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 155: US 2 Jct (Coulee City) to Grand Coulee

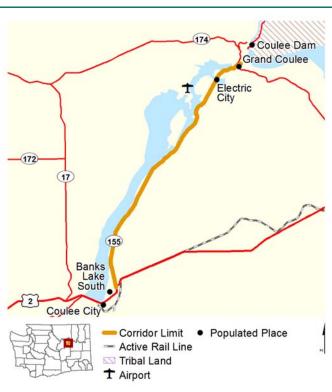
This 26-mile north-south corridor runs between the US Route 2 intersection in Coulee City and the city of Grand Coulee. The route lies within Grant County and carves its way through the cliffsides of the Columbia River Plateau passing Devils Punch Bowl, Osborn Bay Lake, and Crescent Bay and through Electric City. Within the cities of Grand Coulee, Electric City, and Coulee City, the corridor's character is suburban and the majority of the area's land use is residential. Between Coulee City and Grand Coulee, the corridor's character is principally rural with open space comprising being the primary land use. A number of agricultural areas are located at the south end of the corridor. The entire corridor hugs the eastern end of Banks Lake from Coulee City until reaching Grand Coulee. The Grand Coulee Dam, the largest electric powerproducing facility in the United States, is situated at the north end point of the corridor. Vegetation along the corridor is composed of a mix of grassland and agricultural land.

Current Function

State Route 155 is a state highway running between US 2 in Fordair over Disautel Pass to US 97 and SR 20 in the city of Omak. This segment of SR 155 is the main north-south route through the area around Grand Coulee Dam. The corridor is a heavily used freight corridor and intersects SR 174 and US 2. This route provides access to the communities of Coulee City, Electric City, Grand Coulee, and is in close proximity to the Grand Coulee Dam. The corridor carries a considerable amount of tourists and recreational users to the many outdoor facilities near the corridor, especially during the summer months, and is a designated Scenic Byway. The corridor provides access to Banks Lake, Steamboat Rock State Park, and the Dam. People for People paratransit and the Colville Tribe serve Coulee Dam connecting with Grant Transit Authority. There are no dedicated bike lanes or sidewalks on the corridor for bicyclists and pedestrians.

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

This corridor is a two-lane, undivided highway with several left turn only lanes. Within Grand Coulee, the corridor transitions into a three-lane highway with a two way turn lane. It transitions again near the Grand Coulee Dam into four lanes. The annual average daily traffic on this corridor is highest at the junction with SR 174 in Grand Coulee and lowest near mid-corridor.

What's working well?

- The entire corridor performs above WSDOT's congestion threshold.
- There are multimodal opportunities on the corridor such as transit centers.

What needs to change?

- A portion of the corridor has severe potholes and center rumble strips are blowing out.
- Narrow shoulders hinder non-motorized travel to Omak.

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

Mobility

High	Low	
5,040	1,030	Annual Average Daily Traffic (AADT)
12.3%	4.7%	Bus/Truck Percent
52	46	Number of Lane Miles
()	# of Signalized/Stop Controlled Intersections
\$3,60	0,000	Corridor Investments (2005-2016)

Preservation

Roadway Surface Type

0%	20%	40%	60%	80%	100%
	ACP	BST	PCCP	Bridge	
Roadway	Surface (Condition (Percent of	Surveyed	l Area)
0%	20%	40%	60%	80%	100%
Poor	r & Very Po	oor 📒 Fa	air 📕 Go	ood & Very	Good
		oor Fa		ood & Very	Good
Corridor E				ood & Very	Good
Corridor L	Bridge Pre				Good
Corridor E Bord Bridg	Bridge Pre er Bridge	servation I	Veeds	ck	
Corridor E Bord Bridg Reha	Bridge Pre er Bridge ge Repair	servation I	Veeds Bridge De	ck ge	None

Percent of Corria	or Congested	(Statewide Screen)
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0%	20%	40%	60%	80%	100%
	% Cong	ested 🔳	% Not Cor	ngested	

Environment

Enviro	onment	Protect	Restore/ Enhance/ Assess
Fish Ban	riers	100% Passable	0% to Do
Noise W	alls	0% Built	0% Proposed
Chronic Environn Deficien		0% Resolved	0% Unresolved
Wildlife Connect	ivity	0 Structures in Place	6 High Priority Miles
Stormwa Treatme		0 BMPs	Retrofit Prioritization in progress
100.0	% of Corridor with high potential for increased Climate Impacts		
None		Aitigation Locations	
None	Historical	Bridges	

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 is interested in collecting feedback from our partners. To provide feedback on this corridor, please contact the office indicated on the last page of this document.

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

Economic Vitality	
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 repairing slopes.
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.

Americans with Disabilities Act (ADA) Information

Individuals requiring reasonable accommodations may request written materials in alternate formats, sign language interpreters, physical accessibility accommodations, or other reasonable accommodations by contacting the event sponsor (enter name of event sponsor and phone number), by (insert date-usually two weeks advance notice). Persons who are deaf or hard of hearing may contact the event sponsor through the Washington Relay Service at 7-1-1.

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