Increasing traffic signal operations and/or visibility
Information provided by Washington State Department of Transportation (WSDOT) Local Programs Division
Updated March 2017

General information
- WSDOT Traffic Signals and Signal Coordination (Timing) Web page
- 2009 Manual on Uniform Traffic Control Devices (with revisions 1 and 2 incorporated)
- Washington State Modifications to the 2009 MUTCD (WAC 468-95)
- Guidelines for Determining Traffic Signal Change and Clearance Intervals (a proposed recommended practice), Institute of Transportation Engineers, 2015

Strategies for increasing traffic signal operations and/or visibility
- Convert permitted phasing to protected or protected/permitted
- Convert permitted phasing to flashing yellow arrow
  - The Flashing Yellow Arrow Sequence diagram by Washington State Department of Transportation
- Update signal timing/coordination along the corridor
  - WSDOT Local Program's adaptive signal control technology (ASCT) Web page
- Install countdown pedestrian signals
  - Chapter 4E of the 2009 Manual on Uniform Traffic Control Devices (with revisions 1 and 2 incorporated)
- Add leading pedestrian intervals
- Add backplates (retroreflective) to signal heads
- Add retroreflective tape to existing backplates
  - Federal Highway Administration's Proven Safety Countermeasures for Backplates with Retroreflective Borders
- Upgrade from 8 inch to 12 inch signal lenses