

TABLE 2

**ALTERNATIVE NO. 2
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
20B	Booster Pump Station on the Town Property off Locust Road, Supply Main from Village Line to Booster Pump Station, Discharge Main from Booster Pump Station to the Intersection of Ridgewood Drive & Locust Road and Fire Storage Tank	N/A	L.S.	\$917,890
21B	Property Acquisition Cost (Booster Pump Station)	N/A	-	\$0
Probable Construction Cost Year 2004				\$4,517,055
Probable Construction Cost Year 2005 (See Note 1)				\$4,607,396
Probable Surveying, Boring, Permitting, & Engineering Costs Year 2004/2005				\$917,890
Overall Contingency (10%)				\$552,528
Probable Project Cost Year 2005				\$6,077,815
Annual Cost Per Home (241 Homes) - (See Note 2)				\$2,199/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.