**Project Description**

Repairs the Ruckel Creek culvert under Interstate 84 (Columbia River Highway) to extend the life of the structure and reduce future damage and maintenance needs.

**Purpose And Need**

The existing corrugated metal pipe culvert with a concrete-line bottom has deteriorated and needs repairs. At the outlet of the culvert, more material is needed to help address a change in height from the stream to the culvert.

**Proposed Solutions**

- Repair the culvert, including replacing a concrete culvert liner that is damaged and cracking.
- Address scour at the culvert’s outlet to aid in the flow of the stream and enhance fish passage.

**Anticipated Benefits**

- Extended lifespan of the culvert and increased safety of I-84 through repairs.

**Cost**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culvert</td>
<td>$1,381,051</td>
</tr>
<tr>
<td>Estimated Total Cost</td>
<td>$1,381,051</td>
</tr>
</tbody>
</table>

Concrete in need of repair inside the Ruckel Creek Culvert.

Project location on I-84 at Ruckel Creek, west of Cascade Locks.

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