

I-5/SR502 Interchange



This project was the result of a 2-year study for the I-5/I-205 north corridor and extensive public involvement. The new interchange provides congestion relief and improved safety for I-5 as well as adjacent interchanges. Construction activities began in Spring 2007 and were completed in Fall 2008.

Mitigation Types: stormwater, wetland, stream

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Significant Mitigation Drivers	Agency	Mitigation Categories	Mitigation Cost	% of Project Cost	Mitigation Comments
Clean Water Act Section 402	Ecology	Stormwater Facilities	\$5,574,000	10.8%	9 ponds and ecology embankment requiring over 8 acres of land and treating over 26 acres of impervious surface.
Clean Water Act Section 404 Clean Water Act Section 401	Corps Ecology	Wetlands Restoration	\$5,787,000	11.2%	Wetlands were mitigated within the project area, replacing nearly 12 acres of impact with 27 acres of created and enhanced wetlands with another 16 acres of wetland buffer.
Clean Water Act Section 401 Clean Water Act Section 402 Hydraulic Project Approval	Ecology Ecology WDFW	Stream Protection	\$306,000	0.6%	Two 10' steel culverts were installed with natural stream re-establishment.
		Totals	\$10,009,000	22.6%	

Stormwater treatment facilities and the creation of wetlands had a cost of nearly \$2 million combined just for adjacent property acquisition.



10.8%

Stormwater – \$5.57M



11.2%

Wetland – \$5.79M



0.6%

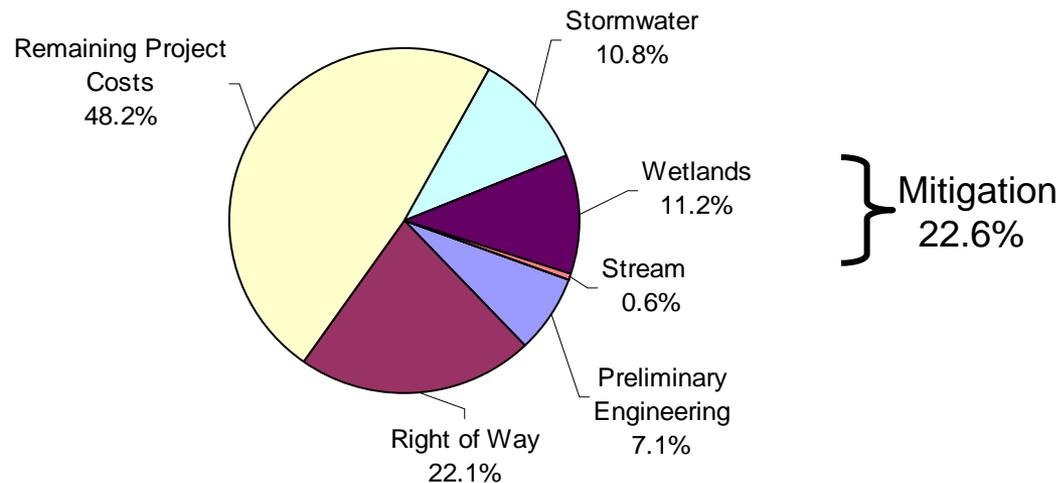
Stream – \$0.30M

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Phase Costs	
Preliminary Engineering	\$3.68M
Right of Way	\$11.45M
Construction	\$36.60M
Total	\$51.73M

Mitigation Costs		
Mitigation Elements	Total Mitigation Cost	% of Total Project Cost
Stormwater	\$5.57M	10.8%
Wetland	\$5.79M	11.2%
Stream	\$0.30M	0.6%
Total of Mitigation Elements	\$11.67M	22.6%
All Other Items	\$40.06M	
Total	\$51.73M	

Cost Breakdown



Lane Mile Cost Equivalence:

Adds new interchange at \$7.29M per lane mile.

Total project cost is \$51.73M for 7.1 new lane miles.

Minus the cost for mitigation - \$5.64M per lane mile.