

TABLE 1

**ALTERNATIVE NO. 1
WATER SUBSYSTEM IMPROVEMENT STUDY
FOR THE NORTHWEST AREA AA≡**

ITEM NO.	DESCRIPTION	QUANTITY	UNITS	PROBABLE COST
1	Mob/Demob. Contract Admin.	N/A	L.S.	\$120,000
2	Maintenance & Protection of Traffic.	N/A	L.S.	\$5,000
3	As-Built Record Drawings.	N/A	L.S.	\$10,000
4	Construction Photographs and/or Video Tapes.	N/A	L.S.	\$5,000
5	8 - Inch Water Mains	19,530	L.F.	\$1,406,160
6	Fittings & Accessories	807	EACH	\$604,475
7	Pipe Encasement - CLSM.	2,950	C.Y.	\$88,500
8	Pipe Encasement - Aggregate.	6,870	C.Y.	\$116,790
9	Rock Excavation.	4,930	C.Y.	\$739,500
10	Test Pits	1	EACH.	\$750
11	Temporary & Permanent Pavement Replacement.	11,540	S.Y.	\$386,440
12	Concrete Curb Replacement.	50	L.F.	\$1,550
13	Concrete Sidewalk Replacement.	80	S.F.	\$1,040
14	Temporary & Permanent Vegetative Cover.	200	S.Y..	\$950
15	Catch Basin Inlet Protection.	60	EACH	\$7,500
16	Soil Erosion & Sediment Control.	N/A	L.S..	\$2,000
17	Additional Foundation/Aggregate /Concrete Material/Etc...	70	C.Y.	\$8,000

ITEM NO.	DESCRIPTION	QUANTITY	UNITS	PROBABLE COST
18	Uncharted & Mismarked Utilities.	1,000	EACH	\$2,000
19	Directional or Piece Drilling.	4	EACH	\$20,000
20A	Pump Station on the Town Property off Locust Road, Supply Main from Village Line to Pump Station, Discharge Main from Pump Station to the Intersection of Ridgewood Drive & Locust Road and Water Storage Tank at the end of Central Avenue.	N/A	L.S.	\$1,168,901
21A	Property Acquisition Cost (Water Storage Tank)	N/A	-	\$1
Probable Construction Cost Year 2004				\$4,694,556
Probable Construction Cost Year 2005 (See Note 1)				\$4,788,447
Probable Surveying, Boring, Permitting, & Engineering Costs Year 2004/2005				\$957,965
Overall Contingency (10%)				\$574,641
Probable Project Cost Year 2005				\$6,321,053
Annual Cost Per Home (241 Homes) - (See Note 2)				\$2,287/year

Notes:

1. The above 2004 probable construction cost has been increased by 2% to reflect 2005 costs.
2. Capital-Recovery Factor of 0.08719 based on a 6% interest rate for a 20 year period.