

Appendix D
Cascade Road Construction Cost Estimates

SUMMARY	#1 - Signals				#2 - Roundabouts				#3 - DDI			
	Total	Utoy Springs	I-285 & Cascade Pkwy	Shanter Trail	Total	Utoy Springs	I-285 & Cascade Pkwy	Shanter Trail	Total	Utoy Springs	I-285 & Cascade Pkwy	Shanter Trail
ESTIMATED TOTAL COST	\$26.7 million	\$5.55 million	\$18.1 million	\$3.05 million	\$21.4 million	\$5.55 million	\$13.4 million	\$2.45 million	\$17.8 million	\$5.55 million	\$9.2 million	\$3.05 million
Construction Cost	\$20.9 million	\$3.9 million	\$14.7 million	\$2.3 million	\$15.7 million	\$3.9 million	\$10.0 million	\$1.8 million	\$13.6 million	\$3.9 million	\$7.4 million	\$2.3 million
Engineering	\$4.3 million	\$0.8 million	\$3.0 million	\$0.5 million	\$3.3 million	\$0.8 million	\$2.1 million	\$0.4 million	\$2.8 million	\$0.8 million	\$1.5 million	\$0.5 million
Utility	\$0.3 million	\$0.15 million	\$0.10 million	\$0.05 million	\$0.3 million	\$0.15 million	\$0.10 million	\$0.05 million	\$0.3 million	\$0.15 million	\$0.1 million	\$0.05 million
Right of Way	\$1.2 million	\$0.7 million	\$0.3 million	\$0.2 million	\$2.1 million	\$0.7 million	\$1.2 million	\$0.2 million	\$1.1 million	\$0.7 million	\$0.2 million	\$0.2 million
R/W Impacts	28 parcels				25 parcels				28 parcels			
Relocations	None				3 to 4 parcels				None			
Operations Level of Service	D				A/B				C/D			
I-285 Bridge Impacts	New bridges; requires NEPA process				No change to existing bridges				No change to existing bridges			
South Utoy Creek Crossing Impacts	Minor bridge widening				Significant multi-cell box culvert				Minor bridge widening			
Construction Duration	3 years				2.5 years				2 years			