ESTIMATED CONSTRUCTION COST

Project Name: Gebhardt Road Reconstruction & Pedestrian Pathway

Client Name: Village of Elm Grove

Project # 38-10024.220

Date Modified: 1/10/2022

Item No.	Description	Unit	Quantity	Unit Price	Total	Item Notes
	Gebhardt Road (No Realignment)					
	Traffic Control	L.S.	1	$ 25,000.00	$ 25,000.00	
	Erosion Control	L.S.	1	$ 15,000.00	$ 15,000.00	
	Tree Removal	L.S.	1	$ 25,000.00	$ 25,000.00	
	Full Depth Saw Cut Pavement	L.F.	1,300	$ 2.00	$ 2,600.00	20 Driveways @ ~25' Wide Each x2 - & at Intersections
	Pulverize & Reshape Roadway	S.Y.	6,480	$ 2.50	$ 16,200.00	
	Remove Excess Material	S.Y.	6,480	$ 2.00	$ 12,960.00	
	Construct Pathway to Subgrade	L.F.	2,475	$ 22.00	$ 54,450.00	
	Widen Road Subgrade (Existing Road)	L.F.	4,950	$ 8.00	$ 39,600.00	One side of road x2
	Storm Sewer (Pathway Drainage)	L.F.	130	$ 84.00	$ 10,920.00	15" Average Assumed
	Storm Sewer (Driveway Culverts)	L.F.	600	$ 70.00	$ 42,000.00	12" Average Assumed - 24 Driveways @ 25' Wide Each
	Regrade Ditches	L.F.	4,200	$ 15.00	$ 63,000.00	
	Remove and Salvage Miscellaneous Landscaping	L.S.	1	$ 20,000.00	$ 20,000.00	
	Base Patching - Remove & Replace 12-Inch Material (Pulverized Area)	S.Y.	1,950	$ 22.00	$ 42,900.00	30% of Pulverize Area
	Excavation Below Subgrade (If Required)	C.Y.	230	$ 25.00	$ 5,750.00	EBS = 30% of Base for Path Area
	Geogrid (If Required)	S.Y.	690	$ 3.00	$ 2,070.00	Grid = 30% of Base for Path Area
	Excavation Below Subgrade Backfill (If Required)	Ton	460	$ 25.00	$ 11,500.00	2 Tons per CY of EBS
	Crushed Aggregate Base Course	Ton	1,540	$ 25.00	$ 38,500.00	20% Added to Calculated Tonnage
	3" Asphaltic Concrete Binder Course	S.Y.	6,480	$ 9.50	$ 61,560.00	
	2" Asplatic Concrete Surface Course	S.Y.	6,480	$ 7.50	$ 48,600.00	
	3" Asphaltic Concrete Pathway	S.Y.	1,300	$ 23.00	$ 29,900.00	Path Length (LF): 2,450, 6 FT Wide, Exclude Driveway
	4" Asphaltic Concrete Pathway and Driveways in Two Layers	S.Y.	870	$ 36.00	$ 31,320.00	20 Driveways @ ~25' Wide Each, 6FT Wide Path, Doubled for Culverts/Other Replacements, +30%
	6" Concrete Ramp and Landing	S.F.	140	$ 15.00	$ 2,100.00	2 Landings
	Detectable Warning Fields	S.F.	24	$ 35.00	$ 840.00	2 Landings
	Remove and Relocate Mailboxes	Ea.	15	$ 250.00	$ 3,750.00	
	Crushed Aggregate Shoulder w/ 2" Topsoil & Seed	L.F.	4,950	$ 5.00	$ 24,750.00	Total Project Length x2
	Pavement Marking, Cross Walk, 6" Paint (White)	L.F.	60	$ 5.00	$ 300.00	
	Pavement Marking, Stop Bar, 18" Paint, (White)	L.F.	120	$ 13.00	$ 1,560.00	
	Pavement Marking, Centerline, 4" Paint (Yellow)	L.F.	4,950	$ 3.00	$ 14,850.00	Length x2 for Double Yellow
	Pavement Marking, Fog Line, 4" Paint (White)	L.F.	4,950	$ 3.00	$ 14,850.00	
	Topsoil, Fertilizer & Sod	S.Y.	3,750	$ 15.00	$ 56,250.00	Ditch Areas
	Topsoil, Seed & Erosion Matting	S.Y.	1,000	$ 8.00	$ 8,000.00	Areas outside of ditches
		Subtotal Gebhardt Construction =			$ 726,080.00	
	Highland Drive					
	Traffic Control	L.S.	1	$ 25,000.00	$ 25,000.00	
	Erosion Control	L.S.	1	$ 10,000.00	$ 10,000.00	
	Full Depth Saw Cut Pavement	L.F.	100	$ 2.00	$ 200.00	
	Pulverize & Reshape Roadway	S.Y.	2,350	$ 2.50	$ 5,875.00	
	Remove Excess Material	S.Y.	2,350	$ 2.00	$ 4,700.00	
	Grading/Excavation to Lower Hill	C.Y.	670	$ 30.00	$ 20,100.00	1000SY, 2FT Cut Average
	Grading to Match Side Slopes & Ditch Reconstruction	S.Y.	2,000	$ 12.00	$ 24,000.00	Right-of-Way in Cut Location
	Widen Road Subgrade (Existing Road)	L.F.	1,680	$ 2.00	$ 3,360.00	Minimal Widening, One side of road x2
	Base Patching - Remove & Replace 12-Inch Material (Pulverized Area)	S.Y.	705	$ 22.00	$ 15,510.00	30% of Pulverize Area
	Excavation Below Subgrade (If Required)	C.Y.	80	$ 25.00	$ 2,000.00	EBS = 10% Area
	Geogrid (If Required)	S.Y.	235	$ 3.00	$ 705.00	Grid = 10% Area
	Excavation Below Subgrade Backfill (If Required)	Ton	160	$ 25.00	$ 4,000.00	2 Tons per CY of EBS
	Driveway Replacement (Hill Cut)	S.Y.	250	$ 36.00	$ 9,000.00	
	3" Asphaltic Concrete Binder Course	S.Y.	2,450	$ 9.50	$ 23,275.00	Pulverize Area + 100 Widening
	2" Asplatic Concrete Surface Course	S.Y.	2,450	$ 7.50	$ 18,375.00	Pulverize Area + 100 Widening

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	Crushed Aggregate Shoulder w/ 2" Topsoil & Seed	L.F.	1,680	$ 5.00	$ 8,400.00	
	Pavement Marking, Stop Bar, 18" Paint, (White)	L.F.	20	$ 15.00	$ 300.00	Hillside
	Pavement Marking, Double Yellow, 4" Paint (Yellow)	L.F.	1,680	$ 3.00	$ 5,040.00	
	Pavement Marking, Fog Line, 4" Paint (White)	L.F.	1,680	$ 3.00	$ 5,040.00	
	Topsoil, Seed & Erosion Matting (Hill Cut)	S.Y.	2,000	$ 8.00	$ 16,000.00	
	Topsoil, Seed & Erosion Matting	S.Y.	375	$ 8.00	$ 3,000.00	Minimal Area Outside Roadway
		Subtotal Highland Drive Construction =			$ 203,880.00	
		Subtotal All Construction =			$ 929,960.00	
		Contingency (20%) =			$ 186,000.00	
	Engineering (Design, Construction Administration, Staking & Review) (20%) =				$ 186,000.00	
		Estimated Total Project Cost =			$ 1,301,960.00	