# Corridor Sketch Summary

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:

# SR 215: US 20 Jct (Okanogan) to US 97 Jct (Omak)

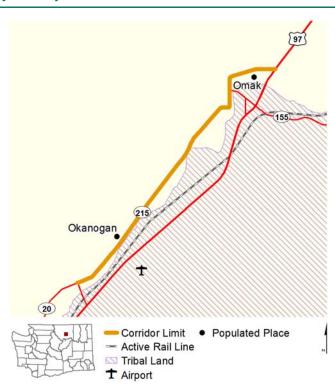
This six-mile long corridor is located in north central Washington, within Okanogan County. The corridor travels northeast, parallel to the Okanogan River, from the State Route 20 junction in Okanogan, passing the SR 155 Spur in Downtown Omak. The corridor then turns east until reaching its northeastern terminus at the US Route 97 and SR 20 intersection in North Omak. The corridor is urban/suburban in character. Land use transitions between residential housing and commercial establishments as the corridor travels through both cities. Development is in a grid-like manner throughout the corridor. Other land uses surrounding the corridor consist of light industrial, irrigated agriculture, and undeveloped land. The corridor passes near Eastside Park and Alma Park in Okanogan, which includes a basketball court, playground, and the outdoor Okanogan City Pool. Okanogan Legion Airport is located near the south end of the corridor. A majority of the corridor parallels the Cascade and Columbia River Railroad. Terrain is rolling as it runs along the foothills of the Cascade Mountains.

# **Current Function**

SR 215 is a short state highway connecting the cities of Okanogan to Omak. This corridor serves primarily commuters and intercity travel between Omak and Okanogan. The corridor is an alternate route to US 97, located east of SR 215. This is a limited access free flowing highway that provides alternate access in an emergency. Recreational attractors on the corridor are Eastside Park and Alma Park along the corridor, swimming pools, and the Omak Rodeo, a very well attended event. In addition to intersecting with US 97 and SR 20, this corridor connects with SR 155 within Omak. TranGo provides both fixed route transit and ADA paratransit. This highway experiences significant intercity travel. Sidewalks are present along the corridor for pedestrian use.

## **Future Function**

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



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## **Highlights and Performance**

SR 215 is generally a two-lane, undivided highway that expands to three lanes at some locations to include a center turn and left turn lanes. There are traffic signals at both corridor termini. Parallel parking is permitted along the corridor. The annual average daily traffic on this corridor is highest just north of its junction with SR 155 and lowest at the junction with SR 20.

### What's working well?

- The entire corridor performs above WSDOT's congestion threshold.
- The corridor provides access to transit centers.

### What needs to change?

- The entire corridor's pavement conditions have not been surveyed.
- Significant ponding and freezing occurs during winter months at the ADA ramps in downtown Omak and Okanogan.
- The entire corridor has a high potential for climate impacts.
- There are segments of the corridor with high-priority wildlife habitat connectivity issues.

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

| High  | Low   |   |                |           |  | Mobilit                                  | ty                                      |             |          |                         |      |
|---|---|---|----------------|-----------|--|--|---|-------------|----------|-------------------------|------|
| 12,257  | 4,472                                       | Annual Average Daily Traffic (AADT)           |                |           | Percent of Corridor Congested (Statewide Screen) |  |   |             |          |                         |      |
| 7.2%  | 4.3%  | Bus/Truck Percent                             |                |           |  |  |   |             |          |                         |      |
| 12.48   |   | Number of Lane Miles                          |                |           |  | 0%                                       | 20%                                     | 40%         | 60%      | 80%                     | 100% |
| 3   |   | # of Signalized/Stop Controlled Intersections |                |           |  | % Cong                                   | gested                                  | % Not Co    | ngested  |                         |      |
| \$3,13  | 0,000                                       | Corridor                                      | Investments (2 | 2005-201  | 16)  |  |   |             |          |                         |      |
| Preservation  |   |   |                |           |  | Environment Restore/ Enhar               |   |             | Enhance  |                         |      |
| Roadway Surface Type  |   |   |                |           |  |  | Protect                                 |             | Assess   |                         |      |
|   |   |   |                |           | Fish Barriers                                    |  | 100% Passable                           |             | 0% to Do |                         |      |
| 0%  | 20%   | 40%   | 60%            | 80%       | 100%   | Noise Walls                              |   | 0% Built    |          | 0% Proposed             |      |
| ACP BST PCCP Bridge<br>Roadway Surface Condition (Percent of Surveyed Area) |   |   |                |           |  | Chronic<br>Environmental<br>Deficiencies |   | 0% Resolved |          | 0% Unresolved           |      |
|   |   |   |                |           |  |  |   |             |          |                         |      |
| Poor  | & Very F                                    | Poor I  | Fair 🧧 Goo     | od & Very | Good   | Connect                                  | ivity                                   |             |          |                         |      |
| Corridor Bridge Preservation Needs  |   |   |                |           |  | Stormwater                               |   | 0 BMPs      |          | Retrofit Prioritization |      |
| Bord  | Border Bridge                               |   |                |           |  | Treatment                                |   | o Dim o     |          | in progress             |      |
| Bridge Repair Bridge Deck None  |   |   |                |           | 100.0 % of Corr                                  |  | ridor with high potential for increased |             |          |                         |      |
|   | Rehabilitate Bridge Paint Bridge Identified |   |                |           | Climate In                                       |  |   |             |          |                         |      |
| Replace Bridge Scour Repair   |   |   |                | None      | Wetland Mitigation Locations                     |  |   |             |          |                         |      |
| Seismic Retrofit Moveable Bridge  |   |   |                |           | 1  | Historical Bridges                       |   |             |          |                         |      |

1) 2015 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:

- There is a community desire to sign US 97 for bicyclists and provide them with a route onto SR 215.
- Concern over large storms causing ponding on SR 215 in Omak and Okanogan.

• Drainage grates at lip of the ADA ramps freeze up in winter, and stick down ADA ramps are not ideal for snowplowing.

# **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 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 repairing slope   |  |  |  |  |  |
| 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.   |  |  |  |  |  |
| 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:

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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.

Under 23 U.S. Code § 148 and 23 U.S. Code § 409, safety data, reports, surveys, schedules, lists compiled or collected for the purpose of identifying, evaluating, or planning the safety enhancement of potential crash sites, hazardous roadway conditions, or railway-highway crossings are not subject to discovery or admitted into evidence in a Federal or State court proceeding or considered for other purposes in any action for damages arising from any occurrence at a location mentioned or addressed in such reports, surveys, schedules, lists, or data.

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