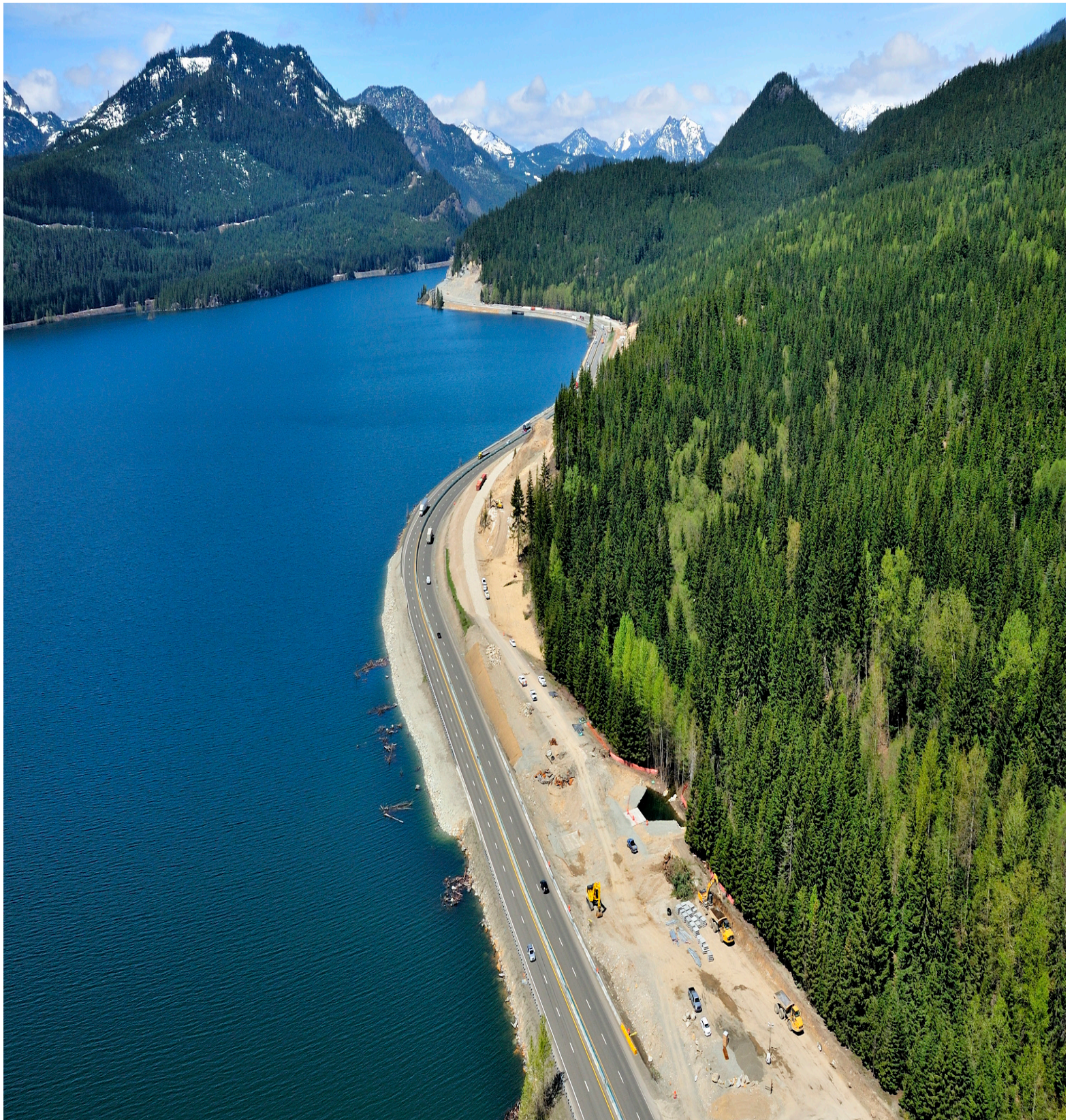




2017 JTC Tour - North Bend to Ellensburg

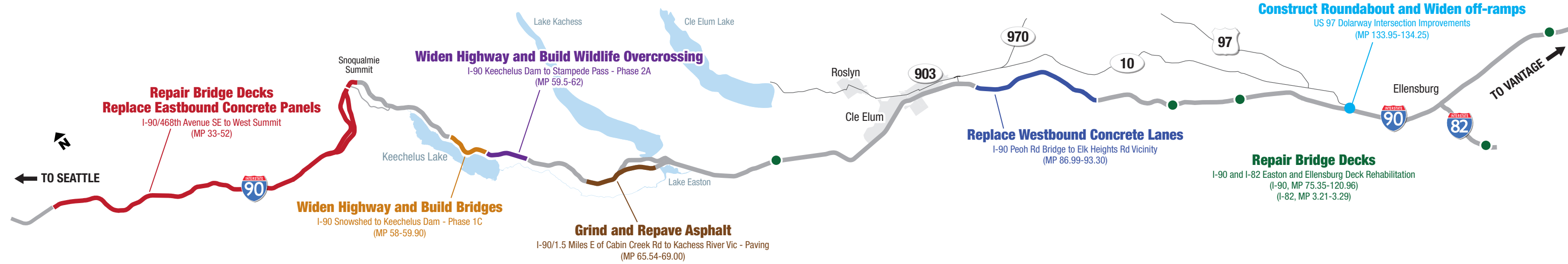
August 2017



Interstate 90 is a critical link connecting the large population and business centers of the Puget Sound with the agricultural industries and recreational activities of eastern Washington.

I-90 North Bend to Ellensburg

2017 Construction Contracts



I-90/468th Avenue SE to West Summit
Construction May 2017 - October 2017

What is WSDOT doing?

- Replacing cracked concrete panels in the eastbound lanes
- Repairing bridge decks in the westbound lanes between milepost 47 and 51
- Grinding concrete pavement for a smoother ride

I-90 Snowshed to Keechelus Dam (Phase 1C)
Construction April 2015 - October 2018

What is WSDOT doing?

- Adding lanes
- Building bridges
- Stabilizing rock slopes
- Replacing the snowshed with new avalanche bridges

I-90 Peoh Rd Bridge to Elk Heights Rd Vicinity
Construction April 2016 - November 2017

What is WSDOT doing?

- Replacing concrete pavement in the westbound lanes
- Replacing asphalt in the westbound shoulders

I-90 and I-82 Easton and Ellensburg Deck Rehabilitation

Construction May 2017 - October 2017

What is WSDOT doing?

- Repairing four bridge decks along I-90 and one bridge deck on I-82

I-90 Keechelus Dam to Stampede Pass (Phase 2A)
Construction June 2015 - October 2019

What is WSDOT doing?

- Adding lanes
- Building wildlife overcrossing
- Building bridges
- Adding chain-up area

I-90/1.5 Miles E of Cabin Creek Rd to Kachess River Vic - Paving
Construction August 2017 - October 2017

What is WSDOT doing?

- Grinding out deteriorating asphalt
- Repave with new Hot Mix Asphalt (HMA)

US 97 Dolarway Intersection Improvements
Construction May 2017 - October 2017

What is WSDOT doing?

- Constructing a roundabout
- Widening off-ramps

I-90 Tour Bus Stops



I-90 Price/Nobel Wildlife Overcrossing (Phase 2)



I-90 Price/Nobel Wildlife Overcrossing construction (August 2017)



I-90 Price/Nobel Wildlife Overcrossing (Design Concept)

First Wildlife Overcrossing for I-90

The arches spanning the future westbound lanes for the wildlife overcrossing were completed in 2016. Arches over the future eastbound roadway were set in August 2017. Retaining walls will be constructed to hold fill material that will create an earthen ramp up and over both sets of arches to form the first wildlife overcrossing above I-90.

I-90 Slide Curve & Avalanche Fences (Phase 1C)



I-90 Slide Curve construction (April 2016)



Avalanche Fences constructed at Slide Curve above I-90 (April 2016)

Elevating the roadway and holding back the snow

Construction on the avalanche fences was completed in 2016. Avalanche fences and anchored pipes increase friction on the slick slope holding snow in place and prevent avalanches from starting. The large retaining wall around slide curve is nearing completion. This wall is over 50 feet tall in places and will elevate the westbound lanes allowing expansion of I-90 without further excavation into the hillside.

I-90 Avalanche Bridges (Phase 1C)



Avalanche bridges (August 2017)



Avalanche bridges (Design Concept)

Snow under the bridge

The Snowshed has been demolished and is being replaced by eastbound and westbound avalanche bridges. The avalanche bridges are designed to allow avalanches and debris to flow under the highway, thereby reducing the number of road closures. WSDOT finished the first avalanche bridge Aug. 8, 2016. Work on the second avalanche bridge began summer 2016 and is scheduled to be completed in 2018.

I-90 Chain-up Area & ITS Signs (Phase 1B)



New chain-up area along I-90 (April 2016)



ITS signs and chain-up areas (December 2016)

New information signs and bigger new chain-up areas

A longer widened chain-up area was constructed as part of the I-90 Hyak to Snowshed Vicinity Phase 1B contract and includes additional overhead ITS signs. These signs allow active management of the chain-up area when traction restrictions are in place.

I-90 Gold Creek (Phase 1B)



New bridges at Gold Creek (June 2012).



Wildlife crossing under new bridges at Gold Creek (October 2014)

New bridges over Gold Creek

Longer bridges were constructed at the upper end of Keechelus Lake. These function as a wildlife crossing for most of the year except during spring when the lake is full. Removal of the old roadway fill allowed the highway expansion to avoid impacts to irrigation storage in the lake. Monitoring has shown an increase in wildlife using this area.

I-90/468th Avenue SE to West Summit



Repairing the I-90 westbound viaduct bridge deck (August 2017)



Placing the concrete bridge deck (August 2017)

Repairing deteriorated bridge decks and concrete pavement

The bridge decks on three westbound bridges along I-90 west of Snoqualmie Pass Summit are showing signs of deterioration. This project will repair and resurface the existing bridge decks to maintain structural integrity, continue safe operation of the highway, and extend the life of the bridges.

The concrete pavement on westbound I-90 from Snoqualmie Summit to North Bend is rough and deteriorated, causing a poor ride, and shortening the life of the pavement. By replacing severely deteriorated panels and grinding full width this project will extend the pavement life and provide a smoother ride. This project will also restore basic safety features such as signing and striping.



WSDOT South Central Region
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