

GREENWAY CORRIDOR FEASIBILITY AND ASSESSMENT PROJECT

Knoxville, Tennessee

CORRIDOR B - THIRD CREEK GREENWAY EXTENSION

ROSS/FOWLER, P.C.

PIN: 118342.00

FHWA: STP-M-9109(162)

TDOT: 47LPLM-F0-090

COST SUMMARY	
GREENWAY CORRIDOR	B
CORRIDOR LENGTH	3.61
SURVEY	\$68,300
GEOTECHNICAL	\$43,000
PERMITS - TDEC/USACE/TVA	\$70,000
EASEMENT/ACQUISITION DOCUMENT PREP.	\$28,500
RAILROAD CROSSING PERMIT REVIEW	\$10,000
DESIGN SERVICES	\$470,478
CONSTRUCTION	\$4,704,780
PROJECT TOTAL	\$5,395,058
TDOT NEPA CEI	\$50,000 \$564,574
PROJECT TOTAL (FEDERAL/STATE \$\$)	\$6,009,631
EASEMENT/ACQUISITION**	
RESIDENTIAL (SF)	11,900
COMMERCIAL (SF)	12800
INDUSTRIAL (SF)	77,350
RAILROAD (SF)	0
AGRICULTURAL/OPEN SPACE (SF)	10,925,200
** (FIGURES ARE PRELIMINARY. PROJECT TIMING AND FUNDING SOURCE WILL DETERMINE RIGHT-OF-WAY PROCEDURES AND COST.)	
GENERAL NOTES	
<p>1. THESE COSTS ARE EXCLUDED FROM THIS ESTIMATE</p> <p>A. RIGHT-OF-WAY/EASEMENT ACQUISITION</p> <p>B. MAJOR UTILITY LINE RELOCATIONS</p> <p>C. NEW TRAFFIC SIGNALIZATION</p> <p>D. NEW STREET LIGHTING</p> <p>E. NEW PEDESTRIAN LIGHTING</p> <p>2. IN CORRIDOR A TENNOVA HOSPITAL IS PROPOSING TO BUILD 0.87 MILES OF GREENWAY TRAIL ON THEIR PROPERTY. THE COST OF THIS GREENWAY TRAIL CONSTRUCTION IS NOT INCLUDED IN THIS ESTIMATE.</p>	

CONSTRUCTION COST					
		UNIT	QUANTITY	UNIT COST	TOTAL
MOBILIZATION	MOBILIZATION	LS	1	\$279,249	\$279,249
	MOBILIZATION SUBTOTAL				\$279,249
DEMOLITION	CLEARING (HEAVY)	AC	2	\$9,750.00	\$19,500
	ASPHALT REMOVAL	SY	8,833	\$4.00	\$35,332
	ASPHALT DRIVEWAY REMOVAL	SY	1,667	\$5.00	\$8,335
	CONCRETE SIDEWALK 4" W/REINF. REMOVAL	SY	3,777	\$5.00	\$18,885
	CONCRETE CURB & GUTTER REMOVAL	LF	955	\$3.00	\$2,865
	TRAFFIC CONCRETE REMOVAL	SF	10,400	\$3.00	\$31,200
	SILT FENCE	LF	17,996	\$2.00	\$35,992
	SEDIMENT TRAPS	EA	40	\$400.00	\$16,000
	CLEARING & DEMOLITION SUBTOTAL				\$168,109
GRADING	GRADING ALLOWANCE	LS	1	\$425,000.00	\$425,000
	GRADING SUBTOTAL				\$425,000
STORM DRAINAGE	18" RCP INSTALLED	LF	3,950	\$54.00	\$213,300
	JUNCTION BOX/CATCH BASIN	EA	24	\$2,500.00	\$60,000
	PRECAST BOX CULVERT	LF	45	\$1,200.00	\$54,000
	THIRD CREEK CULVERT EXTENSION	LF	20	\$2,500.00	\$50,000
	STORM DRAINAGE SUBTOTAL				\$377,300
UTILITIES	UTILITY RELOCATION ALLOWANCE	LS	1	\$185,000.00	\$185,000
	UTILITES SUBTOTAL				\$185,000
PAVING	PLAIN CONCRETE PAVING (VEHICULAR)	SF	10,400	\$7.00	\$72,800
	CONCRETE CURB & GUTTER	LF	3,950	\$12.00	\$47,400
	H.D. ASPHALT PAVING	SY	1,667	\$13.00	\$21,671
	2' ASPHALT REPAIR STRIP @ CURB & GUTTER	LF	3,815	\$10.00	\$38,150
	1" C-S BITUMINOUS SURFACE COURSE	TON	1,128	\$129.00	\$145,546
	2" B-MODIFIED BITUMINOUS BASE COURSE	TON	2,300	\$93.00	\$213,867
	6" COMPACTED AGGREGATE, CLASS A, GRADE D	TON	6,288	\$35.00	\$220,084
	PEDESTRIAN RAILROAD CROSSING	EA	2	\$15,000.00	\$30,000
	PAVING SUBTOTAL				\$789,518
WALLS	3' HIGH - RETAINING	LF	50	\$105.00	\$5,250
	4' HIGH - CONC. RET.- FORMLINER	LF	607	\$180.00	\$109,260
	6' HIGH - CONC. RET.- FORMLINER	LF	170	\$203.00	\$34,510
	10' HIGH - RETAINING	LF	800	\$295.00	\$236,000
	WALLS SUBTOTAL				\$385,020
SITE FURNISHINGS	BENCHES	EA	8	\$1,000.00	\$8,000
	BOLLARD	EA	26	\$1,000.00	\$26,000
	PEDESTRIAN GUARDRAIL, PAINTED STEEL	LF	1,037	\$180.00	\$186,660
	SITE FURNISHINGS SUBTOTAL				\$220,660
SIGNAGE	TRAFFIC SIGNAGE ALLOWANCE	LS	1	\$12,000.00	\$12,000
	WAYFINDING SIGNAGE ALLOWANCE	LS	1	\$25,000.00	\$25,000
	PEDESTRIAN SIGNALS (2 POLES + HEADS)	EA	6	\$30,000.00	\$180,000
	SIGNAGE SUBTOTAL				\$217,000
PLANTING	SEEDING ALLOWANCE	LS	1	\$108,000.00	\$108,000
	PLANTING ALLOWANCE	LS	1	\$90,000.00	\$90,000
	PLANTING SUBTOTAL				\$198,000
USE AREA	USE AREA ALLOWANCE	LS	1	\$525,000.00	\$525,000
	USE AREA ALLOWANCE SUBTOTAL				\$525,000
	GRAND SUB-TOTAL				\$3,769,855
	PROFIT (4%)				\$150,794
	SUBTOTAL				\$3,920,650
	ESTIMATING CONTINGENCY (20%)				\$784,130
	GRAND TOTAL				\$4,704,780