

TASK 3 Bushkill Creek Pedestrian Bridge/ Streambank Stabilization			
Total Proposed Site Improvements		\$	1,935,900
Mobilization (3%)		\$	58,080
Erosion and Sedimentation Control (2%)		\$	38,720
Stormwater BMPs (2%)		\$	38,720
Construction Contingency (10%)		\$	193,590
Design & Engineering (15%)		\$	290,390
Total Estimated Project Costs		\$	2,555,400
Item Description	Estimated Quantity	Unit Price	Total Item Amount
McDade Trail Pedestrian Bridge over the Bushkill Creek			\$ 1,328,500
1 Maintenance & Protection of Traffic	1 LS	\$ 50,000.00	\$ 50,000
2 Clearing/ Grubbing	1 LS	\$ 5,000.00	\$ 5,000
3 Extg. Riprap Removal	300 CY	\$ 40.00	\$ 12,000
4 Class 4 Excavation	120 CY	\$ 125.00	\$ 15,000
5 Embankment Treatment	60 SY	\$ 250.00	\$ 15,000
6 Cast-in-place Abutments (Class AA concrete piers; wingwalls, foundation)	1 LS	\$ 200,000.00	\$ 200,000
7 Pre-fabricated Steel Superstructure (AASHTO Bridge Rating-20,000lbs; includes bridge engineering	1 LS	\$ 500,000.00	\$ 500,000
8 Superstructure assembly and placement (Manufacturer assembly)	1 LS	\$ 500,000.00	\$ 500,000
9 Concrete Decking (6" depth; AASHTO-H20 Loading)	45 CY	\$ 700.00	\$ 31,500
			\$ -
McDade Trail-8'-W Trail Connections to Pedestrian Bridge			\$ 45,900
1 Class 1 Excavation	120 CY	\$ 100.00	\$ 12,000
2 Geotextile	365 SY	\$ 10.00	\$ 3,650
3 8" Thick crushed Aggregate Base	365 SY	\$ 27.90	\$ 10,184
4 Approach Treatments to Ped. Bridge Structure	2 EA	\$ 10,000.00	\$ 20,000
5			\$ -
6			\$ -
7			\$ -
Streambank Stabilization: Vertical Rock/ Fascine Stakes Option			\$ 561,500
1 Clearing/ Grubbing	1,600 SY	\$ 10.00	\$ 16,000
2 Class 1 Excavation	560 CY	\$ 125.00	\$ 70,000
3 Sheet piling/ Shoring	1 LS	\$ 125,000.00	\$ 125,000
			\$ -
4 Streambank Stabilization Treatment:			\$ -
Length A (section 12 to 11)			\$ -
Toe Treatment-Riprap/Geotextile	50 CY	\$ 90.00	\$ 4,500
Bank Treatment-Riprap/Geotextile	174 CY	\$ 105.00	\$ 18,270
Top of Bank Treatment-Riprap/Geotextile	100 CY	\$ 100.00	\$ 10,000
Length B (section 11 to 6))			\$ -
Toe Treatment-Riprap/Geotextile	105 CY	\$ 90.00	\$ 9,450
Bank Treatment-Riprap/Geotextile	621 CY	\$ 105.00	\$ 65,205

Item Description	Estimated Quantity	Unit Price	Total Item Amount
Top of Bank Treatment-Riprap/Geotextile	210 CY	\$ 100.00	\$ 21,000
Length A (section 6 to 4)			\$ -
Toe Treatment-Riprap/Geotextile	56 CY	\$ 90.00	\$ 5,040
Bank Treatment-Riprap/Geotextile	352 CY	\$ 105.00	\$ 36,960
Top of Bank Treatment-Riprap/Geotextile	0 CY	\$ 100.00	\$ -
Fascines-Coir Log/Topsoil Placement/Live Planting System	1800 LF	\$ 100.00	\$ 180,000