

GREENWAY CORRIDOR FEASIBILITY AND ASSESSMENT PROJECT

Knoxville, Tennessee
CORRIDOR E - OLD CITY GREENWAY

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

COST SUMMARY	
GREENWAY CORRIDOR	E
CORRIDOR LENGTH	1.24 mi.
SURVEY	\$35,200
GEOTECHNICAL	\$25,000
PERMITS - TDEC/USACE/TVA	\$0
EASEMENT/ACQUISITION DOCUMENT PREP.	\$22,000
RAILROAD PERMIT REVIEW	\$10,000
DESIGN SERVICES	\$173,215
CONSTRUCTION	\$1,732,150
PROJECT TOTAL	\$1,997,565
TDOT NEPA	\$35,000
CEI	\$207,858
PROJECT TOTAL (FEDERAL/STATE \$\$)	\$2,240,423
EASEMENT/ACQUISITION**	
RESIDENTIAL (SF)	
COMMERCIAL (SF)	
INDUSTRIAL (SF)	
RAILROAD (SF)	74,800
AGRICULTURAL (SF)	
** (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	
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.	

CONSTRUCTION COST					
		UNIT	QUANTITY	UNIT COST	TOTAL
MOBILIZATION	MOBILIZATION	LS	1	\$102,800.00	\$102,800
	MOBILIZATION SUBTOTAL				\$102,800
DEMOLITION	ASPHALT REMOVAL	SY	935	\$4.00	\$3,740
	ASPHALT DRIVEWAY REMOVAL	SY	450	\$5.00	\$2,250
	CONCRETE SIDEWALK 4" W/REINF. REMOVAL	SY	1,350	\$5.00	\$6,750
	CONCRETE DRIVEWAY REMOVAL	SY	1,230	\$12.00	\$14,760
	CONCRETE CURB & GUTTER REMOVAL	LF	2,005	\$3.00	\$6,015
	SILT FENCE	LF	5,050	\$2.00	\$10,100
	SEDIMENT TRAPS	EA	25	\$400.00	\$10,000
	DEMOLITION SUBTOTAL				\$53,615
GRADING	ROCK EXCAVATION	CY	275	\$100.00	\$27,500
	STRUCTURAL EXCAVATION	CY	500	\$12.00	\$6,000
	STRUCTURAL BACKFILL	CY	1,300	\$12.00	\$15,600
	FINAL GRADING	SF	101,000	\$0.25	\$25,250
	GRADING SUBTOTAL				\$74,350
STORM DRAINAGE	18" RCP INSTALLED	LF	585	\$54.00	\$31,590
	ADJUST EXISTING COVERS AND CASTINGS	EA	24	\$400.00	\$9,600
	JUNCTION BOX/CATCH BASIN	EA	12	\$2,500.00	\$30,000
	STORM DRAINAGE SUBTOTAL				\$71,190
UTILITIES	UTILITY RELOCATION ALLOWANCE	LS	1	\$120,000.00	\$120,000
	UTILITES SUBTOTAL				\$120,000
PAVING	CONCRETE CURB & GUTTER	LF	2,005	\$12.00	\$24,060
	6' PLAIN CONCRETE WALK (PEDESTRIAN)	LF	1,530	\$30.00	\$45,900
	10' PLAIN CONCRETE WALK (PEDESTRIAN)	LF	1,500	\$50.00	\$75,000
	1" C-S BITUMINOUS SURFACE COURSE	TON	127	\$129.00	\$16,364
	2" B-MODIFIED BITUMINOUS BASE COURSE	TON	259	\$93.00	\$24,046
	6" COMPACTED AGGREGATE, CLASS A, GRADE D	TON	707	\$35.00	\$24,745
	2' ASPHALT REPAIR STRIP @ CURB & GUTTER	LF	2,005	\$10.00	\$20,050
	PAVING SUBTOTAL				\$230,166
WALLS	4' HI FREESTANDING WITH 30" METAL FENCE	LF	900	\$225.00	\$202,500
	6' HIGH - CONC. RET.- FORMLINER	LF	240	\$203.00	\$48,720
	10' HIGH - CONC. RETAINING	LF	500	\$295.00	\$147,500
	WALLS SUBTOTAL				\$398,720
SITE FURNISHINGS	TRASH RECEPTACLES	EA	5	\$700.00	\$3,500
	BENCHES	EA	3	\$1,000.00	\$3,000
	BOLLARD	EA	6	\$1,000.00	\$6,000
	PEDESTRIAN GUARDRAIL, PAINTED STEEL	LF	120	\$180.00	\$21,600
	SITE FURNISHINGS SUBTOTAL				\$34,100
SIGNAGE	TRAFFIC SIGNAGE ALLOWANCE	LS	1	\$8,000.00	\$8,000
	WAYFINDING SIGNAGE ALLOWANCE	LS	1	\$15,000.00	\$15,000
	MID-BLOCK PED SIGNALS (2 POLES + FLASHERS)	EA	1	\$35,000.00	\$35,000
	SIGNAGE SUBTOTAL				\$58,000
PLANTING	SEEDING ALLOWANCE	LS	1	\$20,000.00	\$20,000
	PLANTING ALLOWANCE	LS	1	\$75,000.00	\$75,000
	PLANTING SUBTOTAL				\$95,000
MINI PARK	MINI PARK ALLOWANCE	LS	1	\$150,000.00	\$150,000
	MINI PARK SUBTOTAL				\$150,000
	GRAND SUB-TOTAL				\$1,387,941
	PROFIT (4%)				\$55,518
	SUBTOTAL				\$1,443,458
	ESTIMATING CONTINGENCY (20%)				\$288,692
	GRAND TOTAL				\$1,732,150