

ESTIMATED CONSTRUCTION COST						
<b>Project Name: Watertown Plank Road Pedestrian Pathway</b>						
Client Name: Village of Elm Grove						
Project # 38-10017.200						Date Modified: 10/19/2018
Item No.	Description	Unit	Quantity	Unit Price	Total	Item Notes
<b>Pilgrim Road to Highland Drive</b>						
1	Traffic Control	L.S.	1	\$ 17,000.00	\$ 17,000.00	
2	Temporary Ditch Check	L.F.	30	\$ 5.00	\$ 150.00	
3	Inlet Protection	Ea.	18	\$ 75.00	\$ 1,350.00	
4	Full Depth Saw Cut Pavement	L.F.	1,820	\$ 2.00	\$ 3,640.00	
5	Remove Existing Storm Sewers, Structures and Culverts	L.F.	575	\$ 9.00	\$ 5,175.00	
6	12" CMP Culvert w/ Granular Backfill	L.F.	325	\$ 75.00	\$ 24,375.00	
7	14" x 9" CMPA Culvert w/ Granular Backfill	L.F.	640	\$ 75.00	\$ 48,000.00	
8	18" CMP Culvert w/ Granular Backfill	L.F.	95	\$ 85.00	\$ 8,075.00	
9	Special Field Inlet w/ Frame and Grate	Ea.	7	\$ 1,500.00	\$ 10,500.00	
10	Medium Fieldstone for Culvert Ends	S.F.	1,300	\$ 20.00	\$ 26,000.00	
11	Construct Pathway to Subgrade Including Removals	L.S.	1	\$ 77,000.00	\$ 77,000.00	
12	Remove and Replace Existing Planter Beds and Landscape Stone Walls	L.S.	1	\$ 2,000.00	\$ 2,000.00	
13	Excavation Below Subgrade (If Required)	C.Y.	520	\$ 18.00	\$ 9,360.00	EBS = 30% of Base for Path Area
14	Geogrid (If Required)	S.Y.	1,535	\$ 2.50	\$ 3,837.50	Grid = 30% of Base for Path Area
15	Excavation Below Subgrade Backfill (If Required)	Ton	1,040	\$ 18.00	\$ 18,720.00	2 Tons per CY of EBS
16	Crushed Aggregate Base Course	Ton	2,255	\$ 15.00	\$ 33,825.00	
17	3" Ashpaltic Concrete Pathway	S.Y.	3,820	\$ 25.00	\$ 95,500.00	Gross New Impervious Area =
18	4" Ashpaltic Concrete Pathway and Driveways in Two Layers	S.Y.	930	\$ 35.00	\$ 32,550.00	10,540 SF
19	Concrete Ramp and Landing	S.F.	1,350	\$ 8.00	\$ 10,800.00	
20	Detectable Warning Fields	S.F.	346	\$ 50.00	\$ 17,300.00	
21	Crushed Aggregate Shoulder with Fertilizer and Seed	Ton	445	\$ 15.00	\$ 6,675.00	
22	Remove and Relocate Mailbox Posts	Ea.	16	\$ 200.00	\$ 3,200.00	
23	Pavement Marking, Cross Walk, 6" Paint, (White)	L.F.	1,445	\$ 1.00	\$ 1,445.00	
24	Pavement Marking, Edge Line, 4" Paint, (White)	L.F.	25	\$ 1.00	\$ 25.00	
25	Pavement Marking, Stop Bar, 18" Paint, (White)	L.F.	200	\$ 2.00	\$ 400.00	Total Disturbed Area =
26	Topsoil, Fertilizer & Sod	S.Y.	8,440	\$ 8.00	\$ 67,520.00	38,925 SF
				Subtotal Construction =	\$ 524,422.50	
				Contingency (20%) =	\$ 104,884.50	
				Estimated Total Project Cost =	\$ 629,307.00	

**ESTIMATED CONSTRUCTION COST**

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Project # 38-10017.200

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Item No.	Description	Unit	Quantity	Unit Price	Total	Item Notes
<b>Pilgrim Road to Highland Drive</b>						
1	Traffic Control	L.S.	1	\$ 10,000.00	\$ 10,000.00	
2	Temporary Ditch Check	L.F.	30	\$ 5.00	\$ 150.00	
3	Inlet Protection	Ea.	8	\$ 75.00	\$ 600.00	
4	Full Depth Saw Cut Pavement	L.F.	1,050	\$ 2.00	\$ 2,100.00	
5	Remove Existing Storm Sewers, Structures and Culverts	L.F.	575	\$ 9.00	\$ 5,175.00	
6	12" CMP Culvert w/ Granular Backfill	L.F.	325	\$ 75.00	\$ 24,375.00	
7	14" x 9" CMPA Culvert w/ Granular Backfill	L.F.	640	\$ 75.00	\$ 48,000.00	
8	18" CMP Culvert w/ Granular Backfill	L.F.	95	\$ 85.00	\$ 8,075.00	
9	Special Field Inlet w/ Frame and Grate	Ea.	7	\$ 1,500.00	\$ 10,500.00	
10	Medium Fieldstone for Culvert Ends	S.F.	1,300	\$ 20.00	\$ 26,000.00	
11	Construct Pathway to Subgrade Including Removals	L.S.	1	\$ 40,000.00	\$ 40,000.00	
12	Remove and Replace Existing Planter Beds and Landscape Stone Walls	L.S.	1	\$ 2,000.00	\$ 2,000.00	
13	Excavation Below Subgrade (If Required)	C.Y.	160	\$ 18.00	\$ 2,880.00	EBS = 30% of Base for Path Area
14	Geogrid (If Required)	S.Y.	470	\$ 2.50	\$ 1,175.00	Grid = 30% of Base for Path Area
15	Excavation Below Subgrade Backfill (If Required)	Ton	320	\$ 18.00	\$ 5,760.00	2 Tons per CY of EBS
16	Crushed Aggregate Base Course	Ton	800	\$ 15.00	\$ 12,000.00	
17	3" Ashpaltic Concrete Pathway	S.Y.	1,120	\$ 25.00	\$ 28,000.00	Gross New Impervious Area =
18	4" Ashpaltic Concrete Pathway and Driveways in Two Layers	S.Y.	500	\$ 35.00	\$ 17,500.00	10,540 SF
19	Concrete Ramp and Landing	S.F.	485	\$ 8.00	\$ 3,880.00	
20	Detectable Warning Fields	S.F.	134	\$ 50.00	\$ 6,700.00	
21	Crushed Aggregate Shoulder with Fertilizer and Seed	Ton	445	\$ 15.00	\$ 6,675.00	
22	Remove and Relocate Mailbox Posts	Ea.	10	\$ 200.00	\$ 2,000.00	
23	Pavement Marking, Cross Walk, 6" Paint, (White)	L.F.	600	\$ 1.00	\$ 600.00	
24	Pavement Marking, Edge Line, 4" Paint, (White)	L.F.	0	\$ 1.00	\$ -	
25	Pavement Marking, Stop Bar, 18" Paint, (White)	L.F.	45	\$ 2.00	\$ 90.00	Total Disturbed Area =
26	Topsoil, Fertilizer & Sod	S.Y.	4,325	\$ 8.00	\$ 34,600.00	38,925 SF
					Subtotal Construction =	\$ 298,835.00
					Contingency (20%) =	\$ 59,767.00
					Estimated Total Project Cost =	\$ 358,602.00

**ESTIMATED CONSTRUCTION COST**

**Project Name: Watertown Plank Road Pedestrian Pathway**

Client Name: Village of Elm Grove

Project # 38-10017.200

Date Modified: 10/19/2018

Item No.	Description	Unit	Quantity	Unit Price	Total	Item Notes
<b>Highland Drive to Elm Grove Road</b>						
1	Traffic Control	L.S.	1	\$ 5,000.00	\$ 5,000.00	
2	Temporary Ditch Check	L.F.	0	\$ 5.00	\$ -	
3	Inlet Protection	Ea.	5	\$ 75.00	\$ 375.00	
4	Full Depth Saw Cut Pavement	L.F.	560	\$ 2.00	\$ 1,120.00	
5	Remove Existing Storm Sewers, Structures and Culverts	L.F.	0	\$ 9.00	\$ -	
6	12" CMP Culvert w/ Granular Backfill	L.F.	0	\$ 75.00	\$ -	
7	14" x 9" CMPA Culvert w/ Granular Backfill	L.F.	0	\$ 75.00	\$ -	
8	18" CMP Culvert w/ Granular Backfill	L.F.	0	\$ 85.00	\$ -	
9	Special Field Inlet w/ Frame and Grate	Ea.	0	\$ 1,500.00	\$ -	
10	Medium Fieldstone for Culvert Ends	S.F.	0	\$ 20.00	\$ -	
11	Construct Pathway to Subgrade Including Removals	L.S.	1	\$ 25,000.00	\$ 25,000.00	
12	Remove and Replace Existing Planter Beds and Landscape Stone Walls	L.S.	0	\$ -	\$ -	
13	Excavation Below Subgrade (If Required)	C.Y.	250	\$ 18.00	\$ 4,500.00	EBS = 30% of Base for Path Area
14	Geogrid (If Required)	S.Y.	735	\$ 2.50	\$ 1,837.50	Grid = 30% of Base for Path Area
15	Excavation Below Subgrade Backfill (If Required)	Ton	500	\$ 18.00	\$ 9,000.00	2 Tons per CY of EBS
16	Crushed Aggregate Base Course	Ton	1,005	\$ 15.00	\$ 15,075.00	
17	3" Ashpaltic Concrete Pathway	S.Y.	1,820	\$ 25.00	\$ 45,500.00	Gross New Impervious Area =
18	4" Ashpaltic Concrete Pathway and Driveways in Two Layers	S.Y.	390	\$ 35.00	\$ 13,650.00	3,430 SF
19	Concrete Ramp and Landing	S.F.	865	\$ 8.00	\$ 6,920.00	
20	Detectable Warning Fields	S.F.	212	\$ 50.00	\$ 10,600.00	
21	Crushed Aggregate Shoulder with Fertilizer and Seed	Ton	0	\$ 15.00	\$ -	
22	Remove and Relocate Mailbox Posts	Ea.	6	\$ 200.00	\$ 1,200.00	
23	Pavement Marking, Cross Walk, 6" Paint, (White)	L.F.	620	\$ 1.00	\$ 620.00	
24	Pavement Marking, Edge Line, 4" Paint, (White)	L.F.	25	\$ 1.00	\$ 25.00	
25	Pavement Marking, Stop Bar, 18" Paint, (White)	L.F.	100	\$ 2.00	\$ 200.00	Total Disturbed Area =
26	Topsoil, Fertilizer & Sod	S.Y.	2,465	\$ 8.00	\$ 19,720.00	42,870 SF
					Subtotal Construction =	\$ 160,342.50
					Contingency (20%) =	\$ 32,068.50
					Estimated Total Project Cost =	\$ 192,411.00

**ESTIMATED CONSTRUCTION COST**

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Client Name: Village of Elm Grove

Project # 38-10017.200

Date Modified: 10/19/2018

Item No.	Description	Unit	Quantity	Unit Price	Total	Item Notes
<b>Crescent Drive to 124th Street</b>						
1	Traffic Control	L.S.	1	\$ 2,000.00	\$ 2,000.00	
2	Temporary Ditch Check	L.F.	0	\$ 5.00	\$ -	
3	Inlet Protection	Ea.	5	\$ 75.00	\$ 375.00	
4	Full Depth Saw Cut Pavement	L.F.	210	\$ 2.00	\$ 420.00	
5	Remove Existing Storm Sewers, Structures and Culverts	L.F.	0	\$ 9.00	\$ -	
6	12" CMP Culvert w/ Granular Backfill	L.F.	0	\$ 75.00	\$ -	
7	14" x 9" CMPA Culvert w/ Granular Backfill	L.F.	0	\$ 75.00	\$ -	
8	18" CMP Culvert w/ Granular Backfill	L.F.	0	\$ 85.00	\$ -	
9	Special Field Inlet w/ Frame and Grate	Ea.	0	\$ 1,500.00	\$ -	
10	Medium Fieldstone for Culvert Ends	S.F.	0	\$ 20.00	\$ -	
11	Construct Pathway to Subgrade Including Removals	L.S.	1	\$ 12,000.00	\$ 12,000.00	
12	Remove and Replace Existing Planter Beds and Landscape Stone Walls	L.S.	0	\$ -	\$ -	
13	Excavation Below Subgrade (If Required)	C.Y.	110	\$ 18.00	\$ 1,980.00	EBS = 30% of Base for Path Area
14	Geogrid (If Required)	S.Y.	330	\$ 2.50	\$ 825.00	Grid = 30% of Base for Path Area
15	Excavation Below Subgrade Backfill (If Required)	Ton	220	\$ 18.00	\$ 3,960.00	2 Tons per CY of EBS
16	Crushed Aggregate Base Course	Ton	450	\$ 15.00	\$ 6,750.00	
17	3" Ashpaltic Concrete Pathway	S.Y.	880	\$ 25.00	\$ 22,000.00	Gross New Impervious Area =
18	4" Ashpaltic Concrete Pathway and Driveways in Two Layers	S.Y.	40	\$ 35.00	\$ 1,400.00	0 SF
19	Concrete Ramp and Landing	S.F.	0	\$ 8.00	\$ -	
20	Detectable Warning Fields	S.F.	0	\$ 50.00	\$ -	
21	Crushed Aggregate Shoulder with Fertilizer and Seed	Ton	0	\$ 15.00	\$ -	
22	Remove and Relocate Mailbox Posts	Ea.	0	\$ 200.00	\$ -	
23	Pavement Marking, Cross Walk, 6" Paint, (White)	L.F.	225	\$ 1.00	\$ 225.00	
24	Pavement Marking, Edge Line, 4" Paint, (White)	L.F.	0	\$ 1.00	\$ -	
25	Pavement Marking, Stop Bar, 18" Paint, (White)	L.F.	55	\$ 2.00	\$ 110.00	Total Disturbed Area =
26	Topsoil, Fertilizer & Sod	S.Y.	1,650	\$ 8.00	\$ 13,200.00	36,700 SF
					Subtotal Construction =	\$ 65,245.00
					Contingency (20%) =	\$ 13,049.00
					Estimated Total Project Cost =	\$ 78,294.00