

# **Corridor Sketch Summary**

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WSDOT's Corridor Sketch Initiative is a collaborative planning process with agency partners to identify performance gaps and select high-level strategies to address them on the 304 corridors statewide. This Corridor Sketch Summary acts as an executive summary for one corridor. Please review the User Guide for Corridor Sketch Summaries prior to using information on this corridor:

# US 97: SR 970 Jct (Lauderdale Jct) to US 2 Jct (Peshastin)

This 35-mile long north-south corridor runs between the State Route 970 junction in Kittitas County, seven miles east of Teanaway, and the US Route 2 junction in Peshastin. The corridor carves its way through the Okanogan-Wenatchee National Forest as it runs parallel to Swauk Creek, crisscrossing the creek. The corridor is rural in character and passes through mountainous terrain. The corridor crosses the Blewett Pass to the US 2 junction, also known as the Don Senn Memorial Interchange. Land uses consist of residential dwellings and agricultural areas. This segment runs perpendicular to the Wenatchee River and the BNSF Railway in Peshastin. Peshastin Creek also runs parallel to a portion of the corridor, eventually draining into the Wenatchee River at its northern terminus. There are several parks such as Peshastin Pinnacles State Park, Teanaway Community Forest, Wenatchee National Forest, and Mount Baker-Snoqualmie National Forest located on the corridor. Three airports are located near this section, DeVere Field and Cle Elum Municipal both located in Cle Elum, and Cashmere Dryden airport located east of Peshastin.



## **Current Function**

US 97 links Weed, California to the U.S.-Canada border in Okanogan County, Washington while serving cities along the route. It is a vital link to Interstate 90 and within Washington, US 97 provides access to forestlands, campgrounds, and other recreation. This segment of US 97 connects with numerous national forest roads, which provide access into the Okanogan-Wenatchee National Forest, Teanaway Community Forest, and other recreation facilities. As a result of the recreational facilities available along the corridor, seasonal events for outdoor activities, such as skiing, hiking, fishing, and hunting, as well as significant holiday and weekend traffic impact this corridor. The corridor also serves commuters who travel to Central Washington University, located southeast of the corridor in Ellensburg. Apple Line, Hope Source, and Wenatchee Mobility Services all provide public transit service on the corridor. One park and ride is easily accessible at the junction of US 2. Bicycle use is permitted on corridor shoulders, as there are no designated bike lanes.

## **Future Function**

Based on the projected population, land use, and economic trends, the future function of this corridor is expected to remain the same.

# **Highlights and Performance**

This portion of US 97 is a two-lane, undivided, unsignalized highway. The corridor includes slow vehicle turnouts and truck climbing lanes at multiple points along the route. The annual average daily traffic on this corridor is highest at the US 2 junction in Peshastin and lowest at the US 970 junction south of the Alpine Lakes Wilderness.

# What's working well?

- The entire corridor operates above WSDOT's congestion threshold.
- All surveyed pavements on the corridor are in fair or better condition.
- There are many operational strategies used on the corridor, such as fiber optics and vehicle messaging.
- The corridor's truck climbing lanes operate well to maintain mobility for all forms of traffic.

# What needs to change?

- The corridor has a high climate change vulnerability rating and is prone to extreme weather closures.
- Many creeks that the corridor crosses have major drainage issues.
- There are chronic environmental deficiencies and habitat connectivity sites on the corridor.
- There are 13 fish passage barriers on the corridor.

WSDOT monitors the state system in ongoing efforts to track asset performance. For this corridor, WSDOT finds:



<sup>1) 2015</sup> data unless otherwise noted. 2) For more information see the User Guide for Corridor Sketch Summaries at http://bit.ly/WSDOTcorridorsketch

## What we heard from our partners

WSDOT collected feedback from agency partners. Key themes included:

- A desire to see increased passing opportunities to reduce the conflict between freight and other motorized traffic on the entire corridor.
- Concerns about the impact of deer habitat connectivity on the corridor's mobility.
- Desire to find ways to address the regular washouts and rockslides that occur on the corridor due to stormwater drainage issues and unstable slopes.

# **Strategies**

WSDOT identified the following strategies and associated actions to keep the corridor working well and address performance gaps. Regional partners collaborated on high-level mobility strategies. The identified strategies are not meant to be all-inclusive, nor an established list of priorities. Further evaluation is needed before any strategy can be recommended as a solution to address performance. Project funding decisions will take place at the programming phase, and are subject to statewide prioritization. For more strategy information, visit the Corridor Sketch Summary User Guide.

| Policy Goals / Strategies | Description and Near-Term Actions  |
|---------------------------|--|
| <b>Economic Vitality</b>  |  |
| Under Development         | WSDOT will continue to work with partners in developing strategies to address economic vitality.   |
| Environment               |  |
| Protect and Maintain      | Protect and maintain existing assets that provide environmental function (these include WSDOT's mitigation sites, storm water systems, fish passable culverts).  |
| Enhance or Restore        | Enhance or restore natural areas and environmental functions associated with the multimodal transportation system.   |
| Fish Barrier Retrofit     | WSDOT has prioritized the removal of state-owned culverts that block habitat for salmon and steelhead. See interactive map of uncorrected fish barriers at http://www.wsdot.wa.gov/Projects/FishPassage/default.htm. |
| Mobility                  |  |
| Multimodal                | WSDOT will continue to pursue multimodal strategies to address performance issues, improve connectivity and transportation options while also closing gaps in our non-motorized/active transportation system.        |
| Assessment                | A mobility performance strategy has not been identified by WSDOT.  |
| Preservation              |  |
| Maintenance               | Preservation will include strategic pavement maintenance as necessary to extend the life of the pavement and utility of the asset.   |
| Maintenance               | Based on expenditure history, it is expected that the top three activities will continue to be maintenance on snow and ice control, pavement repair, and ditches.  |
| Pavement                  | WSDOT will continue to make spot repairs in areas that make sense for preservation of the pavement surface, along with, all other components of the roadway prism.   |
| Pavement                  | WSDOT has identified three Pavement actions in the next six years encompassing 98% of the corridor.  |
| Other Facilities          | WSDOT has identified four Other Facilities actions in the next six years at specific locations within this corridor.   |
| Stewardship               |  |
| Planning                  | Under Practical Solutions, the Corridor Sketch Initiative identifies corridor performance, and assesses alternative strategies to improve the quality, effectiveness, and efficiency of the transportation system.   |

## For more information

To find out more information about this corridor or how to get involved, please contact:

### Nicholas Manzaro

North Central Region Planning Office Planning Manager 509-667-2905 ManzarN@wsdot.wa.gov

Washington State Department of Transportation's Corridor Sketch Initiative is a set of planning activities that engage our partners to define the context and performance information for all of the state's 304 highway corridors. The Corridor Sketch complements and supports regional planning processes in Washington. It is not intended to duplicate, substitute or compete with other planning efforts; nor is it intended to generate lists of projects.

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