

**WATER SUPPLY & WASTEWATER DISPOSAL FEASIBILITY STUDY
HISTORIC VILLAGE AND TOWN CENTER
TOWN OF GEORGIA, VERMONT**

**TABLE 14: Town Center Water Supply: Municipal Interconnection with CWD
Opinion of Probable Cost**

Description Of Item	Quantity	Unit	Unit Price	Cost (*) (ENR 7298)
12" Diameter D.I. CL52	22,000	L.F.	\$50	\$1,100,000
8" Diameter D.I. CL52	9,000	L.F.	\$40	\$360,000
Fire Hydrant Branch Connections	30	EA.	\$3,000	\$90,000
12" Diameter Gate Valves	24	EA.	\$1,400	\$33,600
8" Diameter Gate Valves	16	EA.	\$900	\$14,400
Polyethylene Encasement	31,000	L.F.	\$1.50	\$46,500
3/4" Services	2,500	L.F.	\$25	\$62,500
3/4" Curb Stops	100	EA.	\$150	\$15,000
3/4" Corporations	100	EA.	\$100	\$10,000
Roadway Crossings - Jack & Bore	100	L.F.	\$350	\$35,000
I-89 Crossing	200	L.F.	\$500	\$100,000
Rock Excavation	1,000	C.Y.	\$75	\$75,000
Boulder Excavation	100	C.Y.	\$30	\$3,000
Misc. Extra & Below Grade Excavation	250	C.Y.	\$25	\$6,300
Excavation and Replacement of Unsuitable Materials	200	C.Y.	\$30	\$6,000
Gravel Roads and Drives	1,000	L.F.	\$12	\$12,000
Permanent Bituminous Pavement Repair	500	S.Y.	\$40	\$20,000
Uniform Officer	640	HRS.	\$45	\$28,800
Class "B" Concrete	10	C.Y.	\$150	\$1,500
Calcium Chloride	4	TON	\$600	\$2,400
Rigid Trench Insulation	300	L.F.	\$5	\$1,500
Water Meter Vault	1	L.S.	\$50,000	\$50,000
450,000 Gallon Storage Reservoir	1	L.S.	\$500,000	\$500,000
Preparation of Site and Miscellaneous Work (8%)	1	L.S.	\$205,880	\$205,880
Bonds (1.5%)	1	L.S.	\$41,691	\$41,691
Construction Cost Estimate (ENR 7298) *				\$2,821,071

USE \$2,825,000

Notes:

1. ENR Cost Index Value = 7298 for February 2005
2. A hydraulic analysis needs to be performed to determine if booster pumping will be required.
3. Costs are not included for any upgrades to the Town of Milton distribution system.
4. No soil investigation has been performed.
5. Estimated costs for the storage reservoir are based on a 500,000 gallon above ground steel tank.