

# 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
<b>General Requirements</b>				
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

<b>Construction Total</b>			<b>\$1,079,280</b>
Professional Services (survey, engineering, attorney, const. admin.)		15%	\$161,892
Construction Contingency		25%	\$269,820
<b>Estimated Total Construction Cost</b>			<b>\$1,510,992</b>

**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)**

<b>Item Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Sub Total</b>
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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

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

**Preliminary Opinion of Probable Construction Cost**

**Town of Dryden - Water Infrastructure Improvement Summary**

**4/6/2020**

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

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