

Engineer's Opinion of Probable Construction Cost

Single Family House Watermain Extension - Arlington Heights, IL
PEG Job No.: 855.10-IL

Plan Date: 04/10/2017

Item Description	Unit	Quantity	Unit Cost (\$)	Total Cost (\$)
Erosion Control / Landscaping				
Topsoil Respread and Fine grade	CY	107	\$6.50	\$696
Erosion Control Blanket & Seed (S-75)	SY	642	\$3.50	\$2,247
Erosion Control				\$2,943
Utilities				
<i>Watermain</i>				
Fire Hydrant W/ 6" Auxiliary Valve	EA	1	\$3,800.00	\$3,800
1-1/2" Type K Copper Service	LF	123	\$25.00	\$3,075
Disconnect & Cap Existing Water Service	EA	1	\$250.00	\$250
6" DIP CL 52	LF	455	\$50.00	\$22,750
Pressure Connection with 6" Valve in 48" Valve Vault	EA	1	\$8,000.00	\$8,000
Trench Backfill (CA-6)	CY	41	\$20.00	\$820
Total Utilities				\$38,695
Paving				
Sawcut and removal of existing pavement and Curb and Gutter	EA	1	\$500.00	\$500
Bit. Surface Course - Mix D, N 50 (Assume 6" Thickness)	TON	12	\$120.00	\$1,440
M3.12 Curb & Gutter	LF	20	\$15.00	\$300
Traffic Control for Roaway Work	EA	1	\$2,500.00	\$2,500
Total Paving				\$1,740
Fees				
Water Capitol Improvement Fee	EA	1	\$320.00	\$320
Service Tapping Fee (1-1/2" Service)	EA	1	\$400.00	\$400
IEPA Sanitary Sewer Permit Fee	EA	1	\$240.00	\$240
Total Fees				\$960
SUB-TOTAL				\$44,338
10% CONTINGENCY				\$4,433.75
GRAND TOTAL				\$48,771.25

Note: The Fees indicated above are only those that are known at this time and the "Total Fees" amount could be increased due to Village review and inspection fees. There will also be additional Engineering Design Fees associated with the preparation of Final Engineering Improvement Pland for the submission of the IEPA Sanitary Sewer Permit for the Watermain Extension.