

GREENWAY CORRIDOR FEASIBILITY AND ASSESSMENT PROJECT

Knoxville, Tennessee

CORRIDOR G - FIRST CREEK GREENWAY NORTH KNOX

ROSS/FOWLER, P.C.

PIN: 118342.00

FHWA: STP-M-9101(162)

TDOT: 47LPLM-F0-090

COST SUMMARY	
GREENWAY CORRIDOR	G
CORRIDOR LENGTH	1.49 mi.
SURVEY	\$36,000
GEOTECHNICAL	\$15,000
PERMITS - TDEC/USACE/TVA	\$5,000
EASEMENT/ACQUISITION DOCUMENT PREP.	\$28,500
RAILROAD PERMIT REVIEW	\$0
DESIGN SERVICES	\$236,314
CONSTRUCTION	\$2,363,140
PROJECT TOTAL	\$2,683,954
TDOT NEPA CEI	\$25,000 \$283,577
PROJECT TOTAL (FEDERAL/STATE \$\$)	\$2,992,531
EASEMENT/ACQUISITION**	
RESIDENTIAL (SF)	59,675
COMMERCIAL (SF)	
INSTITUTIONAL- KUB (SF)	63,025
RAILROAD (SF)	
AGRICULTURAL/FLOODWAY (SF)	295,754
** (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
GENERAL CONDITIONS	GENERAL CONDITIONS	LS	1	\$130,400.00	\$130,400
	GENERAL CONDITIONS SUBTOTAL				\$130,400
DEMOLITION	CLEARING (LIGHT)	AC	3	\$2,900.00	\$8,700
	ASPHALT REMOVAL	SY	6,478	\$3.00	\$19,434
	ASPHALT DRIVEWAY REMOVAL	SY	227	\$5.00	\$1,135
	CONCRETE SIDEWALK 4" W/REINF. REMOVAL	SY	2,545	\$5.00	\$12,725
	CONCRETE DRIVEWAY REMOVAL	SY	543	\$12.00	\$6,516
	CONCRETE CURB REMOVAL	LF	200	\$2.00	\$400
	DEMOLISHED MATERIALS LOAD, HAUL & DUMP	CY	250	\$5.00	\$1,250
	TREE PRUNING	LS	1	\$15,000.00	\$15,000
	FIRE HYDRANT REMOVAL & STORAGE	EA	12	\$1,150.00	\$13,800
	SILT FENCE	LF	7,875	\$2.00	\$15,750
	SEDIMENT TRAPS	EA	20	\$400.00	\$8,000
	DEMOLITION SUBTOTAL				\$102,710
GRADING	GRADING ALLOWANCE	LS	1	\$195,000.00	\$195,000
	GRADING SUBTOTAL				\$195,000
STORM DRAINAGE	STORM DRAINAGE ALLOWANCE	LS	1	\$225,000.00	\$225,000
	STORM DRAINAGE SUBTOTAL				\$225,000
UTILITIES	UTILITIES ALLOWANCE	LS	1	\$325,000.00	\$325,000
	UTILITES SUBTOTAL				\$325,000
PAVING	CONCRETE CURB & GUTTER	LF	3,330	\$12.00	\$39,960
	10' PLAIN CONCRETE WALK (PEDESTRIAN)	LF	3,385	\$50.00	\$169,250
	CROSSWALK STRIPING	EA	4	\$1,000.00	\$4,000
	1" C-S BITUMINOUS SURFACE COURSE	TON	282	\$129.00	\$36,374
	2" B-MODIFIED BITUMINOUS BASE COURSE	TON	575	\$93.00	\$53,449
	6" COMPACTED AGGREGATE, CLASS A, GRADE	TON	1,572	\$35.00	\$55,003
	CONCRETE DRIVEWAY REPLACEMENT	SF	200	\$6.00	\$1,200
	H.D. ASPHALT PAVING	SY	7,333	\$25.00	\$183,325
	2' ASPHALT REPAIR STRIP @ CURB & GUTTER	LF	1,130	\$10.00	\$11,300
	ASPHALT DRIVEWAY REPLACEMENT	SY	167	\$13.00	\$2,171
	PAVING SUBTOTAL				\$556,032
STRUCTURES	60 FT. PEDESTRIAN BRIDGE	LS	1	\$130,000.00	\$130,000
	STRUCTURES SUBTOTAL				\$130,000
SITE FURNISHINGS	TRASH RECEPTACLES	EA	2	\$700.00	\$1,400
	SITE FURNISHINGS SUBTOTAL				\$1,400
SIGNAGE	SIGNAGE	LS	1	\$5,000.00	\$5,000
	SIGNAGE- WAYFINDING	LS	1	\$10,000.00	\$10,000
	PEDESTRIAN SIGNALS (2 POLES + HEADS)	EA	2	\$30,000.00	\$60,000
	SIGNAGE SUBTOTAL				\$75,000
PLANTING	SEEDING ALLOWANCE	LS	1	\$68,000.00	\$68,000
	PLANTING ALLOWANCE	LS	1	\$85,000.00	\$85,000
	PLANTING SUBTOTAL				\$153,000
	GRAND SUB-TOTAL				\$1,893,542
	PROFIT (4%)				\$75,742
	SUBTOTAL				\$1,969,284
	ESITMATING CONTINGENCY (20%)				\$393,857
	GRAND TOTAL				\$2,363,140