B Rank # 10 Yelm Hwy and Spurgeon Crk Rd SE Intersection Improvements	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's								
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 0.200 Mile Road Log #: 15725 Beg MP: 7.353 End MP: 7.553 Funding Detail: Est. Total Cost: TBD Fully Funded: No Other Project Information: CP #: 61525 FFC: 14 Comm. Dist. 1 Priority Group: CAP, HSIP FGC: T-3 TCCP Transportation Goals: 1, 2 and 3 Project Elements: A, B, D, F, G, J, K, L, P Improvement Type: 03 Enviro. Type: DCE	PLAN	128																	0	
	ENG	0																		0
	ROW	0																		0
	CON	0																		0
	Total	128				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Project Description: Construct a roundabout at the intersection of Yelm Hwy SE and Spurgeon Creek Rd SE.			0				50				0				0				50	

Project Title Map C Rank # 11 US 12 Urban Improvements Phase 1 (Sargent Rd Intersection)	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total	
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's									
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other		
Project Limits: Length: NA Road Log #: STATE Beg MP: NA End MP: NA Funding Detail: Est. Total Cost: \$7,800,000 Fully Funded: Yes Other Project Information: CP #: 61502 FFC: STATE Comm. Dist. 3 Priority Group: CAP FGC: N/A TCCP Transportation Goals: 1 and 2 Project Elements: A, B, D, F, G, J, K, L Improvement Type: 01 Enviro. Type: DCE	PLAN	254																		0	
	ENG	470																			0
	ROW	336																			0
	CON	3,317	2088 CRF																		3467
	Total	4,377	1379 TIF																		3467
Project Description: Construct a single lane roundabout at the intersection of US 12 and Sargent Rd SW. Designed with the ability to expand in the future to two lanes on the east and west approaches.			3467				0				0				0				3467		

Project Title Map B Rank # 12 Marvin Rd Upgrade Phase 1 (22nd Ave to Union Mills Rd)	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total	
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's									
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other		
Project Limits: Length: 0.282 Mile Road Log #: 13195 Beg MP: 2.036 End MP: 2.318 Funding Detail: Est. Total Cost: \$9,600,000 Fully Funded: Yes Other Project Information: CP #: 61478 FFC: 16 Comm. Dist. 2 Priority Group: CAP, HSIP FGC: T-3 TCCP Transportation Goals: 1, 2 and 3 Project Elements: A, B, D, F, G, H, J, K, L, N, P Improvement Type: 03 Enviro. Type: DCE	PLAN	581																		0	
	ENG	491	175 TIF																		175
	ROW	1,457																			0
	CON	0	550 TIF		1407 TIB	1050 DEV				1287 CRF		1593 TIB		15 CRF							6878
	Total	2,529	725	0	1407	1050				2263	0	1593	0	15	0	0	0	0	0	0	7053
Project Description: Reconstruct roadway to provide 2 to 3 lanes, bike lanes, pedestrian refuge islands, planter strips, medians, sidewalks, lighting and drainage. Intersection improvements include a roundabout at 19th Ave SE and access control at Union Mills RD SE.			3182				3856				15				0				7053		

6-year project list

Project Title	Map	Rank #	13	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total
						Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
						Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Martin Way Corridor Study																						
Project Limits: Length: 2.720 Mile Road Log #: 13190 Beg MP: 3.480 End MP: 6.200				PLAN	23	5	CRF														5	
Funding Detail: Est. Total Cost: \$300,000 Fully Funded: Yes				ENG	0																0	
Other Project Information: CP #: 61337 FFC: 14 Comm. Dist. 2 Priority Group: HSIP FGC: T-2				ROW	0																0	
TCCP Transportation Goals: 1, 2 and 3				CON	0																0	
Project Elements: R				Total	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Improvement Type: 19 Enviro. Type: DCE				Project Description: Regional corridor study analyzing vehicle, pedestrian and bicycle traffic, as well as bus routes. Looking at potential traffic control and other factors to provide safe, efficient travel along the Martin Way SE corridor.																		

Project Title	Map	Rank #	14	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total
						Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
						Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Tilley Rd Bridge Replacement (T-2)																						
Project Limits: Length: 0.076 Mile Road Log #: 15065 Beg MP: 4.017 End MP: 4.093				PLAN	93																0	
Funding Detail: Est. Total Cost: \$3,500,000 Fully Funded: No				ENG	0	47	CRF	303	NHFP												350	
Other Project Information: CP #: 61547 FFC: 07 Comm. Dist. 1 & 3 Priority Group: BR FGC: T-3				ROW	0					20	CRF	130	NHFP								150	
TCCP Transportation Goals: 1, 2 and 4				CON	0																0	
Project Elements: A, B, D, L, M, S				Total	93	47	303	0	0	20	130	0	0	0	0	0	0	0	0	0	500	
Improvement Type: 11 Enviro. Type: DCE				Project Description: Replace existing functionally obsolete Tilley Rd Bridge (T-2) over Beaver Creek with concrete voided slab girder bridge.																		

Project Title	Map	Rank #	15	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total
						Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
						Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
2024 County Road Safety (HSIP)																						
Project Limits: Length: Varies Countywide Beg MP: Varies End MP: Varies				PLAN	8																0	
Funding Detail: Est. Total Cost: \$2,900,000 Fully Funded: Yes				ENG	183		90	HSIP													120	
Other Project Information: CP #: 61546 FFC: Varies Comm. Dist. 1, 2, & 3 Priority Group: HSIP FGC: Varies				ROW	0		75	HSIP													110	
TCCP Transportation Goals: 1, 2 and 4				CON	0					2400	HSIP			60	HSIP						2460	
Project Elements: H, K, L, S, T				Total	191	0	165	0	0	0	2465	0	0	0	60	0	0	0	0	0	2690	
Improvement Type: 21 Enviro. Type: DCE				Project Description: Install improvements including signing, pavement markings, guardrails, and lighting. This aligns with Washington State's Target Zero plan to reduce fatal and serious injury collisions to zero by the year 2030.																		

6-year project list

Project Title	Map	Rank #	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total									
					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's													
					Local	Federal	State	Other	2023 Total	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State		Other								
Old Hwy 99 & Tilley Rd Intersection Improvements	Map C	Rank # 16																												
Project Limits: Length: 0.200 Mile Road Log #: 13765 Beg MP: 6.910 End MP: 7.110					PLAN	60															0									
Funding Detail: Est. Total Cost: \$1,800,000 Fully Funded: No					ENG	41															0									
Other Project Information: CP #: 61317 FFC: 16 Comm. Dist. 3 Priority Group: CAP, HSIP FGC: T-2					ROW	0															0									
TCCP Transportation Goals: 1, 2 and 4					CON	0	176	CRF						189	CRF		131	CRF		1181	RAP	10	CRF	1687						
Project Elements: A, B, D, K, L, T					Total	101	176		0	0	0	0	189		0	0	131		1181		10		0	0	0	1687				
Improvement Type: 03 Enviro. Type: DCE							176						189						1312						10					1687
Project Description: Widen and reconstruct roadway to provide additional turning lanes, illumination, and drainage.																														

Project Title	Map	Rank #	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total				
					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's								
					Local	Federal	State	Other	2023 Total	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State		Other			
Evergreen Pkwy & Mud Bay Rd Interchange Improvements	Map A	Rank # 17																							
Project Limits: Length: 0.129 Mile Road Log #: 13476 Beg MP: 0.974 End MP: 1.103					PLAN	202																0			
Funding Detail: Est. Total Cost: \$4,500,000 Fully Funded: No					ENG	0	60	CRF														60			
Other Project Information: CP #: 61161 FFC: 14 Comm. Dist. 3 Priority Group: CAP, HSIP FGC: T-3					ROW	0																0			
TCCP Transportation Goals: 1, 2 and 3					CON	0																0			
Project Elements: A, B, D, F, G, J, K, L, P					Total	202	60		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
Improvement Type: 03 Enviro. Type: DCE							60						0						0						60
Project Description: Construct two roundabouts at the intersections of Mud Bay Rd NW and the Evergreen Parkway NW off-ramps.																									

Project Title	Map	Rank #	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total				
					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's								
					Local	Federal	State	Other	2023 Total	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State		Other			
Complete Streets ADA Program 1 - Pedestrian Crossing Improvements	Map N/A	Rank # 18																							
Project Limits: Length: 0.000 Mile Road Log #: 15725 Beg MP: 0.000 End MP: 0.000					PLAN	0																0			
Funding Detail: Est. Total Cost: \$600,000 Fully Funded: Yes					ENG	0			100	TIB												100			
Other Project Information: CP #: 64004 FFC: 14 Comm. Dist. 1 & 2 Priority Group: PB FGC: T-2					ROW	0																0			
TCCP Transportation Goals: 1, 2 and 3					CON	0					500	TIB										500			
Project Elements: F, G, L					Total	-	0		0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	100	
Improvement Type: 28 Enviro. Type: DCE							100						500						0						600
Project Description: Construct ADA accessible crossings through the installation of pedestrian refuge islands, by improving curb ramps and improving sidewalks along Yelm Highway SE and Martin Way E.																									

6-year project list

Project Title	Map	Rank #	19	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total
						Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
						Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Pacific Avenue Safety																						
Project Limits: Length: 0.665 Mile Road Log #: 13850 Beg MP: 3.528 End MP: 4.193				PLAN	38																	0
Funding Detail: Est. Total Cost: \$900,000 Fully Funded: Yes				ENG	79																	0
Other Project Information: CP #: 61518 FFC: 14 Comm. Dist. 2 Priority Group: HSIP FGC: T-2				ROW	24																	0
TCCP Transportation Goals: 1, 2, 3 and 4				CON	689	15	CRF															15
Project Elements: F, G, L				Total	830	15		0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Improvement Type: 28 Enviro. Type: DCE				Project Description: Construct ADA accessible crossings through the installation of pedestrian refuge islands, by improving curb ramps and improving sidewalks along Pacific Ave.																		

Project Title	Map	Rank #	20	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total	
						Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's					
						Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other		
Black Lake Belmore RD Bridge Approach Repair																							
Project Limits: Length: 0.152 Mile Road Log #: 10400 Beg MP: 1.438 End MP: 1.590				PLAN	0																		0
Funding Detail: Est. Total Cost: \$3,000,000 Fully Funded: Yes				ENG	120																		0
Other Project Information: CP #: 77175 FFC: 16 Comm. Dist. 3 Priority Group: BR FGC: T-3				ROW	0																		0
TCCP Transportation Goals: 1, 2 and 4				CON	0	2500	REET																2910
Project Elements: A, D, M, S				Total	120	2910	410	CRF		0	0	0	0	0	0	0	0	0	0	0	0	0	2910
Improvement Type: 14 Enviro. Type: DCE				Project Description: Construct a timber pile embankment to support roadway and bridge approach slabs from future settlement.																			

Project Title	Map	Rank #	21	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total		
						Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's						
						Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other			
Thurston County Mobility Strategy																								
Project Limits: Length: Varies Countywide Beg MP: Varies End MP: Varies				PLAN	222	17	CRF	108	STBG															130
Funding Detail: Est. Total Cost: \$300,000 Fully Funded: Yes				ENG	0																		0	
Other Project Information: CP #: 61522 FFC: Varies Comm. Dist. 1, 2, & 3 Priority Group: CAP FGC: Varies				ROW	0																		0	
TCCP Transportation Goals: 1 and 2				CON	0																		0	
Project Elements: R				Total	222	17		108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	130	
Improvement Type: 19 Enviro. Type: DCE				Project Description: Study to assess the future traffic capacity of rural county roads and identify strategies to lessen the impact of increasing traffic volumes.																				

6-year project list

Project Title Map D Rank # 22 Thompson Creek RD SE at Thompson Creek Fish Passage	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's								
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 0.076 Mile Road Log #: 15005 Beg MP: 2.609 End MP: 2.685 Funding Detail: Est. Total Cost: \$2,157,000 Fully Funded: Yes Other Project Information: CP #: 63025 FFC: 09 Comm. Dist. 1 Priority Group: FP FGC: T-5 TCCP Transportation Goals: 1, 2 and 10 Project Elements: A, B, C, M Improvement Type: 11 Enviro. Type: DCE	PLAN	92																	0	
	ENG	80	40	REET															40	
	ROW	35	10	REET															10	
	CON	0	1518	REET															1518	
	Total	207	1568		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1568	
Project Description: Replace a culvert identified as a barrier to fish passage with a structure that meets current fish passage requirements. Perform roadway repairs as required by the culvert replacement.																				

Project Title Map C Rank # 23 Sargent RD SW - US 12 to Old Hwy 99 SW (South Grand Mound UGA Improvements)	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's								
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 0.413 Mile Road Log #: 14420 Beg MP: 0.000 End MP: 0.413 Funding Detail: Est. Total Cost: \$4,000,000 Fully Funded: No Other Project Information: CP #: 61507 FFC: 17 Comm. Dist. 3 Priority Group: CAP FGC: T-4 TCCP Transportation Goals: 1, 2 and 3 Project Elements: A, B, D, F, G, K, L, P Improvement Type: 04 Enviro. Type: DCE	PLAN	384																	0	
	ENG	31	10	CRF															10	
	ROW	36																	0	
	CON	0																	0	
	Total	451	10		0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
Project Description: Widen and rehabilitate existing roadway, and construct urban improvements such as lighting, sidewalks, and bike lanes.																				

Project Title Map B Rank # 24 Old Pacific HWY/Kuhlman RD Intersection Improvements	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's								
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 0.076 Mile Road Log #: 13755 Beg MP: 2.717 End MP: 2.793 Funding Detail: Est. Total Cost: TBD Fully Funded: No Other Project Information: CP #: 61553 FFC: 16 Comm. Dist. 2 Priority Group: CAP FGC: T-2 TCCP Transportation Goals: 1 and 2 Project Elements: R Improvement Type: 19 Enviro. Type: DCE	PLAN	150	20	CRF															20	
	ENG	0																	0	
	ROW	0																	0	
	CON	0																	0	
	Total	150	20		0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	
Project Description: Conduct a traffic alternatives study to determine intersection improvements at Old Pacific Hwy SE and Kuhlman Rd SE.																				

6-year project list

Project Title	Map	Rank #	25	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total			
						Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's							
						Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other				
183rd Ave Phase 1 - (US 12 to Sargent Rd)																									
Project Limits: Length: 1.710 Mile Road Log #: 16125 Beg MP: 6.000 End MP: 7.710						PLAN	101															0			
Funding Detail: Est. Total Cost: \$3,400,000 Fully Funded: Yes						ENG	0	15	CRF			135	RAP									150			
Other Project Information: CP #: 61348 FFC: 17 Comm. Dist. 3 Priority Group: CAP FGC: T-3						ROW	0	50	CRF													50			
TCCP Transportation Goals: 1, 2 and 4						CON	0														0				
Project Elements: A, B, D, S, T						Total	101	65		0		135		0			754	0	1465		2	8	0	0	2706
Improvement Type: 04 Enviro. Type: DCE								200				807				2219				10				3236	
Project Description: Widen and rehabilitate pavement, pave and widen shoulders, remove obstructions in the clear zone, and replace bridge approach guardrail.																									

Project Title	Map	Rank #	26	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total		
						Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's						
						Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other			
Country Club Road NW at Green Cove Creek Culvert Replacement																								
Project Limits: Length: 0.038 Mile Road Log #: 10975 Beg MP: 0.000 End MP: 0.038						PLAN	259																0	
Funding Detail: Est. Total Cost: \$8,744,000 Fully Funded: No						ENG	135	97	CRF			150	SSWU										247	
Other Project Information: CP #: 63023 FFC: 19 Comm. Dist. 3 Priority Group: CLVT FGC: N/A						ROW	0	403	CRF														403	
TCCP Transportation Goals: 1, 2 and 10						CON	0															0		
Project Elements: A, B, D, M						Total	394	500		0		0	150		1340	2000	REET	10	CRF					7700
Improvement Type: 08 Enviro. Type: DCE								650				7690				10				0				8350
Project Description: Replace a culvert that previously failed. A emergency slipline was performed in November 2021 to protect the roadway and maintain creek flows. A new structure is needed that meets current fish passage requirements and will maintain road access.																								

Project Title	Map	Rank #	27	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total							
						Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's											
						Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other								
Countywide Electrical Services Project (HSIP)																													
Project Limits: Length: Varies Countywide Beg MP: Varies End MP: Varies						PLAN	84																0						
Funding Detail: Est. Total Cost: \$1,600,000 Fully Funded: Yes						ENG	0		100	HSIP													100						
Other Project Information: CP #: 61550 FFC: Varies Comm. Dist. 1, 2, & 3 Priority Group: HSIP FGC: Varies						ROW	0																0						
TCCP Transportation Goals: 1 and 2						CON	0							90	CRF	810	HSIP		45	CRF	405	HSIP		1350					
Project Elements: H, K						Total	84	0		100		0	0		90		876		0	0	45		405		0	0	0	0	1516
Improvement Type: 21 Enviro. Type: DCE								100				966				450				0									
Project Description: Provide street lighting and channelization improvements at several locations throughout the county.																													

6-year project list

Project Title Map A Rank # 28 Cooper RD SW at Mox Chehalis Creek Culvert Replacement	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 0.076 Mile Road Log #: 10930 Beg MP: 0.066 End MP: 0.142 Funding Detail: Est. Total Cost: \$800,000 Fully Funded: No Other Project Information: CP #: 61554 FFC: 9 Comm. Dist. 3 Priority Group: CLVT FGC: N/A TCCP Transportation Goals: 1, 2, 3 and 10 Project Elements: A, B, D, O, S Improvement Type: 04 Enviro. Type: DCE	PLAN	85																	0	
	ENG	30	60	CRF															60	
	ROW	35	10	CRF															10	
	CON	0	570	CRF															570	
	Total	150	640		0	0	0	0	10	0	0	0	0	0	0	0	0	0	640	
Project Description:			Replace a culvert that previously failed. A emergency road closure was implemented in January 2022 to protect the public. A new structure is needed that meets current fish passage requirements and will re-establish road access.																	

Project Title Map C Rank # 29 Elderberry St SW Upgrade (US 12 to 196th Ave)	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 0.137 Mile Road Log #: 11345 Beg MP: 0.000 End MP: 0.137 Funding Detail: Est. Total Cost: TBD Fully Funded: No Other Project Information: CP #: 61520 FFC: 17 Comm. Dist. 3 Priority Group: CAP FGC: T-3 TCCP Transportation Goals: 1, 2 and 3 Project Elements: R Improvement Type: 19 Enviro. Type: DCE	PLAN	0					150	CRF											150	
	ENG	0																	0	
	ROW	0																	0	
	CON	0																	0	
	Total	-	0	0	0	0	0	150	0	0	0	0	0	0	0	0	0	0	150	
Project Description:			Conduct a traffic alternative study to determine intersection improvements and upgrades to the existing roadway and pedestrian/bicycle facilities.																	

Project Title Map B Rank # 30 Pleasant Glade Elementary Pedestrian Improvements (SRTS)	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 0.379 Mile Road Log #: 10020 Beg MP: 0.000 End MP: 0.379 Funding Detail: Est. Total Cost: \$1,600,000 Fully Funded: Yes Other Project Information: CP #: 61523 FFC: 19 Comm. Dist. 1 Priority Group: SRTS FGC: N/A TCCP Transportation Goals: 1, 2 and 3 Project Elements: F, G, K, L Improvement Type: 28 Enviro. Type: DCE	PLAN	5					3	CRF	27	SRTS									30	
	ENG	0	15	CRF	135	SRTS													150	
	ROW	0	22	CRF	200	SRTS													222	
	CON	0					97	CRF	873	SRTS		5	CRF						975	
	Total	5	37		335	0	0	123		1105	0	0	5	0	0	0	0	0	372	
Project Description:			Construct new sidewalk, ADA ramps, and other features that will improve safety concerns for children who walk to school.																	

6-year project list

Project Title	Map	B	Rank #	31	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total
							Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
							Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Marvin RD Extension																							
Project Limits: Length: TBD Road Log #: 13195 Beg MP: TBD End MP: TBD					PLAN	0													25	CRF			25
Funding Detail: Est. Total Cost: TBD Fully Funded: No					ENG	0																	0
Other Project Information: CP #: TBD FFC: N/A Comm. Dist. 2 Priority Group: CAP FGC: N/A					ROW	0																	0
TCCP Transportation Goals: 2					CON	0																	0
Project Elements: R					Total	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Improvement Type: 19 Enviro. Type: DCE							0				0				25					25			
Project Description: Study to examine potential extensions of Marvin Rd SE between 58th Ave SE and Yelm Highway SE.																							

Project Title	Map	B	Rank #	32	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total
							Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
							Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Marvin RD Upgrade Phase 3 (Union Mills RD to Pacific AVE)																							
Project Limits: Length: 0.562 Mile Road Log #: 13195 Beg MP: 2.318 End MP: 2.880					PLAN	15																	0
Funding Detail: Est. Total Cost: \$5,000,000 Fully Funded: No					ENG	71													50	CRF			50
Other Project Information: CP #: 61552 FFC: 16 Comm. Dist. 2 Priority Group: CAP FGC: T-3					ROW	15																	0
TCCP Transportation Goals: 1, 2 and 3					CON	0																	0
Project Elements: A, B, D, F, G, H, K, L, N, P					Total	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Improvement Type: 03 Enviro. Type: DCE							0				0				50					50			
Project Description: Reconstruct roadway to provide 2 to 3 lanes, bike lanes, pedestrian refuge islands, planter strips, medians, sidewalks, lighting, and drainage.																							

Project Title	Map	A	Rank #	33	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total
							Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
							Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Steamboat Island RD Bridge Rail and Pile Cap Repair																							
Project Limits: Length: 0.135 Mile Road Log #: 14810 Beg MP: 8.873 End MP: 9.008					PLAN	0																	0
Funding Detail: Est. Total Cost: \$300,000 Fully Funded: Yes					ENG	256																	0
Other Project Information: CP #: 98012 FFC: 09 Comm. Dist. 3 Priority Group: BR FGC: N/A					ROW	0																	0
TCCP Transportation Goals: 1, 2 and 4					CON	0	10	CRF															10
Project Elements: S					Total	256	10		0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Improvement Type: 14 Enviro. Type: DCE							10				0				0					10			
Project Description: Replace guardrail and rehabilitate pile caps.																							

6-year project list

Project Title	Map	Rank #	34	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total
						Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
						Local	Federal	State	Other	2023 Total	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	
Shawn DR SW at UNT to Dempsey Creek Fish Passage																						
Project Limits: Length: 0.076 Mile Road Log #: 14545 Beg MP: 0.076 End MP: 0.152				PLAN	66																	0
Funding Detail: Est. Total Cost: \$1,800,000 Fully Funded: Yes				ENG	0					50	REET											50
Other Project Information: CP #: 63024 FFC: 09 Comm. Dist. 3 Priority Group: FP FGC: N/A				ROW	0					20	REET											20
TCCP Transportation Goals: 1, 2 and 10				CON	0							50	SRFB	1554	CRF			10	CRF			1614
Project Elements: A, B, D, M				Total	66	0	0	0	0	70	0	50	0	1554	0	0	0	10	0	0	0	1684
Improvement Type: 08 Enviro. Type: DCE						0				120				1554				10				
Project Description: Replace a culvert identified as a barrier to fish passage with a structure that meets current fish passage requirements. Perform roadway repairs as required by the culvert replacement.																						

Project Title	Map	Rank #	35	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total
						Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
						Local	Federal	State	Other	2023 Total	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	
196th AVE SW - Sargent RD SW to Elderberry ST SW																						
Project Limits: Length: 0.382 Mile Road Log #: 16175 Beg MP: 8.671 End MP: 9.053				PLAN	0	150	CRF															150
Funding Detail: Est. Total Cost: TBD Fully Funded: No				ENG	0																	0
Other Project Information: CP #: TBD FFC: 17 Comm. Dist. 3 Priority Group: CAP FGC: T-2				ROW	0																	0
TCCP Transportation Goals: 1, 2 and 3				CON	0																	0
Project Elements: A, B, D, F, G, K, L, P				Total	-	150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	150
Improvement Type: 04 Enviro. Type: DCE						150				0				0				0				
Project Description: Widen and rehabilitate existing roadway, and construct urban improvements such as lighting, sidewalks, and bike lanes.																						

Project Title	Map	Rank #	36	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total
						Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
						Local	Federal	State	Other	2023 Total	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	
113th Ave SW (SR 121/Tilley Rd S to McCorkle Rd SE)																						
Project Limits: Length: 1.220 Mile Road Log #: 15805 Beg MP: 14.000 End MP: 15.220				PLAN	0																	0
Funding Detail: Est. Total Cost: \$2,000,000 Fully Funded: No				ENG	98																	0
Other Project Information: CP #: TBD FFC: 07 Comm. Dist. 1 & 3 Priority Group: CAP FGC: T-3				ROW	0																	0
TCCP Transportation Goals: 1, 2 and 3				CON	0													10	CRF			10
Project Elements: A, B, D, F, G, K, L, N, P				Total	98	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10
Improvement Type: 04 Enviro. Type: DCE						0				0				0				10				
Project Description: Widen/rehabilitate pavement, construct bicycle lanes and sidewalks, improve drainage, lighting, and pedestrian safety. Incorporates sustainable features such as rain gardens.																						

6-year project list

Project Title	Map	Rank #	37	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total
						Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
						Local	Federal	State	Other	2023 Total	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	
Rochester Main Street Improvements (US 12)																						
Project Limits: Length: 0.000 Mile Road Log #: N/A Beg MP: 0.000 End MP: 0.000				PLAN	0																	0
Funding Detail: Est. Total Cost: TBD Fully Funded: No				ENG	0										50	CRF						50
Other Project Information: CP #: 48310 FFC: Comm. Dist. 3 Priority Group: PB, SRTS FGC: T-2				ROW	0																	0
TCCP Transportation Goals: 1, 2 and 3				CON	0																	0
Project Elements: A, B, D, F, G, K, L, N, P				Total	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Improvement Type: 03 Enviro. Type: DCE						0				0				50				50				
Project Description: Reconstruct roadway to provide 2 to 3 lanes with intersection improvements, bike lanes, pedestrian refuge islands, planter strips, medians, sidewalks, lighting, and drainage.																						

Project Title	Map	Rank #	38	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total
						Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
						Local	Federal	State	Other	2023 Total	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	
Local Road Safety Plan																						
Project Limits: Length: Varies Countywide Beg MP: Varies End MP: Varies				PLAN	0					20	CRF											40
Funding Detail: Est. Total Cost: TBD Fully Funded: Yes				ENG	0																	0
Other Project Information: CP #: 61491 FFC: Varies Comm. Dist. 1, 2, & 3 Priority Group: HSIP FGC: Varies				ROW	0																	0
TCCP Transportation Goals: 1, 2 and 3				CON	0																	0
Project Elements: A, B, D, F, G, K, L, N, P				Total	-	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	20
Improvement Type: 21 Enviro. Type: DCE						0				20				20				40				
Project Description: Update the current Local Road Safety Plan to keep it relevant for future grant opportunities.																						

Project Title	Map	Rank #	39	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total
						Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
						Local	Federal	State	Other	2023 Total	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	
McCorkle Rd SE (113th Ave SW to Old Hwy 99)																						
Project Limits: Length: 1.358 Mile Road Log #: 13229 Beg MP: 0.000 End MP: 1.358				PLAN	0																	0
Funding Detail: Est. Total Cost: \$2,000,000 Fully Funded: No				ENG	98																	0
Other Project Information: CP #: TBD FFC: 07 Comm. Dist. 1 & 3 Priority Group: CAP FGC: T-3				ROW	0																	0
TCCP Transportation Goals: 1, 2 and 3				CON	0																	10
Project Elements: A, B, D, F, G, K, L, N, P				Total	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Improvement Type: 04 Enviro. Type: DCE						0				0				10				10				
Project Description: Widen/rehabilitate pavement, construct bicycle lanes and sidewalks, improve drainage, lighting, and pedestrian safety. Incorporates sustainable features such as rain gardens.																						

6-year project list

Project Title Map C Rank # 40 Rochester-Grand Mound Trail Feasibility Study	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 0.000 Mile Road Log #: N/A Beg MP: 0.000 End MP: 0.000	PLAN	107	8	CRF	58	STBG			5	CRF									71	
Funding Detail: Est. Total Cost: \$150,000 Fully Funded: Yes	ENG	0																	0	
Other Project Information: CP #: 61527 FFC: N/A Comm. Dist. 3 Priority Group: PB FGC: N/A	ROW	0																	0	
TCCP Transportation Goals: 1, 2 and 3	CON	0																	0	
Project Elements: R	Total	107	8		58		0	0	5		0	0	0	0	0	0	0	0	71	
Improvement Type: 19 Enviro. Type: DCE	Project Description: Study to examine potential trail connections between Rochester and Grand Mound as the next step outlined in the 2007 Regional Trails Plan.																			

Project Title Map B Rank # 41 Steilacoom Rd Improvements Phase 1 (Pacific Ave NE to SR 510)	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 0.492 Mile Road Log #: 14830 Beg MP: 0.042 End MP: 0.534	PLAN	556																	0	
Funding Detail: Est. Total Cost: \$3,000,000 Fully Funded: No	ENG	0												50	CRF				50	
Other Project Information: CP #: 61461 FFC: 16 Comm. Dist. 2 Priority Group: SRTS, CAP FGC: T-3	ROW	0																	0	
TCCP Transportation Goals: 1, 2 and 3	CON	0																	0	
Project Elements: A, B, D, F, G, K, L, N, P	Total	556	0		0		0	0	0		0	0	0	50		0	0	0	50	
Improvement Type: 04 Enviro. Type: DCE	Project Description: Widen and rehabilitate pavement, provide bike lanes and sidewalks on both sides of the road, improve lighting, drainage, and pedestrian safety. Sustainable features such as rain gardens will be incorporated.																			

Project Title Map C Rank # 42 Old Hwy 99 Rural Capacity Project (US 12 to S UGA Boundary)	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Project Limits: Length: 0.000 Mile Road Log #: 13765 Beg MP: 0.000 End MP: 0.000	PLAN	0												50	CRF				50	
Funding Detail: Est. Total Cost: \$8,000,000 Fully Funded: No	ENG	0																	0	
Other Project Information: CP #: 61497 FFC: 16 Comm. Dist. 3 Priority Group: CAP FGC: T-2	ROW	0																	0	
TCCP Transportation Goals: 1, 2 and 3	CON	0																	0	
Project Elements: A, D, F, G, K, L, P	Total	-	0		0		0	0	0		0	0	0	50		0	0	0	50	
Improvement Type: 03 Enviro. Type: DCE	Project Description: Construct a travel lane in each direction with turn lanes or medians. Other improvements will include shared use paths, sidewalks, midblock crossing, street lights, and bike lanes.																			

6-year project list

Project Title Map N/A Rank # 43	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's								
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Trail Enhancement Study Project Limits: Length: 0.000 Mile Countywide Beg MP: 0.000 End MP: 0.000 Funding Detail: Est. Total Cost: \$200,000 Fully Funded: No Other Project Information: CP #: 61543 FFC: N/A Comm. Dist. 1, 2, & 3 Priority Group: HISP FGC: N/A TCCP Transportation Goals: 1, 2 and 3 Project Elements: R Improvement Type: 19 Enviro. Type: DCE	PLAN	0																	0	
	ENG	0																	0	
	ROW	0																	0	
	CON	0																	0	
	Total	-		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Project Description: Study to develop an inventory for all Thurston County trail crossings, recommend and prioritize low-cost crossing improvements and develop trail standards for different crossing priorities.																				

Project Title Map B Rank # 44	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's								
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Pacific AVE SE/Steilacoom RD SE/Union Mills RD SE Intersection Improvements Project Limits: Length: 0.055 Mile Road Log #: 13850 Beg MP: 4.328 End MP: 4.383 Funding Detail: Est. Total Cost: TBD Fully Funded: No Other Project Information: CP #: TBD FFC: 14 Comm. Dist. 2 Priority Group: CAP, HISP FGC: T-2 TCCP Transportation Goals: 1, 2 and 3 Project Elements: R Improvement Type: 19 Enviro. Type: DCE	PLAN	0												50	CRF				50	
	ENG	0																	0	
	ROW	0																	0	
	CON	0																	0	
	Total	-		0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	50
Project Description: Conduct a traffic alternatives study to determine future intersection improvements at the intersections of Pacific Ave SE at Steilacoom Rd SE and Union Mills Rd SE.																				

Project Title Map C Rank # 45	Project Phase	Prior Expend.	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total
			Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's								
			Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other	
Fir Tree RD SE/Rainier RD SE Intersection Improvements Project Limits: Length: 0.000 Mile Road Log #: 14115 Beg MP: 0.000 End MP: 0.000 Funding Detail: Est. Total Cost: TBD Fully Funded: No Other Project Information: CP #: TBD FFC: 16 Comm. Dist. 1 Priority Group: CAP FGC: T-3 TCCP Transportation Goals: 1, 2 and 3 Project Elements: R Improvement Type: 19 Enviro. Type: DCE	PLAN	0							150	CRF									150	
	ENG	0																	0	
	ROW	0																	0	
	CON	0																	0	
	Total	-		0	0	0	0	0	0	150	0	0	0	0	0	0	0	0	0	150
Project Description: Reconstruct roadway to provide 2 to 3 lanes with intersection improvements, bike lanes, pedestrian refuge islands, planter strips, medians, sidewalks, lighting, and drainage.																				

6-year project list

Project Title	Map	Rank #	46	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total	
						Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's					
						Local	Federal	State	Other	2023 Total	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State		Other
Old Hwy 9 & Old Hwy 99																							
Project Limits: Length: 0.000 Mile Road Log #: 13765 Beg MP: 0.000 End MP: 0.000				PLAN	0																	0	
Funding Detail: Est. Total Cost: TBD Fully Funded: No				ENG	0																	0	
Other Project Information: CP #: TBD FFC: 16 Comm. Dist. 3 Priority Group: CAP FGC: T-2				ROW	0																	0	
TCCP Transportation Goals: 1, 2 and 3				CON	0																	0	
Project Elements: R				Total	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Improvement Type: 19 Enviro. Type: DCE						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	150
Project Description: Conduct a traffic alternative study to determine future intersection improvements at the intersection of Old Hwy 9 SW and Old Hwy 99 SW.																							

Project Title	Map	Rank #	47	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total	
						Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's					
						Local	Federal	State	Other	2023 Total	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State		Other
Kingham ST SE - 3rd AVE SE to Martin Way E Pedestrian Improvements																							
Project Limits: Length: 0.000 Mile Road Log #: 12600 Beg MP: 0.000 End MP: 0.000				PLAN	0	100	CRF																100
Funding Detail: Est. Total Cost: TBD Fully Funded: No				ENG	0																		0
Other Project Information: CP #: TBD FFC: 19 Comm. Dist. 2 Priority Group: PB FGC: N/A				ROW	0																		0
TCCP Transportation Goals: 1, 2 and 3				CON	0																		0
Project Elements: R				Total	-	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100
Improvement Type: 19 Enviro. Type: DCE						100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100
Project Description: Construct new sidewalk and ADA ramps to improve mobility along Kingham St.																							

Project Title	Map	Rank #	48	Project Phase	Prior Expend.	2023				2024				2025				2026-2028				2023-2028 Total	
						Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's					
						Local	Federal	State	Other	2023 Total	Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State		Other
Carpenter Road Pedestrian Improvement - Regional Transition Center																							
Project Limits: Length: 0.227 Mile Road Log #: 10690 Beg MP: 4.400 End MP: 4.627				PLAN	0																		0
Funding Detail: Est. Total Cost: \$350,000 Fully Funded: No				ENG	0	70	REET																70
Other Project Information: CP #: 61544 FFC: 14 Comm. Dist. 2 Priority Group: PB FGC: N/A				ROW	0	20	REET																20
TCCP Transportation Goals: 1, 2 and 3				CON	0	260	REET																260
Project Elements: F, G				Total	-	350	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	350
Improvement Type: 28 Enviro. Type: DCE						350	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	350
Project Description: This project includes installing an ADA compliant sidewalk from Martin Way bus stop next to Carpenter Rd. to the site of the new Regional Transition Center, north on Carpenter.																							

6-year program list

County Program Title	Project Phase	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total	
		Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's					
Americans with Disabilities Act (ADA) Program		Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other		
Program Limits (Length): Countywide Other Project Information: CP #: 64000 Comm. Dist. 1, 2, 3 Priority Group: ADA TCCP Transportation Goals: 3 Program Elements: B, F, G, K, L Improvement Type: 28 Enviro. Type: DCE	PLAN					0													0	
	ENG					0													0	
	ROW					0													0	
	CON	50 CRF					50	CRF				50	CRF			150	CRF			300
	Total		50	0	0	0	50		0	0	0	50	0	0	0	150	0	0	0	300
		50					50					150					300			
Program Description: This program prioritizes and performs curb ramp and sidewalk improvements to align with the Americans with Disabilities Act (ADA).																				

County Program Title	Project Phase	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total			
		Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's							
Fish Passage Enhancement Program		Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other				
Program Limits (Length): Countywide Other Project Information: CP #: 63006 Comm. Dist. 1, 2, 3 Priority Group: FP TCCP Transportation Goals: 1, 2, 4 and 5 Program Elements: A, B, D, S Improvement Type: 08 Enviro. Type: DCE	PLAN					0	350	REET												350		
	ENG					0	580	REET												580		
	ROW					0														0		
	CON	50 REET					50				2000	REET				6000	REET			8050		
	Total		50	0	0	0	50		930	0	0	0	0	0	2000	6000	0	0	0	8980		
		50					930					2000					6000					8980
Program Description: This program is for the identification of dedicated projects that improve fish passage conditions, including habitat restoration and removal of fish passage barriers.																						

County Program Title	Project Phase	2023				2023 Total	2024				2025				2026-2028				2023-2028 Total			
		Revenue Sources in \$1,000's					Revenue Sources in \$1,000's				Revenue Sources in \$1,000's				Revenue Sources in \$1,000's							
Road Preservation & Rehabilitation Program		Local	Federal	State	Other		Local	Federal	State	Other	Local	Federal	State	Other	Local	Federal	State	Other				
Program Limits (Length): Countywide Other Project Information: CP #: TBD Comm. Dist. 1, 2, 3 Priority Group: PRSV TCCP Transportation Goals: 1, 4 and 5 Program Elements: A, B, C, D, G, L Improvement Type: 05/06 Enviro. Type: DCE	PLAN					0														0		
	ENG	50 CRF				50	50	CRF			50	CRF								150		
	ROW					0														0		
	CON	1950 CRF 1000 REET					2950	4950	CRF			4950	CRF			18000	CRF	3000	REET	34850		
	Total		3000	0	0	0	3000		5000	0	0	0	0	0	6000	21000	0	0	0	35000		
		3000					5000					6000					21000					35000
Program Description: This program prioritizes and performs preservation and minor rehabilitation of various roadway surfaces to extend the life of road sections 10-20 years.																						

6-year program list

County Program Title Pedestrian & Bicycle Program
Program Limits (Length): Countywide
Other Project Information: Priority Group: PB Comm. Dist. 1, 2, 3
TCCP Transportation Goals: 1, 3
Program Elements: A, B, F, G, K, L, P
Improvement Type: 28 Enviro. Type: DCE
Program Description: This program prioritizes and performs projects that seek to improve conditions for biking and walking, and to protect and preserve community environment and character.

County Program Title Safe Routes to School Program
Program Limits (Length): Countywide
Other Project Information: Priority Group: SR Comm. Dist. 1, 2, 3
TCCP Transportation Goals: 1, 3
Program Elements: A, B, F, G, K, L
Improvement Type: 28 Enviro. Type: DCE
Program Description: This program prioritizes and performs projects that include new sidewalk, ADA ramps and other features that seek to improve safety for children who walk to school.

County Program Title Bridge Program
Program Limits (Length): Countywide
Other Project Information: Priority Group: BR Comm. Dist. 1, 2, 3
TCCP Transportation Goals: 1
Program Elements: A, B, D, F, G, H, K, L, M, R, S, T
Improvement Type: 08-14 Enviro. Type: DCE
Program Description: This program prioritizes and performs projects that keep bridges open and safe for public use. Projects could include bridge installment, enhancement and replacements. An annual Bridge Index Report is required

County Program Title County Road Safety Improvement Program
Program Limits (Length): Countywide
Other Project Information: Priority Group: HSIP Comm. Dist. 1, 2, 3
TCCP Transportation Goals: 1, 3
Program Elements: A, H, K, L, R, S, T, U
Improvement Type: 21 Enviro. Type: DCE
Program Description: This program prioritizes and performs projects that seek to align with the Washington State Target Zero plan, to reduce fatal and serious injury collisions to zero by the year 2030. Improvements include signing, pavement markings, guardrails, grading, lighting, studies and data collection.

County Program Title Culvert Program
Program Limits (Length): Countywide
Other Project Information: Priority Group: CLVT Comm. Dist. 1, 2, 3
TCCP Transportation Goals: 1, 3
Program Elements: A, B, D, L, M, S
Improvement Type: 08-14 Enviro. Type: DCE
Program Description: This program prioritizes and performs culvert improvement projects designed to install, enhance or rehabilitate county culverts.

County Program Title Roadway Capacity Program
Program Limits (Length): Countywide
Other Project Information: Priority Group: CAP Comm. Dist. 1, 2, 3
TCCP Transportation Goals: 1, 3, 4
Program Elements: A, B, D, F, G, H, K, L, S, T, U
Improvement Type: 08-14 Enviro. Type: DCE
Program Description: This program prioritizes and performs projects that seek to accommodate future traffic conditions and volume by enhancing intersections, widening roadways, and adding other urban improvements.

Chapter 7

20- year capacity transportation projects

Project listings

Thurston County must satisfy transportation-related planning and reporting requirements for various federal, state, regional, and local agencies. As these mandates have similar requirements but different project planning timeframes, Public Works aims to streamline how projects are chosen, prioritized, and reported, by creating a 1-year, 6-year, and 20-year listing of projects needed to maintain, preserve, and improve the county's transportation system.

20-Year Capacity Projects List

This chapter focuses on the county's 20-year list of projects, also known as the 2023-2042 Capacity Projects List. Capacity projects are transportation investments needed to support continued growth in Thurston County. This 20-year list is required by county code in order to collect Traffic Impact Fees and to qualify for certain state-issued grant funding opportunities. Capacity projects included in the 6-year plan are derived from this 20-year outlook.



2023-2042 Capacity Project List (20-year transportation plan)

Project Location	Project Description	Total Cost (2021 estimates)
Meridian Rd NE Martin Way E to Interstate 5	Widen to 2-3 lanes, urban improvements, shoulders.	\$2,500,000
Pacific Ave SE Union Mills Rd to SR 510	Phase I - widen road to 2-3 lanes, urban improvements, shoulders and intersection modifications at Steilacoom Rd.	\$5,000,000
Yelm Hwy SE & Meridian Rd SE Intersection Improvements	Install roundabout at intersection.	\$3,500,000
Marvin Rd SE Pacific Ave SE/SR 510 to Mullen Rd SE	Widen to 2-3 lanes, intersection modifications and urban improvements.	\$20,000,000
Steilacoom Rd SE Pacific Ave SE to Dutterow Rd SE	Widen to 2-3 lanes, shoulders and urban improvements.	\$20,000,000
Mullen Rd SE Timberline High School to Marvin Rd SE	Widen to 2-3 lanes, shoulders and urban improvements.	\$20,000,000
Yelm Hwy SE BNSF Crossing to Meridian Rd SE	Phase 1-3 Replace and widen Bridge O-12 at BNSF railroad crossing, roundabout at Spurgeon Creek Rd SE, corridor improvements between Spurgeon Creek Rd and conceptual Marvin Rd extension.	\$20,000,000
Carpenter Rd NE Martin Way E to 1,300 ft North of Martin Way E	Widen to 2-3 lanes, shoulders and urban improvements.	\$1,500,000
Old Pacific Hwy SE Reservation Rd SE to Nisqually River Bridge	Widen to 2-3 lanes, shoulders and urban improvements.	\$8,000,000
McCorkle Rd SE from 113th Ave SE to Old Hwy 99 SE and 113th Ave SE from SR 121 for McCorkle Rd SE	Rural Mobility Improvements include widening, geometrics, shoulders, and turn lanes if necessary.	\$5,000,000
Rich Rd SE Deschutes River to Normandy Rd SE	Rural Mobility Improvements include widening, geometrics, shoulders, turn lanes if necessary and bridge over Spurgeon Creek.	\$6,372,219
Rich Rd SE Rixie Rd SE to Yelm Hwy SE	Widen to 2-3 lanes, shoulders and urban improvements.	\$4,500,000
Yelm Hwy SE Capacity Project 5 Orvas Ct SE to Rich Rd SE	Widen to 4-5 lanes, access management, and urban improvements.	\$19,226,223
Old Hwy 99 SE Rich Rd SE to 500 ft South of Silverspot Dr SE	Widen to 2-3 lanes, shoulders and urban improvements.	\$2,500,000
Rainier Rd SE at Fir Tree Rd SE Intersection	Widen to 2-3 lanes, shoulders and intersection improvements.	\$5,000,000

2023-2042 Capacity Project List (20-year transportation plan)

Project Location	Project Description	Total Cost (2021 estimates)
Elderberry Rd SW US 12 to 196th Ave SW	Widen to 3 lanes, urban improvements, access management, intersection improvements at 196 th and US 12.	\$3,000,000
Old Highway 99 S & Tilley Rd S Intersection	Provide left turn lane on EB Old Hwy 99 and provide illumination, rural mobility improvements, potentially a roundabout.	\$1,500,000
Albany St SW James Rd SW to Littlerock Rd SW	Rural mobility improvements include widening, geometrics, shoulders, and turn lanes if necessary sidewalks.	\$2,500,000
183rd Ave SW Old Hwy 99 SW to SR 12	Rural mobility improvements include widening, geometrics, shoulders, intersection improvements, and turn lanes if necessary.	\$4,000,000
US 12 West UGA boundary to Old Hwy 99 SW	New US 12 Intersection at west UGA, and US 12/Old Hwy 99/Elderberry intersection improvements, additional EB lane, EB turn lane.	\$9,300,000
North Grand Mound UGA Improvements 196th Ave SW Sargent Rd SW to Elderberry St SW	Widen to 2-3 lanes, intersection modifications and urban improvements.	\$10,020,000
South Grand Mound UGA Improvements Sargent Rd SW US 12 to Old Hwy 99 SW	Widen to 2-3 lanes, intersection modifications and urban improvements.	\$2,930,000
US 12 & Elderberry/Old Hwy 99	Improve pedestrian right-of-way to decrease crossing times; implement a right-turn overlap phase for the NB approach.	\$200,000
Old Hwy 99 US 12 to Old Hwy 9	Develop a cross-section for Old Highway 99 that provides adequate vehicle capacity will providing separated space for bicyclists and pedestrians.	\$8,240,000
Old Hwy 99 at Intersections of Sargent Rd and 201st Ave	Combine the Sargent Road and 201st intersections with Old Highway 99 with a roundabout.	\$3,480,000
Old Hwy 9 & Old Hwy 99	Construct a traffic signal or roundabout at the intersection.	\$1,680,000
15th Ave NE & Draham St NE Sleater Kinney Rd NE to Carpenter Rd NE	Phase I - widen road to 2-3 lanes, urban improvements, shoulders and intersection improvements.	\$8,000,000
Johnson Pt Rd NE & Hawks Prairie Rd NE Intersection Improvements	Intersection improvements.	\$4,000,000
South Bay Rd NE 33rd Lane NE to Chehalis Western Trail	Widen to 2-3 lanes, intersection modifications and urban improvements.	\$6,000,000
Marvin Road NE & 56th Ave NE Intersection	Widen to 2-3 lanes, shoulders and intersection improvements.	\$3,000,000

2023-2042 Capacity Project List (20-year transportation plan)

Project Location	Project Description	Total Cost (2021 estimates)
Delphi Rd SW 62nd Ave SW to SR 101	Rural Mobility Improvements include widening, geometrics, shoulders, and turn lanes and if necessary.	\$10,000,000
Mud Bay Rd NW & Evergreen Pkwy NW Intersection	Intersection improvements at Evergreen Pkwy ramps and Mud Bay Rd.	\$2,500,000
Sexton Dr NW Steamboat Island Rd NW to 32nd Ave NW	Widen to 2-3 lanes, intersection modifications and urban improvements.	\$250,000
Bald Hill Rd SE Smith Prairie SE to Clear Lake Rd SE	Rural Mobility Improvements include widening, geometrics, shoulders, and turn lanes if necessary.	\$10,000,000
153rd Ave SE and Vail Rd SE Intersection Improvements	Intersection improvements.	\$2,000,000
Littlerock Rd & 113th Ave. SW Bridge and Intersection Improvements	Install left turn lane, lighting, replace Bridge L-5, realignment of 113th Ave SE.	\$3,500,000
Vail Rd Phase 2 153rd to 138th	Rural Mobility Improvements include widening, geometrics, shoulders, and turn lanes if necessary.	\$2,800,000
Vail Rd 138th to Bald Hill Rd	Rural Mobility Improvements include widening, geometrics, shoulders, and turn lanes if necessary.	\$960,338

Chapter 8

2022 Annual Bridge Report

Introduction

As required by Washington Administrative Code (WAC) 136-20-060, each county engineer in Washington State must submit a written report of findings to the legislative body concerning the county's annual bridge inspection effort. Before adoption of the annual budget, the Board of County Commissioners is required to adopt a six-year plan for transportation improvements. WAC 136-20-060 also requires that the resolution adopting the six-year plan state that this engineer's report with respect to deficient bridges was available to the board during preparation of the plan.

This report summarizes the County's 2021-2022 bridge program. The three main goals of the bridge program are:

1. Keep the bridges open and safe for public use.
2. Preserve the bridge infrastructure by having a formal bridge report filed containing the history of inspections and evaluations of the condition of each structure. This data can be used to maximize the useful life of bridges through active maintenance and rehabilitation.
3. Replace bridges with new structures when repair and rehabilitation are not feasible.

This report also contains a summary on bridges scheduled to be reconstructed or retrofitted in 2023 and 2024.

Program goal

Zero structurally deficient, functionally obsolete, or scour critical bridges in Thurston County.

Credits

This report was prepared by the Public Works bridge program. The bridge program is responsible for the inspection and reporting required by the Washington Administrative Code (WAC) but also for providing engineering services that are necessary for maintenance repairs, load ratings and scour evaluations. The bridge program reports directly to the County Engineer and is supported by federally certified bridge inspectors, engineers and other personnel.

Management & Inspection

Scott Lindblom

P.E., County Engineer

Matt Unzelman

P.E., Traffic Engineering and Operations Manager

Maintenance

Mike Lowman

Road Operations Manager

Inventory

Public Works has 147 county owned bridges in its bridge inventory. Three bridges, CW-6, G-2, and G-3 were constructed in 2021 and have been added to the bridge inventory as part of the fish passage program.

One of these three bridges, CW-6, qualifies as a National Bridge Inventory (NBI) reportable bridge. A bridge must be greater than 20' to be NBI reportable.

Public Works also has inter-local agreements to inspect two bridges for the City of Yelm and three bridges for the City of Tenino. However, the cities are required to complete any necessary maintenance on their bridges.

Five bridges owned and operated by railroads and one owned and operated by the Chehalis Indian Tribe require safety inspections per the Washington State Bridge Inspection Manual because they cross over a county road.

Seven bridges on the Chehalis Western Trail, four bridges on the Yelm-Tenino Trail and two bridges on the Gate Belmore Trail are included in the bridge inventory. Public Works is working toward incorporating other trail existing bridges into its inventory.



Thurston County Public Works inspects 103 NBI reportable bridges which are categorized by superstructure in the left figure.

Thurston County Public Works inspects 44 NBI non-reportable bridges which are categorized by superstructure in the figure above. These bridges are not eligible for federal replacement or rehabilitation funding.

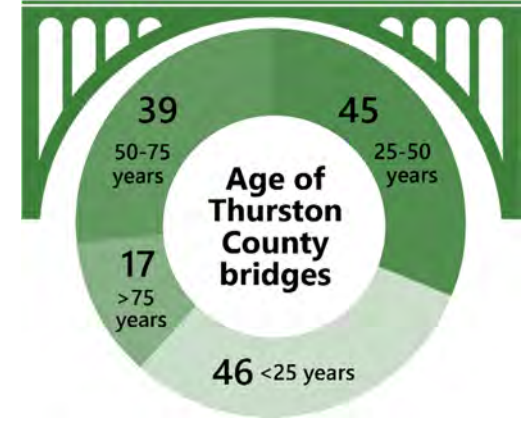


Inspections and findings

The National Bridge Inspection Standards (NBIS) and WAC 136-20-060 mandate that public agencies inspect and report on all bridges at least once every two years. Per these requirements, the County is required to document and report the current condition of each bridge, determine the degree of wear and deterioration, and recommend repairs or required service.

A total of sixty-nine routine bridge inspections were performed in 2021. Bridge inspectors evaluated bridge conditions and documented observable defects. If necessary, inspectors created repair work orders, coordinated with road operations crews to complete the work and then performed follow up inspections once the work had been completed. Some work items were

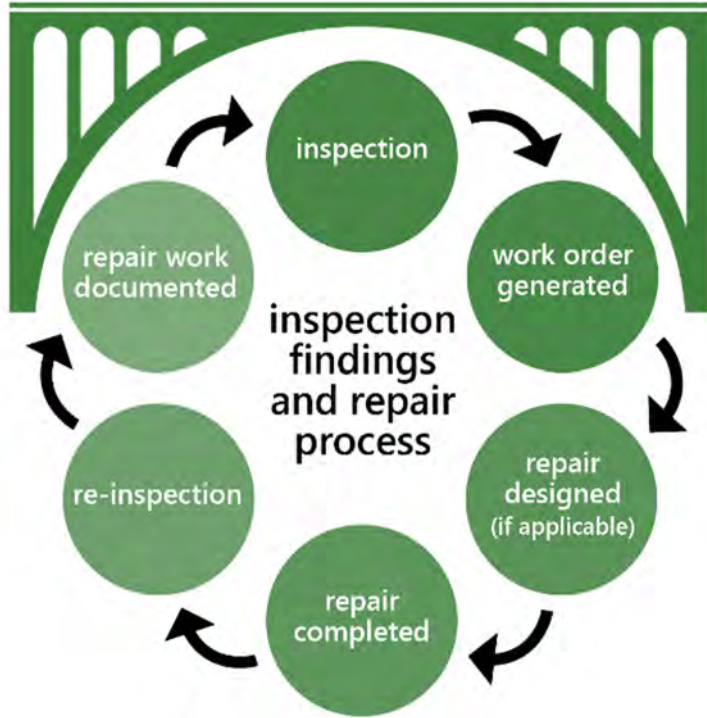
urgent and repaired quickly, while others were prioritized lower as longer-term maintenance items that will help preserve the service life of the bridge.



Several times each year, updated inspection reports are forwarded to the Washington State Department of Transportation (WSDOT) Local Programs which verifies compliance with the NBIS and reports to the Federal Highway Administration (FHWA). More frequent inspections and evaluations are completed on bridges determined in need of more frequent review due to their age, exposure, or condition. This program has served the citizens of Thurston County well because maintenance needs have been identified sufficiently early so that costs of repairs have remained relatively economical. However, maintenance needs and costs are continuing to increase due to the aging bridge inventory.

Seventeen bridges in the bridge inventory have exceeded their theoretical design life of seventy-five years. Ten of these bridges were built in the 1920s or earlier and four of them have a similar design as Salmon Creek Bridge (L-4) on Littlerock Road that was replaced in 2014. These four bridges are more frequently inspected due to the suspected lack of steel reinforcement in the

superstructure or substructure. More frequent inspections are also completed on the Tilley Road (T-2), Holmes Island (H-3), Mays Road (M-17), McLane Delphi (MC-7), Nisqually Cutoff Bridge (N-1) and the Reeder Road (R-3) bridges due to their condition.



Load ratings

All load ratings meet the latest federal requirements (23 CFR 650) including the criteria for Special Hauling Vehicles (SHVs) and Emergency Vehicles (EVs). Two bridges are posted with weight restrictions:

- Yelm Hwy Bridge (O-12) – Weight restricted to 30 tons for 5 axles, 33 tons for 6 and 37 tons for 7 or more axles. Typical traffic will not be impacted.
- Holmes Island Road Bridge (H-3) – Weight restriction will only affect vehicles with 4 or more axles carrying heavy loads. Typical traffic will not be impacted.

Scour evaluations

The term “scour critical” is used to categorize bridge foundations in water where supporting material could be washed out by a flood event. Public Works reviewed and updated scour evaluations for all bridges in the inventory resulting in fifteen bridges being categorized as scour critical. Attached to this report is a map showing scour critical bridge locations.

Functionally obsolete (OB)

Functionally obsolete means that the deck geometry, load carrying capacity, clearance or approach roadway alignment has reduced the bridges ability to adequately meet the traffic demands. Functional obsolescence typically results from older bridge designs that are subject to increased traffic demands and are substandard structures as defined by the current bridge design codes. Thurston County currently owns nineteen functionally obsolete bridges.

Bridge Conditions

Agency	Number of Bridges	Scour Critical	Functionally Obsolete (FO)	Structurally Deficient (SD)
Thurston County	147	15	19	0
City of Tenino	3	0	2	0
City of Yelm	2	0	0	0
Railroad bridges	5	0	N/A	N/A
Chehalis Indian Tribe	1	0	N/A	N/A

Structurally deficient (SD)

Structurally deficient means that a bridge requires repair or replacement of a certain component. These components include bridge foundations, superstructures and decks. Being structurally deficient does not imply that the bridge is in danger of collapse or unsafe to the traveling public.

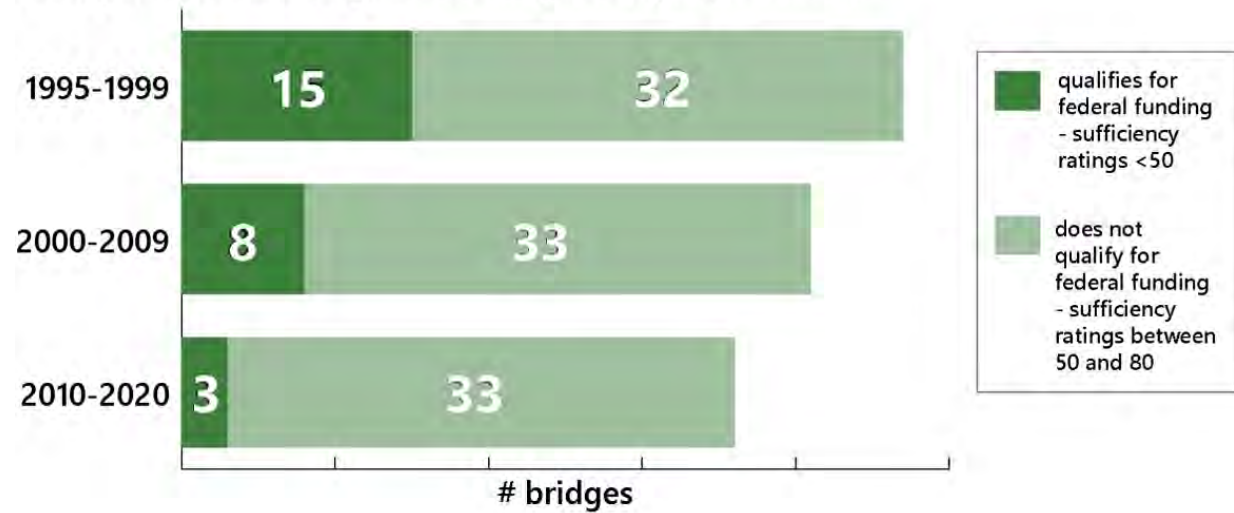
Sufficiency rating (SR)

Another measure that provides an overview of the condition of the inventory is a rating factor known as the Sufficiency Rating (SR). The SR of the entire inventory provides a comparative look at the health of the inventory from one year to next. The SR is a score calculated for each bridge using a multitude of ratings the inspector assigns to the bridge, based on the condition of the various components of the bridge. The geometric layout, safety, and importance of the bridge to the traveling public is also factored into the SR. The SR ranges from zero (a bridge that is closed and cannot carry traffic loads) to 100 (a new bridge with no deficiencies).

The following table is a summary of sufficiency ratings for all inspected bridges excluding pedestrian and railroad owned bridges. Federal bridge replacement and rehabilitation funding eligibility is determined by sufficiency rating. A bridge with a sufficiency rating below fifty qualifies for federal bridge replacement funding, while a bridge with a sufficiency rating below eighty and above fifty qualifies for federal rehabilitation funding. In addition to the sufficiency rating requirements the bridges must also be longer than twenty feet to qualify for federal funding.

A sufficiency rating of eighty or above does not qualify for federal funding. Currently the Yelm Hwy (O-12) and Holmes Island bridges (H-3) are the only bridges with sufficiency ratings less than fifty.

Comparison of average sufficiency ratings by decade.



Completed repairs

Repairs/maintenances are completed as needed or scheduled to keep our bridges safe. Bridge repairs and maintenance in 2021 included guardrail replacement, bridge cleaning, log jam removal, brush removal, fence replacement, approach repairs, beaver dam removal, paving and more.

Upcoming repairs

Several bridge repairs are planned for 2022. These repairs include bridge approach reconstruction, scour repairs, crack repairs and brush removal. Approach reconstruction consists of excavating the bridge approaches and replacing with suitable backfill material that will prevent settlement. Scour repairs generally include placing rip rap material around piers or foundations to prevent material from washing downstream.

- **Steamboat Island Rd (S-7) bridge (CRP# 48262)** - This project will repair cracking and prevent delamination or spalling in the pile caps of the S-7 Bridge. The repair for the S-7 Bridge includes repairing cracks using high pressure epoxy grouting techniques. The design, permitting and construction of this repair is expected in 2022.



- **Hawks Prairie Bridge (H-1)** - This project includes replacing a steel bridge joint that has failed. A temporary speed reduction is in place at this location until the work can be completed. The repair includes completely removing and replacing the existing joint.



Planned bridge repairs in 2022

Bridge	Repair	Approx. Cost
Multiple Bridges	Approach Repair	\$ 10,000
Multiple Bridges	Small Repairs	\$ 15,000
Multiple Bridges	Brush Removal	\$ 10,000
Multiple Bridges	Bridge Cleaning	\$ 10,000
Multiple Bridges	HMA Crack Seal	\$ 1,500
Multiple Bridges	Guardrail Damage Repair	\$10,000

Completed construction

- **Nisqually Cutoff Bridge (N-1)**

This project repaired cracking and spalling on an intermediate bridge pier (Pier 2). A consultant designed a repair that included the installation of two steel channels to carry the load of the bridge. The work was completed in the summer of 2021.



- **Chehalis Western Trail Bridge at Spurgeon Creek (CW-6)**

This bridge was constructed in the summer of 2021 during the first phase of a fish passage enhancement project on Spurgeon Creek. The bridge is ninety feet long and carries trail users on the heavily trafficked Chehalis Western Trail. The next bridge on Latigo St SE located only seventy-five feet upstream will be installed in the summer of 2022. Image right, before construction. Image far right, after construction.



- **Gate Rd SW Bridge at Baker Creek (G-2)**

The Baker Creek bridge was another fish passage enhancement completed in the summer of 2021. The new twenty-eight foot long bridge replaced two thirty-inch diameter concrete culverts identified as barriers to fish passage. Image right, before construction. Image far right, after construction.



- **Gate Rd SW Culvert at Tributary to Mima Creek (G-3)**

The Mima Creek Tributary. culvert is located 700 feet northeast of the Baker Creek bridge. Both structures were constructed by the same contractor in the summer of 2021. The new eight-foot wide four-sided box concrete culvert replaced an eighteen-inch diameter concrete culvert identified as a barrier to fish passage. Image right, before construction. Image far right, after construction.



Recommended bridge replacement considerations

On-network bridges

For purposes of prioritizing individual projects, criteria were established to reflect overall network and regional needs. The criteria considered:

- **Bridge sufficiency rating** – A measure that provides an overview of the condition of the bridge. The sufficiency rating is a score calculated for each bridge using a multitude of ratings the inspector assigns to the bridge, based on the condition of the various components of the bridge.
- **Scour critical** – Are the bridge foundations in water where supporting material could be washed out by a flood event?
- **Funding secure** – Does the county have other funds secured for the project or portion of the project?
- **Route classification** – Is the bridge located on an arterial or collector classified route?
- **Functionally obsolete** – Does the deck geometry, load carrying capacity, clearance or approach roadway alignment reduce the bridges ability to adequately meet the traffic demands?
- **Average daily traffic** – Traffic volume carried by bridge.
- **Professional judgement** – Reflective of professional knowledge of the roadway network, traffic conditions, planning or pending development activity and other factors as appropriate

Criteria	Percent emphasis
Bridge sufficiency rating	21
Professional judgement	17
Funding secure	15
Scour critical	13
Average daily traffic	13
Route classification	13
Functionally obsolete	8

Route classification	Score
Arterial	6
Collector	3
None	0
Professional judgement	
High	8
Medium	4
Low	0
Bridge sufficiency rating	
0-30	10
30-50	7
50-75	4
75-100	0

Functionally obsolete	
Yes	4
No	0
Scour critical	
Yes	6
No	0
Average daily traffic	
5,000-20,000	6
2,000-5,000	4
500-2,000	2
0-500	0
Funding secure	
Secure	7
Partially secure	4
Not secure	0

Recommended bridge replacement considerations

Off-network bridges

For purposes of prioritizing individual projects, criteria were needed to reflect the off-network bridges and regional needs. The criteria considered:

- **Bridge sufficiency rating** – A measure that provides an overview of the condition of the bridge. The sufficiency rating is a score calculated for each bridge using a multitude of ratings the inspector assigns to the bridge, based on the condition of the various components of the bridge.
- **Scour critical** – Are the bridge foundations in water where supporting material could be washed out by a flood event?
- **Funding secure** – Does the county have other funds secured for the project or portion of the project?
- **Average daily traffic** – The number of users that are carried by bridge.
- **Professional judgment** - Reflective of professional knowledge of the roadway network, traffic conditions, planning or pending development activity and other factors as appropriate.

Criteria	Percent emphasis
Bridge sufficiency rating	27
Professional judgement	22
Funding secure	19
Scour critical	16
Average daily traffic	16

Professional judgement	
High	6
Medium	4
Low	0
Bridge sufficiency rating	
0-30	10
30-50	7
50-75	4
75-100	0
Scour critical	
Yes	6
No	0

Average daily traffic	
5,000-20,000	6
2,000-5,000	4
500-2,000	2
0-500	0

Funding Secure	
Secure (S)	7
Partially Secure (PS)	4
Not Secured (NS)	0

2022 program goals

Staff are continually looking for ways to improve the bridge program. Below are some goals for the next year:

- Continue to work towards having all trail bridges included in the inventory.
- Better cost tracking of all Bridge Program activities to build a better work program budget in 2023.
- In 2022 Public Works will begin to use a pool of certified bridge inspectors to complete routine inspections. This will allow Public Works to reassign the vacant bridge inspection position to provide further support for construction inspection. The pool of certified bridge inspectors will need to coordinate and work together closely to continue to improve the bridge inspection program.
- Include more non-reportable short span structures (i.e. large culverts and box culverts) in the bridge inventory to better prepare for future funding opportunities.

Bridge replacement priorities

Based on the previously described criteria, the following bridges are prioritized for replacement:

Yelm Hwy Bridge (O-12)



The bridge has a sufficiency of 37.78 and a length of 183 feet and is a candidate for replacement funding. This bridge is federally classified as an Urban Principal Arterial and is used by more than

11,000 vehicles per day. It is located over the railroad tracks and is just east of the Lacey city limits. Both the east and west approaches of Yelm Hwy are three lane sections making the two lanes, twenty-six-foot total width, bridge a choking point for traffic. A Type, Size and Location report was completed by OTAK Inc. for the project in 2017. The following are some of the highlights from the report:

- Preferred bridge alternative includes 95” Spliced Post Tension which would be a single span across the railroad right-of-way.
- Foundation abutments supported by drilled shafts.
- Roadway section includes a travel in both directions, a center turn lane, bike lanes, sidewalks and street lighting.
- A large amount of gravity block walls would be needed to retain roadway approaches.
- Total estimated project cost is \$16,000,000 (2017).

This report allows Public Works to be better positioned for future funding opportunities.

Tilley Road Bridge (T-2)



This bridge is located north of 140th Ave over Beaver Creek on Tilley Rd and was constructed in 1950. The bridge has a deteriorating timber pile substructure that requires frequent maintenance.

This portion of Tilley Rd provides resiliency to I-5 when closures are necessary between the Grand Mound (Exit 88) and Maytown (Exit 95).

A Type, Size and Location report, Tilley Road Bridge Replacement Type, Size, & Location Report, was completed by OTAK Inc. for the project in 2021. The preferred combination of alternatives for the structure is concrete voided slab girders for the bridge superstructure, driven or drilled piles for the bridge substructure, and soldier pile retaining walls.

This bridge does not qualify for federal replacement funding because is shorter than 20 feet. Other funding options, including local funding, need to be considered for a replacement project.

Littlerock Road Bridge (L-5)



This portion of Littlerock Road is federally classified as a Rural Major Collector, is a secondary detour route for I-5, and is used daily by more than 7,000 vehicles.

The southern bridge pier cracked at mid-span due a combination of material washing away from beneath it and the suspected lack of steel reinforcement to support it. A repair was completed in 2014 and included pouring concrete in the area where material had washed away.

Public Works has secured \$1.8 million in federal funding to replace this bridge in 2024. The proposed bridge will have steel pile foundation and precast prestressed concrete girders. The new bridge opening will be 50 feet to better accommodate high flow events and fish passage.

Bridge index

County reference	WSDOT ID	Bridge name	Feature the bridge is constructed over	Roadway, railroad, or trail connected to the bridge	Year built/rebuilt	Length	Width	Avg. daily traffic	Sufficiency rating
A-1	08708200	ANDERSON RD NORTH	SLOUGH	ANDERSON ROAD	2003	108	40.1	3226	97.23
A-2	08708300	ANDERSON ROAD MIDDLE	DRAIN CHAN	ANDERSON RD	2003	36	40	3226	97.23
A-3	08905800	ALPINE CULVERT	NONAME CREEK	ALPINE DRIVE SW	1960	11	0	1528	100
B-2	08893500	BEAVER CREEK BRIDGE	BEAVER CREEK	BEAVER CREEK ROAD	2017	40	20	430	70.83
B-3	08343200	BLOOM CREEK BRIDGE	BLOOM CREEK	110 TH AVE S.W.	1966	20	24	2634	79.73
B-4	08343100	BLOOM ROAD BRIDGE	BLOOM CREEK	110 TH. AVE. S.W.	1966	20	24	2238	77.9
B-5	08343000	BLOOM BRIDGE	BLACK RIVER	110TH AVE SW	1986	180	28.8	2339	88.78
BR-1	08652400	BORDEAUX RANCH BRIDGE	OVERFLOW	BARBOUILLAT STREET	1999	31	29.5	50	94.53
BT-1	08905700	BEAVTRIB CULVERT	NONAME CREEK	140th AVE SW	1986	11	0	255	99.88
C-1	08754400	CASE ROAD EXT BRIDG	ALLEN CREEK	CASE RD EXT	2007	29	24	28	94.74
C-2	08485700	CASE RD (PEARCE BRIDGE)	SCATTER CREEK	CASE ROAD SW	1965	66	24	2751	75.61
C-3	08082600	CASE ROAD BRIDGE	BEAVER CREEK	CASE ROAD	1970	59	28	3040	79.65
C-4	08384600	CASE ROAD BRIDGE	SALMON CREEK	CASE ROAD	1965	22	24.2	4154	66.59
C-5	08891900	CARPENTER ROAD CULVERT	LAKE LOIS	CARPENTER ROAD	2014	24	54	10192	80.01
C-6	08899200	140TH AVE CULVERT	NO NAME CREEK	140TH AVE SW	1960	14	0	121	98.94
C-7	XG110200	CASE RD FISH CULVERT	No name creeek	Case Road	2020	16	0	2719	98.6
CF-1	08796600	TAELYNN B	SWIFT CREEK	CEDAR FLATS ROAD	2008	91	28	887	77.31
CH-2	XG110201	CHURCHILL CULVERT	NO NAME CREEK	CHURCHILL RD SE	1960	10	0	282	91.34
CW-1	08827400	MARTINWAY PED CROSSING	MARTINWAY	CHEHALIS WEST TR	2010	182	14	24466	Trail
CW-2	08870900	PACIFIC AVE PED BRIDGE	PACIFIC AVE.	CHEHALIS WESTRN TR	2014	157	14	24185	Trail
CW-3	08879000	14 AVE PED TRESTLE	14th Ave SE	Chehalis Westrn Tr	1900	67	8.7	7256	Trail
CW-4	08883300	CHEHALIS W. TRL CW-4 TRE	CHAMBERS LAKE DRAINAGE	CHEHALIS W. TRL.	1900	17	13.5	0	Trail
CW-5	08883400	CHEHALIS W. TRL CW-5 TRE	CHAMBERS LAKE DRAINAGE	CHEHALIS W. TRL.	1900	49	13	0	Trail
CW-6	08929000	CHEHALIS W. TRL AT SPURGEON CRK	SPURGEON CREEK	CHEHALIS W. TRL.	2021	89	15	0	Trail

Bridge index

County reference	WSDOT ID	Bridge name	Feature the bridge is constructed over	Roadway, railroad, or trail connected to the bridge	Year built/rebuilt	Length	Width	Avg. daily traffic	Sufficiency rating
D-2	08104600	GOEBEL BRIDGE	SKOOKUMCHUCK RIVER	GOEBEL RD SE	1982	144	16	27	80.21
D-3	XG110203	DRAHAM CULVERT	WOODLAND CREEK	DRAHAM ST NE	1960	10	0	2749	98.58
E-1	08245700	RICH BRIDGE	DESCHUTES RIVER	RICH ROAD	1981	295	40	3843	96.58
E-2	08610200	DEMPSEY CREEK BRIDGE	DEMPSEY CREEK	DELPHI ROAD	1995	24	35.1	4432	93.53
E-3	08350500	ENDICOTT ROAD BRIDGE	CREEK	ENDICOTT ROAD	1958/1992	38	25.2	458	89.81
E-4	08342800	VOLMER BRIDGE	BLACK RIVER	123RD. S.W.	1986	180	28.8	229	97.91
E-5	0009749B	MUD BAY RD OXING	MUD BAY ROAD	EVERGREEN PARKWAY	1975	211	40	6090	92
F-1	08652700	FISH POND CREEK	FISH POND CREEK	FAIRVIEW ROAD	2000	23	0	1401	81.93
F-2	08902100	FLUMERFELT BRIDGE	OCONNER CREEK	FLUMERFELT ROAD	2018	36	24	140	94.43
FP-1	08901000	26th Ave Culv	Woodland Ck Tributary	26th Ave NE	2018	12	0	738	99.9
G-1	08430600	GIBSON ROAD BRIDGE	SCATTER CREEK	GIBSON ROAD SW	1967	62	24	535	80.81
G-2	08928800	GATE RD BRIDGE AT BAKER CRK	BAKER CREEK	GATE ROAD	2021	28	28	508	98.3
G-3	08928900	GATE RD BRIDGE AT MIMA CRK	TRIB TO MIMA CREEK	GATE ROAD	2021	9	35.3	508	97.29
GB-12	08899300	GATE BELMORE BRIDGE-12	NO NAME CREEK	TRAIL	1900	43	9.3	0	Trail
GB-13	08899400	GATE BELMORE BRIDGE-13	NONAME CREEK	TRAIL	1900	45	9.3	0	Trail
GM-1	08880000	PRAIRIE CREEK CULVERT	Prairie Creek	Grand Mound Way SW	1950	9	0	344	98.95
H-1	08443200	STEARNS BRIDGE	WOODLAND CREEK	HAWKS PRAIRIE ROAD	1955	61	24.1	5737	57.93
H-3	08295400	HOLMES ISLAND BRIDGE	LONG LAKE	HOLMES ISD RD	1962	53	18.8	177	50.79
HP-1	08902000	HUNTER BRIDGE	UNAMED CREEK	HUNTER POINT RD NW	2018	81	24	387	80.91
HV-1	08904900	HOLIDAY VALLEY CULVERT	SCHNEIDER CREEK	HOLIDAY VALLEY DR	1960	12	0	630	89.12
I-3	08827500	INDEPENDENCE RD BRIDGE	STREAM	INDEPENDENCE RD	2010	106	30	888	94.85
I-5	07972100	INDEPENDENCE BRIDGE	CHEHALIS RIVER	INDEPENDENCE ROAD	1976	436	28	1409	81.83
I-6	08041800	INDEPENDENCE RD BRIDGE	OVERFLOW CHANNEL	MARBEL ST. SW	1940/1964	22	24.7	1360	81.02
J-1	08041900	JAMES RD. BRDG (CULVERT)	OVERFLOW CHANNEL	JAMES ROAD	1985	26	0	1265	99.82

Bridge index

County reference	WSDOT ID	Bridge name	Feature the bridge is constructed over	Roadway, railroad, or trail connected to the bridge	Year built/rebuilt	Length	Width	Avg. daily traffic	Sufficiency rating
J-2	08093500	JAMES BRIDGE	SCATTER CREEK	JAMES ROAD SW	1982	84	26	1265	84.4
J-3	08171400	JAMES ROAD BRIDGE	PRAIRIE CREEK	OLD HWY NO. 9	1936	43	24.1	3433	65.24
J-4	08137300	JOHNSON CREEK ROAD BRDG	JOHNSON CREEK	JOHNSON CREEK ROAD	1985	40	26.2	324	86.9
J-5	08047000	JOHNSON CREEK RD BRIDGE	JOHNSON CREEK	JOHNSON CREEK ROAD	1977	52	26.2	324	91.94
J-6	08917100	JONES BRIDGE	SALMON CREEK	JONES ROAD	2020	50	24	659	85.84
JP-1	08899100	63RD UNDERCROSS	FOOT PATH	63RD AVE NE	1960	10	0	1078	99.85
L-1	08754500	128TH AVE. BRIDGE	UNNAMED STREAM	128TH AV SW	2007	29	35.3	3047	98.57
L-2	08419200	LEITNER BRIDGE	SCATTER CREEK	LEITNER ST.	1978	70	26.2	282	92.42
L-3	07992500	BLACK RIVER BRIDGE	BLACK RIVER	128TH AVE SW	1968	100	28	3047	75.89
L-4	08867800	SALMON CREEK BRIDGE	SALMON CREEK	LITTLEROCK ROAD	2014	77	41.5	6458	94.1
L-5	08341900	LITTLEROCK ROAD BRIDGE	BLOOM DITCH	LITTLEROCK ROAD	1924/1966	20	24.7	7927	76.96
L-6	0004057A	W. ULRY	CREEK	LITTLEROCK RD.	1951	60	26	3164	72.46
L-7	0004057B	W. ANDERSON	BEAVER CREEK	LITTLE ROCK RD	1951	137	26	3577	78.62
LC-1	08741900	LACKAMAS CREEK	LACKAMAS CREEK	BALD HILLS ROAD	2006	29	35.2	3480	95.04
M-10	08685000	MOON RD	OVERFLOW	188th Ave SW	2002	61	27.3	1114	86.88
M-12	08652600	MULLEN ROAD BRIDGE	CREEK	Mullen Road	1999	92	25.6	7703	64.53
M-14	08652200	MARTIN WAY BRIDGE (west)	MC ALLISTER CREEK	MARTIN WAY EAST	2000	118	71	17895	92.21
M-15	08652300	MARTIN WAY BRIDGE (EAST)	SLOUGH	MARTIN WAY E	2000	118	71	17895	92.21
M-17	08279300	MAYS ROAD BRIDGE (215TH)	ZEKNOR CREEK	215TH AVE SW	1984/1990	19	14.8	74	66.48
M-18	08223700	MIMA CREEK BRIDGE	MIMA CREEK	GATE ROAD	1972	32	28	508	98.3
M-2	08905500	ALLEN CRK BOX CULVERT	ALLEN CREEK	MAYTOWN ROAD SW	1960	8	0	3331	98.44
M-3	08708000	MULL ROAD BRIDGE	SCATTER CREEK	MULL ROAD	2003	18	20	69	96.99
M-4	08618900	MEADOWS BRIDGE	OVERFLOW CHANNEL	MEADOWS ROAD	1995	208	16	12	83.37
M-5	08652500	MILITARY ROAD	SCATTER CR	OLD MILITARY ROAD	1999	28	23.8	290	88.95
M-6	08142800	MILITARY BRIDGE	DESCUTES RIVER	MILITARY ROAD	1984	150	26	911	85.95
M-7	08352000	GATE BRIDGE	BLACK RIVER	MOON ROAD	1976	203	28	1003	87.87
M-8	08638900	MOON BRIDGE	OVERFLOW CHANNEL	MOON ROAD	1998	205	28	1003	90.18
M-9	08684900	MOON RD	OVERFLOW CHANNEL	188 SW	2002	51	27.3	1114	86.88

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MC-1	08618800	MCELFRESH ROAD BRIDGE	ZEKNOR CREEK	MCELFRESH ROAD SW	1995	56	24	79	88.23
MC-2	08633700	MCCORMICK ROAD BRIDGE	OVERFLOW CHANNEL	175 TH S.W.	1997	42	27.6	77	99.98
MC-5	08597400	MCLANE BRIDGE	MCLANE CREEK	DELPHI ROAD SW	1993	110	34	2686	98.24
MC-6	08597300	MCLANE DELPHI RD BRIDGE	MCLANE CREEK	MCLANE DELPHI ROAD	1992	62	34	2686	96.71
MC-7	08257700	MCLANE DELPHI RD BRIDGE	MCLANE CREEK	DELPHI ROAD SW	1924	24	24	2150	57.83
MC-8	08342400	MCLANE DELPHI RD BRIDGE	MCLANE CREEK	DELPHI ROAD SW	1924	24	24	2612	53.48
N-1	08061600	NISQUALLY CUTOFF BRIDGE	OVERFLOW CHANNEL	NISQUALLY CUTOFF	1936	92	44	5226	86.55
N-2	08833700	NOSCHKA BRIDGE	NOSKI CREEK	NOSCHKA ROAD	2011	42	18.5	51	92.51
O-1	08181900	O'CONNOR BRIDGE	SKOOKUMCHUCK RIVER	CONNOR ROAD	1989	245	26	152	87.47
O-11	08639000	OLD PACIFIC HWY BRIDGE	NISQUALLY RIVER	OLD PACIFIC HWY	1998	325	40	13122	90.91
O-12	08006700	OLY-YELM RD.RR.OC	RAILROAD	YELM HWY S.E.	1951	183	26	12500	37.78
O-2	08157100	PERRY CREEK BRIDGE	PERRY CREEK	OLD HWY 410	1937	98	24	587	87.65
O-3	08154400	OLD 101 BRIDGE	PERRY CREEK	Madrona Beach Road	1958	102	24.1	1325	81.61
O-4	08231400	MUD BAY BRIDGE	MUD BAY	MUD BAY ROAD	1978	208	44	12249	97.13
O-6	08827700	OLD HWY 99	PRAIRIE CREEK	OLD HWY 99	2010	63	66.2	11240	96.84
O-7	08439800	OLD HWY 99	SCATTER CREEK	OLD HWY 99 SW	1923	66	24.1	7789	64.36
O-9	08754300	OLD HIGHWAY 99	SCATTER CREEK	OLD HWY 99	2007	115	40	5656	92.02
OB-1	08827600	OYSTER BAY CULVERT	SCHNEIDER CREEK	OYSTER BAY ROAD	2009	20	0	715	93.8
P-1	08904500	PRATHER CULVERT	NO NAME CREEK	PRATHER ROAD SW	1960	10	0	513	99.42
P-2	08338900	PRATHER BRIDGE	CHEHALIS RIVER	PRATHER ROAD SW	1988	366	34	620	97.3
P-3	08416200	LAKE ST.CLAIR BRIDGE	ST.CLAIR LAKE	PENINSULA DRIVE	1963	54	20	329	66.92
P-4	08917200	PEISSNER RD BRIDGE	ELBOW LAKE CREEK	PEISSNER RD	2020	60	24	240	87.11
PG-1	08708100	PLEASANT GLADE BRIDGE	WOODLAND CREEK	PLEASANT GLADE RD	2003	51	22.5	420	76.31
R-1	08222100	RESERVATION RD RR BRIDGE	RAIL ROAD	RESERVATION ROAD	1993	331	36	8901	93.3
R-2	08854600	RICH ROAD BRIDGE	SPURGEON CREEK	RICH ROAD	2012	67	46.3	3843	96.58
R-3	08015400	REEDER ROAD BRIDGE	BEAVER CREEK	REEDER ROAD N	1985	54	11.1	10	17.02
R-4	08904600	RAINIER CULVERT	DITCH	118TH AVE SE	1960	10	0	498	99.74

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R-5	XG110202	RICH ROAD CULVERT	NO NAME CREEK	RICH RD SE	1960	10	0	7974	94.02
S-1	08464100	SARGENT ROAD BRIDGE	SCATTER CREEK	SARGENT ROAD	1984	136	28	2812	81.18
S-10	08050600	SODERLUND RD CULVERTS	OVERFLOW CHANNEL	188 SW	1981	30	0	291	98.93
S-11	08904800	SUMMIT LK CULVERT	NONAME CREEK	SUMMIT LK SHORE RD	1960	13	0	1195	99.27
S-13	08633600	SKOOKUMCHUCK CULVERTS	SKOOKUMCHUCK OVERFLOW	SKOOKUMCHUCK ROAD	1996	33	0	981	98.52
S-14	08664100	STEILACOOM ROAD BRIDGE	HARTMAN CREEK	STEIACOOM ROAD	2001	29	30	1001	94.85
S-15	0014577B	SCHNEIDER CREEK CULVERT	SCHNEIDER CR	OLD HWY 101	1995	23	0	3915	99.63
S-2	08486500	SCHOOL LAND BRG. (CULV)	OVERFLOW CHANNEL	SCH. LND. RD. CULV	1981	53	0	345	96.95
S-3	08486300	SCHOOL LAND CULVERT	OVERFLOW CHANNEL	SCHOOL LAND ROAD	1981	25	0	381	99.91
S-4	08217600	WELLERS BRIDGE	WADDELL CREEK	SHERMAN VALLEY RD	1982	70	26	352	83.99
S-5	08625900	RAY BRIDGE	SKOOKUMCHUCK RIVER	SKOOKUMCHUCK ROAD	1996	156	28	246	98.62
S-6	08093600	ISMAY BRIDGE	SKOOKUMCHUCK RIVER	SKOOKUMCHUCK ROAD	1984	150	28	981	89.86
S-7	08454700	STEAMBOAT ISLAND BRIDGE	TOTTEN INLET	STEAMBOAT IS. RD.	1982	706	15	146	68.05
S-8	08239000	MCALLISTER BRIDGE	MCALLISTER CREEK	STEILACOOM ROAD	1964	128	24.2	1384	69.23
S-9	08176200	SUMMIT LAKE BRIDGE	KENNEDY CREEK	SUMMIT LAKE ROAD	1985	47	26	671	87.21
SC-1	08684800	SILVER CREEK	SILVER CREEK	SILVER CREEK RD	2002	22	26.2	109	90.95
T-1	07973300	TIAPO RD (183rd)	OVERFLOW CHANNEL	183RD SW	1924	26	21.4	301	82.91
T-10	08908900	TOBOTON CULVERT	Toboton Creek	Peissner Rd SE	2019	17	0	235	92.81
T-2	08114200	TILLEY RD BRIDGE	BEAVER CREEK	TILLEY ROAD	1950	21	24.2	3396	41.42
T-3	08467800	TOWNSHIP RD BRIDGE	SCATTER CREEK	183RD SW	1949	68	24.1	2813	79.49
T-4	08128700	THOMPSON CK BRIDGE	THOMPSON CREEK	THOMPSON CREEK RD.	1987	30	26	89	94.17
T-5	07963300	TONO BRIDGE	SKOOKUMCHUCK RIVER	TONO ROAD	1972	161	28	333	98.39
T-6	08597200	BLACK LAKE BRIDGE	BLACK LAKE DRAINAGE DITC	BLK-BELMORE RD.	1992	60	40	5172	91.94

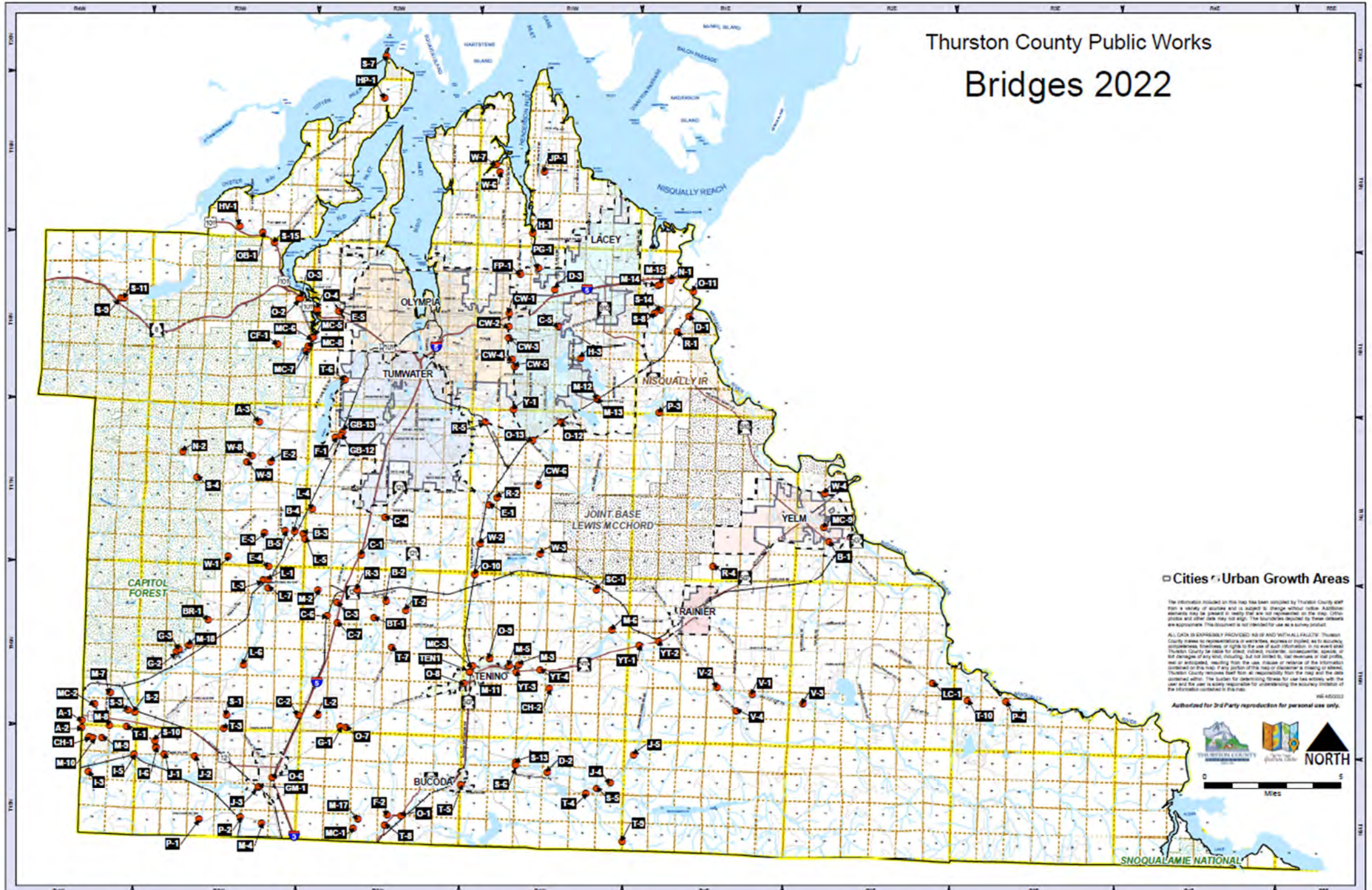
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County reference	WSDOT ID	Bridge name	Feature the bridge is constructed over	Roadway, railroad, or trail connected to the bridge	Year built/rebuilt	Length	Width	Avg. daily traffic	Sufficiency rating
T-7	08885100	TILLEY CURVE CULVERT	UNNAMED WETLAND	TILLEY ROAD	2016	13	0	3396	96.97
T-8	08902200	TROY BRIDGE	OCONNER CREEK	TROY AVE SE	2018	56	24	20	94.81
T-9	08904700	THOMPSON CK CULVERT	THOMPSON CREEK	THOMPSON CK RD SE	1960	11	0	118	93.9
V-1	08354700	BENSON BRIDGE	DESCHUTES RIVER	VAIL CUTOFF RD	1956	122	24.1	1079	79.49
V-2	08295500	RUTH BRIDGE	DESCHUTES RIVER	VAIL LOOP ROAD	1982	149	28	851	91.15
V-3	08626000	BALLETTI BRIDGE	DESCHUTES RIVER	VAIL ROAD	1997	156	34.8	2194	96.31
V-4	08892700	VAIL LOOP BOX CULVERT	NONAME CREEK	VAIL LOOP RD SE	1950	11	0	521	99.76
W-1	08461100	WADDELL CRK BRIDGE	WADDELL CREEK	WADDELL CREEK ROAD	1969	130	28	1164	72.73
W-2	08610300	WALDRICK RD RR OVERPASS	RAILROAD	WALDRICK ROAD	1995	150	34	2391	97.75
W-3	08451100	COLLINS BRIDGE	DESCHUTES RIVER	WALDRICK ROAD	1986	150	34	1957	97.35
W-4	08215700	WILKENSEN	CENTRALIA CANAL	WILKENSEN ROAD	1986	60	34	5357	76
W-6	08252900	WOODARD BAY RD BRIDGE	WALKING TRAIL	WOODARD BAY	1958	76	24.2	1137	82.6
W-7	08251800	WOODARD BAY BRIDGE	WOODARD BAY	WOODARD BAY ROAD	1958/1977	60	24.1	1137	71.13
W-8	08193500	STONEY CREEK BRIDGE	STONEY CREEK	WADDELL CREEK RD.	1976	23	28	1531	88.22
W-9	08901900	PANTS CREEK CULVERT	PANTS CREEK	WADDELL CREEK RD	2018	18	0	1478	98.75
Y-1	08639100	YELM HWY PED OVERPASS	YELM HIGHWAY	PARKS PED. TRAIL	1998	126	12	24000	Trail
Y-2	08905600	SLUICE BOX CULVERT	EATON CREEK	YELM HWY	1950	8	0	7978	95.89
YT-1	08872200	DESCHUTES RIVER TRESTLE	DESCHUTES RIVER	YELM-TENINO TRAIL	1900	268	9	0	Trail
YT-2	08891600	RAILROAD GRADE BRIDGE	OBSOLETE RR	YELM TENINO TRAIL	1900	123	7.7	0	Trail
YT-3	08893000	YELM-TENINO TRAIL	CHURCH HILL CREEK	YELM-TENINO TRAIL	2004	30	9.6	0	Trail
YT-4	08899000	YELM TENINO TRAIL-RR GRADE BRIDGE	NO-NAME CREEK	YELM-TENINO TRAIL	1900	17	9.6	0	Trail
Railroad Bridges									
D-1	08216400	DURGIN ROAD TUNNEL	DURGIN ROAD	RAILROAD	1912	229	19.1	557	RR
M-13	08477000	MULLEN RD RR OVERPASS	MULLEN ROAD	N P RAILROAD	1950/2003	250	27.6	5211	RR
O-10	08053600	OLD 99 RAILROAD UNDERCRO	OLD 99	RAILROAD	1922	28	28	6729	RR
O-13	08022300	OLY-RAINIER RR OVERPASS	RAINIER RD.	BNRR Main Line	1920/2015	90	13	8230	RR

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TENINO 1	08532000	BN INC U'XING	SUSSEX AVE W	BN INC RR MAINLINE	1985	125	24	22	RR
City of Yelm									
B-1	08389700	BALD HILL ROAD BRIDGE	YELM CREEK	BALD HILL ROAD	1960/1983	20	33.7	6500	81.84
MC-9	08414700	MCKENNA BRIDGE	YELM CREEK	103RD AVE. SW SE	1930	20	26.7	1800	56.47
City of Tenino									
MC-3	08243200	MCDUFF ROAD BRIDGE	SCATTER CREEK	143RD AVE S W	1987	62	34	1256	96.88
O-8	08413300	OLD HWY 99	SCATTER CREEK	OLD HWY 99 SW	1923	66	24	5042	63.06
M-11	08619000	MORNINGSIDE BRIDGE	SCATTER CREEK	MORNINGSIDE DRIVE	1995	35	15.5	26	75.69
Tribal									
CH-1	08728000	Casino Overcrossing	188TH AVE	PED OVERCROSSING	2005	93	12	1114	Casino

Thurston County Public Works Bridges 2022



Thurston County Public Works Department Scour Critical Bridge 2022

- Scour Critical Bridges (15)
- All Other Bridges
- City Major Roads
- County Roads
- State Routes
- Trails
- Railroads
- Urban Growth Areas
- City Limits

