I-5 Grand Mound to Maytown Widening

This project is one of four that will provide a minimum of three lanes in each direction of I-5 between Centralia and Marysville. In addition, existing on/off ramps will be upgraded to meet current design standards, providing important safety improvements. With nearly 80,000 vehicles per day using this section of roadway coupled with future growth an additional lane is paramount in keeping traffic moving. Construction activities began in April 2008 and is scheduled for completion in Summer 2010.

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	$16,765,000	18.2%	17 ponds and ecology embankment treating nearly 129 acres of impervious surface,
Clean Water Act Section 404 Clean Water Act Section 401	Corps Ecology	Wetlands Restoration	$855,000	0.9%	Included contribution to Upper Chehalis River Basin wetland bank.
Clean Water Act Section 401 Clean Water Act Section 404 Hydraulic Project Approval	Ecology Corps WDFW	Stream Protection	$726,000	0.8%	Three structural earth walls to minimize impacts.
		Totals	$18,346,000	19.9%	

Over 90% of the mitigation for this project is attributed to stormwater. The only right-of-way acquired for the project was for one of the ponds at a cost of $980,000. A temporary geo-synthetic wall was used to protect a wetland for a traffic revision during construction.

Stormwater – $16.76M

Wetland – $0.86M

Stream – $0.73M

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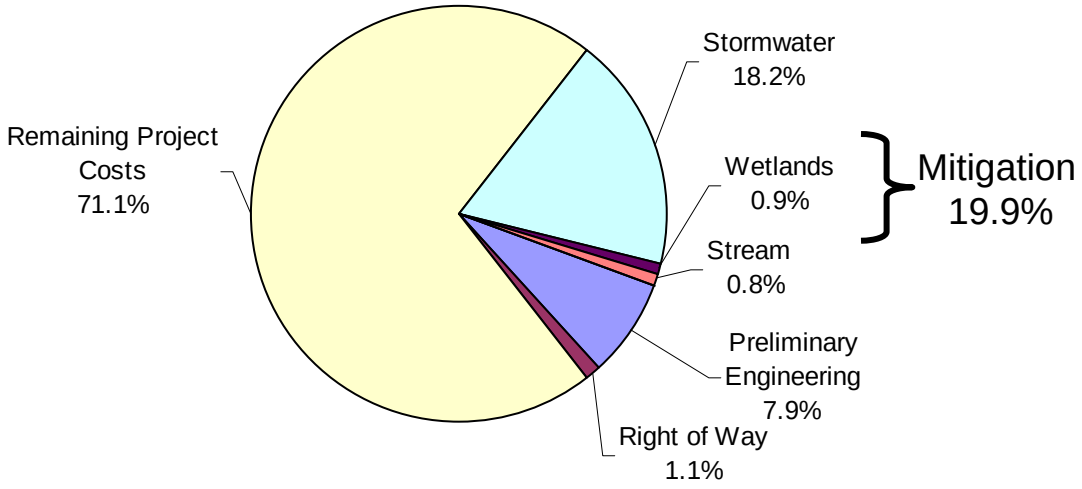
Phase Costs	
Preliminary Engineering	$7.28M
Right of Way	$0.98M
Construction	$83.87M
Total	$92.13M

Mitigation Elements	Total Mitigation Cost	% of Total Project Cost
Stormwater	$16.76M	18.2%
Wetland	$0.86M	0.9%
Stream	$0.73M	0.8%
Total of Mitigation Elements	$18.35M	**19.9%**
All Other Items	$73.78M	
Total	$92.13M	

Cost Breakdown



Lane Mile Cost Equivalence:

Adds two lanes at $5.62M per lane mile.

Total project cost is $92.13M for 16.4 new lane miles.

Minus the cost of mitigation - $4.50M per lane mile.