

# I-84: I-5 - Hood River

## Multnomah, Hood River

### Project Description

Update to larger signal heads with reflective backplates, install lighting, and update signs and striping at on- and off-ramps along Interstate 84 between Portland and Hood River.

### Purpose And Need

The specific intersections were selected based on crash data and crash history, which shows rear-end, angle and pedestrian/bike involved crashes. These types of low-cost solutions are expected to reduce crashes and improve safety at multiple on- and off-ramp locations on I-84.

### Proposed Solutions

Adding new reflective backplates and/or replacing outdated signal heads with larger sizes. Replacing worn and damaged signs and updating striping. Adding lighting at several ramp locations.

### Anticipated Benefits

- Upgrades outdated signal heads to larger sizes and adds reflective backplates to increase visibility of the signals for travelers, including at westbound 238th Avenue which is in the top 10% of all highway segments for crashes.
- Replaces worn and damaged signs and updates striping to reduce confusion and improves visibility of traffic control.
- Added lighting improves visibility and safety for all users, including at several crosswalks.
- Additional ramp locations include NE Holladay, NE Grand, NE 33rd, NE Halsey, NE Glisan, NE 68th, NE Multnomah, NE 122nd, NE 181st, Fairview Parkway, NE 238th, Marine Drive, Exit 62, 2nd St (Exit 63), the Anchor Way connector and U.S.30 Exit 64.

### Estimated Project Cost

Estimated total project cost	\$2,064,000
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*Project Location is various I-84 ramps in Region 1*



*An example of a small, non-standard signal head*

