

6.5 Construction Cost Estimate Breakout



FREDERICK WARD ASSOCIATES, INC.
 Architects/Engineers/Surveyors
 (410) 838-7900 (410) 879-2090

CONSTRUCTION COST ESTIMATE

SHEET 1 OF 1

23-Jun-03

PROJECT NO.

LOCATION: ESTIMATE ON: Black Hill Regional Park Paved Trail - Picnic Lane to Spin. Wheel La.

35% BUDGET ESTIMATE

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL UNIT PRICE	SUBTOTAL	TOTAL
1	Mobilization	1.00	LS		\$ 25,000.00	\$25,000.00	
2	Silt Fence	7000.00	LF		\$ 4.00	\$28,000.00	
3	Stabilized Construction Entrance	5.00	EA		\$ 2,500.00	\$12,500.00	
4	Haul Roads	2000.00	LF		\$ 10.00	\$20,000.00	
5	Tree protection fence	11000.00	LF		\$ 1.50	\$16,500.00	
5	Selective Clearing	200.00	Tree		\$ 400.00	\$80,000.00	
6	Root Pruning	1500.00	LF		\$ 6.00	\$9,000.00	
7	Bioretention (Infiltration) Facilities	10.00	EA		\$ 10,000.00	\$100,000.00	
8	Grading, soil borrow	7000.00	CY		\$ 40.00	\$280,000.00	
9	Rock Excavation	1000.00	CY		\$ 50.00	\$50,000.00	
10	4" Graded Aggregate Base Course	5420.00	SY		\$ 10.00	\$54,200.00	
11	3" Bituminous Surface Course	5420.00	SY		\$ 15.00	\$81,300.00	
12	Bridge Crossing & Abutments	0.00	LS		\$ 30,000.00	\$0.00	
13	Retaining Wall	12500.00	SF		\$ 25.00	\$312,500.00	
14	Railing	1500.00	LF		\$ 10.00	\$15,000.00	
15	Culvert Pipe	600.00	LF		\$ 50.00	\$30,000.00	
16	Riprap Outfall	100.00	SY		\$ 75.00	\$7,500.00	
17	Road Striping	1.00	LS		\$ 1,000.00	\$1,000.00	
18	Signage	20.00	EA		\$ 300.00	\$6,000.00	
19	Tree screening	250.00	LF		\$ 10.00	\$2,500.00	
20	Reforestation	214.00	Tree		\$ 200.00	\$42,800.00	
					Subtotal:		\$1,173,800.00
					Contingencies (30%):		\$352,140.00
					TOTAL:		\$1,525,940.00

Prepared By: BTB

Reviewed By:

Date:

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Since the design professional has no control over the cost of labor, materials, or equipment, or over the contractor's method of determining prices, or over competitive bidding or market conditions, his opinions of probable construction cost provided for herein are made on the basis of his experience and qualifications. These opinions represent his best judgment as a design professional familiar with the construction industry. However, the design professional cannot and does not guarantee that proposals, bids or the construction cost will not vary from opinions of probable cost prepared. If the owner wishes greater assurance as to the construction cost, he shall employ an independent cost estimator.