OR8 at 174th Ave, Armco Ave, Main St and A&B Row

ODOT - Washington County

21608

Project Description

Replaces the outdated traffic signal at the intersection of Oregon 8 (also known as Baseline Street/SW Oak/Pacific Avenue) and Main Street. Installs enhanced pedestrian crossings at the SW Oak/Armco Avenue, Pacific Avenue/A&B Row and 174th Avenue intersections.

Purpose And Need

The signal at the Main Street intersection is outdated and nearing the end of its useful life. Replacing the signal will improve the operations and safety of the intersection. The enhanced crossings will increase visibility of users and fill gaps in the sidewalk along OR8, increasing safety and accessibility.

Proposed Solutions

- Replace the entire traffic signal at Main Street.
- Install enhanced crossings at SW Oak and Armco Avenue, Pacific Avenue and A&B Row and 174th Avenue intersections.
- Install sidewalks on SW Baseline in Hillsboro.

Anticipated Benefits

- Improved intersection safety and signal operation.
- Increased pedestrian safety with enhanced crosswalks, sidewalks and improved access to businesses and transit.

Cost

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Operations</td>
<td>$2,804,159</td>
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<tr>
<td>Safety leverage</td>
<td>$1,911,258</td>
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<td>Active Transportation</td>
<td>$471,716</td>
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<td>Estimated Total Cost</td>
<td>$5,189,285</td>
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Draft 2021-2024 Oregon Statewide Transportation Improvement Program

Locations of a new traffic signal at OR8 and Main St and enhanced crossing at OR8 and SW Armco Ave.

Existing conditions of the traffic signal at the intersection of Baseline St. and Main St. in Hillsboro.