



SCOPED PROJECT COSTS

Preliminary Engineering	\$ 1,462,966
Environmental	\$ 100,000
Right-of-Way	\$ 321,190
Construction Engineering	\$ 607,230
Construction	\$ 2,132,963
Contingency	\$ 853,185
TOTAL	\$ 5,527,534
REQUESTED FUNDS	\$ 4,959,856
MATCH %	10.27%

PROJECT DESCRIPTION:

Design, acquire right of way for and construct modifications to the intersection of Columbia Blvd and Alderwood Road



PURPOSE/NEED:

As determined through the Airport Futures traffic analysis and other previous studies, signals and turn lanes are needed at the intersection of Columbia Blvd and Alderwood Road. The improvements are needed to accommodate an increase in traffic as well as growth at Portland International Airport.

BENEFITS:

- Project will keep Columbia Blvd a viable freight route within the Columbia corridor
- Improvements supports the development of a multi-modal freight system, specifically for delivery of time critical air freight associated with Portland International Airport
- Improves National Highway System (NHS) intermodal connectors within the Columbia corridor

- Enhances neighborhood connections to employers within the Columbia corridor
- Improves safety by adding turn lanes, providing dedicated sidewalks and bike lanes

ASSUMPTIONS:

- Water quality treatment facility somewhere on the Colwood development
- Storm water pipe from the Columbia Blvd/ Alderwood intersection to the Columbia Slough
- Applied a taper on Columbia Blvd's east leg at Alderwood for future side by side left-turn lanes on Columbia Blvd between Cully and Alderwood
- Placed a right-turn lane on the westbound approach on Columbia Blvd at the Alderwood intersection
- 12-foot lanes and 6-foot shoulders
- Right-turn lane is 5-foot bike lane, 12-foot turn lane with 3-foot shoulder
- Sidewalks with curb on Alderwood and Columbia Blvd in the area of the intersection
- Sidewalk on the north side of Columbia Blvd between Alderwood and Cully
- Planter strips are placed along Alderwood
- Right-of-way acquisitions and donation of property from Colwood development
- All cost over-runs are the responsibility of the applicant

RISKS:

- None identified at this time