TABLE 1. - WATERMAIN EXTENSION AVERY HILL TRAILER PARK TO ALJEN HEIGHTS

latest update 2/6/2011

Construction Costs			**Phase 1** Avery Hill Road - Avery Hill Trailer Park to Town line		**Phase 2** Aljen Heights Subdivision		**Phase 1 & 2** Project Totals
Watermain	Cost	Unit					
16" D.I. Pipe	$ 105	l.f.	0	l.f. -	0	l.f. -	
12" D.I. Pipe	75	l.f.	6,725	l.f. 504,375	6,125	l.f. 459,375	
8" D.I. Pipe	60	l.f.	2,415	l.f. 144,900	8,900	l.f. 534,000	
4" D.I. Pipe	45	l.f.	10	l.f. 450	-	each -	
16" Gate Valves and Boxes	2,850	each	-	each -	-	each -	
12" Gate Valves and Boxes	2,250	each	23	each 51,750	23	each 51,750	
8" Gate Valves and Boxes	2,000	each	4	each 8,000	30	each 60,000	
Connection 16" Main	3,500	each	-	each -	-	each -	
Connection 12" Main	2,500	each	3	each 7,500	2	each 5,000	
Connection 8" Main	1,500	each	-	each -	-	each -	
Hydrant Assembly, Complete	4,000	each	15	each 60,000	25	each 100,000	
Hydrant Assembly Partial	3,500	each	2	each 7,000	7	each 24,500	
Hydrant Assembly in Trailer Park	3,000	each	9	each 27,000	-	each -	
Blowoff Hydrant Assembly	3,500	each	1	each 3,500	-	each -	
1" Services, Complete	1,250	each	81	each 101,250	191	each 238,750	
Blowoff Assembly, Complete	1,250	each	1	each 1,250	1	each 1,250	
Excavation Above Normal Grade	8	c.y.	250	c.y. 2,000	400	c.y. 3,200	
Excavation Below Normal Grade	10	c.y.	350	c.y. 3,500	1,100	c.y. 11,000	
Rock Excavation and Disposal	75	c.y.	1,850	c.y. 138,750	4,000	c.y. 300,000	
Bank Run Gravel	10	c.y.	1,650	c.y. 16,500	3,700	c.y. 37,000	
Crushed Stone	12	c.y.	850	c.y. 10,200	1,850	c.y. 22,200	
Processed Gravel	12	c.y.	850	c.y. 10,200	1,850	c.y. 22,200	
Temporary Pavement	14	s.y.	4,750	s.y. 66,500	9,900	s.y. 138,600	
Permanent Pavement-Town-Milling	15	s.y.	13,600	s.y. 204,000	21,600	s.y. 324,000	
Permanent Pavement-State ROW	45	s.y.	-	s.y. -	-	s.y. -	
Curbing Replacement	5	l.f.	600	l.f. 3,000	1,125	l.f. 5,625	
Painted Pavement Markings	1	l.f.	27,420	l.f. 27,420	-	l.f. -	
Additional Fittings	2	lb.	4,000	lb. 8,000	8,000	lb.. 16,000	
Restrained Joints	100	joint	20	joint 2,000	35	joint 3,500	
Safety Signing and Controls	lump	sum	1	lump sum 7,500	1	lump sum 7,500	
Police Officers for Traffic Control	75	Hour	1,250	Hours 93,750	2,150	Hours 161,250	
Additional Cost above item	25	Hour	1,250	Hours 31,250	2,150	Hours 53,750	
Flagmen	50	Hour	1,250	Hours 62,500	2,150	Hours 107,500	
Siltation Fencing	4	l.f.	3,700	l.f. 14,800	135	l.f. 540	
Other Work							
Pressure Reducing Vault	lump	sum	1	50,000	-	-	
Relocate BPS, upgrade pumps, fndtn	lump	sum	1	150,000	-	-	
TOTAL CONSTRUCTION COSTS				$ 1,818,845		$ 2,688,490	$ 4,507,335
Other Costs							
Administartion	2.0%			$ 36,000		$ 54,000	$ 90,000
Engineering Design	0.0%			complete		complete	complete
Enginerering Construction	3.0%			$ 55,000		$ 81,000	$ 136,000
Resident Inspection	4.0%			$ 73,000		$ 108,000	$ 181,000
Closing Costs	1.5%			$ 27,000		$ 40,000	$ 67,000
Contingencies	10.0%			$ 182,000		$ 269,000	$ 451,000
	20.5%			$ 373,000		$ 552,000	$ 925,000
							TOTAL
TOTAL COSTS				$ 2,191,845		$ 3,240,490	$ 5,432,335
SAY				**$ 2,200,000**		**$ 3,250,000**	**$ 5,435,000**