

GREENWAY CORRIDOR FEASIBILITY AND ASSESSMENT PROJECT

Knoxville, Tennessee
CORRIDOR J - SOUTH WATERFRONT GREENWAY

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

COST SUMMARY	
GREENWAY CORRIDOR	J
CORRIDOR LENGTH	1.61
SURVEY	\$51,450
GEOTECHNICAL	\$55,000
PERMITS TDEC/USACE/TVA	\$85,000
EASEMENT/ACQUISITION DOCUMENT PREP.	\$32,500
RAILROAD CROSSING PERMIT REVIEW	\$10,000
DESIGN SERVICES	\$392,531
CONSTRUCTION	\$3,925,308
PROJECT TOTAL	\$4,551,789
TDOT NEPA	\$40,000
CEI	\$471,037
PROJECT TOTAL (FEDERAL/STATE \$\$)	\$5,062,826
EASEMENT/ACQUISITION**	
RESIDENTIAL (SF)	12,600
COMMERCIAL (SF)	0
INDUSTRIAL (SF)	0
RAILROAD (SF)	0
AGRICULTURAL (SF)	0
SOUTH WATERFRONT (SF)	151,278
** (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	\$232,960	\$232,960
	GENERAL CONDITIONS SUBTOTAL				\$232,960
DEMOLITION	CLEARING (LIGHT)	AC	3	\$2,900.00	\$8,700
	ASPHALT REMOVAL	SY	5,297	\$3.00	\$15,891
	CONCRETE SIDEWALK 4" W/REINF. REMOVAL	SY	1,030	\$5.00	\$5,150
	CONCRETE CURB REMOVAL	LF	1,580	\$2.00	\$3,160
	DEMOLISHED MATERIALS LOAD, HAUL & DUMP	CY	2,100	\$5.00	\$10,500
	TREE PRUNING	LS	1	\$15,000.00	\$15,000
	SILT FENCE	LF	6,550	\$2.00	\$13,100
	SEDIMENT TRAPS	EA	20	\$400.00	\$8,000
	DEMOLITION SUBTOTAL				\$79,501
GRADING	GRADING ALLOWANCE	LS	1	\$65,000.00	\$65,000
	GRADING SUBTOTAL				\$65,000
STORM DRAINAGE	STORM DRAINAGE ALLOWANCE	LS	1	\$285,000.00	\$285,000
	STORM DRAINAGE SUBTOTAL				\$285,000
UTILITIES	UTILITIES RELOCATION ALLOWANCE	LS	1	\$36,500.00	\$36,500
	UTILITES SUBTOTAL				\$36,500
PAVING	CONCRETE CURB & GUTTER	LF	4,665	\$32.00	\$149,280
	PLAIN CONCRETE WALK (PEDESTRIAN)	LF	90	\$50.00	\$4,500
	H.D. ASPHALT PAVING	SY	7,022	\$13.00	\$91,286
	2' ASPHALT REPAIR STRIP @ CURB & GUTTER	LF	855	\$10.00	\$8,550
	1" C-S BITUMINOUS SURFACE COURSE	TON	315	\$129.00	\$40,636
	2" B-MODIFIED BITUMINOUS BASE COURSE	TON	642	\$93.00	\$59,710
	6" COMPACTED AGGREGATE, CLASS A, GRADE D	TON	1,756	\$35.00	\$61,446
	20' ELEVATED/ON-GRADE RIVERFRONT TRAIL	LF	1,580	\$842.00	\$1,330,360
	CONCRETE RAILROAD CROSSING	EA	1	\$15,000.00	\$15,000
	PEDESTRIAN CROSSING GREENWAY MARKINGS	EA	3	\$1,200.00	\$3,600
	PAVING SUBTOTAL				\$1,764,368
WALLS	CONCRETE TRAFFIC BARRIER	LF	1,950	\$105.00	\$204,750
	WALLS SUBTOTAL				\$204,750
STRUCTURES	100 FT. PEDESTRIAN BRIDGE	EA	1	\$240,000.00	\$240,000
	BUILDINGS SUBTOTAL				\$240,000
SITE FURNISHINGS	TRASH RECEPTACLES	EA	4	\$700.00	\$2,800
	PEDESTRIAN GUARDRAIL, PAINTED STEEL	LF	1,580	\$80.00	\$126,400
	SITE FURNISHINGS SUBTOTAL				\$129,200
SIGNAGE	SIGNAGE	LS	1	\$5,000.00	\$5,000
	SIGNAGE- WAYFINDING	LS	1	\$10,000.00	\$10,000
	SIGNAGE SUBTOTAL				\$15,000
PLANTING	SEEDING ALLOWANCE	LS	1	\$28,000.00	\$28,000
	PLANTING ALLOWANCE	LS	1	\$65,000.00	\$65,000
	PLANTING SUBTOTAL				\$93,000
	GRAND SUB-TOTAL				\$3,145,279
	PROFIT (4%)				\$125,811
	SUBTOTAL				\$3,271,090
	ESITMATING CONTINGENCY (20%)				\$654,218
	GRAND TOTAL				\$3,925,308