

GREENWAY CORRIDOR FEASIBILITY AND ASSESSMENT

Knoxville, Tennessee

CORRIDOR H - FIRST CREEK GREENWAY - BROADWAY

ROSS/FOWLER, P.C.

PIN: 118342.00

FHWA: STP-M-9109(162)

TDOT: 47LPLM-F0-090

COST SUMMARY	
GREENWAY CORRIDOR	H
CORRIDOR LENGTH	0.31 mi.
SURVEY	\$6,900
GEOTECHNICAL	\$21,000
PERMITS	
TDEC/USACE/TVA	\$5,000
EASEMENT/ACQUISITION DOCUMENT PREP.	\$2,500
RAILROAD CROSSING PERMIT REVIEW	\$0
DESIGN SERVICES	\$100,456
CONSTRUCTION	\$1,004,563
PROJECT TOTAL	\$1,140,419
TDOT NEPA	\$25,000
CEI	\$120,548
PROJECT TOTAL (FEDERAL/STATE \$\$)	\$1,285,966
EASEMENT/ACQUISITION**	
RESIDENTIAL (SF)	0
COMMERCIAL (SF)	1415
INDUSTRIAL (SF)	0
RAILROAD (SF)	0
AGRICULTURAL/FLOODWAY (SF)	3175
** (FIGURES ARE PRELIMINARY. PROJECT TIMING AND FUNDING SOURCE WILL DETERMINE RIGHT-OF-WAY PROCEDURES AND COST.)	
GENERAL NOTES	
1. THESE COSTS ARE EXCLUDED FROM THIS ESTIMATE A. RIGHT-OF-WAY/EASEMENT ACQUISITION B. MAJOR UTILITY LINE RELOCATIONS C. NEW TRAFFIC SIGNALIZATION D. NEW STREET LIGHTING E. NEW PEDESTRIAN LIGHTING	

CONSTRUCTION COST					
		UNIT	QUANTITY	UNIT COST	TOTAL
GENERAL CONDITIONS	GENERAL CONDITIONS	LS	1	\$59,600.00	\$59,600
	GENERAL CONDITIONS SUBTOTAL				\$59,600
DEMOLITION	ASPHALT REMOVAL	SY	220	\$4.00	\$880
	CONCRETE SIDEWALK 4" W/REINF. REMOVAL	SY	878	\$5.00	\$4,390
	CONCRETE CURB & GUTTER REMOVAL	LF	232	\$3.00	\$696
	CONCRETE WALL REMOVAL	CF	1,828	\$22.00	\$40,216
	SAW CUT 12" CONC WALL	LF	457	\$136.00	\$62,152
	REMOVE VEHICULAR GUARDRAIL	LF	457	\$10.00	\$4,570
	SILT FENCE	LF	1,900	\$2.00	\$3,800
	SEDIMENT TRAPS	EA	6	\$400.00	\$2,400
	DEMOLITION SUBTOTAL				\$119,104
GRADING	GRADING ALLOWANCE	LS	1	\$35,000.00	\$35,000
	GRADING SUBTOTAL				\$35,000
STORM DRAINAGE	STORM DRAINAGE ALLOWANCE	LS	1	\$30,000.00	\$30,000
	STORM DRAINAGE SUBTOTAL				\$30,000
UTILITIES	UTILITY RELOCATION ALLOWANCE	LS	1	\$20,000.00	\$20,000
	UTILITES SUBTOTAL				\$20,000
PAVING	CONCRETE CURB & GUTTER	LF	232	\$12.00	\$2,784
	10' PLAIN CONCRETE WALK (PEDESTRIAN)	LF	1,160	\$50.00	\$58,000
	6" CONC. PLANK W/TOPPING SLAB	SF	4,570	\$60.00	\$274,200
	PAVING SUBTOTAL				\$334,984
MASONRY WALLS	4' HI FREESTANDING WITH 30" METAL FENCE	LF	290	\$225.00	\$65,250
	WALLS SUBTOTAL				\$65,250
SITE FURNISHINGS	PEDESTRIAN GUARDRAIL, PAINTED STEEL	LF	500	\$180.00	\$90,000
	SITE FURNISHINGS SUBTOTAL				\$90,000
SIGNAGE	SIGNAGE- TRAFFIC	LS	1	\$2,500.00	\$2,500
	SIGNAGE- WAYFINDING	LS	1	\$10,000.00	\$10,000
	SIGNAGE SUBTOTAL				\$12,500
PLANTING	SEEDING ALLOWANCE	LS	1	\$3,500.00	\$3,500
	PLANTING ALLOWANCE	LS	1	\$35,000.00	\$35,000
	PLANTING SUBTOTAL				\$38,500
	GRAND SUB-TOTAL				\$804,938
	PROFIT (4%)				\$32,198
	SUBTOTAL				\$837,136
	ESTIMATING CONTINGENCY (20%)				\$167,427
	GRAND TOTAL				\$1,004,563