

GREENWAY CORRIDOR FEASIBILITY AND ASSESSMENT PROJECT

Knoxville, Tennessee  
CORRIDOR D - SECOND CREEK GREENWAY EXTENSION

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

COST SUMMARY	
GREENWAY CORRIDOR	D
CORRIDOR LENGTH	1.10 mi.
SURVEY	\$29,000
GEOTECHNICAL	\$10,000
PERMITS - TDEC/USACE/TVA	\$70,000
EASEMENT/ACQUISITION DOCUMENT PREP.	\$7,500
RAILROAD CROSSING PERMIT REVIEW	\$10,000
DESIGN SERVICES	\$113,897
CONSTRUCTION	\$1,138,970
PROJECT TOTAL	\$1,379,367
TDOT NEPA CEI	\$100,000 \$136,676
PROJECT TOTAL (FEDERAL/STATE \$\$)	\$1,616,044
EASEMENT/ACQUISITION**	
RESIDENTIAL (SF)	0
COMMERCIAL (SF)	0
INDUSTRIAL (SF)	118,840
RAILROAD (SF)	NITU WITH CSX
AGRICULTURAL (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	\$67,600	\$67,600
	MOBILIZATION SUBTOTAL				\$67,600
DEMOLITION	ASPHALT REMOVAL	SY	1,121	\$4.00	\$4,484
	GRAVEL REMOVAL, 12" DEPTH	SY	1,696	\$2.50	\$4,240
	CONCRETE SIDEWALK 4" W/REINF. REMOVAL	SY	469	\$5.00	\$2,345
	CONCRETE CURB & GUTTER REMOVAL	LF	844	\$3.00	\$2,532
	RAILROAD TRACK REMOVAL	LF	1,710	\$15.00	\$25,650
	SILT FENCE	LF	6,000	\$2.00	\$12,000
	SEDIMENT TRAPS	EA	9	\$400.00	\$3,600
	DEMOLITION SUBTOTAL				\$54,851
GRADING	GRADING ALLOWANCE	LS	1	\$90,000.00	\$90,000
	GRADING SUBTOTAL				\$90,000
STORM DRAINAGE	STORM DRAINAGE ALLOWANCE	LS	1	\$40,000.00	\$40,000
	STORM DRAINAGE SUBTOTAL				\$40,000
UTILITIES	UTILITY RELOCATION ALLOWANCE	LS	1	\$35,000.00	\$35,000
	UTILITES SUBTOTAL				\$35,000
PAVING	CONCRETE CURB & GUTTER	LF	755	\$12.00	\$9,060
	10' PLAIN CONCRETE WALK (PEDESTRIAN)	LF	400	\$50.00	\$20,000
	1" C-S BITUMINOUS SURFACE COURSE	TON	368	\$129.00	\$47,473
	2" B-MODIFIED BITUMINOUS BASE COURSE	TON	750	\$93.00	\$69,757
	6" COMPACTED AGGREGATE, CLASS A, GRADE D	TON	2,051	\$35.00	\$71,785
	26' ASPHALT (4" OVER 8"), C&G BOTH SIDES	LF	317	\$180.00	\$57,060
	PAVING SUBTOTAL				\$275,135
WALLS	4 FT STONE WALLS	LF	175	\$350.00	\$61,250
	WALLS SUBTOTAL				\$61,250
STRUCTURES	80 FT. PEDESTRIAN BRIDGE	LS	1	\$200,000.00	\$200,000
	STRUCTURES SUBTOTAL				\$200,000
SITE FURNISHINGS	TRASH RECEPTACLES	EA	4	\$700.00	\$2,800
	BENCHES	EA	4	\$1,000.00	\$4,000
	BOLLARD	EA	10	\$1,000.00	\$10,000
	SITE FURNISHINGS SUBTOTAL				\$16,800
SIGNAGE	TRAFFIC SIGNAGE ALLOWANCE	LS	1	\$5,000.00	\$5,000
	WAYFINDING SIGNAGE ALLOWANCE	LS	1	\$15,000.00	\$15,000
	SIGNAGE SUBTOTAL				\$20,000
PLANTING	SEEDING ALLOWANCE	LS	1	\$12,000.00	\$12,000
	PLANTING ALLOWANCE	LS	1	\$40,000.00	\$40,000
	PLANTING SUBTOTAL				\$52,000
	GRAND SUB-TOTAL				\$912,636
	PROFIT (4%)				\$36,505
	SUBTOTAL				\$949,142
	ESTIMATING CONTINGENCY (20%)				\$189,828
	GRAND TOTAL				\$1,138,970