



INNOVATIVE IDEAS
EXCEPTIONAL DESIGN
UNMATCHED CLIENT SERVICE

New Carlisle Crosswalk Study
Tech Memo

Appendix F – Conceptual Cost Estimates



Alternative #1 - Pedestrian Warning Signs		COST	Contingency	Engineering	
			20%	15%	Total
1)	Pedestrian Warning Signs (3)	\$1,000	\$200	\$150	\$1,350
TOTAL =		\$1,000	\$200	\$150	\$1,350

Alternative #2 - Mid-block crosswalk with bulb out/extended curbs		COST	Contingency	Engineering	
			20%	15%	Total
1)	Removal of Pavement, Walk, & Curb	\$3,200	\$640	\$480	\$4,320
2)	Install New Sidewalk & Bulb-Outs	\$6,900	\$1,380	\$1,035	\$9,315
3)	Install ADA Compliant Curb Ramps (2)	\$2,000	\$400	\$300	\$2,700
4)	Crosswalk Striping	\$1,150	\$230	\$173	\$1,553
5)	Pedestrian Warning Signs (3)	\$1,000	\$200	\$150	\$1,350
6)	RRFB (Solar) (2)	\$21,000	\$4,200	\$3,150	\$28,350
7)	MOT, Mobilization, & Erosion Control	\$4,900	\$980	\$735	\$6,615
TOTAL =		\$40,150	\$8,030	\$6,023	\$54,203

Alternative #3 - Bulb out/extended crosswalk for the south crossing at Washington Street		COST	Contingency	Engineering	
			20%	15%	Total
1)	Removal of Pavement, Walk, & Curb	\$3,900	\$780	\$585	\$5,265
2)	Install New Sidewalk & Bulb-Outs	\$9,200	\$1,840	\$1,380	\$12,420
3)	Install ADA Compliant Curb Ramps (4)	\$4,000	\$800	\$600	\$5,400
4)	Crosswalk Striping	\$1,150	\$230	\$173	\$1,553
5)	Pedestrian Warning Signs (3)	\$1,000	\$200	\$150	\$1,350
6)	Remove and Replace Stop Sign	\$200	\$40	\$30	\$270
7)	RRFB (Solar) (2)	\$21,000	\$4,200	\$3,150	\$28,350
7)	MOT, Mobilization, & Erosion Control	\$5,300	\$1,060	\$795	\$7,155
TOTAL =		\$45,750	\$8,090	\$6,068	\$59,908

Washington Street Parking		COST	Contingency	Engineering	
			20%	15%	Total
1)	Pavement Markings	\$5,900	\$1,180	\$885	\$7,965
2)	Signing (16)	\$4,200	\$840	\$630	\$5,670
3)	MOT	\$700	\$140	\$105	\$945
TOTAL =		\$10,800	\$2,160	\$1,620	\$14,580