

PIPE TABLE: STATION 45+50.89 TO STATION 52+00

PIPE NO.	PIPE LOCATION		DESCRIPTION	DIA. (IN)	L (FT)	S (%)	TRENCH BACKFILL VOL. (CY)
	FROM STR.	TO STR.					
S1	1	2	SS TY 1 CL A	12	63.0	1.00	7.8
S2	2	3	SS TY 1 CL A	12	15.1	1.00	2.6
S3	3	8	SS TY 2 CL A	12	166.3	0.58	170.0
S4	4	5M	SS TY 1 CL A	12	27.2	1.00	3.9
S5	5	6	SS TY 1 CL A	12	61.7	1.00	10.2
S5D	5D	5	SS TY 1 CL A	12	8.5	1.00	0.0
S5M	5M	55	SS TY 1 CL A	12	41.3	1.00	8.0
S5N	S5M	S5	RCP TEE P12 R12	-	-	-	-
S6	6	8	SS TY 2 CL A	12	9.4	1.00	3.0
S7	7	8	SS TY 1 CL A	15	15.7	1.00	0.0
S8	8	9	SS TY 2 CL A	15	76.6	0.95	68.1
S10	10	9	SS TY 2 CL A	38x24	86.9	0.30	96.5
S10A	10A	10	SS TY 1 CL A	23x14	8.1	1.55	0.0
S12	12	13	SS TY 2 CL A	12	9.7	1.00	2.4
S12A	12A	12M	SS TY 2 CL A	12	11.5	1.00	2.9
S12M	12M	13	SS TY 2 CL A	12	19.2	1.00	5.0
S13	13	14	SS TY 2 CL A	12	9.4	1.00	2.7
S14	14	9	SS TY 2 CL A	12	156.5	1.00	137.6
S15	15	16	SS TY 2 CL A	12	10.2	1.00	3.3
S16	16	S20	SS TY 2 CL A	12	5.2	1.00	1.8
S16A	S16	S20	RCP TEE P24 R12	-	-	-	-

DRAINAGE STRUCTURE TABLE: STA. 45+50.89 TO STA. 52+00

NO.	STATION	OFFSET (FT)	STRUCTURE TYPE/SIZE				F&G	INVERT				RIM ELEV (FT)
			MH	CB	IN	OTHER		(N)	(S)	(E)	(W)	
1	47+17.42	33.00 LT		C			24		683.52			686.99
2	47+27.27	32.65 RT		A 4'			24	682.89	682.89			686.93
3	47+14.43	46.00 RT	A 4'				1 CL	682.74		679.79		687.09
4	48+15.85	3.31 LT		C			11 V			682.58		686.65
5	48+91.31	33.00 LT		A 4'			24	682.17	682.17			685.99
5D	48+94.59	43.47 LT		C			8		682.26			684.84
5E	49+23.59	56.39 LT				EX. INLET TO BE ADJ.					EXIST.	687.25
5M	48+58.50	9.00 LT		A 4'			11 V			682.30	682.30	686.73
6	49+01.15	32.65 RT		A 4'			24	681.56	681.56			686.03
6E	49+68.60	57.19 LT				EX. INLET TO BE ADJ.					EXIST.	686.59
7	48+78.18	62.32 RT				PRC FES 15"		679.13				
8	48+84.75	45.24 RT	A 4'				1 CL	681.46	678.97	678.48	678.80	686.11
9	49+65.65	44.38 RT	A 5'				1 CL	677.71	677.71	677.71	677.71	685.17
10	50+01.91	38.16 LT	A 5'				1 CL	682.61	677.98	678.15		685.65
10A	50+03.69	49.31 LT				PRC FES 14" x 23"			682.73			
12	51+01.65	33.00 RT		C			24			680.12		684.92
12A	51+01.65	3.11 RT		C			11 V			680.33		685.15
12M	51+14.77	9.00 RT		A 4'			11 V		680.22		680.22	685.38
13	51+14.77	33.00 RT		A 5'			24	680.02	679.53			680.02
14	51+26.96	39.90 RT		A 5'			8	679.44			679.27	684.74
15	51+01.65	33.00 LT		C			24			679.32		684.92
16	51+14.77	33.00 LT		A 4'			24	679.05			679.21	684.91

PIPE TABLE: STATION 52+00 TO STATION 67+00

PIPE NO.	PIPE LOCATION		DESCRIPTION	DIA. (IN)	L (FT)	S (%)	TRENCH BACKFILL VOL. (CY)
	FROM STR.	TO STR.					
S17	17	17M	SS TY 2 CL A	12	13.1	1.00	4.6
S17A	S17M	S20	RCP TEE P24 R12	-	-	-	-
S17M	17M	S20	SS TY 2 CL A	12	36.1	1.00	12.8
S18	18	17	SS TY 2 CL A	12	51.8	1.00	15.2
S18D	18D	18	SS TY 2 CL A	12	22.1	1.00	4.3
S19	19	20	SS TY 2 CL A	12	8.7	1.00	2.9
S20	20	10	SS TY 2 CL A	24	308.4	0.32	0.0
S21	21	S23	SS TY 2 CL A	12	6.9	1.00	4.6
S21A	S21	S23	RCP TEE P21 R12	-	-	-	-
S21M	21M	21	SS TY 2 CL A	12	19.7	1.00	13.7
S22	22	22M	SS TY 2 CL A	12	19.7	1.00	7.5
S22D	22D	22	SS TY 2 CL A	12	47.6	1.00	9.9
S22M	22M	21M	SS TY 2 CL A	12	14.1	1.00	9.9
S23	23	20	SS TY 2 CL A	21	340.1	0.33	0.0
S24	24	23	SS TY 2 CL A	12	5.6	1.00	4.4
S24M	24M	24	SS TY 2 CL A	12	19.7	1.00	17.7
S25	25	25M	SS TY 2 CL A	12	20.7	1.00	17.3
S25M	25M	24M	SS TY 2 CL A	12	14.1	1.00	12.8
S26	26	26M	SS TY 1 CL A	12	20.7	1.00	1.3
S26M	26M	27M	SS TY 1 CL A	12	14.1	1.00	1.3
S27	27	28	SS TY 2 CL A	12	170.3	1.00	30.2
S27M	27M	27	SS TY 1 CL A	12	19.7	1.00	1.3
S28	28	32	SS TY 2 CL A	18	208.8	0.80	146.9
S28J	28J	S28	SS TY 2 CL A	12	17.2	1.00	5.5
S28K	S28J	S28	RCP TEE P18 R12	-	-	-	-
S30	30	S28	SS TY 1 CL A	12	85.9	1.00	9.9
S30A	S30	S28	RCP TEE P18 R12	-	-	-	-
S30J	30J	34	SS TY 2 CL A	12	84.0	1.00	25.6
S31	31	32	SS TY 2 CL A	12	8.7	1.00	6.0
S32	32	35A	SS TY 2 CL A	18	152.6	0.80	181.0
S33	33	S32	SS TY 2 CL A	12	7.5	1.00	7.2
S33A	33A	35M	SS TY 2 CL A	12	6.9	1.00	6.8
S33B	S33	S32	RCP TEE P18 R12	-	-	-	-
S34	34	S35	SS TY 2 CL A	12	39.1	1.00	33.2
S34A	S34	S35	RCP TEE P12 R12	-	-	-	-
S35	35	35M	SS TY 2 CL A	12	50.4	1.00	39.2
S35A	35A	38	SS TY 2 CL A	18	248.2	0.80	345.8
S35M	35M	35A	SS TY 2 CL A	12	31.3	1.00	29.4
S36	36	36A	SS TY 2 CL A	12	28.5	1.00	30.6
S36A	36A	37	SS TY 2 CL A	12	32.2	1.00	36.4
S36M	36M	36A	SS TY 2 CL A	12	14.4	1.00	16.2
S37	37	S35A	SS TY 2 CL A	12	7.2	1.00	8.2
S37A	S37	S35A	RCP TEE P18 R12	-	-	-	-

DRAINAGE STRUCTURE TABLE: STA. 52+00 TO STA. 67+00

NO.	STATION	OFFSET (FT)	STRUCTURE TYPE/SIZE				F&G	INVERT				RIM ELEV (FT)
			MH	CB	IN	OTHER		(N)	(S)	(E)	(W)	
17	52+35.79	0.76 RT		A 4'			11 V			679.99	679.82	685.65
17M	52+19.39	3.85 LT		A 4'			11 V	679.69		679.69		685.66
18	52+81.73	33.00 RT		A 4'			24			680.67	680.51	685.61
18D	53+04.69	42.55 RT		C			8				680.89	684.82
19	53+01.41	33.00 LT		C			24	679.71				685.71
20	53+10.12	40.32 LT	A 5'				1 CL		679.62	679.30	679.13	685.09
21	55+17.95	33.00 LT		A 4'			24	680.43	680.43			686.84
21M	55+17.95	9.00 LT		A 4'			24	680.63	680.63			687.31
22	55+17.95	33.00 RT		A 4'			24	680.97			680.97	686.84
22D	54+68.73	44.17 RT		C			8			681.44		684.70
22M	55+17.95	9.00 RT		A 4'			24	680.77	680.77			687.28
23	56+54.30	41.22 LT	A 4'				1 CL			680.44		687.12
24	56+52.46	33.00 LT		A 4'			24	680.50	680.50			688.06
24M	56+52.46	9.00 LT		A 4'			24	680.70	680.70			688.54
25	56+52.46	33.00 RT		C			24	681.05				688.06
25M	56+52.46	9.00 RT		A 4'			24	680.84	680.84			688.54
26	59+01.80	33.00 LT		C			24		690.78			692.97
26M	59+01.80	9.00 LT		A 4'			24	690.43	690.43			693.45
27	59+01.80	33.00 RT		A 4'			24	690.09		690.09		692.97
27M	59+01.80	9.00 RT		A 4'			24	690.28	690.28			693.45
28	60+75.46	43.89 RT	A 4'				1 CL			688.38	688.38	694.83
28J	60+98.64	62.50 RT		C			24	688.62				694.27
30	61+24.90	43.47 LT		C			8		689.07			692.81
30J	63+14.82	47.41 LT		C			24			687.37		693.99
31	62+86.54	49.56 RT		C			8	687.86				692.04
32	62+88.94	38.67 RT	A 5'				1 CL		687.87	686.51	686.68	694.37
33	64+00.49	33.00 RT		C			24		685.95			693.97
33A	64+52.98	3.68 LT		C			11 V				685.88	694.07
34	64+00.49	33.00 LT		A 4'			24			686.53	686.53	693.97
35	64+40.77	52.25 LT		C			8		686.32			689.80
35A	64+42.59	41.06 RT	A 5'				1 CL	685.50		684.93	685.25	693.13
35M	64+43.14	2.93 RT		A 4'			11 V	685.82	685.82	685.82		694.11
36	66+49.83	35.06 LT		C			24		684.19			692.67
36A	66+49.83	3.61 LT		A 4'			11 V	683.91	683.91	683.91		692.94
36M	66+66.24	9.00 LT		C			24				684.05	694.19
37	66+49.83	33.00 RT		A 4'			24	683.59	683.59			692.72
38	66+99.05	41.07 RT	A 4'				1 CL			682.66	682.91	692.58

NOTE: ELLIPTICAL PIPES LISTED IN THE DRAINAGE TABLES AND THE PLANSET ARE PAID FOR UNDER THE 2009 PAY ITEMS FOR THE EQUIVALENT PIPE SIZE

23"x14" ELLIPTICAL PIPE = 18" EQUIVALENT PIPE
 38"x24" ELLIPTICAL PIPE = 30" EQUIVALENT PIPE
 60"x38" ELLIPTICAL PIPE = 48" EQUIVALENT PIPE