

OPTION 1: ORIGINAL ALIGNMENT (NW BANNISTER DR)



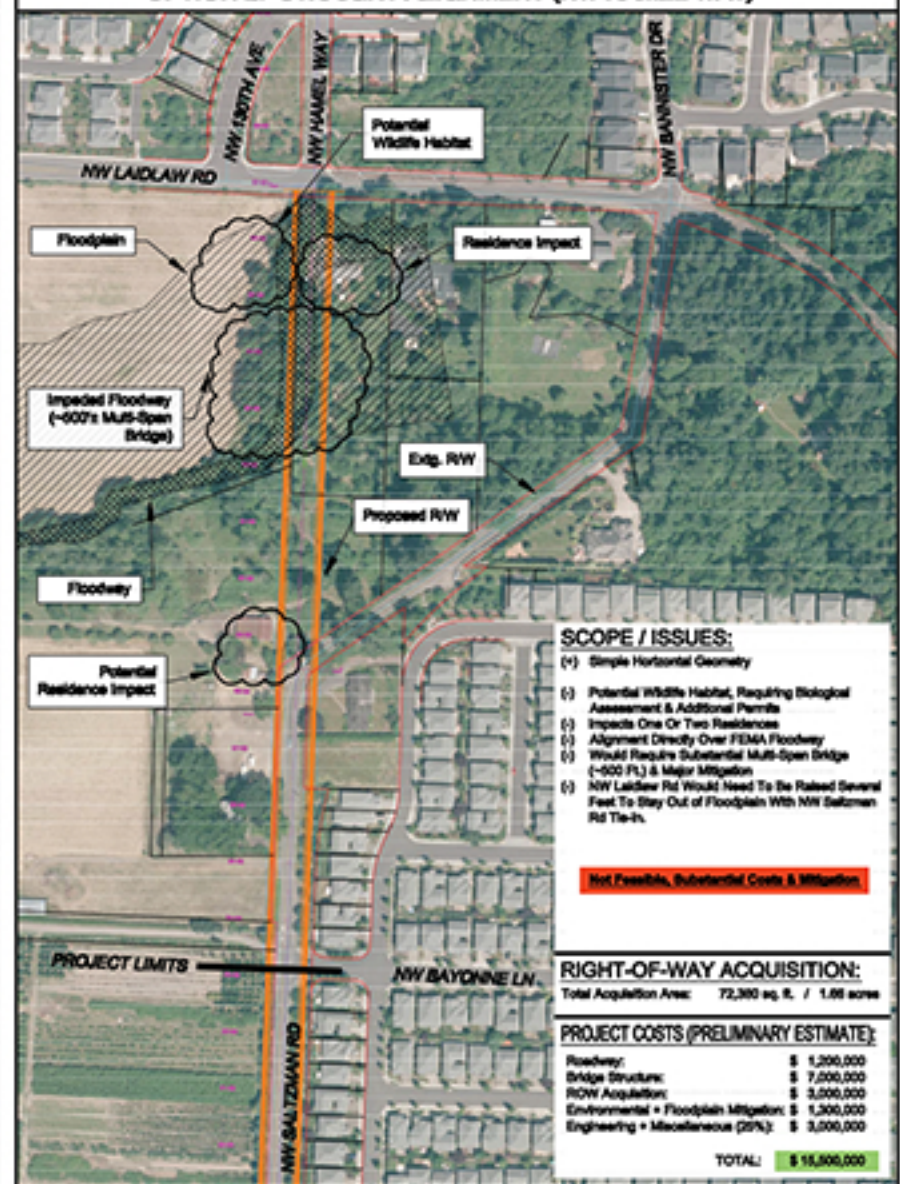
- SCOPE / ISSUES:**
- (+) Retains Exg. Roadway Intersection @ Laidlaw Rd
 - (+) No Floodplain Impact
 - (-) Larger Curve Radius To Meet 30 MPH Design Speed
 - (-) Requires Removal / Replacement Of Exg. Culvert
 - (-) Impacts One Or Two Residences
 - (-) Substantial Cut On South Curve & Other Topographic Issues Making Vertical Design To Meet Standards Difficult
 - (-) 4-Way Stop Due To Limited Sight Distance, Traffic Signal Not Warranted

RIGHT-OF-WAY ACQUISITION:
Total Acquisition Area: 55,730 sq. ft. / 1.28 acres

PROJECT COSTS (PRELIMINARY ESTIMATE):

Roadway:	\$ 2,000,000
Culvert Replacement:	\$ 200,000
ROW Acquisition:	\$ 3,000,000
Engineering + Miscellaneous (25%):	\$ 1,300,000
Laidlaw Improvements:	\$ 150,000
TOTAL:	\$ 6,650,000

OPTION 2: STRAIGHT ALIGNMENT (NW HAMEL WAY)



- SCOPE / ISSUES:**
- (+) Simple Horizontal Geometry
 - (-) Potential Wildlife Habitat, Requiring Biological Assessment & Additional Permits
 - (-) Impacts One Or Two Residences
 - (-) Alignment Directly Over FEMA Floodway
 - (-) Would Require Substantial Multi-Span Bridge (~600 Ft.) & Major Mitigation
 - (-) NW Laidlaw Rd Would Need To Be Raised Several Feet To Stay Out of Floodplain With NW Saltzman Rd Tie-In.

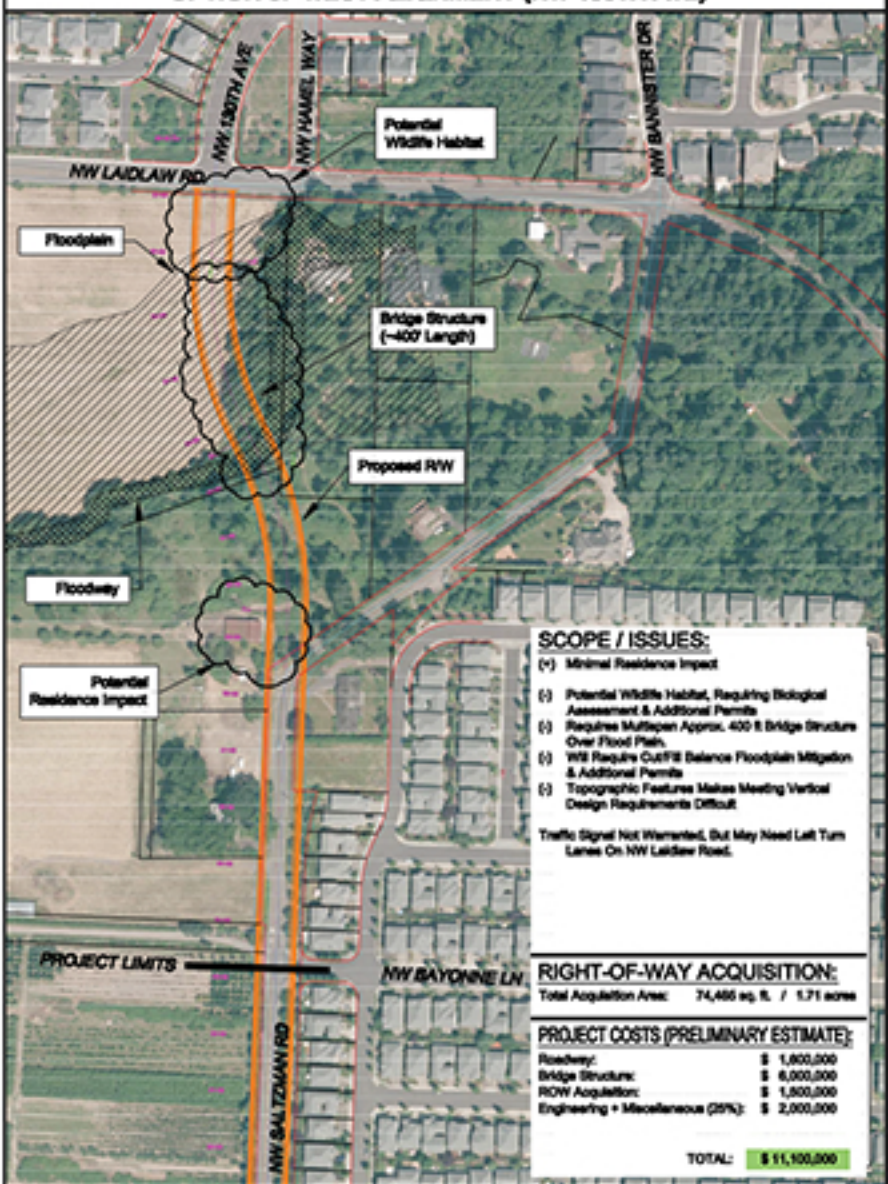
Not Feasible, Substantial Costs & Mitigation

RIGHT-OF-WAY ACQUISITION:
Total Acquisition Area: 72,380 sq. ft. / 1.66 acres

PROJECT COSTS (PRELIMINARY ESTIMATE):

Roadway:	\$ 1,200,000
Bridge Structure:	\$ 7,000,000
ROW Acquisition:	\$ 3,000,000
Environmental + Floodplain Mitigation:	\$ 1,300,000
Engineering + Miscellaneous (25%):	\$ 3,000,000
TOTAL:	\$ 15,500,000

OPTION 3: WEST ALIGNMENT (NW 130TH AVE)



- SCOPE / ISSUES:**
- (-) Minimal Residence Impact
 - (-) Potential Wildlife Habitat, Requiring Biological Assessment & Additional Permits
 - (-) Requires Multi-Span Approx. 400 ft Bridge Structure Over Flood Plain
 - (-) W/S Require CUF&E Balance Floodplain Mitigation & Additional Permits
 - (-) Topographic Features Makes Meeting Vertical Design Requirements Difficult
 - (-) Traffic Signal Not Warranted, But May Need Left Turn Lanes On NW Laidlaw Road.

RIGHT-OF-WAY ACQUISITION:
Total Acquisition Area: 74,460 sq. ft. / 1.71 acres

PROJECT COSTS (PRELIMINARY ESTIMATE):

Roadway:	\$ 1,800,000
Bridge Structure:	\$ 6,000,000
ROW Acquisition:	\$ 1,800,000
Engineering + Miscellaneous (25%):	\$ 2,000,000
TOTAL:	\$ 11,600,000

