

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL PRICE
	<b>Demolition</b>				
1	Full Depth Pavement Removal (Sidewalk/Parking)	SY	500	11.00	\$ 5,500.00
2	Building Demolition	LUMP	1	21,000.00	\$ 21,000.00
3	Remove & Abandon Existing Irrigation System	LUMP	1	4,500.00	\$ 4,500.00
4	Remove Existing Storm Structure	LUMP	1	1,800.00	\$ 1,800.00
5	Remove Ball Field Fence Poles and Base	LUMP	1	3,500.00	\$ 3,500.00
6	Bulkhead Ex. Sanitary Manhole Stubs	EA	5	1,250.00	\$ 6,250.00
7	Clearing and Grubbing	AC	0.2	4,500.00	\$ 900.00
8					
9	<b>Earthworks</b>				
10	Excavation	CY	106,800	3.75	\$ 400,500.00
11	Export/Dispose of Excess Material	CY	100,000	11.00	\$ 1,100,000.00
12	Respread topsoil	CY	6,800	4.50	\$ 30,600.00
13	<b>Stormwater Pollution Prevention</b>				
14	Silt Fence	LF	2,000	3.25	\$ 6,500.00
15	Construction Entrance	EA	1	2,500.00	\$ 2,500.00
16	Inlet Protection	EA	10	200.00	\$ 2,000.00
17					
18	<b>Utilities</b>				
19	12" Storm Sewer	LF	150	64.00	\$ 9,600.00
20	24" Storm Sewer	LF	140	95.00	\$ 13,300.00
21	2x2 Catch Basin	EA	1	1,500.00	\$ 1,500.00
22	Yard Inlet	EA	3	1,250.00	\$ 3,750.00
23	Half Height Headwall (24")	EA	2	1,750.00	\$ 3,500.00
24	48" I.D. Precast Concrete Manhole	EA	2	3,500.00	\$ 7,000.00
25	Pond Outlet Structure	EA	1	15,000.00	\$ 15,000.00
25	Stream Diversion Structure	EA	1	15,000.00	\$ 15,000.00
26					
27	<b>Pavement</b>				
28	Proposed Asphalt Resurfacing	SF	7,860	2.50	\$ 19,650.00
29	ADA Ramp	1	1	1,850.00	\$ 1,850.00
30	Proposed Concrete Walk and Patio	SF	2,320	6.50	\$ 15,080.00
31	Proposed Limestone Gravel Walk	SF	15,000	2.50	\$ 37,500.00
32					

**NATHAN HALE STORM BASIN, PARMA HEIGHTS, OHIO  
PRELIMINARY ENGINEERS ESTIMATE**

**May 2020**

33	<b>Amenities</b>					
34	Pedestrian Bridge	LF	20	1,800.00	\$	36,000.00
35	Park Benches	EA	3	1,050.00	\$	3,150.00
36	Pond Fountain with electrical service	EA	1	8,500.00	\$	8,500.00
37	Ballard Path Lights	EA	45	1,200.00	\$	54,000.00
38	Gazebo	EA	1	24,500.00	\$	24,500.00
39	<b>Landscaping</b>					
40	Shade Trees (2.5" caliper)	EA	65	400.00	\$	26,000.00
41	Shrubs	EA	125	50.00	\$	6,250.00
42	Perennials	EA	150	25.00	\$	3,750.00
43	Seeding - Lawn	SY	11,300	0.65	\$	7,345.00
44	Seeding - Wildflower	SY	6,900	4.00	\$	27,600.00
45	Seeding - Aquatic	SY	8,300	4.00	\$	33,200.00
46						
47	<b>Other</b>					
48	New Bathroom Building With Overhang Canopy	LUMP	1	175,000.00	\$	175,000.00
49	Moibilization	LUMP	1	15,000.00	\$	15,000.00
50	Maintaining Traffic	LUMP	1	5,000.00	\$	5,000.00
51	Bonding and Insurance	LUMP	1	15,000.00	\$	15,000.00
52	Inspection & Testing	LUMP	1	25,000.00	\$	25,000.00
53						
54	Construction Contingency	8%	1		\$	175,486.00
55	Professional Services & Design	Lump	1	145,000.00	\$	145,000.00
	<b>TOTAL</b>				<b>\$</b>	<b>2,514,061.00</b>