

SR 522 UW Bothell/Cascadia Community College Campus Access



Congestion at the north entrance to the UW Bothell/Cascadia Community College coupled with a continuous growth in student population are the primary drivers for this project. A new south access from SR 522 will be constructed along with an exclusive exit lane to the campus from the I-405 to westbound SR 522 off-ramp. A new bridge will also be constructed over the campus access street for the I-405 off-ramps. Construction activities began in April 2008 and are scheduled for completion in Fall 2009.

Mitigation Types: stormwater, stream, wetland

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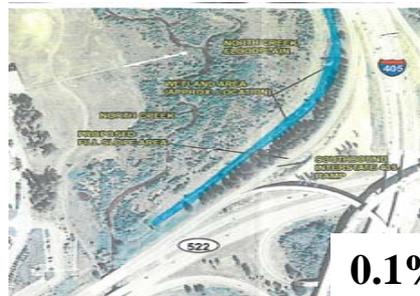
Significant Mitigation Drivers	Agency	Mitigation Categories	Mitigation Cost	% of Project Cost	Mitigation Comments
Clean Water Act Section 402	Ecology	Stormwater Facilities	\$5,467,000	11.1%	With limited space for stormwater facilities a 0.2 acre pond, detention vault and a minimal amount of ecology embankment was utilized, treating 4.22 acres of impervious.
Clean Water Act Section 404 Clean Water Act Section 401	Corps Ecology	Wetlands Restoration	\$17,000	<0.1%	This project applied surplus wetland credits from the N. Creek Relocation and floodplain restoration completed during the construction of UW/Cascadia CC Campus.
Clean Water Act Section 402 Hydraulic Project Approval	Ecology WDFW	Stream Protection	\$3,000	<0.1%	Minimal stream bank protection during pile driving, primarily requiring stream bank plantings.
		Totals	\$5,487,000	11.2%	

A majority of the 11.1% spent on stormwater mitigation is attributed to temporary efforts including a sand filtration system. The application of surplus wetland credits from the North Creek relocation and floodplain restoration project completed during the construction of the UW Bothell Cascadia Community College campus saved cost on this project from wetland impacts.



11.1%

Stormwater – \$5.47M



0.1%

Wetland – \$0.01M



0.1%

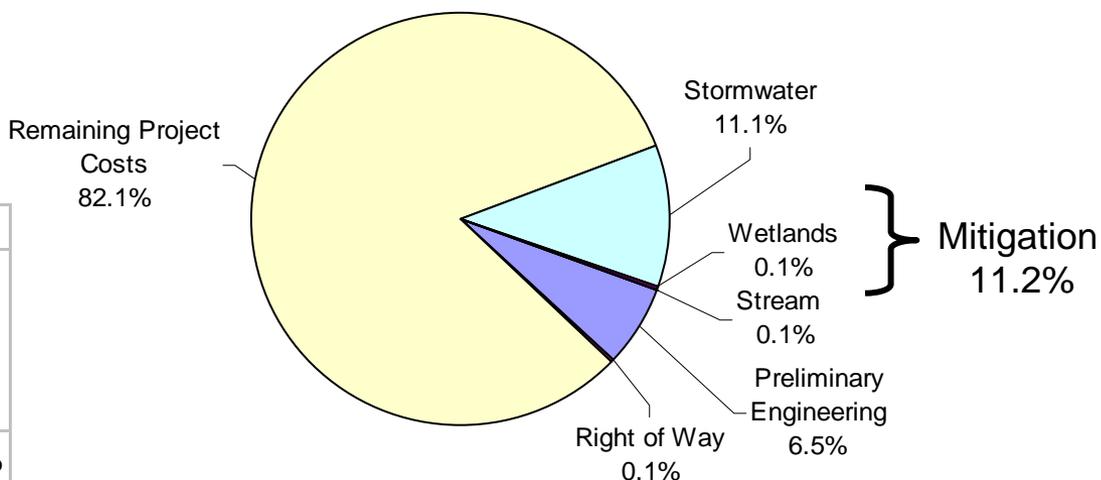
Stream – \$0.01M

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Phase Costs	
Preliminary Engineering	\$3.21M
Right of Way	\$0.06M
Construction	\$45.77M
Total	\$49.04M

Mitigation Costs		
Mitigation Elements	Total Mitigation Cost	% of Total Project Cost
Stormwater	\$5.47M	11.1%
Wetland	\$0.01M	0.1%
Stream	\$0.01M	<0.1%
Total of Mitigation Elements	\$5.49M	11.2%
All Other Items	\$43.55M	
Total	\$49.04M	

Cost Breakdown



Lane Mile Cost Equivalence:

Adds ramps/access at \$22.29M per lane mile.

Total project cost is \$49.04M for 2.2 new lane miles.

Minus the cost for mitigation - \$19.80M per lane mile.