OR8: SE Brookwood Ave - OR217
ODOT - Washington County

Project Description
Installs fiber optic cable on Oregon 8 (Tualatin Valley Highway) in sections where currently no communications infrastructure exists and replaces existing cellular communications equipment and copper communications cable.

Purpose And Need
In some areas, communications equipment does not exist or is outdated with limited functionality. New fiber optic cable will provide high bandwidth and increased capacity, allowing for connection with Intelligent Transportation infrastructure and real-time highway performance monitoring.

Proposed Solutions
• Install fiber optic cable where gaps exist in this section of highway.

Anticipated Benefits
• Increased capacity and compatibility with Intelligent Transportation infrastructure.
• Improved response time to traffic issues such as vehicle queuing with real-time highway monitoring.

Cost
- Operations: $535,124
- State Highway Leverage: $3,392,039
- Estimated Total Cost: $3,927,163

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Project location on OR8 in Washington County.

A typical intersection of OR8 where new communications equipment will be installed.

www.Oregon.gov/ODOT/STIP Draft 2021-2024 Oregon Statewide Transportation Improvement Program