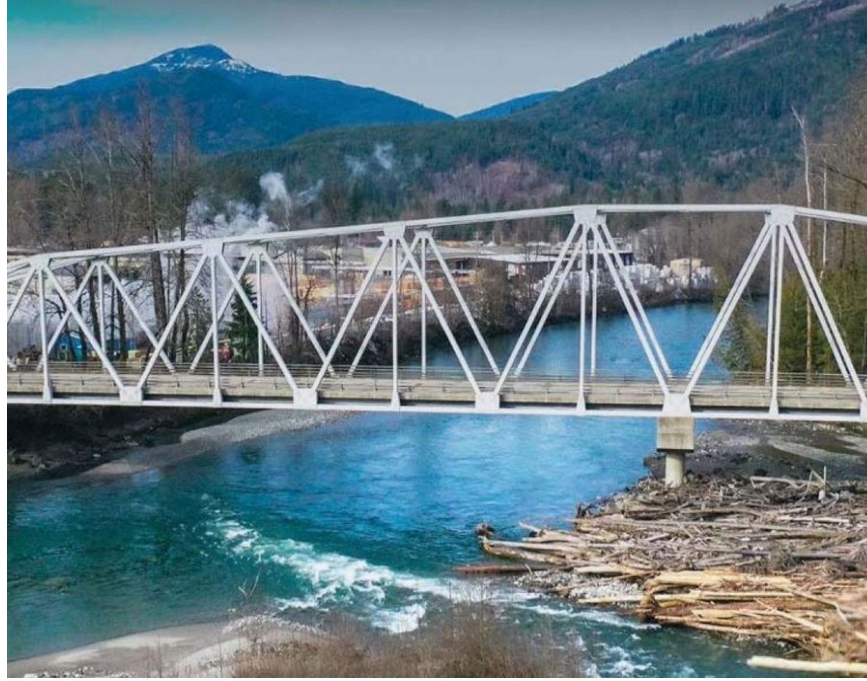
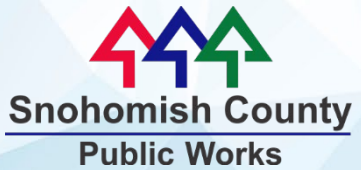




Joint Transportation  
Committee  
Snohomish County  
Roads  
November 2024



# Agenda

- Snohomish County Overview
- Challenges
- Successes



**Kelly Snyder, MPA**

Director

**Doug McCormick, PE**

Deputy Director and County Engineer

# Snohomish County At-A-Glance



Land area of 2,086.53 square miles



Est. population in 2024 is 867,100



Ranked 3<sup>rd</sup> in population compared to other Washington State counties



13% population growth  
(Census estimate from 2013-2023)



# Snohomish County Public Works Includes Five Divisions

## ADMIN OPS

Budget/Financial Mgmt.  
Computer Network Admin.  
Contract Admin.  
Payroll/Human Resources  
Public Works Records

## ENGINEERING SERVICES

Construction  
Design  
Geo Tech  
Project Mgmt.  
Right of Way  
Survey

## ROAD MAINTENANCE

Bridges  
County Force Projects  
Drainage/Culverts  
Pavement Preservation  
Road Signs/Markings  
Surface Water Projects



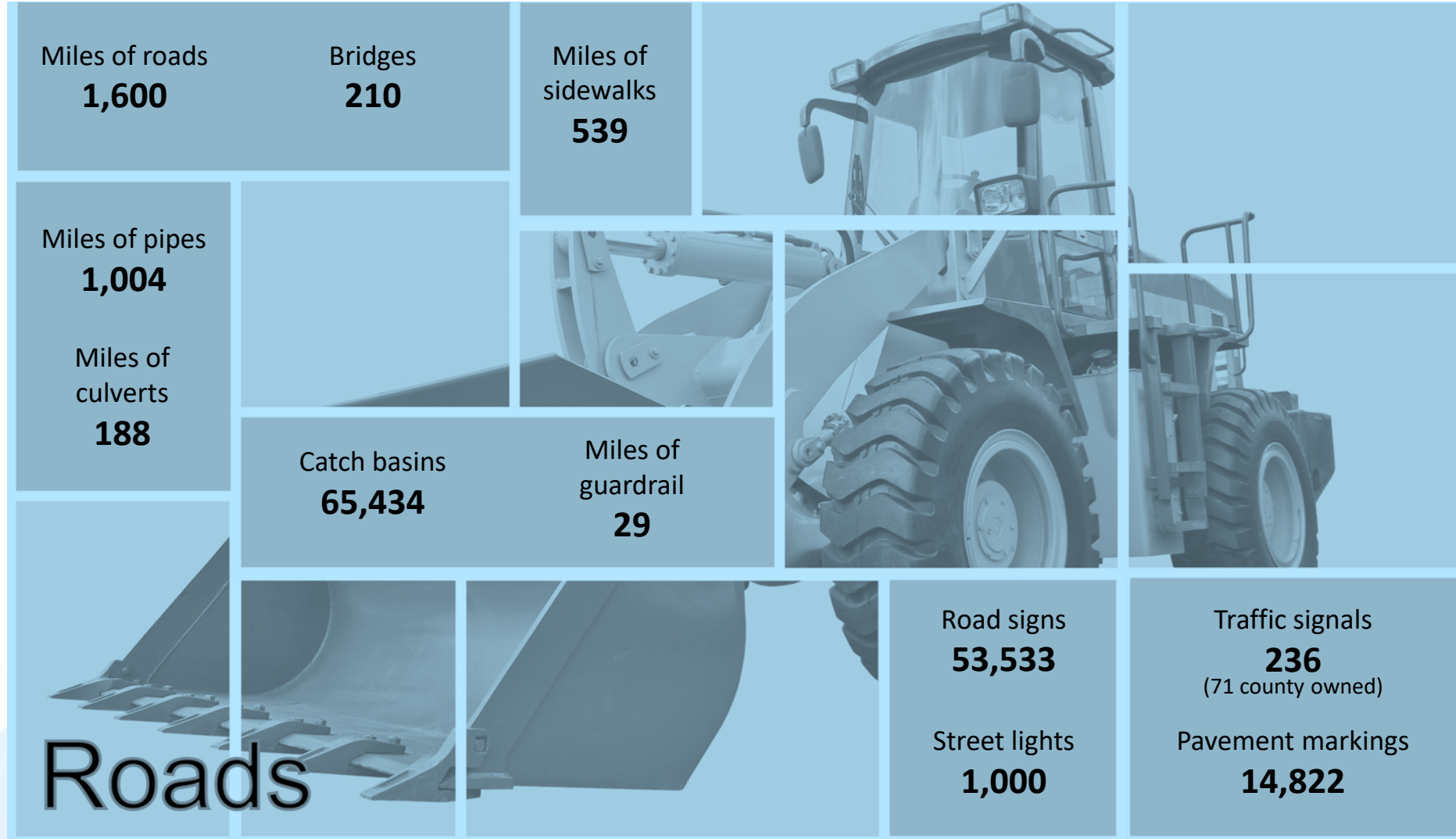
## Transp & Enviro Services

Environmental  
Programming  
Public Involvement  
Right of Way  
Permits  
Road Planning  
Traffic Signals

## SOLID WASTE

Landfill Management  
Moderate Risk Waste  
Recycling  
Transfer Stations  
Drop Boxes  
Waste Export

# Summary of Roads & Bridges





# Challenges

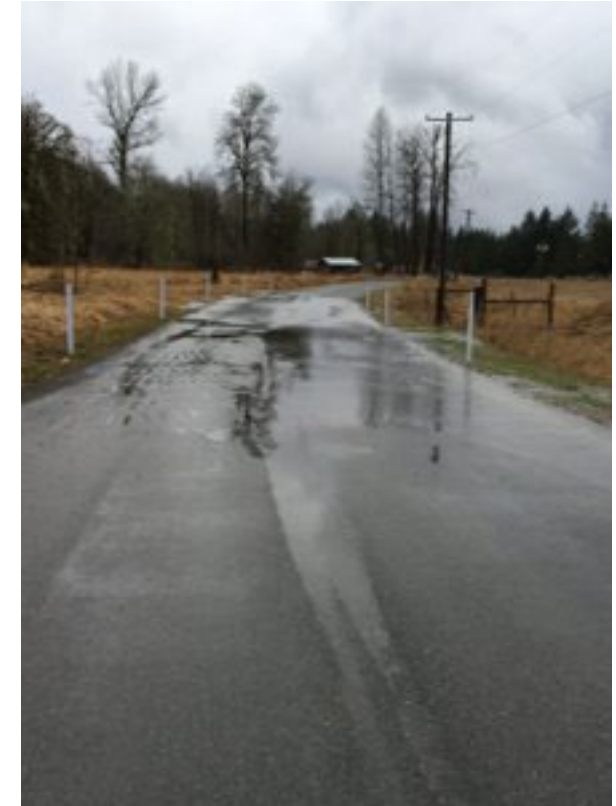


# Challenges

- Project delays due to permitting delays
- NPDES mandates
- Tire dust
- Failing culverts
- Safety: Fatalities and serious injuries
- Storm response
- Retirements, retention and hiring staff
- Growth management and concurrency needs
- Operating with higher position vacancy rate
- ST3/Light Rail Station planning and community integration

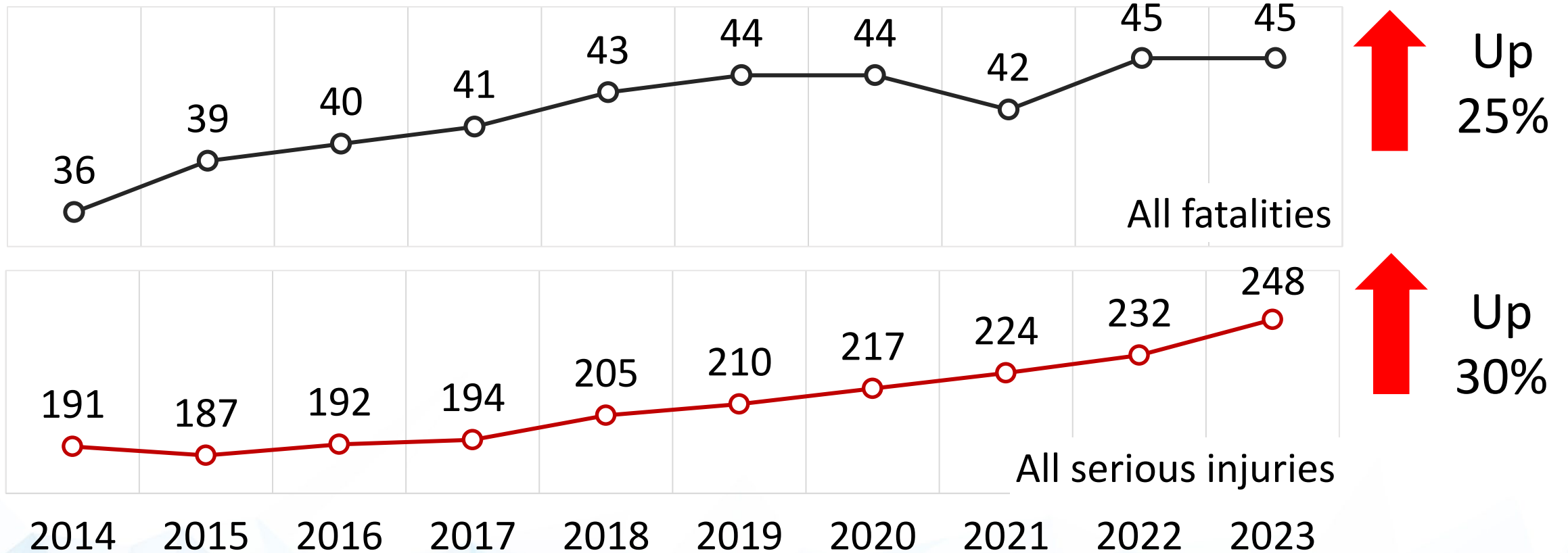


**Marten Creek Culvert**  
Unexpected flooding  
damages culverts and  
infrastructure



**Sauk Prairie Rd Culvert**  
Clogged and failing  
culverts contribute to  
area flooding

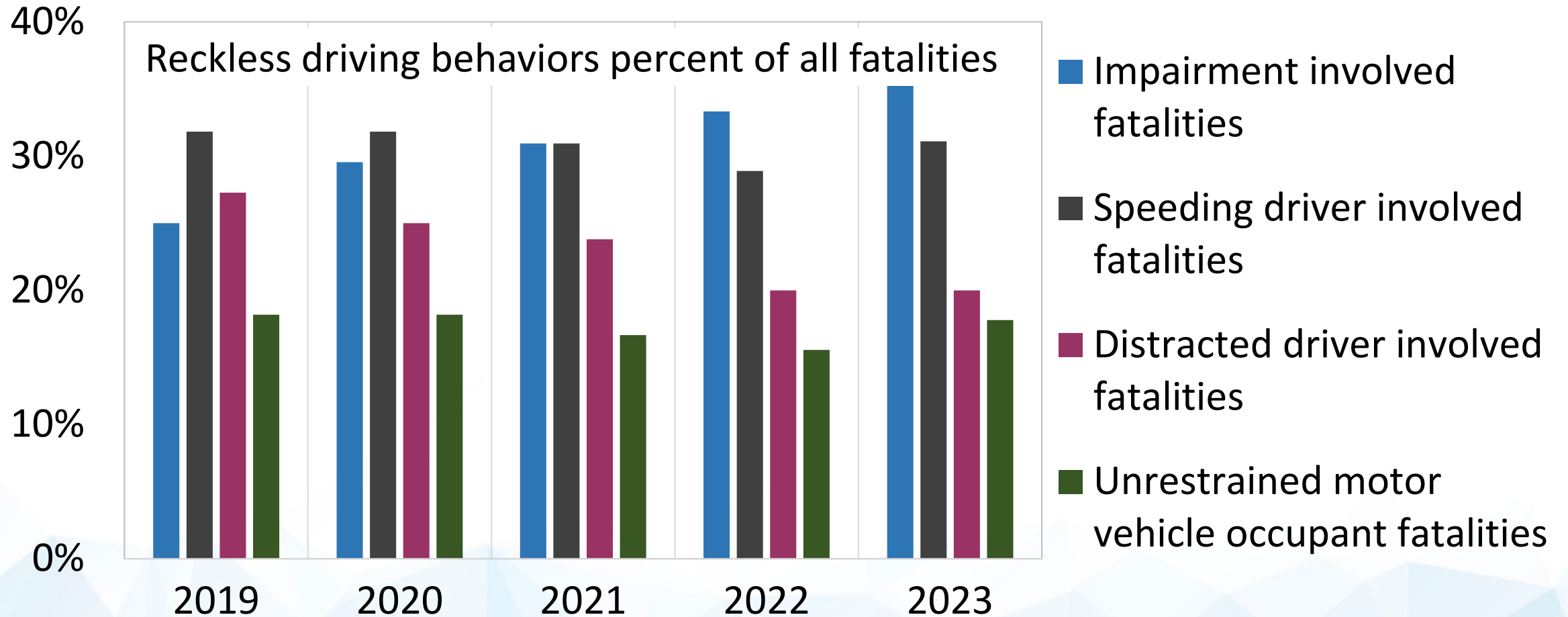
# Challenges: Road Safety/All road users



\*5-year rolling average



# Challenges: Safety/Reckless Driving Behavior Fatalities



\*5-year average

# Challenges: Road Safety

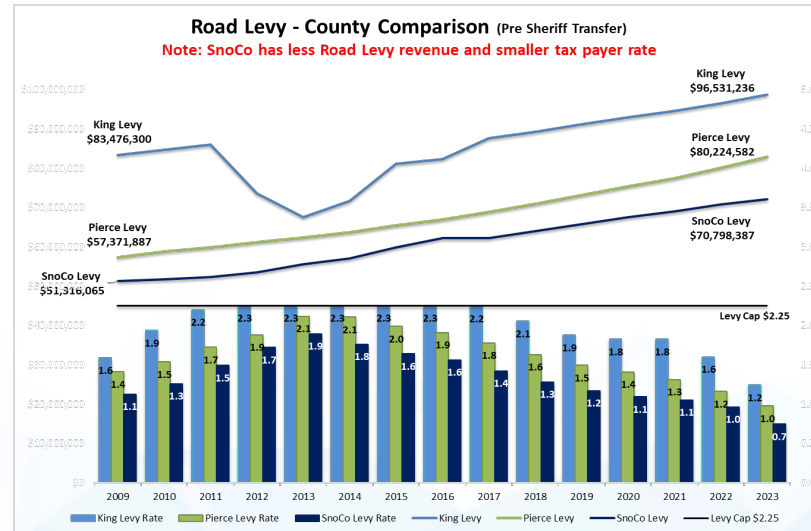
- Implement the Safe System Approach
- Shared responsibility
  - Partner with other agencies and organizations
  - Leverage existing programs
- Speed management
- Data-driven, transparent and equitable decision-making
- Small gains countywide add up to significant safety improvement



# Challenges: Inflation and Impacts

- Historic cost escalation combined with historically low revenue growth, leading to funding shortage
- **\$100 million in TIP projects delayed**, plus targeted 15% vacancy rate necessary to sustain cashflow
- Exploring strategies to address funding shortfall
  - Transportation Benefit District
  - Utility Right-of-Way User Fee
  - Mitigation Fees
  - Legislative support for 3%

Historic cost escalation combined with historically low revenue growth



Doing more with less than agencies with similar road miles



# Successes

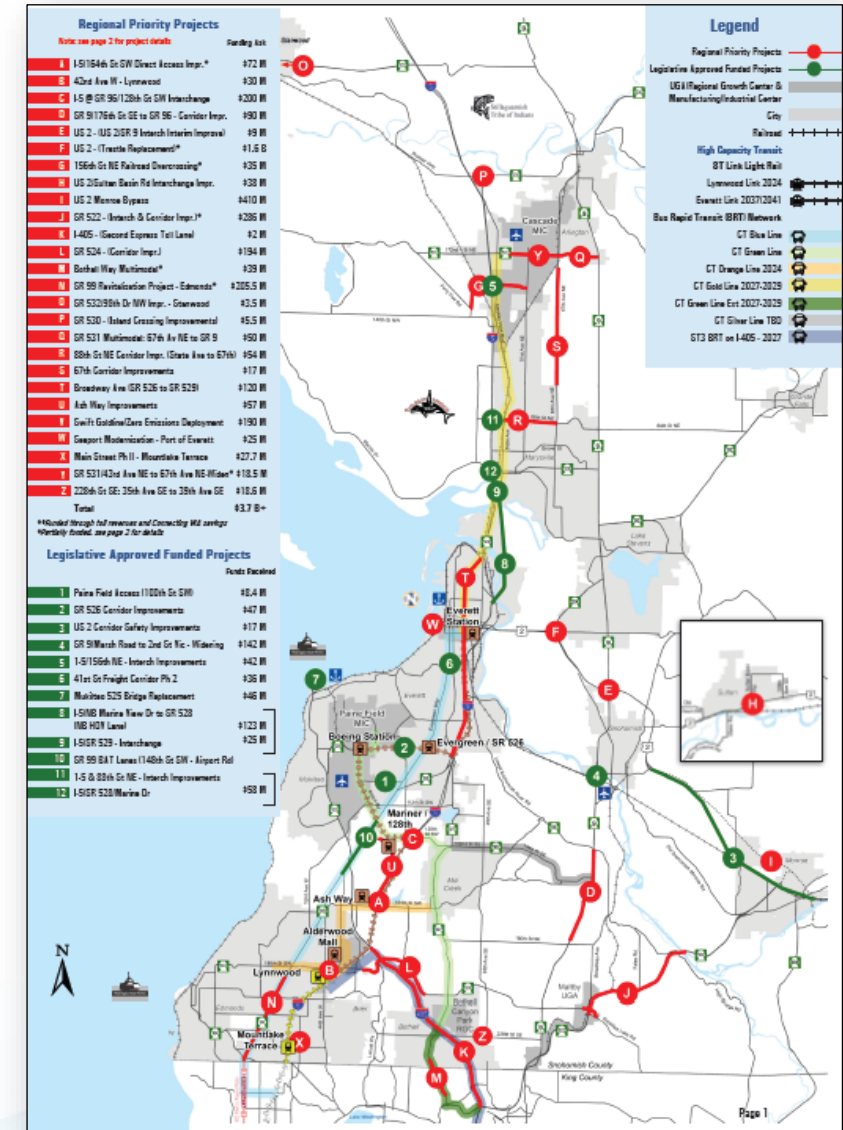


# Regional Priority Coordination

Including: Cities, County, Tribes, Ports, WSDOT, Transit

- 26 Regional Priority Projects needing funding (red)
- 12 projects approved for legislative funding (green)
- Integrated transportation network
- Serving growing population and employment

Regional Priority Project map available for download on Infrastructure Coordinating Committee webpage: [bit.ly/SnoCoICC](https://bit.ly/SnoCoICC)

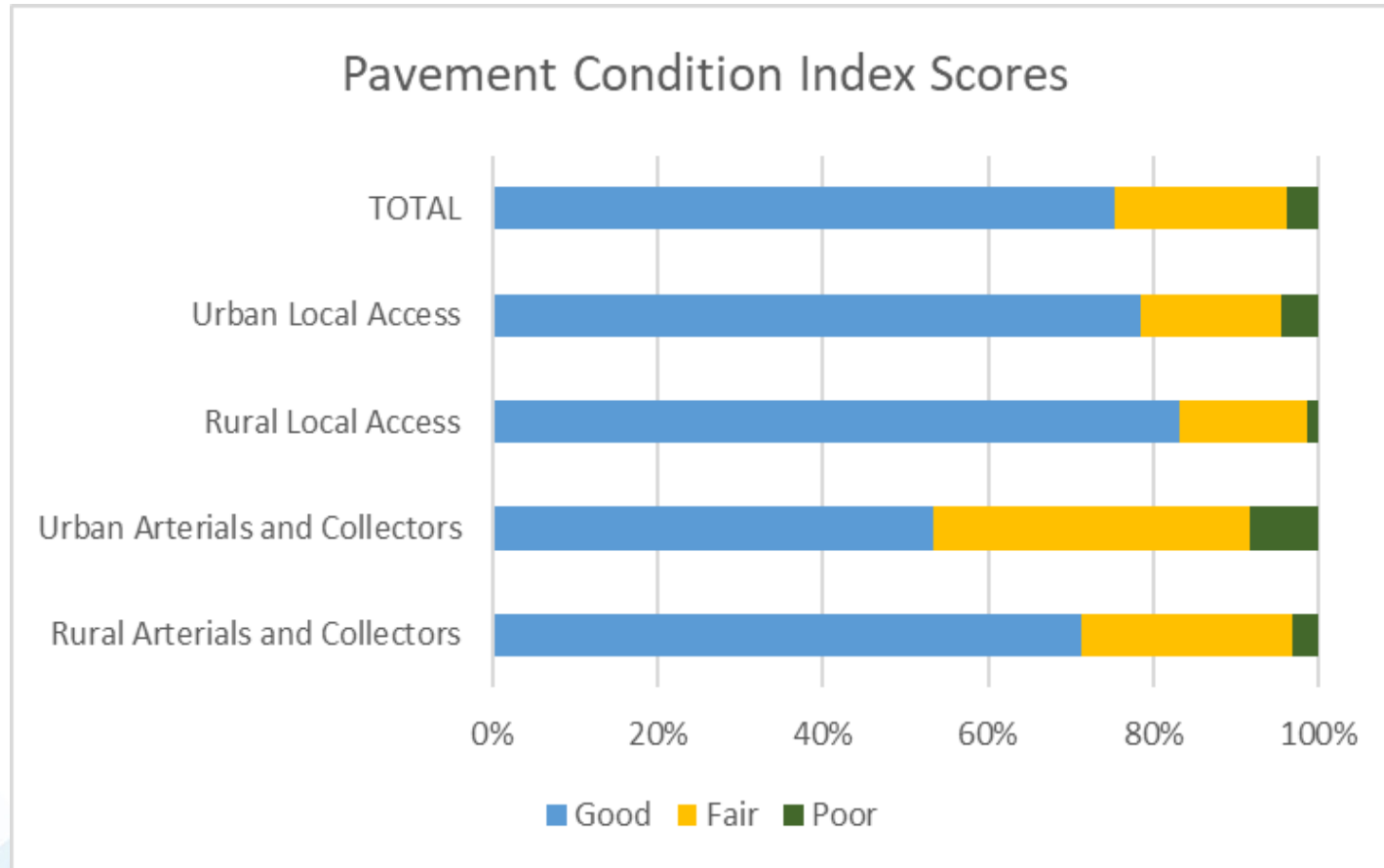


# Successes: Leverage Funding

- Federal, state and PSRC
- Grants and loans
- \$23.5M awarded grants from 2023-2024 applications; plus \$9.6M in funding increases for existing grants

3.8 to 1

# Success: Pavement Preservation



\$8.2 million spent in pavement preservation in 2023

# Successes: County forces

- 68 miles of chip seal
- 12 miles of paving
- RRFBs at Lockwood Elementary, Fernwood Elementary, Discovery Elementary, and 51st Ave SE at 123rd St SE
- Mays Pond Bus Stop ADA Upgrades



Mays Pond Bus Stop  
ADA Upgrades



68 miles of chip seal



# Successes: County forces

- Embankment repairs at Lake Fontal and N. High Bridge Rd
- Embankment repairs and stabilization at Jackson Gulch (236th St NW)
- Slide repair at Marten Creek Bridge – Index Galena
- Slide repair at Elliott Rd
- Finn Settlement Rd leveling
- Drainage improvement projects at 163rd/  
W Lake Goodwin & High Bridge Rd
- Implemented local information delivery program for vegetation control and sidewalk repair programs



Slide repair at Marten Creek Bridge – Index Galena

# Successes: ACP/TIP Construction in 2024

- 84th St NE/163rd Ave NE Roundabout
- 164th St SW Overlay (Spruce Way to Ash Way )
- 132nd/134th/Cathcart Way Overlay (Seattle Hill Rd to SR 9)
- Larch/Logan/Locust Roundabout
- 36th Ave W/35th Ave W Road Improvement (164th St SW to SR 99)
- 67th Ave NE @ 112th Drainage Improvements

**\$23M Projected Construction**



84th St NE/163rd Ave NE Roundabout

# Successes: Index-Galena Road Flood Repair

## Summary

- Rebuilt a mile of roadway destroyed by severe flooding in November 2006.
- Moved road out of the 100-year floodplain through U.S. Forest Service land.
- Restored essential travel and emergency services and reintroduced recreational access.
- Construction occurred between April – Nov. (2021-2023) to accommodate seasonal and environmental limitations.

RAP Funding Amount:  
\$1,200,000

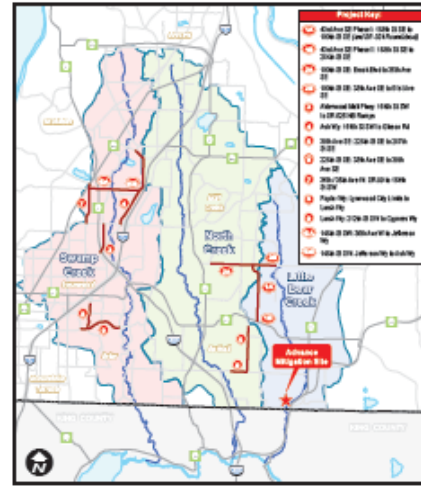
Total Project Cost  
\$29,946,840 (\$23.2M construction)



Link to [video](#).

# Successes: Little Bear Creek Advanced Mitigation Site

- 17-acre urban parcel
- \$4.2 million to develop mitigation site
- \$30 million future savings in mitigation for 10 future transportation projects
- Award winning



**APWA**  
 APWA National  
 2024 Project of the Year  
 Environment Category, Projects less than \$5 million

**APWA**  
 APWA WA State Chapter  
 2024 Project of the Year  
 Environment Category, Projects less than \$5 million

**Washington State Department of Commerce**  
 Washington Governor's 2024 Smart Communities Awards  
 Smart Project Award  
 Projects Implementing a Comprehensive Plan

## Improvements

Crews restored the natural ecosystem within a valuable watershed and created protected habitat for animals, waterways, and vegetation.



## Sustainability & Resiliency

This 17-acre restored living site has many ecological benefits. It will be protected as a conservation area for years to come.



Questions?

