

**TOWN OF OAKFIELD  
WATER DISTRICT NO. 6  
PRELIMINARY COST ESTIMATE  
February 13, 2012**

Project Area Description:

Lockport Road: #3364 Lockport Rd (WD#4) west to Bliss Rd; Albion Road: Lamb Farms (WD#2) north to #6343 Albion Rd

ITEM	DESCRIPTION	UNIT	ESTIMATED QUANTITY	ESTIMATED UNIT PRICE	ESTIMATED TOTAL
1	Mobilization	LS	1	\$ 18,700.00	\$ 18,700.00
2	Maintenance and Protection of Traffic Including Signs and Flagmen Meeting NYSDOT Requirements	LS	1	\$ 18,700.00	\$ 18,700.00
3A	Furnish and Install 8-inch Ductile Iron Water Main Complete	LF	19,430	\$ 35.00	\$ 680,050.00
3B	Furnish and Install 12-inch Ductile Iron Water Main Complete	LF	0	\$ 45.00	\$ -
4A	Furnish and Install 8-inch Gate Valves Complete	EA	20	\$ 1,100.00	\$ 22,000.00
4B	Furnish and Install 12-inch Gate Valves Complete	EA	0	\$ 2,000.00	\$ -
5	Furnish and Install Hydrant Assemblies	EA	39	\$ 3,500.00	\$ 136,010.00
6	Furnish and Install Water Services	EA	60	\$ 1,200.00	\$ 72,000.00
7	Connection to Existing Water Mains	EA	1	\$ 2,500.00	\$ 2,500.00
8	Horizontal Bore Crossing w/ 24-inch Steel Casin	LF	0	\$ 300.00	\$ -
9	Rock Excavation	CY	200	\$ 100.00	\$ 20,000.00

**Construction Subtotal = \$ 969,960.00**

Contingency (10%) = \$ 96,996.00

Legal, Engineering, Administration (25%) = \$ 242,490.00

Total = \$ 1,309,446.00

**Total Estimated Capital Cost = \$ 1,310,000.00**

Less USDA Grant (Maximum 45% or \$500,000) = (\$500,000.00)

Net Local Project Cost = \$ 810,000.00

Estimated Debt Service at 3.5% for 38yrs = \$ 38,866.00

Number of EDU's = 66.5

**Estimated Debt Service/Unit/Year = \$ 585.00**

Estimated Yearly Water Cost (\$20/q, \$4.00/1,000 gal, 60,000 gpy) = \$ 320.00

Total Unit Cost = \$ 905.00

**Total Estimated Unit Cost = \$ 905.00**

Notes:

1. Estimated costs based on contractor installation
2. Vacant Lot EDU = 9 Vacant Lot x 0.5 EDU/Vacant Lot = 4.5 EDU
3. Number of EDU = 59 Residential + 4.5 Vacant Lot + 3.0 Commercial = 66.5