

SR 539 Ten Mile Road to SR 546 Widening – Stage 1



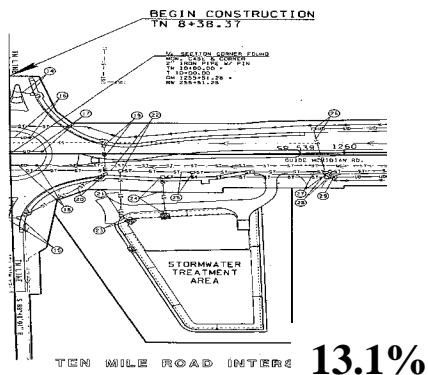
This is the second of three projects that provides significant improvements along the SR 539 corridor. With over 20,000 daily drivers on this section of roadway and being a popular freight route for trucks, traffic has exceeded the capacity of the highway. Over four miles of narrow two-lane highway will be transformed into a four-lane divided facility with roundabouts at key intersections. The project began construction in Spring 2008 and is expected to be complete by the Fall 2009.

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	\$12,341,000	13.1%	10 ponds, 2 bioswales and ecology embankment occupying 3.4 acres of land treated over 43 acres of impervious surface.
Clean Water Act Section 404 Clean Water Act Section 401	Corps Ecology	Wetland	\$8,720,000	9.3%	Nearly 12 acres of total wetland impact, mitigated with over 13 acres of new or enhanced wetlands plus 5 acres of on-site re-establishment.
Clean Water Act Section 401 Clean Water Act Section 404 Hydraulic Project Approval	Ecology Corps WDFW	Stream	\$1,211,000	1.3%	Two box culverts constructed for flood plain overflow.
		Totals	\$22,272,000	23.7%	

11 parcels were partially or completely acquired for stormwater facilities, costing over \$2M in right-of-way. 5 additional parcels were acquired for wetland mitigation at a cost of \$0.8M.



Stormwater – \$12.34M



Wetland – \$8.72M



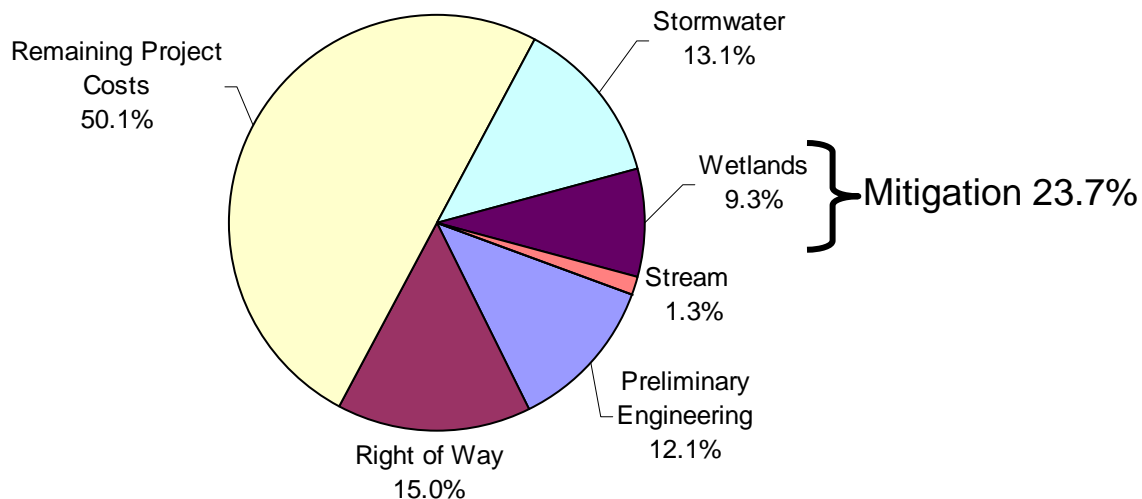
Stream – \$1.21M

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Phase Costs	
Preliminary Engineering	\$11.36M
Right of Way	\$14.05M
Construction	\$68.48M
Total	\$93.89M

Mitigation Costs		
Mitigation Elements	Total Mitigation Cost	% of Total Project Cost
Stormwater	\$12.34M	13.1%
Wetland	\$8.72M	9.3%
Stream	\$1.21M	1.3%
Total of Mitigation Elements	\$22.27M	23.7%
All Other Items	\$71.62M	
Total	\$93.89M	

Cost Breakdown



Lane Mile Cost Equivalence:

Adds 2+ lanes at \$9.4M per lane mile.

Total project cost is \$93.89M for 10 new lane miles.

Minus the cost for mitigation - \$7.2M per lane mile.