



TOSM Nature Trail - Phase II - Development Cost Estimate

Item	Qty	Unit	Unit Price	Extended Unit Price	Sub Totals
DESIGN & SURVEYING ESTIMATE (100% Plan Completion)					
DESIGN & SURVEYING ESTIMATE					
					\$ 80,000.00
Civil Engineering / Surveying / Environmental / Permitting	1.00	LS	\$ 60,000.00	\$ 60,000.00	
Geotechnical Investigation	1.00	LS	\$ 12,000.00	\$ 12,000.00	
Wetland Crossing Structural Analysis & Design	1.00	LS	\$ 8,000.00	\$ 8,000.00	
CONSTRUCTION ESTIMATE					
ESC & Earthwork					
					\$ 322,434.38
Mobilization/De-Mobilization (15% of total before contingency added)	1.00	LS	\$ 103,000.00	\$ 103,000.00	
Stakeout	1.00	LS	\$ 4,000.00	\$ 4,000.00	
As-Built Survey	1.00	LS	\$ 10,000.00	\$ 10,000.00	
Stabilized Construction Entrance	8.00	EA	\$ 3,200.00	\$ 25,600.00	
Silt Fence	7,437	LF	\$ 5.00	\$ 37,185.00	
ESC Removal	1.00	LS	\$ 5,000.00	\$ 5,000.00	
Traffic Control	1.00	LS	\$ 2,500.00	\$ 2,500.00	
Cut (stripping 6" of Topsoil)	1,539.00	CY	\$ 12.50	\$ 19,237.50	
Fill (Clean cut to Fill Respread and Fine Grade)	210.00	CY	\$ 19.00	\$ 3,990.00	
Cut Disposal	1,329.00	CY	\$ 30.00	\$ 39,870.00	
Erosion Control Biodegradable Matting	4,255	SY	\$ 4.00	\$ 17,021.76	
General Stabilization Area	4,255	SY	\$ 2.78	\$ 11,830.12	
Removing Small-Medium Trees 4"- 11" diameter w/ stump grinding	46	EA	\$ 600.00	\$ 27,600.00	
Removing Large Trees 12"+ diameter w/ stump grinding	6	EA	\$ 2,600.00	\$ 15,600.00	
Swale					
					\$ 48,500.00
Swale installations	1.00	LS	\$ 48,500.00	\$ 48,500.00	
Landscape Buffer Screening along Talbot St					
					\$ 6,000.00
Plantings	1.00	LS	\$ 6,000.00	\$ 6,000.00	
Wetland Boardwalk Crossing (1955 SF)					
					\$ 185,000.00
Wooden Boardwalk - Quote from Corman-Kokosing	1.00	LS	\$ 185,000.00	\$ 185,000.00	
Alternative: Permatrak Concrete Boardwalk on Precast Concrete Piles (1955 sf x \$65 = \$127,075)					
Site Amenities					
					\$ 20,000.00
All Site Amenities	1.00	LS	\$ 20,000.00	\$ 20,000.00	
Benches					
Bike Racks					
Educational Signage					
Dog Waste Stations					
Paving (64,126 sf)					
					\$ 203,150.00
4" GABC for Trails	3,420.05	Tons	\$ 35.40	\$ 121,069.89	
2" 9.5 mm PG64-22 Superpave Top Mix for Trails	826.51	Tons	\$ 86.00	\$ 71,080.11	
Allowance for Compaction Testing	1.00	LS	\$ 6,000.00	\$ 6,000.00	
Striping, Symbols, and Signage	1.00	LS	\$ 5,000.00	\$ 5,000.00	
Sub Total					
					\$ 865,084.38
Project Contingency (15%)					
					\$ 129,762.66
TOTAL					
					\$ 994,847.04