OR224 at SE Monroe St
ODOT - Clackamas County

Project Description
Replaces the outdated traffic signal at the intersection of Oregon 224 (Clackamas Highway) and Monroe Street to increase safety for all modes of traffic.

Purpose And Need
This intersection is a high-crash site with 13 crashes between 2013 and 2017, including a crash involving a cyclist. The new traffic signal will include bicycle detection and push buttons for users, improving accessibility, enhancing connections for neighborhoods and businesses, and providing safer access across the highway.

Proposed Solutions
• Replace the entire traffic signal, including new bicycle detection and push buttons, improving safety, accessibility and connections.
• Install accessible curb ramps and curb extensions, paint and signs for bicycle lane, traffic separators and turn configuration changes.

Anticipated Benefits
• Improved safety and operations at the intersection for all modes of traffic.
• Coordination with a City of Milwaukie greenway project on Monroe Street to increase efficiency.

Cost

<table>
<thead>
<tr>
<th>Category</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operations</td>
<td>$2,481,274</td>
</tr>
<tr>
<td>Safety leverage</td>
<td>$3,076,643</td>
</tr>
</tbody>
</table>

Estimated Total Cost $5,557,917

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Existing conditions at the intersection of OR224 and Monroe Street in Milwaukie.

Project location at OR224 and Monroe Street in Milwaukie.