

# GREENWAY CORRIDOR FEASIBILITY AND ASSESSMENT

Knoxville, Tennessee

CORRIDOR K - TENNESSEE RIVER GREENWAY

ROSS/FOWLER, P.C.

PIN: 118342.00

FHWA: STP-M-9101(162)

TDOT: 47LPLM-F0-090

COST SUMMARY	
GREENWAY CORRIDOR	<b>K</b>
CORRIDOR LENGTH	2.30 mi.
SURVEY	\$59,250
GEOTECHNICAL	\$250,000
PERMITS TDEC/USACE/TVA	\$50,000
EASEMENT/ACQUISITION DOCUMENT PREP.	\$3,500
RAILROAD CROSSING PERMIT REVIEW	\$10,000
DESIGN SERVICES	\$1,058,052
CONSTRUCTION	\$10,580,521
<b>PROJECT TOTAL</b>	<b>\$12,011,323</b>
<b>TDOT NEPA</b>	<b>\$75,000</b>
<b>CEI</b>	<b>\$1,269,662</b>
<b>PROJECT TOTAL (FEDERAL/STATE \$\$)</b>	<b>\$13,355,985</b>
<b>EASEMENT/ACQUISITION**</b>	
RESIDENTIAL (SF)	95,100
COMMERCIAL (SF)	0
INDUSTRIAL (SF)	324,400
RAILROAD (SF)	0
AGRICULTURAL (SF)	0
SOUTH WATERFRONT (SF)	0
** (FIGURES ARE PRELIMINARY. PROJECT TIMING AND FUNDING SOURCE WILL DETERMINE RIGHT-OF-WAY PROCEDURES AND COST.)	
<b>GENERAL NOTES</b>	
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
<b>GENERAL CONDITIONS</b>	GENERAL CONDITIONS	LS	1	\$628,000.00	\$628,000
	<b>GENERAL CONDITIONS SUBTOTAL</b>				<b>\$628,000</b>
<b>DEMOLITION</b>	SILT FENCE	LF	10,000	\$2.00	\$20,000
	SEDIMENT TRAPS	EA	6	\$400.00	\$2,400
	<b>DEMOLITION SUBTOTAL</b>				<b>\$22,400</b>
<b>GRADING</b>	GRADING ALLOWANCE	LS	1	\$380,000.00	\$380,000
	<b>GRADING SUBTOTAL</b>				<b>\$380,000</b>
<b>STORM DRAINAGE</b>	STORM DRAINAGE ALLOWANCE	LS	1	\$40,000.00	\$40,000
	<b>STORM DRAINAGE SUBTOTAL</b>				<b>\$40,000</b>
<b>UTILITIES</b>	UTILITY RELOCATION ALLOWANCE	LS	1	\$20,000.00	\$20,000
	<b>UTILITES SUBTOTAL</b>				<b>\$20,000</b>
<b>PAVING</b>	1" C-S BITUMINOUS SURFACE COURSE	TON	481	\$129.00	\$62,007
	2" B-MODIFIED BITUMINOUS BASE COURSE	TON	980	\$93.00	\$91,113
	6" COMPACTED AGGREGATE, CLASS A, GRADE D	TON	2,679	\$35.00	\$93,762
	PEDESTRIAN RAILROAD CROSSING	LS	1	\$15,000.00	\$15,000
	<b>PAVING SUBTOTAL</b>				<b>\$261,881</b>
<b>WALLS</b>	8' HIGH - RETAINING	LF	100	\$200.00	\$20,000
	<b>WALLS SUBTOTAL</b>				<b>\$20,000</b>
<b>STRUCTURES</b>	DRILLED CAISSONS	EA	136	\$20,000.00	\$2,720,000
	CONCRETE CAISSON CAP	EA	136	\$4,000.00	\$544,000
	PRECAST CONCRETE PLANK	EA	135	\$12,000.00	\$1,620,000
	CONCRETE TOPPING SLAB	SF	40,500	\$5.00	\$202,500
	PEDESTRIAN GUARDRAIL, PAINTED STEEL	LF	8,100	\$180.00	\$1,458,000
	60 FT.PEDESTRIAN BRIDGE	EA	1	\$130,000.00	\$130,000
	100 FT.PEDESTRIAN BRIDGE	EA	1	\$300,000.00	\$300,000
	<b>STRUCTURES SUBTOTAL</b>				<b>\$6,974,500</b>
<b>SITE FURNISHINGS</b>	TRASH RECEPTACLES	EA	6	\$700.00	\$4,200
	BENCHES	EA	6	\$1,000.00	\$6,000
	BOLLARD	EA	6	\$1,000.00	\$6,000
	<b>SITE FURNISHINGS SUBTOTAL</b>				<b>\$16,200</b>
<b>SIGNAGE</b>	SIGNAGE- WAYFINDING	LS	1	\$10,000.00	\$10,000
	<b>SIGNAGE SUBTOTAL</b>				<b>\$10,000</b>
<b>PLANTING</b>	SEEDING ALLOWANCE	LS	1	\$40,000.00	\$40,000
	PLANTING ALLOWANCE	LS	1	\$65,000.00	\$65,000
	<b>PLANTING SUBTOTAL</b>				<b>\$105,000</b>
	<b>GRAND SUB-TOTAL</b>				<b>\$8,477,981</b>
	<b>PROFIT (4%)</b>				<b>\$339,119</b>
	<b>SUBTOTAL</b>				<b>\$8,817,101</b>
	<b>ESTIMATING CONTINGENCY (20%)</b>				<b>\$1,763,420</b>
	<b>GRAND TOTAL</b>				<b>\$10,580,521</b>