

ESTIMATED CONSTRUCTION COST

Project Name: STH 83 Reconstruction (Lincoln Avenue to Front Street)

Client Name: Village of Mukwonago

Project #

Roadway Reconstruction						
	Description	Unit	Quantity	Unit Price	Total	
1	8 Inch CIPP Sanitary Sewer Lining	L.F.	3,250	\$35.00	\$113,750.00	
2	Sanitary Sewer Spot Repairs at Laterals	EA.	42	\$4,500.00	\$189,000.00	
3	12 Inch PVC Sanitary Sewer W/ Granular Backfill	L.F.	1,775	\$250.00	\$443,750.00	
4	Remove and Replace Sanitary Sewer Manhole	V.F.	70	\$550.00	\$38,500.00	
5	Rebuild Manhole Chimney	E.A.	17	\$1,500.00	\$25,500.00	
6	Line Sanitary Manhole	V.F.	170	\$110.00	\$18,700.00	
7	Sanitary Sewer Manhole	V.F.	10	\$375.00	\$3,750.00	
8	6-Inch Sanitary Sewer Lateral	L.F.	550	\$150.00	\$82,500.00	
9	12-Inch Water Main Valve	E.A.	12	\$2,200.00	\$26,400.00	
10	12-Inch Water Main W/ Granular Backfill	L.F.	5,590	\$120.00	\$670,800.00	
11	1 1/4 Inch Water Service	L.F.	210	\$75.00	\$15,750.00	
12	1 1/4-inch Tap, Saddle and Corporation Valve	EA.	11	\$600.00	\$6,600.00	
13	1 1/4-inch Curb Valve and Curb Box	EA.	11	\$490.00	\$5,390.00	
14	4 Inch Water Service	L.F.	720	\$80.00	\$57,600.00	
15	4 Inch Water Valve	E.A.	22	\$1,000.00	\$22,000.00	
16	Hydrant Assembly with 6-inch Valve & Lead	EA.	9	\$6,500.00	\$58,500.00	
17	Storm Sewer Structure Repairs	L.S.	1	\$50,000.00	\$50,000.00	
18	Storm Sewer Spot Repairs	L.S.	1	\$20,000.00	\$20,000.00	
19	Traffic Control	L.S.	1	\$45,000.00	\$45,000.00	
20	Removals, Shaping, and Compacting Necessary	L.S.	1	\$200,000.00	\$200,000.00	
21	Excavation Below Subgrade (EBS)	C.Y.	1,700	\$12.00	\$20,400.00	
22	EBS Backfill	TON	3,400	\$16.00	\$54,400.00	
23	3 1/2-Inch Asphaltic Binder Course	TON	5,275	\$65.00	\$342,875.00	
24	1 1/2- Inch Asphaltic Surface Course	TON	2,260	\$75.00	\$169,500.00	
25	10-Inch Crushed Aggregate Base Course	TON	16,000	\$15.00	\$240,000.00	
26	Curb and Gutter	L.F.	12,000	\$12.00	\$144,000.00	
27	Concrete Sidewalk	S.F.	55,900	\$5.00	\$279,500.00	
28	Concrete Curb Ramps	S.F.	6,000	\$9.00	\$54,000.00	
29	Detectable Warning Fields	S.F.	720	\$30.00	\$21,600.00	
30	Pavement Markings	L.S.	1	\$10,000.00	\$10,000.00	
31	Topsoil, Fertilizer, Seed and Mulch Restoration	S.Y.	6,832	\$6.00	\$40,993.33	
32	Inlet Protection	E.A.	49	\$100.00	\$4,900.00	
Sub Total					\$3,475,658.33	
Contingencies					30%	\$1,042,697.50
Estimated Total Project Cost					\$4,518,355.83	

Streetscaping Items (Pearl St to Field St)					
	Description	Unit	Quantity	Unit Price	Total
17	Decorative Street Lighting System	L.S.	1	230000	230000
18	Street Tees	E.A	25	500	12500
19	Tree Grates	EA	25	2000	50000
20	Pedestrian Bump Outs	EA	16	2000	32000
33	Utility Burial (Pearl St to Field St)	L.S.	1	\$975,800.00	\$975,800.00
Sub Total					\$1,300,300.00
Contingencies				30%	\$390,090.00
Estimated Total Project Streetscaping Cost					\$1,690,390.00

Estimated Total Project Cost	\$6,208,745.83
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Department Cost Breakdown	
Sewer	\$1,190,085.00
Water	\$1,121,952.00
Public Works (Roadway Reconstruction)	\$2,206,318.83
Public Works (Roadway Reconstruction & Streetscaping)	\$3,896,708.83