

**ESTIMATED CONSTRUCTION COST**

**Project Name: Terrace Drive Drainage and Pavement Improvements**

Client Name: Village of Elm Grove

Project # 38-00000.100

Date Modified: 7/3/2019

Item No	Description	Unit	Quantity	Unit Price	Total	Item Notes
<b>Phase 1 - Drainage Improvements</b>						
1	Traffic Control	L.S.	1	\$ 2,000.00	\$ 2,000.00	
2	Temporary Ditch Check	L.F.	150	\$ 5.00	\$ 750.00	
3	Inlet Protection	Ea.	7	\$ 75.00	\$ 525.00	
4	Full Depth Saw Cut Pavement	L.F.	530	\$ 2.00	\$ 1,060.00	
5	12" RCP Culvert w/ Granular Backfill	L.F.	345	\$ 85.00	\$ 29,325.00	
6	15" RCP Culvert w/ Granular Backfill	L.F.	100	\$ 95.00	\$ 9,500.00	
7	18" RCP Culvert w/ Granular Backfill	L.F.	50	\$ 105.00	\$ 5,250.00	
8	Special Field Inlet w/ Frame and Grate	Ea.	4	\$ 3,000.00	\$ 12,000.00	
9	4-Inch Slotted HDPE Underdrain	L.F.	420	\$ 18.00	\$ 7,560.00	
10	6-Inch Slotted PVC Underdrain	L.F.	130	\$ 25.00	\$ 3,250.00	Behind Curb
11	6-Inch PVC Storm Laterals	L.F.	100	\$ 25.00	\$ 2,500.00	East Side of Terrace Drive Only
12	Ditch Grading	L.F.	180	\$ 30.00	\$ 5,400.00	
13	30-inch Concrete Curb and Gutter Remove and Replace	L.F.	450	\$ 30.00	\$ 13,500.00	
14	Pavement Repair	S.F.	5,300	\$ 6.00	\$ 31,800.00	Storm Sewer Trenches
15	Concrete Driveway Approach Replacement	S.F.	475	\$ 6.00	\$ 2,850.00	
16	Asphalt Driveway Replacement	S.F.	950	\$ 5.00	\$ 4,750.00	
17	Topsoil, Fertilizer, Seed and Erosion Mat	S.Y.	2,100	\$ 8.00	\$ 16,800.00	
				Subtotal Construction =	\$ 148,820.00	
				Engineering (20%) =	\$ 29,764.00	
				Contingency (20%) =	\$ 29,764.00	
				Estimated Total Project Cost =	\$ 208,348.00	

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Item No.	Description	Unit	Quantity	Unit Price	Total	Item Notes
<b>Phase 2 - Paving Improvements</b>						
1	Traffic Control	L.S.	1	\$ 2,000.00	\$ 2,000.00	
2	Temporary Ditch Check	L.F.	100	\$ 5.00	\$ 500.00	
3	Inlet Protection	Ea.	7	\$ 75.00	\$ 525.00	
4	Full Depth Saw Cut Pavement	L.F.	120	\$ 2.00	\$ 240.00	
5	4-Inch Slotted HDPE Underdrain	L.F.	450	\$ 18.00	\$ 8,100.00	In Front of Curb
6	Full Depth Pavement Removal	S.Y.	3,305	\$ 10.00	\$ 33,050.00	
7	Excavation Below Subgrade (If Required)	C.Y.	310	\$ 18.00	\$ 5,580.00	EBS = 30% of Pavement Area
8	Geogrid Subgrade Reinforcement (If Required)	S.Y.	930	\$ 2.50	\$ 2,325.00	Grid = 30% of Pavement Area
9	Excavation Below Subgrade Backfill (If Required)	Ton	620	\$ 18.00	\$ 11,160.00	2 Tons per CY of EBS
10	Crushed Aggregate Base Course (If Required)	Ton	450	\$ 15.00	\$ 6,750.00	20% of Full Reconstruction
11	30-inch Concrete Curb and Gutter Remove and Replace	L.F.	650	\$ 30.00	\$ 19,500.00	30% of Older Curb and Gutter
12	3-Inch Asphaltic Concrete Binder Course	TON	560	\$ 55.00	\$ 30,800.00	
13	2-Inch Asphaltic Concrete Surface Course	TON	355	\$ 60.00	\$ 21,300.00	
				Subtotal Construction =	\$ 141,830.00	
				Engineering (20%) =	\$ 28,366.00	
				Contingency (20%) =	\$ 28,366.00	
				Estimated Total Project Cost =	\$ 198,562.00	