

# GREENWAY CORRIDOR FEASIBILITY AND ASSESSMENT PROJECT

Knoxville, Tennessee  
CORRIDOR F - EAST KNOX GREENWAY

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

COST SUMMARY	
GREENWAY CORRIDOR	<b>F</b>
CORRIDOR LENGTH	1.80 mi.
SURVEY	\$41,300
GEOTECHNICAL	\$0
PERMITS - TDEC/USACE/TVA	\$0
EASEMENT/ACQUISITION DOCUMENT PREP.	\$33,500
RAILROAD PERMIT REVIEW	\$0
DESIGN SERVICES	\$117,621
CONSTRUCTION	\$1,176,214
<b>PROJECT TOTAL</b>	<b>\$1,368,635</b>
TDOT NEPA	\$25,000
CEI	\$141,146
<b>PROJECT TOTAL (FEDERAL/STATE \$\$)</b>	<b>\$1,534,781</b>
<b>EASEMENT/ACQUISITION**</b>	
RESIDENTIAL (SF)	27,000
COMMERCIAL (SF)	0
INDUSTRIAL (SF)	0
RAILROAD (SF)	0
AGRICULTURAL (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	
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
<b>GENERAL CONDITIONS</b>	GENERAL CONDITIONS	LS	1	\$69,760.00	\$69,760
	<b>GENERAL CONDITIONS SUBTOTAL</b>				<b>\$69,760</b>
<b>DEMOLITION</b>	ASPHALT REMOVAL	SY	1,773	\$4.00	\$7,092
	ASPHALT DRIVEWAY REMOVAL	SY	222	\$5.00	\$1,110
	GRAVEL REMOVAL, 12" DEPTH	SY	111	\$2.50	\$278
	CONCRETE SIDEWALK 4" W/REINF. REMOVAL	SY	887	\$5.00	\$4,435
	CONCRETE CURB & GUTTER REMOVAL	LF	1,596	\$3.00	\$4,788
	SILT FENCE	LF	9,040	\$2.00	\$18,080
	SEDIMENT TRAPS	EA	25	\$400.00	\$10,000
	<b>DEMOLITION SUBTOTAL</b>				<b>\$45,783</b>
<b>GRADING</b>	GRADING ALLOWANCE	LS	1	\$145,000.00	\$145,000
	<b>GRADING SUBTOTAL</b>				<b>\$145,000</b>
<b>STORM DRAINAGE</b>	STORM DRAINAGE ALLOWANCE	LS	1	\$76,000.00	\$76,000
	<b>STORM DRAINAGE SUBTOTAL</b>				<b>\$76,000</b>
<b>UTILITIES</b>	UTILITY RELOCATION ALLOWANCE	LS	1	\$80,000.00	\$80,000
	<b>UTILITES SUBTOTAL</b>				<b>\$80,000</b>
<b>PAVING</b>	CONCRETE CURB & GUTTER	LF	2,306	\$12.00	\$27,672
	CROSSWALK STRIPING	EA	14	\$1,000.00	\$14,000
	1" C-S BITUMINOUS SURFACE COURSE	TON	567	\$129.00	\$73,154
	2" B-MODIFIED BITUMINOUS BASE COURSE	TON	1,156	\$93.00	\$107,493
	6" COMPACTED AGGREGATE, CLASS A, GRADE D	TON	3,161	\$35.00	\$110,618
	<b>PAVING SUBTOTAL</b>				<b>\$332,936</b>
<b>SIGNAGE</b>	SIGNAGE- TRAFFIC	LS	1	\$18,000.00	\$18,000
	SIGNAGE- WAYFINDING	LS	1	\$15,000.00	\$15,000
	PEDESTRIAN SIGNALS (2 POLES + HEADS)	EA	2	\$30,000.00	\$60,000
	<b>SIGNAGE SUBTOTAL</b>				<b>\$93,000</b>
<b>PLANTING</b>	SEEDING ALLOWANCE	LS	1	\$40,000.00	\$40,000
	PLANTING ALLOWANCE	LS	1	\$60,000.00	\$60,000
	<b>PLANTING SUBTOTAL</b>				<b>\$100,000</b>
	<b>GRAND SUB-TOTAL</b>				<b>\$942,479</b>
	<b>PROFIT (4%)</b>				<b>\$37,699</b>
	<b>SUBTOTAL</b>				<b>\$980,178</b>
	<b>ESTIMATING CONTINGENCY (20%)</b>				<b>\$196,036</b>
	<b>GRAND TOTAL</b>				<b>\$1,176,214</b>