

ESTIMATED CONSTRUCTION COST SUMMARY

Project Name: Pedestrian Pathways

Client Name: Village of Elm Grove

Project # 38-00000.100

Date Modified: 9/2/2021

Roadway	Project Limits	Total Path Length	Subtotal Construction	Contingency (20%)	Engineering (20% Budget Estimate)	Total Project Cost	Total Project Cost per Foot
		(L.F.)					
Gebhardt Road	Pilgrim Road to Highland Drive	2,450	\$ 273,205.00	\$ 54,600.00	\$ 54,600.00	\$ 382,405.00	\$ 156.08
Highland Drive North	North Avenue to Gebhardt Road	2,650	\$ 387,610.00	\$ 77,500.00	\$ 77,500.00	\$ 542,610.00	\$ 204.76
Highland Drive South	Gebhardt Road to Watertown Plank Road	5,100	\$ 727,035.00	\$ 145,400.00	\$ 145,400.00	\$ 1,017,835.00	\$ 199.58
Juneau Boulevard	Village Hall Entrance to Watertown Plank Road	1,950	\$ 282,630.00	\$ 56,500.00	\$ 56,500.00	\$ 395,630.00	\$ 202.89
Hollyhock Lane	North Avenue to Underwood River Parkway	2,000	\$ 300,040.00	\$ 60,000.00	\$ 60,000.00	\$ 420,040.00	\$ 210.02
Gremoor Drive	Hollyhock Lane to 124th Street	3,450	\$ 607,980.00	\$ 121,600.00	\$ 121,600.00	\$ 851,180.00	\$ 246.72
	Totals =	17,600	\$ 2,578,500.00	\$ 515,600.00	\$ 515,600.00	\$ 3,609,700.00	

ESTIMATED CONSTRUCTION COST						
Project Name: Gebhardt Road Pedestrian Pathway						
Client Name: Village of Elm Grove						
Project # 38-00000.100					Date Modified:	9/2/2021
Item No.	Description	Unit	Quantity	Unit Price	Total	Item Notes
Pilgrim Road to Highland Drive						
						Assumes Most Driveway Culverts Replaced with Road
						Assumes Ditch Located in Front of Pathway
						Assumes No Land Acquisitions Needed
1	Traffic Control	L.S.	1	\$ 10,000.00	\$ 10,000.00	
2	Erosion Control	L.S.	1	\$ 5,000.00	\$ 5,000.00	
3	Tree Removal	L.S.	1	\$ 25,000.00	\$ 25,000.00	
4	Full Depth Saw Cut Pavement	L.F.	1,000	\$ 2.00	\$ 2,000.00	20 Driveways @ ~25' Wide Each x2
5	Storm Sewer (Pathway Drainage)	L.F.	130	\$ 84.00	\$ 10,920.00	15" Average Assumed
6	Regrade Ditches	L.F.	325	\$ 25.00	\$ 8,125.00	
7	Construct Pathway to Subgrade	L.F.	2,450	\$ 22.00	\$ 53,900.00	
8	Remove and Replace Miscellaneous Landscaping	L.S.	1	\$ 20,000.00	\$ 20,000.00	
9	Excavation Below Subgrade (If Required)	C.Y.	230	\$ 25.00	\$ 5,750.00	EBS = 30% of Base for Path Area
10	Geogrid (If Required)	S.Y.	690	\$ 3.00	\$ 2,070.00	Grid = 30% of Base for Path Area
11	Excavation Below Subgrade Backfill (If Required)	Ton	460	\$ 25.00	\$ 11,500.00	2 Tons per CY of EBS
12	Crushed Aggregate Base Course	Ton	1,100	\$ 25.00	\$ 27,500.00	20% Added to Calculated Tonnage
13	3" Asphaltic Concrete Pathway	S.Y.	1,300	\$ 23.00	\$ 29,900.00	Path Length (LF): 2,450, 6 FT Wide, Exclude Driveway
14	4" Asphaltic Concrete Pathway and Driveways in Two Layers	S.Y.	450	\$ 36.00	\$ 16,200.00	20 Driveways @ ~25' Wide Each, 6FT Wide Path, +30%
15	6" Concrete Ramp and Landing	S.F.	140	\$ 15.00	\$ 2,100.00	2 Landings
16	Detectable Warning Fields	S.F.	24	\$ 35.00	\$ 840.00	2 Landings
17	Remove and Relocate Mailboxes	Ea.	10	\$ 250.00	\$ 2,500.00	
18	Pavement Marking, Cross Walk, 6" Paint (White)	L.F.	60	\$ 10.00	\$ 600.00	
19	Pavement Marking, Stop Bar, 18" Paint, (White)	L.F.	20	\$ 15.00	\$ 300.00	
20	Topsoil, Fertilizer & Sod	S.Y.	1,000	\$ 15.00	\$ 15,000.00	Ditch Areas
21	Topsoil, Seed & Erosion Matting	S.Y.	3,000	\$ 8.00	\$ 24,000.00	Areas outside of ditches
				Subtotal Construction =	\$273,205.00	
				Contingency (20%) =	\$ 54,600.00	
				Engineering (20% Budget Estimate) =	\$ 54,600.00	
				Estimated Total Project Cost =	\$ 382,405.00	

ESTIMATED CONSTRUCTION COST

Project Name: Highland Drive North Pedestrian Pathway

Client Name: Village of Elm Grove

Project # 38-00000.100

Date Modified: 9/2/2021

Item No.	Description	Unit	Quantity	Unit Price	Total	Item Notes
North Avenue to Gebhardt Road						Assumes No Land Acquisitions Needed
1	Traffic Control	L.S.	1	\$ 10,000.00	\$ 10,000.00	
2	Erosion Control	L.S.	1	\$ 15,000.00	\$ 15,000.00	
3	Tree Removal	L.S.	1	\$ 25,000.00	\$ 25,000.00	
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	\$ 10,000.00	\$ 10,000.00	
7	Beam Guard with E.A. Terminal	L.F.	120	\$ 80.00	\$ 9,600.00	Both Sides of Road
8	Regrade Ditches	L.F.	850	\$ 25.00	\$ 21,250.00	
9	Construct Pathway to Subgrade	L.F.	2,650	\$ 28.00	\$ 74,200.00	
10	Railroad Coordination	L.S.	1	\$ 10,000.00	\$ 10,000.00	Permitting & Flagging
11	Remove and Replace Miscellaneous Landscaping	L.S.	1	\$ 15,000.00	\$ 15,000.00	
12	Excavation Below Subgrade (If Required)	C.Y.	240	\$ 25.00	\$ 6,000.00	EBS = 30% of Base for Path Area
13	Geogrid (If Required)	S.Y.	710	\$ 3.00	\$ 2,130.00	Grid = 30% of Base for Path Area
14	Excavation Below Subgrade Backfill (If Required)	Ton	480	\$ 25.00	\$ 12,000.00	2 Tons per CY of EBS
15	Crushed Aggregate Base Course	Ton	1,570	\$ 25.00	\$ 39,250.00	20% Added to Calculated Tonnage
16	3" Asphaltic Concrete Pathway	S.Y.	1,650	\$ 23.00	\$ 37,950.00	Path Length (LF): 2,650, 6 FT Wide, Exclude Driveway
17	4" Asphaltic Concrete Pathway and Driveways in Two Layers	S.Y.	200	\$ 36.00	\$ 7,200.00	7 Driveways @ ~25' Wide Each, 6FT Wide Path, +50%
18	6" Concrete Ramp and Landing	S.F.	490	\$ 15.00	\$ 7,350.00	7 Landings
19	Detectable Warning Fields	S.F.	84	\$ 35.00	\$ 2,940.00	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	\$ 10.00	\$ 2,400.00	
22	Pavement Marking, Stop Bar, 18" Paint, (White)	L.F.	50	\$ 15.00	\$ 750.00	
23	Topsoil, Fertilizer & Sod	S.Y.	4,000	\$ 15.00	\$ 60,000.00	
Subtotal Construction =					\$387,610.00	
Contingency (20%) =					\$ 77,500.00	
Engineering (20% Budget Estimate) =					\$ 77,500.00	
Estimated Total Project Cost =					\$542,610.00	

ESTIMATED CONSTRUCTION COST

Project Name: Highland Drive South Pedestrian Pathway

Client Name: Village of Elm Grove

Project # 38-00000.100

Date Modified: 9/2/2021

Item No.	Description	Unit	Quantity	Unit Price	Total	Item Notes
Gebhardt Road to Watertown Plank Road						Assumes No Land Acquisitions Needed
1	Traffic Control	L.S.	1	\$ 10,000.00	\$ 10,000.00	
2	Erosion Control	L.S.	1	\$ 10,000.00	\$ 10,000.00	
3	Tree Removal	L.S.	1	\$ 50,000.00	\$ 50,000.00	
4	Full Depth Saw Cut Pavement	L.F.	1,250	\$ 2.00	\$ 2,500.00	25 Driveways @ ~25' Wide Each x2
5	Storm Sewer (Pathway Drainage)	L.F.	575	\$ 84.00	\$ 48,300.00	15" Average Assumed
6	3-FT High Retaining Wall	L.F.	280	\$ 40.00	\$ 11,200.00	
7	Regrade Ditches	L.F.	1,700	\$ 25.00	\$ 42,500.00	
8	Construct Pathway to Subgrade	L.F.	5,100	\$ 28.00	\$ 142,800.00	
9	Remove and Replace Miscellaneous Landscaping	L.S.	1	\$ 50,000.00	\$ 50,000.00	
10	Excavation Below Subgrade (If Required)	C.Y.	460	\$ 25.00	\$ 11,500.00	EBS = 30% of Base for Path Area
11	Geogrid (If Required)	S.Y.	1,360	\$ 3.00	\$ 4,080.00	Grid = 30% of Base for Path Area
12	Excavation Below Subgrade Backfill (If Required)	Ton	920	\$ 25.00	\$ 23,000.00	2 Tons per CY of EBS
13	Crushed Aggregate Base Course	Ton	3,025	\$ 25.00	\$ 75,625.00	20% Added to Calculated Tonnage
14	3" Asphaltic Concrete Pathway	S.Y.	3,000	\$ 23.00	\$ 69,000.00	Path Length (LF): 5,100, 6 FT Wide, Exclude Driveway
15	4" Asphaltic Concrete Pathway and Driveways in Two Layers	S.Y.	720	\$ 36.00	\$ 25,920.00	25 Driveways @ ~25' Wide Each, 6FT Wide Path, +70%
16	6" Concrete Ramp and Landing	S.F.	910	\$ 15.00	\$ 13,650.00	13 Landings
17	Detectable Warning Fields	S.F.	156	\$ 35.00	\$ 5,460.00	13 Landings
18	Remove and Relocate Mailboxes	Ea.	20	\$ 250.00	\$ 5,000.00	
19	Pavement Marking, Cross Walk, 6" Paint (White)	L.F.	500	\$ 10.00	\$ 5,000.00	
20	Pavement Marking, Stop Bar, 18" Paint, (White)	L.F.	100	\$ 15.00	\$ 1,500.00	
21	Topsoil, Fertilizer & Sod	S.Y.	8,000	\$ 15.00	\$ 120,000.00	
Subtotal Construction =					\$ 727,035.00	
Contingency (20%) =					\$ 145,400.00	
Engineering (20% Budget Estimate) =					\$ 145,400.00	
Estimated Total Project Cost =					\$ 1,017,835.00	

ESTIMATED CONSTRUCTION COST						
Project Name: Juneau Boulevard Pedestrian Pathway						
Client Name: Village of Elm Grove						
Project # 38-00000.100						Date Modified: 9/2/2021
Item No.	Description	Unit	Quantity	Unit Price	Total	Item Notes
Village Hall Entrance to Watertown Plank Rd						Assumes No Land Acquisitions Needed
1	Traffic Control	L.S.	1	\$ 7,500.00	\$ 7,500.00	
2	Erosion Control	L.S.	1	\$ 10,000.00	\$ 10,000.00	
3	Tree Removal	L.S.	1	\$ 15,000.00	\$ 15,000.00	
4	Full Depth Saw Cut Pavement	L.F.	700	\$ 2.00	\$ 1,400.00	10 Driveways @ ~25' Wide Each x2
5	Storm Sewer (Pathway Drainage)	L.F.	350	\$ 84.00	\$ 29,400.00	15" Average Assumed
6	Storm Field Inlet Structure	Ea.	6	\$ 2,500.00	\$ 15,000.00	
7	Regrade Ditches	L.F.	500	\$ 25.00	\$ 12,500.00	
8	Construct Pathway to Subgrade	L.F.	1,950	\$ 26.00	\$ 50,700.00	
9	Remove and Replace Miscellaneous Landscaping	L.S.	1	\$ 20,000.00	\$ 20,000.00	
10	Excavation Below Subgrade (If Required)	C.Y.	175	\$ 25.00	\$ 4,375.00	EBS = 30% of Base for Path Area
11	Geogrid (If Required)	S.Y.	520	\$ 3.00	\$ 1,560.00	Grid = 30% of Base for Path Area
12	Excavation Below Subgrade Backfill (If Required)	Ton	350	\$ 25.00	\$ 8,750.00	2 Tons per CY of EBS
13	Crushed Aggregate Base Course	Ton	1,015	\$ 25.00	\$ 25,375.00	20% Added to Calculated Tonnage
14	3" Asphaltic Concrete Pathway	S.Y.	1,200	\$ 23.00	\$ 27,600.00	Path Length (LF): 1,950, 6 FT Wide, Exclude Driveway
15	4" Asphaltic Concrete Pathway and Driveways in Two Layers	S.Y.	250	\$ 36.00	\$ 9,000.00	10 Driveways @ ~25' Wide Each, 6FT Wide Path, +50%
16	6" Concrete Ramp and Landing	S.F.	420	\$ 15.00	\$ 6,300.00	6 Landings
17	Detectable Warning Fields	S.F.	72	\$ 35.00	\$ 2,520.00	6 Landings
18	Remove and Relocate Mailboxes	Ea.	5	\$ 250.00	\$ 1,250.00	
19	Pavement Marking, Cross Walk, 6" Paint (White)	L.F.	200	\$ 10.00	\$ 2,000.00	
20	Pavement Marking, Stop Bar, 18" Paint, (White)	L.F.	60	\$ 15.00	\$ 900.00	
21	Relocate Signs	L.S.	3	\$ 500.00	\$ 1,500.00	
22	Topsoil, Fertilizer & Sod	S.Y.	2,000	\$ 15.00	\$ 30,000.00	
				Subtotal Construction =	\$282,630.00	
				Contingency (20%) =	\$ 56,500.00	
				Engineering (20% Budget Estimate) =	\$ 56,500.00	
				Estimated Total Project Cost =	\$395,630.00	

ESTIMATED CONSTRUCTION COST

Project Name: Hollyhock Lane Pedestrian Pathway

Client Name: Village of Elm Grove

Project # 38-00000.100

Date Modified: 9/2/2021

Item No.	Description	Unit	Quantity	Unit Price	Total	Item Notes
North Avenue to Underwood River Parkway						Assumes No Land Acquisitions Needed
1	Traffic Control	L.S.	1	\$ 10,000.00	\$ 10,000.00	
2	Erosion Control	L.S.	1	\$ 3,000.00	\$ 3,000.00	
3	Tree Removal	L.S.	1	\$ 7,500.00	\$ 7,500.00	
4	Full Depth Saw Cut Pavement	L.F.	550	\$ 2.00	\$ 1,100.00	11 Driveways @ ~25' Wide Each x2
5	Storm Sewer (Pathway Drainage)	L.F.	625	\$ 84.00	\$ 52,500.00	15" Average Assumed
6	Storm Inlet Structure	Ea.	7	\$ 2,500.00	\$ 17,500.00	
7	Regrade Ditches	L.F.	1,000	\$ 25.00	\$ 25,000.00	
8	Adjust Sanitary Cleanout	EA.	1	\$ 1,000.00	\$ 1,000.00	
9	Construct Pathway to Subgrade	L.F.	2,000	\$ 26.00	\$ 52,000.00	
10	Remove and Replace Miscellaneous Landscaping	L.S.	1	\$ 7,500.00	\$ 7,500.00	
11	Excavation Below Subgrade (If Required)	C.Y.	135	\$ 25.00	\$ 3,375.00	EBS = 30% of Base for Path Area
12	Geogrid (If Required)	S.Y.	400	\$ 3.00	\$ 1,200.00	Grid = 30% of Base for Path Area
13	Excavation Below Subgrade Backfill (If Required)	Ton	270	\$ 25.00	\$ 6,750.00	2 Tons per CY of EBS
14	Crushed Aggregate Base Course	Ton	1,040	\$ 25.00	\$ 26,000.00	20% Added to Calculated Tonnage
15	3" Asphaltic Concrete Pathway	S.Y.	1,150	\$ 23.00	\$ 26,450.00	Path Length (LF): 2,000, 6 FT Wide, Exclude Driveway
16	4" Asphaltic Concrete Pathway and Driveways in Two Layers	S.Y.	275	\$ 36.00	\$ 9,900.00	11 Driveways @ ~25' Wide Each, 6FT Wide Path, +50%
17	4" Asphaltic Concrete Trench Patch	S.Y.	225	\$ 32.00	\$ 7,200.00	10' Width Where Culvert Is Close To Pavement
18	6" Concrete Ramp and Landing	S.F.	490	\$ 15.00	\$ 7,350.00	7 Landings
19	Detectable Warning Fields	S.F.	84	\$ 35.00	\$ 2,940.00	7 Landings
20	Remove and Relocate Mailboxes	Ea.	5	\$ 250.00	\$ 1,250.00	
21	Pavement Marking, Cross Walk, 6" Paint (White)	L.F.	200	\$ 10.00	\$ 2,000.00	
22	Relocate Sign	EA.	5	\$ 500.00	\$ 2,500.00	
23	Pavement Marking, Stop Bar, 18" Paint, (White)	L.F.	35	\$ 15.00	\$ 525.00	
24	Topsoil, Fertilizer & Sod	S.Y.	1,700	\$ 15.00	\$ 25,500.00	
				Subtotal Construction =	\$300,040.00	
				Contingency (20%) =	\$ 60,000.00	
				Engineering (20% Budget Estimate) =	\$ 60,000.00	
				Estimated Total Project Cost =	\$ 420,040.00	

ESTIMATED CONSTRUCTION COST

Project Name: Gremoor Drive Pedestrian Pathway

Client Name: Village of Elm Grove

Project # 38-00000.100

Date Modified: 9/2/2021

Item No.	Description	Unit	Quantity	Unit Price	Total	Item Notes
Hollyhock Lane to 124th Street						
1	Traffic Control	L.S.	1	\$ 7,500.00	\$ 7,500.00	
2	Erosion Control	L.S.	1	\$ 5,000.00	\$ 5,000.00	
3	Tree Removal	L.S.	1	\$ 10,000.00	\$ 10,000.00	
4	Full Depth Saw Cut Pavement	L.F.	1,050	\$ 2.00	\$ 2,100.00	21 Driveways @ ~25' Wide Each x2
5	Storm Sewer (Pathway Drainage)	L.F.	550	\$ 84.00	\$ 46,200.00	15" Average Assumed
6	18" Dia CMP Ditch Enclosure	L.F.	100	\$ 430.00	\$ 43,000.00	
7	24" Dia CMP Ditch Enclosure	L.F.	130	\$ 750.00	\$ 97,500.00	
8	Storm Inlet/Manhole Structure	Ea.	9	\$ 3,000.00	\$ 27,000.00	
9	Regrade Ditches	L.F.	1,810	\$ 25.00	\$ 45,250.00	
10	Construct Pathway to Subgrade	L.F.	3,450	\$ 26.00	\$ 89,700.00	
11	Adjust Sanitary Cleanout	EA.	2	\$ 1,000.00	\$ 2,000.00	
12	Adjust Sump Pump Lines	EA.	3	\$ 1,000.00	\$ 3,000.00	
13	Remove and Replace Miscellaneous Landscaping	L.S.	1	\$ 20,000.00	\$ 20,000.00	
14	Excavation Below Subgrade (If Required)	C.Y.	230	\$ 25.00	\$ 5,750.00	EBS = 30% of Base for Path Area
15	Geogrid (If Required)	S.Y.	690	\$ 3.00	\$ 2,070.00	Grid = 30% of Base for Path Area
16	Excavation Below Subgrade Backfill (If Required)	Ton	460	\$ 25.00	\$ 11,500.00	2 Tons per CY of EBS
17	Crushed Aggregate Base Course	Ton	1,790	\$ 25.00	\$ 44,750.00	20% Added to Calculated Tonnage
18	3" Asphaltic Concrete Pathway	S.Y.	1,950	\$ 23.00	\$ 44,850.00	Path Length (LF): 3,450, 6 FT Wide, Exclude Driveway
19	4" Asphaltic Concrete Pathway and Driveways in Two Layers	S.Y.	525	\$ 36.00	\$ 18,900.00	21 Driveways @ ~25' Wide Each, 6FT Wide Path, +50%
20	4" Asphaltic Concrete Trench Patch	S.Y.	50	\$ 32.00	\$ 1,600.00	
21	6" Concrete Ramp and Landing	S.F.	560	\$ 15.00	\$ 8,400.00	8 Landings
22	Detectable Warning Fields	S.F.	96	\$ 35.00	\$ 3,360.00	8 Landings
23	Remove and Relocate Mailboxes	Ea.	10	\$ 250.00	\$ 2,500.00	
24	Pavement Marking, Cross Walk, 6" Paint (White)	L.F.	260	\$ 10.00	\$ 2,600.00	
25	Pavement Marking, Stop Bar, 18" Paint, (White)	L.F.	50	\$ 15.00	\$ 750.00	
26	Relocate Sign	EA.	3	\$ 500.00	\$ 1,500.00	
27	Topsoil, Fertilizer & Sod	S.Y.	4,080	\$ 15.00	\$ 61,200.00	
				Subtotal Construction =	\$607,980.00	
				Contingency (20%) =	\$ 121,600.00	
				Engineering (20% Budget Estimate) =	\$ 121,600.00	
				Estimated Total Project Cost =	\$ 851,180.00	