

T.G. MILLER, P.C.

ENGINEERS AND SURVEYORS

Preliminary Opinion of Probable Construction Cost

1 - Town of Dryden Water Infrastructure Improvements

4/6/2020

Upsize Water Main (Varna Hamlet)

Forest Home Dr. (Valve F0910M) To Monkey Run Pump Station (Valve F0970M)

Item Description	Quantity	Unit	Unit Cost	Sub Total
General Requirements				
Mobilization	1	LS	\$10,000	\$10,000
Maintenance and Protection of Traffic	1	LS	\$8,000	\$8,000

Water Distribution System

12" CL 52 DIP 4.5' Cover (Remove old 8" DIP, hyd and fittings)	4,040	LF	\$170	\$686,800
Hydrant Assembly and Guard Valve on New Main	6	EA	\$5,500	\$33,000
Connection to Existing Main	4	EA	\$8,000	\$32,000
Service Reconnections 6"	1	EA	\$4,000	\$4,000
Service Reconnections 1"	37	EA	\$1,200	\$44,400
Temporary 4" Water Main	1	LS	\$150,000	\$150,000
Testing and Chlorination	4,040	LF	\$2	\$8,080
Boring under Rte. 366	1	LS	\$25,000	\$25,000

Site Improvements and Restoration

Lawn Restoration	4,500	SY	\$10	\$45,000
Asphalt Repair	300	SY	\$110	\$33,000

Construction Total			\$1,079,280
Professional Services (survey, engineering, attorney, const. admin.)			15%
Construction Contingency			25%
Estimated Total Construction Cost			\$1,510,992

Preliminary Opinion of Probable Construction Cost

2 - Town of Dryden Water Infrastructure Improvements

4/6/2020

Upsize Water Main (West of Game Farm Rd.)

Apple Orchard PRV (Valve F0720M) to Game Farm Rd. (Valve F0928S)

Item Description	Quantity	Unit	Unit Cost	Sub Total
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General Requirements

Mobilization	1	LS	\$10,000	\$10,000
Maintenance and Protection of Traffic	1	LS	\$2,500	\$2,500

Water Distribution System

12" CL 52 DIP 4.5' Cover (Remove old 8" DIP, hyd and fittings)	2,680	LF	\$170	\$455,600
Hydrant Assembly and Guard Valve on New Main	3	EA	\$6,000	\$18,000
12" Valve and Box	6	EA	\$8,000	\$48,000
Connection to Existing Main	2	EA	\$8,000	\$16,000
Service Reconnections 8"	4	EA	\$5,000	\$20,000
Service Reconnections 2"	1	LF	\$1,500	\$1,500
Temporary 4" Water Main	1	LS	\$25,000	\$25,000
Testing and Chlorination	2,680	LF	\$2	\$5,360

Site Improvements and Restoration

Lawn Restoration	1671	SY	\$10	\$16,713
Asphalt Repair	115	SY	\$110	\$12,687

Construction Total			\$631,360
Professional Services (survey, engineering, attorney, const. admin.)	15%		\$94,704
Construction Contingency	25%		\$157,840
Estimated Total Construction Cost			\$883,904

Preliminary Opinion of Probable Construction Cost

Town of Dryden - Water Infrastructure Improvement Summary

4/6/2020

#	Project Description	Project Cost
1	Upsize Water Main (Varna Hamlet)	\$1,510,992
	Forest Home Dr. (Valve F0910M) To Monkey Run Pump Station (Valve F0970M)	
2	Upsize Water Main (West of Game Farm Rd.)	\$883,904
	Apple Orchard PRV (Valve F0720M) to Game Farm Rd. (Valve F0928S)	
Total		\$2,394,896

Note: Each estimate assumes a 15% professional services fee and 25% construction contingency.