

SR 500/I-205 Interchange Improvements



Increasing traffic volumes in conjunction with a short merge lane on westbound SR 500 created a highly congested area and an increased risk for collisions. The project lengthened the merge lane beyond the interchange area to help reduce the accident risk and improve overall operations. Construction activities began in Spring 2008 and were completed in June 2008.

Mitigation Types: stormwater (temporary), wetland

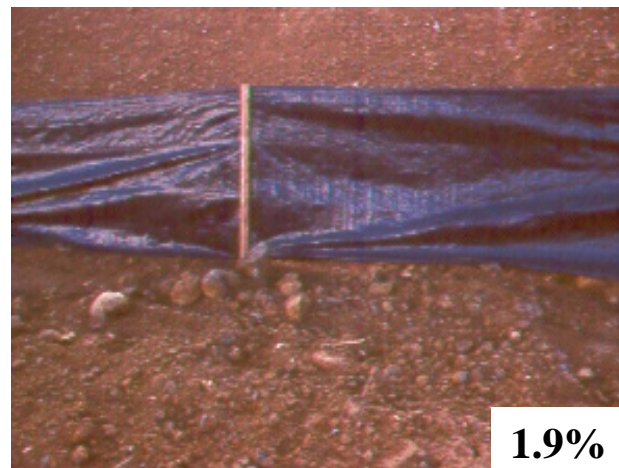
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Significant Mitigation Drivers	Agency	Mitigation Categories	Mitigation Cost	% of Project Cost	Mitigation Comments
Clean Water Act Section 404 Clean Water Act Section 401	Corps Ecology	Wetlands Restoration	\$66,000	10.5%	Wetland area plantings due to 0.022 acre of impact.
Clean Water Act Section 402	Ecology	Stormwater	\$12,000	1.9%	Consisted of temporary mitigation. Did not meet or exceed thresholds for treatment.
		Totals	\$78,000	12.4%	



10.5%

Wetland – \$0.01M



1.9%

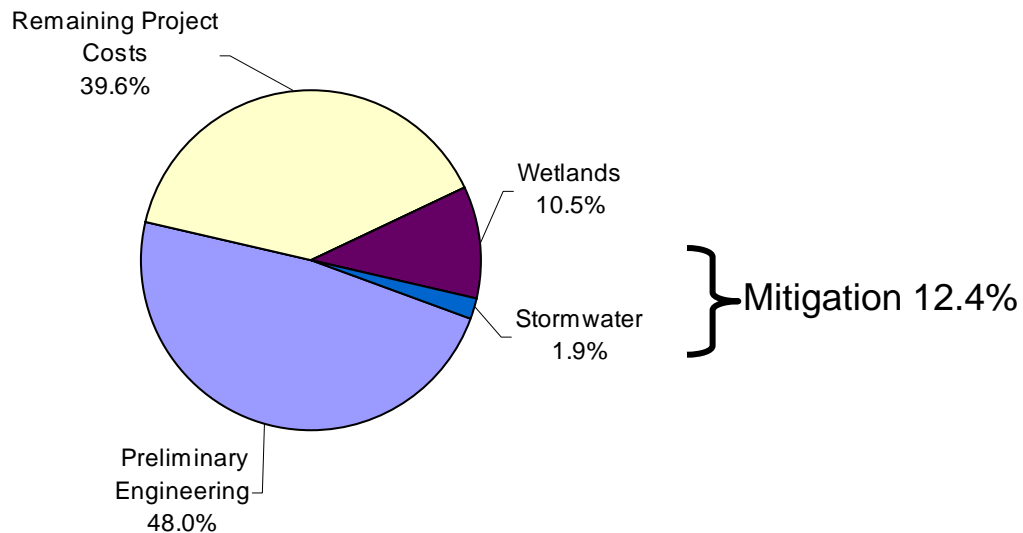
Stormwater – \$0.01M

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Phase Costs	
Preliminary Engineering	\$0.30M
Construction	\$0.33M
Total	\$0.63M

Mitigation Costs		
Mitigation Elements	Total Mitigation Cost	% of Total Project Cost
Wetland	\$0.07M	10.5%
Stormwater	\$0.01M	1.9%
Total of Mitigation Elements	\$0.08M	12.4%
All Other Items	\$0.55M	
Total	\$0.63M	

Cost Breakdown



Lane Mile Cost Equivalence:

Extends existing ramp at \$3.7M per lane mile.

Total project cost is \$0.63M for 0.17 new lane miles.

Minus the cost for mitigation: \$3.2M per lane mile.