

**80% PRELIMINARY OPINION OF PROBABLE COST
HERITAGE FARM PARK
TOWN OF OAK RIDGE, NORTH CAROLINA
SEPTEMBER 2021**

ITEM	DESCRIPTION	QUAN.	UNIT	UNIT PRICE	TOTAL
1	Mobilization (3.0%)	1	LS	3%	\$ 96,156
2	Construction Surveying	1	LS	\$ 6,000	\$ 6,000
3	Clearing and Grubbing	1	LS	\$ 60,000	\$ 60,000
4	Grading	1	LS	\$ 500,000	\$ 500,000
5	Temporary Construction Entrance	1	LS	\$ 5,000	\$ 5,000
6	Tree Protection Fencing	325	LF	\$ 4	\$ 1,300
7	Remove Existing Asphalt and Concrete	707	SY	\$ 15	\$ 10,605
8	Salvage Existing Signs	3	EA	\$ 150	\$ 450
9	Asphalt - Roadway	5997	SY	\$ 45	\$ 269,865
10	Asphalt - Trail	6020	SY	\$ 40	\$ 240,800
11	4" Concrete	1835	SY	\$ 60	\$ 110,100
12	6" Concrete	250	SY	\$ 100	\$ 25,000
13	6" Concrete Curb	600	LF	\$ 35	\$ 21,000
14	Concrete Wheelstop	121	EA	\$ 105	\$ 12,705
15	Sign Installation	8	EA	\$ 300	\$ 2,400
16	Detectable Warning Plate	130	SF	\$ 60	\$ 7,800
17	4" White Painted Stripe	2220	LF	\$ 2	\$ 4,440
18	White Painted Traffic Arrows and Symbols	2	EA	\$ 175	\$ 350
19	Dumpster Enclosure	1	LS	\$ 13,000	\$ 13,000
20	4' Chain Link Fence	2170	LF	\$ 25	\$ 54,250
21	Chain Link Single Gate (4' Fencing)	6	EA	\$ 1,245	\$ 7,470
22	Chain Link Double Gate (4' Fencing)	8	EA	\$ 2,490	\$ 19,920
23	Field Turf (Sprigging, 2 Fields)	1	LS	\$ 43,000	\$ 43,000
24	Football Field Goal Posts	1	LS	\$ 10,000	\$ 10,000
25	Scoreboards (Owner Provided, Contractor Installed)	2	EA	\$ 15,000	\$ 30,000
26	9-Bike Bike Rack	1	EA	\$ 1,900	\$ 1,900
27	5-Bike Bike Rack	1	EA	\$ 1,600	\$ 1,600
28	Benches (Owner Provided, Contractor Installed)	14	EA	\$ 500	\$ 7,000
29	Trash/Recycling Receptacle	14	EA	\$ 1,200	\$ 16,800
30	Flag Pole (35' Tall)	1	LS	\$ 6,200	\$ 6,200
31	Dog Waste Station	7	EA	\$ 1,200	\$ 8,400
32	Drinking Fountain	1	LS	\$ 10,000	\$ 10,000
33	20'x36' Picnic Shelter	1	EA	\$ 75,000	\$ 75,000

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34	Grills (Owner Provided, Contractor Installed)	2	EA	\$ 1,000	\$ 2,000
35	Playground	1	AL	\$ 120,000	\$ 120,000
36	Thermoplastic Surface Games	1	LS	\$ 5,000	\$ 5,000
37	Park Entry Sign	1	LS	\$ 5,000	\$ 5,000
38	Vehicle Entry Gate	1	LS	\$ 2,500	\$ 2,500
39	Irrigation System (2 Fields and Island)	1	LS	\$ 60,000	\$ 60,000
40	Landscape	1	AL	\$ 30,000	\$ 30,000
41	Seeding	1	LS	\$ 16,500	\$ 16,500
42	8' Granite Screenings Trail	1	LS	\$ 8,500	\$ 8,500
43	Sediment Wattle	899	LF	\$ 7	\$ 6,293
44	Erosion Control Matting	2500	SY	\$ 3	\$ 7,500
45	Silt Fence	6300	LF	\$ 4	\$ 25,200
46	Silt Fence Outlet	15	EA	\$ 480	\$ 7,200
47	Sediment Traps	1	LS	\$ 15,000	\$ 15,000
48	Skimmer Basin	1	LS	\$ 18,000	\$ 18,000
49	Diversion Ditch	2300	LF	\$ 3	\$ 6,900
50	Stone Inlet Protection	18	EA	\$ 375	\$ 6,750
51	Stone Outlet Protection	2	EA	\$ 1,500	\$ 3,000
52	Open Throat Yard Inlet Catch Basin	10	EA	\$ 3,500	\$ 35,000
53	Yard Inlet Catch Basin	8	EA	\$ 3,000	\$ 24,000
54	15" RCP Class IV Pipe	1190	LF	\$ 37	\$ 44,030
55	18" RCP Class IV Pipe	382	LF	\$ 53	\$ 20,246
56	Frost Proof Yard Hydrant	3	EA	\$ 495	\$ 1,485
57	Well	1	LS	\$ 5,000	\$ 5,000
58	Water Distribution	1	LS	\$ 10,000	\$ 10,000
59	Restroom Building	1	LS	\$ 380,621	\$ 380,621
60	Septic Field	1	LS	\$ 30,000	\$ 30,000
61	Sports Lighting for Soccer Field	1	EA	\$ 450,000	\$ 450,000
62	Site Electrical	1	LS	\$ 277,119	\$ 277,119
CONSTRUCTION SUBTOTAL					\$ 3,301,355
CONTINGENCY (10%)					\$ 330,135
TOTAL CONSTRUCTION					\$ 3,631,490
ADD	Shade Sail	1	AL	\$ 50,000	\$ 50,000
TOTAL PROJECT COST					\$ 3,681,490

Notes:

1. All costs shown are in current dollars.

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2. The Engineer maintains no control of labor costs, materials, equipment or services furnished by others, the Contractor(s)' methods for determining prices, or competitive or market conditions. The opinions herein for project and construction costs represent the Engineer's best judgment, and are based on experience and qualifications as a Professional Engineer who possesses familiarity with the construction industry. The Engineer does not guarantee the accuracy of the cost opinions which may vary from bids or actual project and construction costs.