DESCRIPTION
Signal upgrades. Replace signs and bike lane conflict markings. Remove and trim trees.

INCLUDED IN SCOPE
- Install new signal heads with reflectorized backplates at the intersections of Pacific Highway and Southwest Garret, Park Streets, Tigard Shopping Center, Southwest 116th Street, Durham Road, Southwest Fischer Road, Frontage Road, Southwest Sherwood Boulevard, Southwest Edy Road, North Argyle, Hamilton Streets, Southwest 30th Avenue, signalized parking lot, Southwest 53rd Avenue, Southwest 68th Parkway, and Southwest 72nd, 74th, Dartmouth, and 3rd Avenues.
- Improve signal lens to 12 inches at the intersection of Pacific Highway and Southwest 3rd Avenue.
- Remove and/or trim vegetation at intersection of Pacific Highway and Hall Boulevard (move utility pole), Southwest 71st and Watkins Avenues.
- Upsize the yield sign, install yield markings, and restripe fog line for right turn slip lane at Southwest Bull Mountain Road.
- Install necessary signage or upsize signs at multiple intersections.
- Install dilemma zone actuated warning system for south bound traffic (place the radar unit on the north center or NE corner pole), and tattletale lights at intersection of Southwest Beef Bend Road.
- Install green conflict markings for bike lanes at Southwest 22nd Avenue, 68th Parkway, 71st and 72nd Avenues, and Dartmouth Street.

ANTICIPATED BENEFITS
Improve signal and intersection safety by increasing visibility for drivers traveling on and entering the highway.

The Advanced Dilemma-Zone Detection system enhances safety at signalized intersections by modifying traffic control signal timing to reduce the number of drivers that may have difficulty deciding whether to stop or proceed during a yellow phase.