

Conceptual Opinion of Project Costs

Project: Greenview Trail Design				
Project #:		Control #:		
Client: BHI Development				
Engineer: The Schemmer Associates		TSA Project #: 01259.EI9		
October 23, 2017				
CONSTRUCTION COSTS				
Item	Unit	Quantity	Unit Cost	Amount
Mobilization	Lump Sum	1.00	\$55,000.00	\$55,000.00
General Clearing & Grubbing	Lump Sum	1.00	\$5,000.00	\$5,000.00
Trail Subgrade Prep	SQ. YD.	8,800.00	\$2.00	\$17,600.00
8' Wide 6" Concrete Bikeway	SQ. YD.	8,010.00	\$45.00	\$360,450.00
Detectable Warning Panels	EACH	20.00	\$160.00	\$3,200.00
Handicap Ramp	EACH	20.00	\$750.00	\$15,000.00
Wall Materials	SQ. FT.	11,500.00	\$26.00	\$299,000.00
Compacted Earth Leveling Pad for Wall	L.F.	2,300.00	\$8.00	\$18,400.00
Concrete Shoulder (between trail & wall)	SQ. YD.	495.00	\$43.00	\$21,285.00
4' high Fence on Top of Wall	L.F.	1,220.00	\$15.00	\$18,300.00
24" CMP	L.F.	20.00	\$42.00	\$840.00
36" Reinforced Concrete Pipe	L.F.	20.00	\$135.00	\$2,700.00
36" CMP	L.F.	30.00	\$65.00	\$1,950.00
24" Metal Flared-End Section	EACH	4.00	\$400.00	\$1,600.00
36" Concrete Flared-End Section	EACH	2.00	\$1,400.00	\$2,800.00
36" Metal Flared-End Section	EACH	2.00	\$700.00	\$1,400.00
Rock Riprap, Type B	TON	10.00	\$60.00	\$600.00
Inlet Protection	EACH	20.00	\$100.00	\$2,000.00
Trail Signs	EACH	10.00	\$200.00	\$2,000.00
Seeding, Type "B"	ACRES	1.50	\$3,000.00	\$4,500.00
Fabric Silt Fence	L.F.	1,500.00	\$3.00	\$4,500.00
				\$0.00
				\$0.00
				\$0.00
OPINION OF CONSTRUCTION COSTS				\$838,130.00
ENGINEERING COSTS				
Preliminary Engineering	12%			\$100,576.00
Construction Engineering	10%			\$83,813.00
Contingencies	10%			\$83,813.00
Easements				\$5,000.00
TOTAL PROJECT COSTS				\$1,111,332.00
FUNDING SOURCES				
Applicant's Cash Match	20%			\$222,266.00
Federal Funding	80%			\$889,066.00