

Service to State Property by City of Livonia

1. Cost for Sewer Service

Reinforced Concrete Pipe	15,840 LF @ \$85	\$1,346,400
4' dia manhole	53 EA @ \$3,000	159,000
Jack & bore pipe	300 LF @ \$400	120,000
Pump Station	2 EA @ \$400,000	800,000
Road Restoration	15,840 LF @ \$80.00	<u>1,267,200</u>
Total Estimated Construction Cost		\$3,692,600
Engineering, Inspection & Contingencies @ 30%		<u>1,107,780</u>
Total Estimated Sewer Cost		\$4,800,380

2. Cost for Water Main -- Looping is Required

18" DI water main pipe	31,680 LF @ \$65	\$2,059,200
Valves	35 @ \$5,000	175,000
Jack & bore	300 LF @ \$400	120,000
Road restoration	15,840 LF @ 80	<u>\$1,267,200</u>
Total Estimated Construction Cost		\$3,621,400
Engineering, Inspection & Contingencies @ 30%		<u>1,086,420</u>
Total Estimated Water Main Cost		\$4,707,820

TOTAL ESTIMATED COST \$9,508,200