

ENGINEER'S OPINION OF PROBABLE COST - Water Service & Sanitary Sewer Improvements

PROJECT: Proposed Office/Warehouse

ESTIMATOR: Cliff J. Toberman, P.E.

LOCATION: 151 W. Crossroads Parkway, Bolingbrook, IL

SITE DEMOLITION & EXCAVATION	QUANTITY	UNITS	UNIT COST	TOTAL
Site Excavation (Including Off-Site Disposal & Tree Removal as Required)	1	LS	\$ 3,500	\$ 3,500
Sanitary Manhole Removal (Including Excavation & Off-Site Disposal)	2	EA	\$ 500	\$ 1,000
Sanitary Sewer Removal (Including Excavation & Off-Site Disposal)	333	LF	\$ 8.0	\$ 2,664
Water Valve & Vault Removal (Including Excavation & Off-Site Disposal)	2	EA	\$ 500	\$ 1,000
Water Service Removal (Including Excavation & Off-Site Disposal)	48	LF	\$ 10.0	\$ 480
Fire Hydrant & Auxiliary Valve Removal (Including Off-Site Disposal)	2	EA	\$ 350	\$ 700
Construction Staking & Layout	1	LS	\$ 750	\$ 750
			SUB-TOTAL:	\$ 10,094

SANITARY SEWER & STRUCTURES	QUANTITY	UNITS	UNIT COST	TOTAL
Install New 48" Sanitary Manhole & Reconnect Existing Pipe	2	EA	\$ 500	\$ 1,000
48" Pre-Cast Concrete Manhole Type A(Complete with Cast Iron Frame & Lid)	5	EA	\$ 4,500	\$ 22,500
60" Pre-Cast Concrete Inspection Manhole Type A(Complete with Cast Iron Frame & Lid)	2	EA	\$ 4,500	\$ 9,000
8" PVC (SDR-26) Sanitary Sewer (Including Bedding & Trench Back Fill)	328	LF	\$ 50	\$ 16,400
6" PVC (SDR-26) Sanitary Sewer (Including Bedding & Trench Back Fill)	53	LF	\$ 40	\$ 2,120
Temporary Sewer Bypass During Construction	1	LS	\$ 750	\$ 750
			SUB-TOTAL:	\$ 51,770

WATER SERVICE & STRUCTURES	QUANTITY	UNITS	UNIT COST	TOTAL
Connect to Existing 8" Service Line	1	EA	\$ 500	\$ 500
60" Pre-Cast Concrete Vault Type A(Complete with Cast Iron Frame & Lid)	1	EA	\$ 4,500	\$ 4,500
Fire Hydrant and Auxiliary Valve per Village Standards (Including Installation)	1	EA	\$ 3,000	\$ 3,000
8" Valve per Village Standards (Including Installation)	1	EA	\$ 550	\$ 550
8" DIP (CL-52) Watermain (Including Bedding & Trench Back Fill)	72	LF	\$ 85	\$ 6,120
8" DIP Cap Fitting	1	EA	\$ 250	\$ 250
Miscellaneous Megalug Restraints	1	LS	\$ 500	\$ 500
			SUB-TOTAL:	\$ 15,420

TOTAL:	\$ 77,284
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