



# **South Central Region at a glance**

August 2017









**Todd Trepanier** Regional Administrator

## **South Central Region management team**

Brian White, P.E.

Assistant Regional Administrator For Construction & Development

> Design\Plans Environmental Design Trainer Construction Materials





Randy Giles, P.E. Assistant Regional Administrator For Planning, Program Management

I & P Operations Project Reporting Engineering Graphics Communications Financial Services Planning\Real Estate Services and Utilities

Bill Preston, P.E. Local Programs Engineer

Federal
Aid\Local Agency
Administration





Todd Trepanier, P.E. Regional Administrator



Christy Sauriol
Executive Assistant

#### Dan Floyd P.E.

Assistant Regional Administrator For Maintenance & Operations

Maintenance Supts.
Facilities
TEF Management
Traffic and TMC
Special Crews





Michelle McNamara

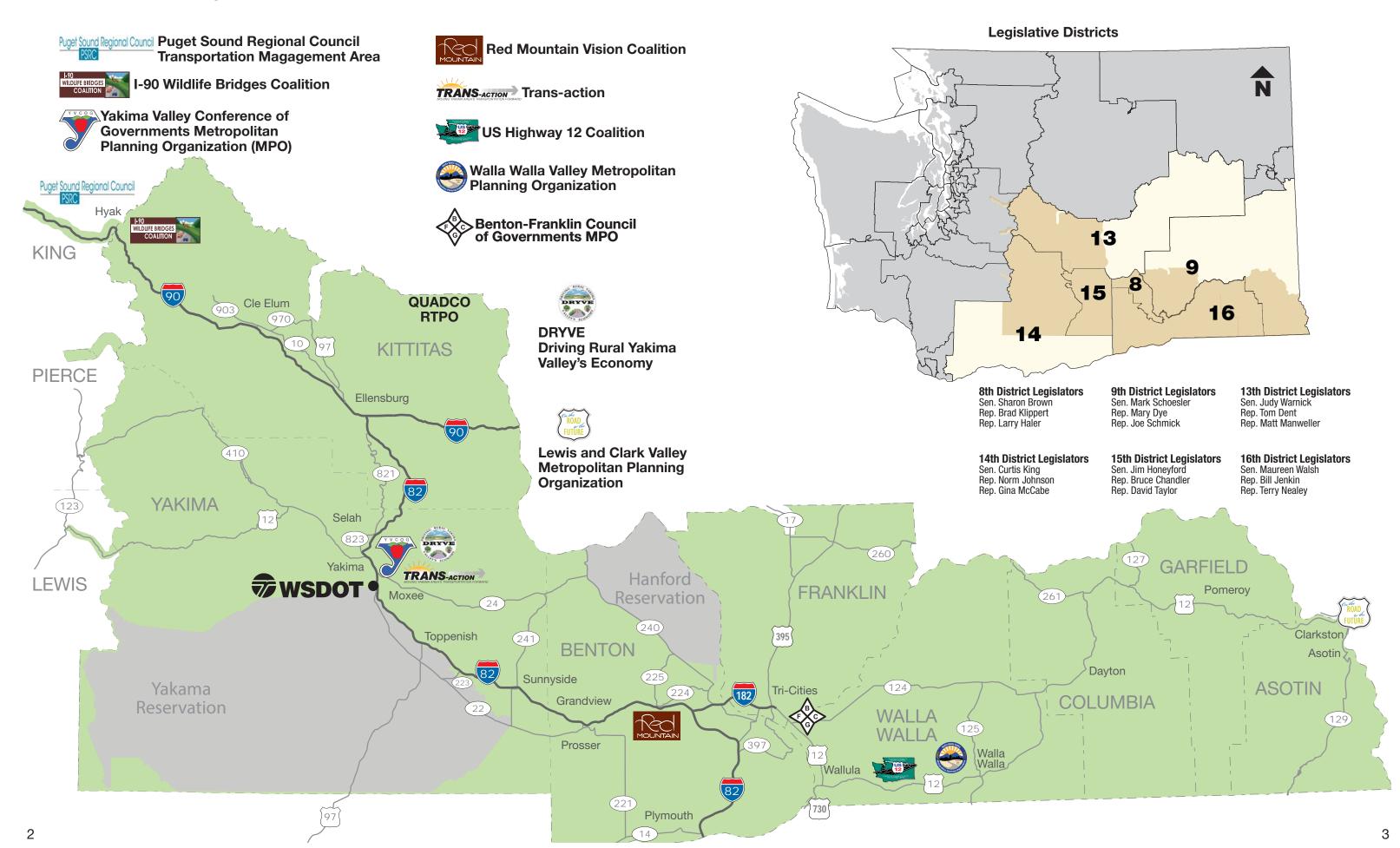
SCR Human

Resources Manager

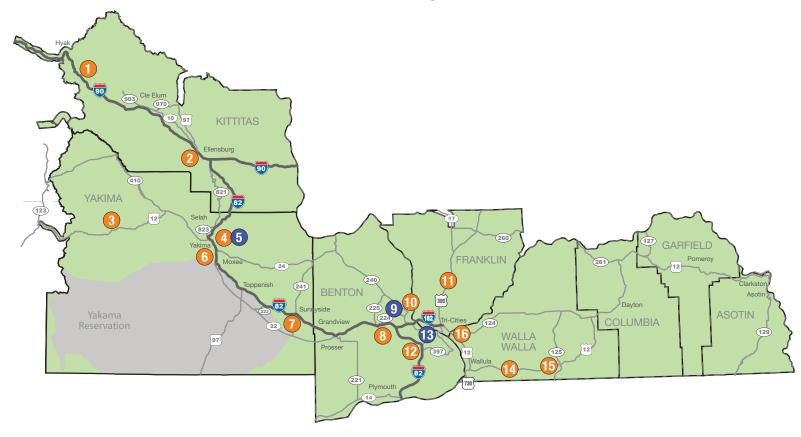
Personnel Training New Employee Orientation

South Central Region creates our success by working in partnership with our citizens, elected officials, contractors, and local agencies to plan, build, maintain, and operate a safe and efficient transportation system.

## **South Central Region works with many partners**



## **Key projects in South Central Region**



- 1-90 Snoqualmie Pass widen to Easton Build new six-lane highway and wildlife crossings www.wsdot.wa.gov/projects/l90/snoqualmiepasseast
- US 97 Dolarway Intersection Improvements Build new roundabout www.wsdot.wa.gov/projects/us97/dolarwayintersection
- 3 US 12 Wildcat Creek Bridge Replace bridge www.wsdot.wa.gov/projects/us12/wildcatcreekbridgerpl
- I-82 Yakima to Union Gap corridor improvements Widen I-82 to six lanes www.wsdot.wa.gov/projects/i82/yakimalanes
- East-West Corridor Overpass and Bridge Build a route connecting Yakima and Terrace Heights
- 6 I-82 South Union Gap Interchange Improvements Rebuild interchange, improve interstate access www.wsdot.wa.gov/projects/i82/souniongap\_ic
- SR 241 Mabton Bridge Replace bridges www.wsdot.wa.gov/projects/sr241/yakimariverbridgereplacement
- 3 I-82 Red Mountain Transportation Improvements Build new interchange and roundabout www.wsdot.wa.gov/projects/i82/redmountain
- 9 Duportail Bridge Build new bridge and road extensions

- SR 240 Richland Corridor Corridor improvements
- US 395 Safety Corridor Corridor improvements
- US 395 Ridgeline Drive Intersection
  Build interchange and improve access
- Lewis Street Bridge Build grade seperation
- US 12 near Walla Walla Complete Corridor Widening Build new four-lane divided highway www.wsdot.wa.gov/projects/us12/sr124wallula
- SR 125, 9th Street Plaza Build roundabout
- (6) SR 124 Monument Drive Railroad Crossing Construct bridge over railroad

#### **LEGEND**

WSDOT Projects

Local Projects



#### I-90 Snoqualmie Pass (Phase 1)

Description: Phase 1 improves five miles from Hyak to Keechelus Dam. This project will widen I-90, build and replace bridges including two new avalanche bridges, stabilize rock slopes, and expand chain-up and chain-off areas.

Budget: \$457 million (funded by Transportation Partnership Account)

Construction Timeline: 2009 - 2018

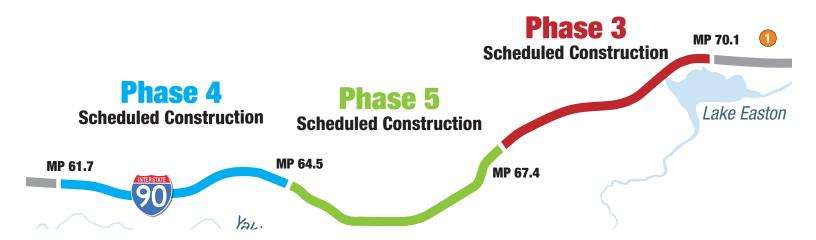


#### I-90 Snoqualmie Pass (Phase 2)

Description: Phase 2 improves two miles from Keechelus Dam to the Stampede Pass Interchange. This project will widen I-90, build and replace bridges, stabilize rock slopes, and build the first wildlife overcrossing in the project corridor.

Budget: \$108 million (funded by project savings from Phase 1)

Construction Timeline: 2015 - 2019



#### I-90 Snoqualmie Pass (Phase 3, 4, 5)

Description: Phases 3, 4, and 5 will improve close to nine miles from Stampede Pass Interchange to West Easton Interchange. These project will widen I-90, straighten curves, add/replace bridges and culverts including two new wildlife overcrossings near Easton, expand chain-up areas and address wildlife connectivity.

Budget: \$426 million (funded by Connecting Washington)

Construction Timeline: 2021 - 2027

## **Key projects in South Central Region**



#### **US 97 Dolarway Intersection Improvements**

Description: This project will add a right turn lane to westbound I-90 off-ramp, construct a new roundabout at the US 97 Dolarway intersection, and add a lane on northbound US 97 between the I-90 off-ramp and Dolarway.

Budget: \$3.92 million

(funded by Connecting Washington, City of Ellensburg and Kittitas County)

Construction Timeline: Spring 2017 - Fall 2017



#### I-82 Yakima to Union Gap (WSDOT)

Description: This project improves I-82 between US 12 and SR 24. It replaces bridges, and improves on/off connections. This project together with the City of Yakima and Yakima County will enhance access between Yakima and Terrace Heights and I-82 and will reduce congestion and the risk of collisions.

Budget: \$64.4 million (funded by Connecting Washington)

Construction Timeline: 2024 - 2026

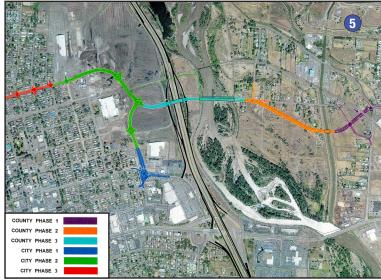


#### **US 12 Wildcat Creek - Replace Bridge**

Description: This project will replace the existing bridge built in 1936 over Wildcat Creek east of US 12 White Pass. This bridge is showing signs of deterioration due to age and normal wear.

Budget: \$12 million (funded by Connecting Washington)

Construction Timeline: Spring 2019 - Fall 2019



#### **East-West Corridor Overpass & Bridge (County)**

Description: This project will provide an alternative transportation corridor to connect the growing neighborhood of Terrace Heights to the City of Yakima and relieve congestion along Yakima Avenue and at other intersections in the city.

Budget: \$50 million (funded by Connecting Washington)

Construction Timeline: 2024 - 2026



#### I-82 South Union Gap Interchange

Description: This interchange currently has a westbound off-ramp and a eastbound on-ramp. This project will add a westbound on-ramp, a eastbound off-ramp and other improvements for full access to and from South Union Gap and I-82.

Budget: \$34 million (funded by Connecting Washington)

Construction Timeline: 2009 - 2018



#### I-82 Red Mountain (Phase 1)

Description: This project constructed a roundabout at the junction of SR 224 and SR 225 incorporating the adjacent I-82 ramp terminals. This project improved traffic flow by eliminating closely spaced intersections.

Budget: \$4.5 million (funded by Connecting Washington)

Construction Completed: 2016



#### SR 241 Mabton Vicinity - Retrofit Bridges

Description: Currently two adjacent load-restricted bridges on SR 241 near Mabton need repairs to remove their weight restrictions. This project will design and construct improvements to remove the weight restrictions and restore the structural integrity of the bridges.

Budget: \$12 million (funded by Connecting Washington)

Construction Timeline: Spring 2019 - Fall 2019



#### I-82 Red Mountain (Phase 2)

Description: This project will construct a new interchange on I-82 east of Benton City. The new interchange will provide direct access to West Richland and the surrounding Red Mountain area, through a new connection to SR 224.

Budget: \$27 million (funded by Connecting Washington)

Construction Timeline: Spring 2021 - Fall 2021

## **Key projects in South Central Region**



#### **Duportail Bridge (City of Richland)**

Description: This City of Richland intends to construct a four lane bridge over the Yakima River between the SR 240 Bypass Highway and Queensgate Drive, which will reduce volumes using I-182 between these roads.

Budget: \$38 million (funded by Connecting Washington)

Construction Timeline: Spring 2018 - Fall 2019



#### **SR 240 Richland Corridor Improvements**

Description: This project will construct intersection improvements along the SR 240 corridor in Richland. Improvements include acceleration and deceleration lanes, new channelization and signal system upgrades.

Budget: \$5 million (funded by Connecting Washington)

Construction Timeline: Spring 2020 - Fall 2020



#### **US 395 Safety Corridor**

Description: This project adds acceleration and deceleration lanes, improves existing left turn lanes, and constructs safety improvements between Pasco and the Franklin county line.

Budget: \$15 million (funded by Connecting Washington)

Construction Timeline: Spring 2019 - Fall 2019



#### **US 395 Ridgeline Drive Intersection**

Description: This project will construct improvements at the intersection of SR 395 and Ridgeline Drive to reduce congestion, improve access, and reduce the risk of collisions.

Budget: \$21 million (funded by Connecting Washington)

Construction Timeline: Spring 2020 - Fall 2020



#### **Lewis Street Bridge**

Description: This project will construct an overpass over the Burlington Northern Railroad tracks to replace the existing narrow roadway. The project includes new pedestrian and bicycle facilities.

Budget: \$26 million (funded by Connecting Washington)

Construction Timeline: TBA



#### SR 125 Plaza Way - Build Roundabout

Description: The intersection at SR 125 and Plaza Way experiences congestion due to heavy vehicle traffic. This project will construct a roundabout or other improvements to improve traffic flow and reduce the risk of collisions.

Budget: \$4 million (funded by Connecting Washington)

Construction Timeline: Spring 2019 - Fall 2019



#### US 12 near Walla Walla - Corridor Widening

Description: This project will construct the next section of a four-lane, limited access divided highway on US 12 from Nine Mile Hill to Frenchtown vicinity to reduce the risk of collisions and improve economic vitality. Design and right-ofway acquisition is funded for the last section of US 12 to be improved.

Budget: \$168.8 million (funded by Connecting Washington)

Construction Timeline: Spring 2019 - Fall 2020



#### **SR 124 Monument Drive Railroad Crossing**

Description: This project will eliminate the risk of train/vehicle collisions at this railroad crossing by building a bridge to allow SR 124 traffic to cross over the railroad.

Budget: \$11 million

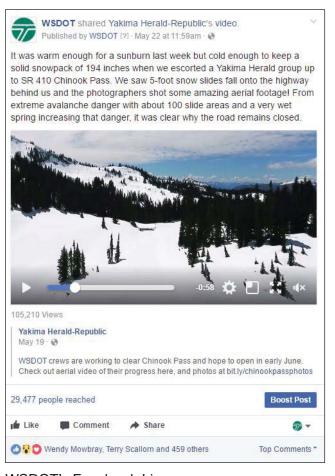
Construction Timeline: Spring 2017 - Fall 2017

### **Communications and Public Outreach**

#### Communicating in many ways



WSDOT's booth at the Central Washington State Fair and Benton Franklin Fair.







www.wsdot.wa.gov



US 12 Low Road Ground Breaking March 2017.





Chief John R. Batiste head of WSP presents an award to Kershaw Fruit.

#### **US 12 Low Road**

This project added an acceleration lane and warning beacons to reduce the risk of collisions. A groundbreaking ceremony was held to kick off the project and recognize Kershaw Fruit for their partnership efforts.

Budget: \$0.63 million (funded by Federal and Local Sources)

Construction Completed: 2017



#### US 12 Phase 7

This project will construct the next section of a four-lane, limited access divided highway on US 12 from Nine Mile Hill to Frenchtown. WSDOT worked extensively with impacted land owners to provide information, gather feedback, and minimize impacts.

Budget: \$140.1 million (funded by Connecting Washington)

Construction Timeline: 2019 -2020

## Responding to winter challenges

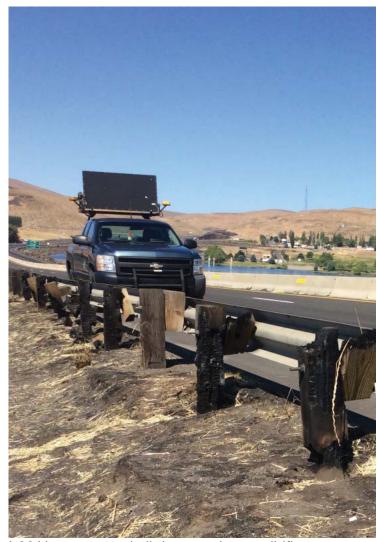
South Central Region maintenance crews are ready 24 hours a day, seven days a week to remove snow and ice on Snoqualmie and White Passes. On average Snoqualmie Pass receives about 430 inches of snow a year and White Pass receives about 380 inches of snow a year. Avalanche danger is a primary concern on Snoqualmie Pass and avalanche control technicians monitor avalanche hazards throughout the winter. On average, avalanche control technicians conduct about 90 avalanche control missions and use about 4,900 pounds of explosives.



## **Disaster recovery - Answering the call**



SR 129 Washout - April 2017

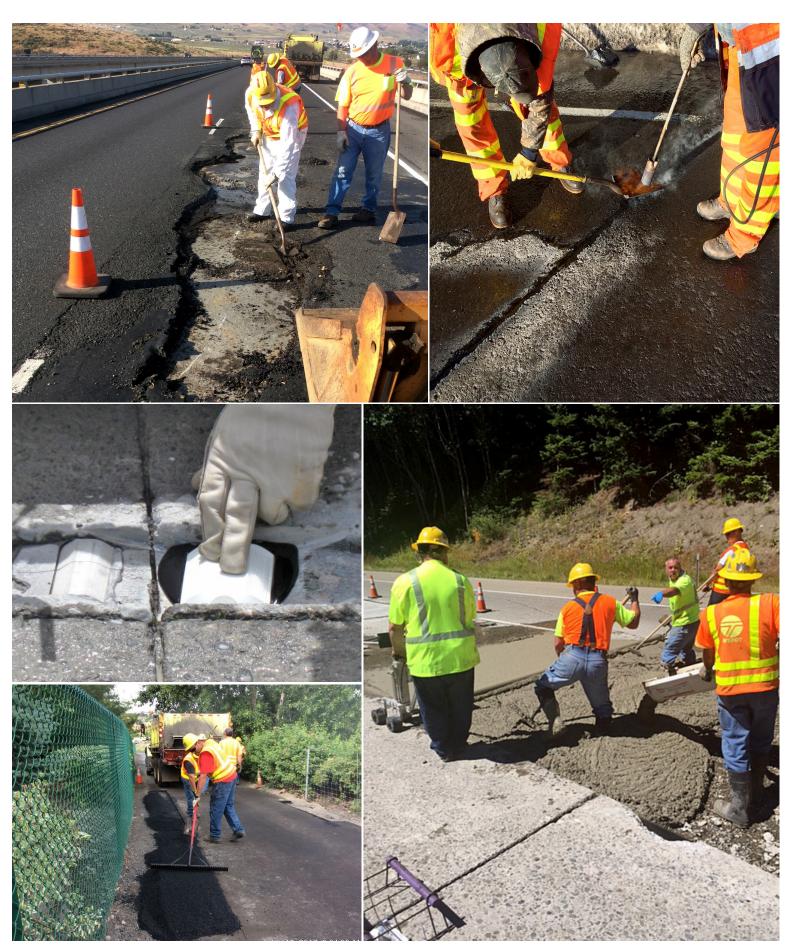


I-90 Vantage guardrail damage due to wildfire.



Wildfire on SR 410 closes the highway.

## **Maintenance and Operations**





### Issues and challenges



Assets continue to deteriorate including concrete and asphalt pavements.



Bridge assets require increasing amounts of repair.

The Department is shifting focus to fund more work on deteriorated bridge decks.



Community growth puts additional stress on facilities. Tri-cities is the fastest growing Metro area in the State.



Increasing volumes on routes creates congestion during summer construction.



Facilities are old, undersized and aging.



Providing adequate capacity and minimizing delays during construction is becoming increasingly difficult. Congestion occurs even when detours are provided.



Extreme runoff events cause damage to culverts and slopes.



Erosion of erodible slopes on US 12 is an ongoing challenge.



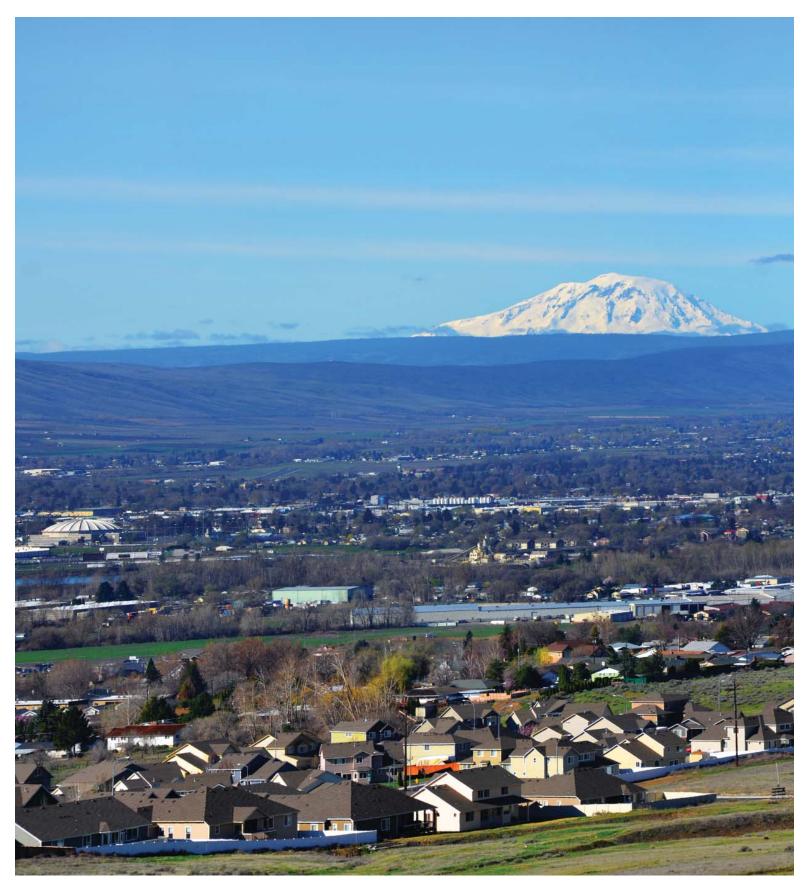
Wildfires can also close roadway. SR 410 Norse Peak Fire.



Underlying geotechnical problems like this slow moving landslide pose a risk of larger failure and closure of the route.



Wildfires can also impact winter operations. Closure on SR 241 due to snow drifts.



WSDOT South Central Region www.wsdot.wa.gov