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 164: Academy Dr SE (Auburn) to SR 410 Jct (Enumclaw)**

This 11-mile long, corridor is located in southern King County and runs between the junctions of Academy Dr SE in the city of Auburn and State Route 410 in the city of Enumclaw. The corridor is parallel to the White River and runs through Muckleshoot tribal lands. The portions of the corridor that are located in Auburn and through Muckleshoot tribal lands is suburban in character. Facilities and land uses on the corridor include the tribal center, housing authority, medical facilities, residential areas, school, and the White River Amphitheatre. The segment of the corridor that runs within Enumclaw is urban in character, with land use consisting of dense housing, commercial, and governmental facilities. Vegetation on the corridor ranges from lawns and street trees to pastures, and mixed conifer and hardwood trees. The corridor travels through rolling terrain.

**Current Function**

SR 164 connects SR 18 in Auburn and SR 410 in Enumclaw. The corridor functions as an urban commuter, recreational, and freight route. The corridor provides service to the Muckleshoot Indian Tribe’s Casino and the Muckleshoot White River Amphitheatre, which hosts events. Recreational commuters use the corridor to connect to SR 410 to access national forest and national park land in the Cascade Mountain Range. Pedestrians and bicyclists use the shoulders of this corridor and sidewalks within the city of Enumclaw. King County Metro provides DART and paratransit service and two park and rides are located off the corridor.

**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

Most of this corridor is a two-lane undivided highway. Within Auburn and Enumclaw, portions are signalized with a center turn lane in Auburn and Enumclaw. The annual average daily traffic on this corridor is highest at the north end in Auburn and lowest at the SR 169 junction in Enumclaw.

What's working well?

- The corridor operates above WSDOT’s adopted congestion threshold.
- King County Metro provides fixed bus and dial a ride transit along the entire length of the corridor.
- The two park and ride lots, one in Auburn and one in Enumclaw, are well-utilized.
- The corridor has a low climate change vulnerability rating.

What needs to change?

- Roughly 31% of surveyed pavements on the corridor are in poor to very poor condition.
- There are no dedicated pedestrian, bicyclist, or shared-use facilities on the corridor.
- The corridor bisects Tribal Lands and there are no sidewalks and few paths/pedestrian crossings especially at the bus stop.
- There are fish passage barriers present on the corridor.

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

### Mobility

<table>
<thead>
<tr>
<th>Percent of Corridor Congested (Statewide Screen)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0%</td>
</tr>
<tr>
<td>% Congested</td>
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</tbody>
</table>

### Environment

<table>
<thead>
<tr>
<th>Deficiencies</th>
<th>Project</th>
<th>Restore/Enhance/Assess</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fish Barriers</td>
<td>12.5% Passable</td>
<td>87.5% to Do</td>
</tr>
<tr>
<td>Noise Walls</td>
<td>0% Built</td>
<td>0% Proposed</td>
</tr>
<tr>
<td>Chronic Environmental Deficiencies</td>
<td>0% Resolved</td>
<td>0% Unresolved</td>
</tr>
<tr>
<td>Wildlife Connectivity</td>
<td>0 Structures in Place</td>
<td>1 High Priority Mile</td>
</tr>
<tr>
<td>Stormwater Treatment</td>
<td>8 BMPs</td>
<td>Retrofit Prioritization in progress</td>
</tr>
</tbody>
</table>


### What we heard from our partners

WSDOT collected feedback from agency partners. Key themes included:

- Interest expressed to emphasize on the importance of SR 164 as the main street for Auburn, Enumclaw, and the Muckleshoot Indian Reservation.
- Several partners would like to see improvements made to the highway in Auburn in order to increase the mobility of motorized traffic.
- Concern about the signalization of intersections in the city of Enumclaw.
- Interest in improving existing pedestrian facilities in Enumclaw.
- Events at the White River Amphitheatre intermittently create heavy traffic on the corridor.
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.

<table>
<thead>
<tr>
<th>Policy Goals / Strategies</th>
<th>Description and Near-Term Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economic Vitality</td>
<td><strong>Under Development</strong>&lt;br&gt;&lt;br&gt;<em>WSDOT will continue to work with partners in developing strategies to address economic vitality.</em></td>
</tr>
<tr>
<td>Environment</td>
<td><strong>Protect and Maintain</strong>&lt;br&gt;&lt;br&gt;<em>Protect and maintain existing assets that provide environmental function (these include WSDOT’s mitigation sites, storm water systems, fish passable culverts).</em>&lt;br&gt;&lt;br&gt;<strong>Enhance or Restore</strong>&lt;br&gt;&lt;br&gt;<em>Enhance or restore natural areas and environmental functions associated with the multimodal transportation system.</em>&lt;br&gt;&lt;br&gt;<strong>Fish Barrier Retrofit</strong>&lt;br&gt;&lt;br&gt;<em>WSDOT has prioritized the removal of state-owned culverts that block habitat for salmon and steelhead. See interactive map of uncorrected fish barriers at <a href="http://www.wsdot.wa.gov/Projects/FishPassage/default.htm">http://www.wsdot.wa.gov/Projects/FishPassage/default.htm</a>.</em></td>
</tr>
<tr>
<td>Mobility</td>
<td><strong>Assessment</strong>&lt;br&gt;&lt;br&gt;<em>A mobility performance strategy has not been identified by WSDOT.</em></td>
</tr>
<tr>
<td>Preservation</td>
<td><strong>Maintenance</strong>&lt;br&gt;&lt;br&gt;<em>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 sweeping and cleaning.</em>&lt;br&gt;&lt;br&gt;<strong>Pavement</strong>&lt;br&gt;&lt;br&gt;<em>WSDOT has identified one Pavement action in the next six years encompassing 21% of the corridor.</em></td>
</tr>
<tr>
<td>Safety</td>
<td><strong>Investment</strong>&lt;br&gt;&lt;br&gt;<em>WSDOT has identified one Safety Investment action in the next six years at a single location on this corridor.</em></td>
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<tr>
<td>Stewardship</td>
<td><strong>Planning</strong>&lt;br&gt;&lt;br&gt;<em>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.</em></td>
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For more information

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

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Corridor Planning Manager
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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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