

ENGINEER'S ESTIMATE OF PROBABLE COST

No.	Item Description	Unit	Price	PUBLIC WATERMAIN IMPROVEMENTS NORTH & SOUTH OF PROPERTY (100% City Cost)		PROPERTY AND ADJACENT PUBLIC IMPROVEMENTS (100% Developer Cost)		Total	
				Quantity	Total	Quantity	Total	Quantity	Total
Earthwork and Erosion Control									
1.	Earthwork	LS	\$ 8,000.00		\$ -	1	\$ 8,000.00	1	\$ 8,000.00
2.	Topsoil Placement	SY	\$ 3.00	314	\$ 942.00	134	\$ 402.00	448	\$ 1,344.00
3.	Sod	SY	\$ 4.50	314	\$ 1,413.00	134	\$ 603.00	448	\$ 2,016.00
4.	Stone Wall Removal	LS	\$ 1,000.00		\$ -	1	\$ 1,000.00	1	\$ 1,000.00
5.	Remove and Replace Stone Swale	SY	\$ 50.00		\$ -	3	\$ 150.00	3	\$ 150.00
6.	Root Pruning	LF	\$ 2.50	282	\$ 705.00	200	\$ 500.00	482	\$ 1,205.00
7.	Tree Removal 6"- 15"	ID	\$ 50.00	7	\$ 350.00	90	\$ 4,500.00	97	\$ 4,850.00
8.	Tree Removal Over 15"	ID	\$ 75.00	68	\$ 5,100.00	35	\$ 2,625.00	103	\$ 7,725.00
9.	Inlet Protection - Flexstorm Inlet Basket	EA	\$ 150.00		\$ -	4	\$ 600.00	4	\$ 600.00
10.	Tree Protection	LF	\$ 4.00		\$ -	92	\$ 368.00	92	\$ 368.00
11.	Silt Fence	LF	\$ 2.50	246	\$ 615.00	904	\$ 2,260.00	1150	\$ 2,875.00
12.	Construction Entrance	EA	\$ 1,500.00		\$ -	1	\$ 1,500.00	1	\$ 1,500.00
13.	Concrete Washout Station	EA	\$ 1,000.00		\$ -	1	\$ 1,000.00	1	\$ 1,000.00
Sub-Total Earthwork and Erosion Control					\$ 9,125.00		\$ 23,508.00		\$ 32,633.00
Sanitary Sewer									
1.	6" PVC Sanitary Sewer - SDR 26	LF	\$ 35.00		\$ -	32	\$ 1,120.00	32	\$ 1,120.00
2.	8" PVC Sanitary Sewer - SDR 26	LF	\$ 70.00		\$ -	221	\$ 15,470.00	221	\$ 15,470.00
3.	Manhole, Type A - 4' Diameter with Neenah R-1772-C Frame & Lid	EA	\$ 3,000.00		\$ -	1	\$ 3,000.00	1	\$ 3,000.00
4.	Trench Backfill	CY	\$ 35.00		\$ -	140	\$ 4,900.00	140	\$ 4,900.00
Sub-Total Sanitary Sewer					\$ -		\$ 24,490.00		\$ 24,490.00
Watermain									
1.	8" Ductile Iron Watermain, Class 52 (Polywrapped)	EA	\$ 75.00	282	\$ 21,150.00	200	\$ 15,000.00	482	\$ 36,150.00
2.	6" Valve in 5' Diameter Vault with R-1772-C Fr. & Lid (Pressure Connection)	EA	\$ 7,500.00	1	\$ 7,500.00		\$ -	1	\$ 7,500.00
3.	Connect to Existing Main	EA	\$ 1,000.00	1	\$ 1,000.00		\$ -	1	\$ 1,000.00
4.	Fire Hydrant with Auxiliary Valve & Box	EA	\$ 4,200.00		\$ -	1	\$ 4,200.00	1	\$ 4,200.00
5.	Remove and Reinstall Existing Fire Hydrant	EA	\$ 3,500.00	1	\$ 3,500.00		\$ -	1	\$ 3,500.00
6.	1-1/2" Water Service - Trenched	LF	\$ 50.00		\$ -	50	\$ 2,500.00	50	\$ 2,500.00
7.	B-Box and Service Tap	EA	\$ 1,200.00		\$ -	2	\$ 2,400.00	2	\$ 2,400.00
10.	Sawcut Pavement - Full Depth	LF	\$ 2.00	44	\$ 88.00	12	\$ 24.00	56	\$ 112.00
11.	Bituminous Driveway Removal & Replace	SY	\$ 45.00	24	\$ 1,080.00		\$ -	24	\$ 1,080.00
12.	Trench Backfill	CY	\$ 35.00	208	\$ 7,280.00	202	\$ 7,070.00	410	\$ 14,350.00
Sub-Total Watermain					\$ 41,598.00		\$ 31,194.00		\$ 72,792.00
Storm Sewer									
1.	8" PVC Storm Sewer, SDR 26	LF	\$ 25.00		\$ -	209	\$ 5,225.00	209	\$ 5,225.00
2.	10" PVC Storm Sewer, SDR 26	LF	\$ 30.00		\$ -	50	\$ 1,500.00	50	\$ 1,500.00
3.	Inlet, Type "A" - 2' Diameter with R4340-B Grate	EA	\$ 600.00		\$ -	3	\$ 1,800.00	3	\$ 1,800.00
4.	Inlet, Type "A" - 3' Diameter with R4340-B Grate	EA	\$ 750.00		\$ -	1	\$ 750.00	1	\$ 750.00
5.	Manhole, Type "A" - 4' Diameter with R-2502-D Frame & Grate	EA	\$ 2,000.00		\$ -	1	\$ 2,000.00	1	\$ 2,000.00
6.	Adjust Manhole Rim	EA	\$ 500.00		\$ -	1	\$ 500.00	1	\$ 500.00
7.	Trench Backfill	CY	\$ 35.00		\$ -	16	\$ 560.00	16	\$ 560.00
Sub-Total Storm Sewer					\$ -		\$ 12,335.00		\$ 12,335.00

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No.	Item Description	Unit	Price	Quantity	Total	Quantity	Total	Quantity	Total
Paving									
1.	Fine Grading	SY	\$ 1.50		\$ -	563	\$ 844.50	563	\$ 844.50
2.	12" Aggregate Base Course, Type B (CA-6)	SY	\$ 16.00		\$ -	451	\$ 7,216.00	451	\$ 7,216.00
3.	2-1/4" Bituminous Concrete Binder Course - HMA, IL-19, N50	TON	\$ 70.00		\$ -	65	\$ 4,550.00	65	\$ 4,550.00
4.	1-1/2" Bituminous Concrete Surface Course - HMA, IL-9.5, N50	TON	\$ 75.00		\$ -	39	\$ 2,925.00	39	\$ 2,925.00
5.	12" Concrete Header Curb	LF	\$ 15.00		\$ -	400	\$ 6,000.00	400	\$ 6,000.00
6.	4" PCC Sidewalk, with 2" Stone Base	SF	\$ 5.00		\$ -	1000	\$ 5,000.00	1000	\$ 5,000.00
Sub-Total Paving					\$ -		\$ 26,535.50		\$ 26,535.50
Miscellaneous									
1.	Traffic Control	LS	\$ 2,000.00	50%	\$ 1,000.00	50%	\$ 1,000.00	1	\$ 2,000.00
2.	IEPA Watermain Permit	LS	\$ 240.00	50%	\$ 120.00	50%	\$ 120.00	1	\$ 240.00
3.	Construction Staking & Record Drawings	LS	\$ 7,500.00	50%	\$ 3,750.00	50%	\$ 3,750.00	1	\$ 7,500.00
Sub-Total Miscellaneous					\$ 4,870.00		\$ 4,870.00		\$ 9,740.00
Total Improvement Cost					\$ 55,593.00		\$ 122,932.50		\$ 178,525.50
Total Improvement Cost + 10%					\$ 61,152.30		\$ 135,225.75		\$ 196,378.05