

GREENWAY CORRIDOR FEASIBILITY AND ASSESSMENT PROJECT

Knoxville, Tennessee
CORRIDOR M - LOVE'S CREEK GREENWAY

ROSS/FOWLER, P.C.
PIN: 118342.00
FHWA: STP-M-9109(162)
TDOT: 47LPLM-F0-090

COST SUMMARY	
GREENWAY CORRIDOR	M
CORRIDOR LENGTH	2.00 mi.
SURVEY	\$63,600
GEOTECHNICAL	\$48,000
PERMITS TDEC/USACE/TVA	\$10,000
EASEMENT/ACQUISITION DOCUMENT PREP.	\$35,000
RAILROAD CROSSING PERMIT REVIEW	\$0
DESIGN SERVICES	\$285,562
CONSTRUCTION	\$2,855,617
PROJECT TOTAL	\$3,297,779
TDOT NEPA	\$75,000
CEI	\$342,674
PROJECT TOTAL (FEDERAL/STATE \$\$)	\$3,715,453
EASEMENT/ACQUISITION**	
RESIDENTIAL (SF)	0
COMMERCIAL (SF)	217,800
INDUSTRIAL (SF)	166,800
RAILROAD (SF)	0
AGRICULTURAL (SF)	0
SOUTH WATERFRONT (SF)	0
** (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
MOBILIZATION	MOBILIZATION	LS	1	\$168,000.00	\$168,000
	MOBILIZATION SUBTOTAL				\$168,000
DEMOLITION	CLEARING (LIGHT)	AC	4	\$2,900.00	\$11,600
	SILT FENCE	LF	28,000	\$2.00	\$56,000
	SEDIMENT TRAPS	EA	10	\$400.00	\$4,000
	DEMOLITION SUBTOTAL				\$71,600
GRADING	GRADING ALLOWANCE	LS	1	\$550,000.00	\$550,000
	GRADING SUBTOTAL				\$550,000
STORM DRAINAGE	18" RCP INSTALLED	LF	850	\$54.00	\$45,900
	ADJUST EXISTING COVERS AND CASTINGS	EA	10	\$400.00	\$4,000
	JUNCTION BOX/CATCH BASIN	EA	10	\$2,500.00	\$25,000
	STORM DRAINAGE SUBTOTAL				\$74,900
UTILITIES	UTILITY RELOCATION ALLOWANCE	LS	1	\$45,000.00	\$45,000
	UTILITES SUBTOTAL				\$45,000
PAVING	1" C-S BITUMINOUS SURFACE COURSE	TON	587	\$129.00	\$75,706
	2" B-MODIFIED BITUMINOUS BASE COURSE	TON	1,196	\$93.00	\$111,243
	6" COMPACTED AGGREGATE, CLASS A, GRADE D	TON	3,271	\$35.00	\$114,476
	PAVING SUBTOTAL				\$301,425
WALLS	6' HIGH - CONC. RET.- FORMLINER	LF	710	\$203.00	\$144,130
	WALLS SUBTOTAL				\$144,130
STRUCTURES	50 FT. PEDESTRIAN BRIDGE	EA	1	\$110,000.00	\$110,000
	80 FT. PEDESTRIAN BRIDGE	EA	1	\$425,000.00	\$425,000
	BRIDGES SUBTOTAL				\$535,000
SITE FURNISHINGS	TRASH RECEPTACLES	EA	4	\$700.00	\$2,800
	BENCHES	EA	6	\$1,000.00	\$6,000
	BOLLARD	EA	8	\$1,000.00	\$8,000
	PEDESTRIAN GUARDRAIL, PAINTED STEEL	LF	710	\$180.00	\$127,800
	SITE FURNISHINGS SUBTOTAL				\$144,600
SIGNAGE	TRAFFIC SIGNAGE ALLOWANCE	LS	1	\$15,000.00	\$15,000
	WAYFINDING SIGNAGE ALLOWANCE	LS	1	\$30,000.00	\$30,000
	MID-BLOCK PED SIGNALS (2 POLES + FLASHERS)	EA	2	\$35,000.00	\$70,000
	PEDESTRIAN SIGNALS (2 POLES + HEADS)	EA	1	\$30,000.00	\$30,000
	SIGNAGE SUBTOTAL				\$145,000
PLANTING	SEEDING ALLOWANCE	LS	1	\$38,500.00	\$38,500
	PLANTING ALLOWANCE	LS	1	\$70,000.00	\$70,000
	PLANTING SUBTOTAL				\$108,500
	GRAND SUB-TOTAL				\$2,288,155
	PROFIT (4%)				\$91,526
	SUBTOTAL				\$2,379,681
	ESTIMATING CONTINGENCY (20%)				\$475,936
	GRAND TOTAL				\$2,855,617