

ESTIMATED CONSTRUCTION COST

Project Name: Highland Drive North Pedestrian Pathway

Client Name: Village of Elm Grove

Project # 38-00000.100

Date Modified: 8/14/2023

Item No.	Description	Unit	Quantity	Unit Price	Total	Item Notes
North Avenue to Gebhardt Road (2,650 LF)						Assumes No Land Acquisitions Needed
1	Traffic Control	L.S.	1	\$ 20,000.00	\$ 20,000.00	
2	Erosion Control	L.S.	1	\$ 15,000.00	\$ 15,000.00	
3	Tree Removal	L.S.	1	\$ 32,000.00	\$ 32,000.00	
4	Full Depth Saw Cut Pavement	L.F.	350	\$ 2.00	\$ 700.00	7 Driveways @ ~25' Wide Each x2
5	Storm Sewer (Pathway Drainage)	L.F.	210	\$ 84.00	\$ 17,640.00	15" Average Assumed
6	Extend Culvert Crossing at Bridge	L.S.	1	\$ 20,000.00	\$ 20,000.00	
7	Beam Guard with E.A. Terminal	L.F.	120	\$ 82.00	\$ 9,840.00	Both Sides of Road
8	Regrade Ditches	L.F.	850	\$ 15.00	\$ 12,750.00	
9	Construct Pathway to Subgrade	L.F.	2,650	\$ 28.00	\$ 74,200.00	
10	Railroad Coordination, Signal Modifications, Track Upgrades for Path, Culvert Extension	L.S.	1	\$ 50,000.00	\$ 50,000.00	Permitting & Flagging - Possible Quiet Zone Update?
11	Remove and Replace Miscellaneous Landscaping	L.S.	1	\$ 7,500.00	\$ 7,500.00	
12	Excavation Below Subgrade (If Required)	C.Y.	240	\$ 32.00	\$ 7,680.00	EBS = 30% of Base for Path Area
13	Geogrid (If Required)	S.Y.	710	\$ 4.00	\$ 2,840.00	Grid = 30% of Base for Path Area
14	Excavation Below Subgrade Backfill (If Required)	Ton	480	\$ 23.00	\$ 11,040.00	2 Tons per CY of EBS
15	Crushed Aggregate Base Course	Ton	1,570	\$ 23.00	\$ 36,110.00	20% Added to Calculated Tonnage
16	3" Asphaltic Concrete Pathway	S.Y.	1,650	\$ 28.00	\$ 46,200.00	Path Length (LF): 2,650, 6 FT Wide, Exclude Driveway
17	4" Asphaltic Concrete Pathway and Driveways in Two Layers	S.Y.	200	\$ 50.00	\$ 10,000.00	7 Driveways @ ~25' Wide Each, 6FT Wide Path, +50%
18	6" Concrete Ramp and Landing	S.F.	490	\$ 28.00	\$ 13,720.00	7 Landings
19	Detectable Warning Fields	S.F.	84	\$ 55.00	\$ 4,620.00	7 Landings
20	Remove and Relocate Mailboxes	Ea.	5	\$ 250.00	\$ 1,250.00	
21	Pavement Marking, Cross Walk, 6" Paint (White)	L.F.	240	\$ 1.35	\$ 324.00	
22	Pavement Marking, Stop Bar, 18" Paint, (White)	L.F.	50	\$ 5.00	\$ 250.00	
23	Topsoil and Hydroseed	S.Y.	4,000	\$ 12.00	\$ 48,000.00	Unit price inflated to cover erosion mat in ditches
Subtotal Construction =					\$441,664.00	
Contingency (20%) =					\$ 88,300.00	
Engineering (30%) =					\$ 132,500.00	
2024 Estimated Total Project Cost =					\$662,464.00	
2025 Estimated Total Project Cost =					\$695,587.20	5% Inflation to 2024 Cost
2026 Estimated Total Project Cost =					\$730,366.56	5% Inflation to 2025 Cost