

## Appendix O: Condition Assessment Rating

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Appendix O - Condition Assessment Rating

PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
A1S-301_A1S-302	A1S-301	A1S-302	112	6	VCP	C	0	0	0	20	5	8	Y	4	2010	
A1S-302_A1S-303	A1S-302	A1S-303	303	6	VCP	C	0	0	0	27	5	8	Y	4	2010	
A1S-302_A1S-613	A1S-302	A1S-613	274	6	VCP	C	0	0	0	11	4	4	Y	4	2010	
A1S-303_A1S-305	A1S-303	A1S-305	272	6	VCP	C	0	0	0	19	4	6	Y	4	2010	
A1S-304_A1S-303	A1S-304	A1S-303	151	6	VCP	C	0	0	0	3	3	1	Y	3	2010	
A1S-305_A2S-102	A1S-305	A2S-102	185	6	VCP	C	0	0	0	14	4	11	Y		2009	
A1S-601_A2S-409	A1S-601	A2S-409	267	6	VCP	C	0	0	0	17	4	6	Y	4	2010	
A1S-602_A1S-601	A1S-602	A1S-601	177	6	VCP	C	0	0	0	20	4	8	Y	4	2010	
A1S-603_A1S-602	A1S-603	A1S-602	173	6	VCP	C	0	0	0	17	4	7	Y	3	2010	
A1S-604_A1S-602	A1S-604	A1S-602	223	6	VCP	C	0	0	0	4	3	2	Y		2010	
A1S-605_A1S-604	A1S-605	A1S-604	168	6	VCP	C	0	0	0	7	4	3	Y		2010	
A1S-606_A1S-607	A1S-606	A1S-607	322	6	VCP	C	0	0	0	23	4	9	Y	4	2010	
A1S-607_A1S-608	A1S-607	A1S-608	123	6	VCP	C	0	0	0	28	3	12	Y	3	2010	
A1S-608_A1S-611	A1S-608	A1S-611	245	6	VCP	C	0	0	0	64	5	19	Y	4	2010	
A1S-609_A1S-605	A1S-609	A1S-605	292	6	VCP	C	0	0	0	16	4	7	Y	4	2010	
A1S-610_A1S-607	A1S-610	A1S-607	203	6	VCP	C	0	0	0	10	4	4	Y	4	2010	
A1S-611_A1S-301	A1S-611	A1S-301	214	6	VCP	C	0	0	0	29	4	12	Y	3	2010	
A1S-612_A1S-611	A1S-612	A1S-611	107	6	VCP	B	5	5	1	22	4	7	Y	4	2010	
A1S-613_A1S-616	A1S-613	A1S-616	212	6	VCP	C	0	0	0	18	4	7	Y	3	2010	
A1S-614_A1S-603	A1S-614	A1S-603	71	6	VCP	C	0	0	0	3	2	2	Y		2010	
A1S-615_A1S-604	A1S-615	A1S-604	169	6	VCP	C	0	0	0	16	4	5	Y		2010	
A1S-616_A2S-409	A1S-616	A2S-409	218	6	VCP	C	1	1	1	23	4	16	Y		2009	
A2P-401_A2S-404	A2P-401	A2S-404	49	6	VCP	C	1	1	1	2	2	1	Y		2009	
A2S-101_A2S-106	A2S-101	A2S-106	353	6	VCP	C	0	0	0	17	5	6	Y	3	2010	
A2S-102_A2S-103	A2S-102	A2S-103	166	6	VCP	C	0	0	0	4	2	3	Y		2009	
A2S-103_A2S-104	A2S-103	A2S-104	122	6	VCP	C	0	0	0	9	3	5	Y		2010	
A2S-104_A2S-101	A2S-104	A2S-101	202	6	VCP	C	0	0	0	7	3	3	Y		2010	
A2S-105_A2S-106	A2S-105	A2S-106	247	6	VCP	B	6	3	2	0	0	0	Y		2009	
A2S-106_A2S-107	A2S-106	A2S-107	280	6	VCP	C	0	0	0	7	4	2	Y	4	2009	
A2S-107_A2P-402	A2S-107	A2P-402	68	6	VCP	C	0	0	0	6	4	2	Y	4	2010	
A2S-401_A2S-406	A2S-401	A2S-406	240	15	VCP	C	0	0	0	1	1	1	Y		2010	
A2S-402_A1S-601	A2S-402	A1S-601	294	6	VCP	B	4	4	1	14	4	11	Y		2009	
A2S-403_A2S-406	A2S-403	A2S-406	115	15	VCP	C	0	0	0	0	0	0	Y		2009	
A2S-404_A2S-403	A2S-404	A2S-403	127	15	VCP	C	0	0	0	0	0	0	Y		2009	
A2S-406_A2S-407	A2S-406	A2S-407	342	15	VCP	C	0	0	0	0	0	0	Y		2009	
A2S-407_A2S-408	A2S-407	A2S-408	109	15	VCP	C	0	0	0	0	0	0	Y		2009	
A2S-409_A2S-410	A2S-409	A2S-410	299	6	VCP	C	0	0	0	25	5	8	Y	4	2010	
A2S-410_A2S-401	A2S-410	A2S-401	231	15	VCP	C	0	0	0	5	3	3	Y	3	2010	
A2S-412_A2S-404	A2S-412	A2S-404	211	15	VCP	B	4	2	2	4	2	2	Y		2009	
A2S-413_A2S-412	A2S-413	A2S-412	310	8	VCP	C	0	0	0	4	4	1	Y	4	2009	
A2S-414_B2S-108	A2S-414	B2S-108	78	6	VCP	C	0	0	0	8	4	4	Y		2010	
A2S-502_A2S-504	A2S-502	A2S-504	7	6	VCP	C	0	0	0	0	0	0	Y		2010	
A2S-505_A2S-502	A2S-505	A2S-502	101	6	VCP	C	0	0	0	0	0	0	Y		2010	
A2S-508_A2S-502	A2S-508	A2S-502	250	6	VCP	C	0	0	0	0	0	0	Y		2010	
B1S-201_B1S-305	B1S-201	B1S-305	331	6	VCP	C	0	0	0	73	4	31	Y		2009	
B1S-202_B1S-201	B1S-202	B1S-201	191	6	VCP	C	0	0	0	57	4	34	Y		2009	
B1S-203_B1S-201	B1S-203	B1S-201	254	6	VCP	C	0	0	0	3	1	3	Y		2009	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
B1S-204_B1S-205	B1S-204	B1S-205	146	6	VCP	C	0	0	0	10	4	3		3	2010	
B1S-205_B1S-316	B1S-205	B1S-316	220	8	VCP	C	0	0	0	0	0	0	Y		2009	
B1S-206_B1S-207	B1S-206	B1S-207	169	6	VCP	C	3	3	1	0	0	0	Y		2009	
B1S-207_B1S-209	B1S-207	B1S-209	52	6	VCP	C	3	3	1	0	0	0	Y		2009	
B1S-208_B1S-206	B1S-208	B1S-206	297	6	VCP	A	12	5	3	2	1	2	Y		2010	
B1S-209_B1S-204	B1S-209	B1S-204	85	6	VCP	C	0	0	0	4	4	1	Y	4	2009	
B1S-301_B1S-302	B1S-301	B1S-302	156	6	VCP	C	0	0	0	16	4	7	Y	4	2010	
B1S-302_A1S-614	B1S-302	A1S-614	233	6	VCP	C	0	0	0	6	4	3	Y		2010	
B1S-303_A1S-614	B1S-303	A1S-614	161	6	VCP	C	0	0	0	7	3	3	Y	3	2010	
B1S-304_B2S-107	B1S-304	B2S-107	128	6	VCP	C	0	0	0	2	1	2	Y		2010	
B1S-305_B1S-301	B1S-305	B1S-301	312	6	VCP	C	0	0	0	9	4	4	Y		2009	
B1S-306_B2S-109	B1S-306	B2S-109	276	8	VCP	C	0	0	0	0	0	0	Y		2009	
B1S-307_B1S-306	B1S-307	B1S-306	249	8	VCP	C	0	0	0	0	0	0	Y		2009	
B1S-308_B1S-309	B1S-308	B1S-309	235	8	VCP	C	2	2	1	0	0	0	Y		2009	
B1S-309_B1S-307	B1S-309	B1S-307	153	8	VCP	C	0	0	0	8	4	2	Y	4	2009	
B1S-310_B1S-316	B1S-310	B1S-316	94	6	VCP	C	0	0	0	0	0	0			2010	
B1S-311_B1S-314	B1S-311	B1S-314	171	6	VCP	C	0	0	0	22	5	6		4	2010	
B1S-312_B1S-313	B1S-312	B1S-313	87	8	VCP	C	0	0	0	4	4	1	Y	4	2009	
B1S-313_B1S-314	B1S-313	B1S-314	254	8	VCP	C	0	0	0	12	4	3	Y	4	2009	
B1S-314_B1S-309	B1S-314	B1S-309	257	8	VCP	C	0	0	0	3	3	1	Y		2009	
B1S-315_B2S-118	B1S-315	B2S-118	283	6	VCP	C	0	0	0	8	3	4	Y	3	2010	
B1S-316_B1S-308	B1S-316	B1S-308	231	8	VCP	C	1	1	1	0	0	0	Y		2009	
B1S-501_B1S-502	B1S-501	B1S-502	166	6	VCP	C	0	0	0	8	3	4	Y		2010	
B1S-502_B1S-503	B1S-502	B1S-503	178	6	VCP	C	0	0	0	9	4	3		3	2010	
B1S-503_B1S-208	B1S-503	B1S-208	71	6	VCP	C	0	0	0	8	4	3	Y		2010	
B1S-504_B1S-505	B1S-504	B1S-505	256	6	VCP	C	0	0	0	6	4	2	Y		2010	
B1S-505_B1S-506	B1S-505	B1S-506	238	6	VCP	C	0	0	0	2	2	1			2010	
B1S-506_B1S-606	B1S-506	B1S-606	272	8	VCP	C	0	0	0	3	2	2	Y		2010	
B1S-507_B1S-504	B1S-507	B1S-504	246	6	VCP	B	5	2	3	0	0	0			2010	
B1S-601_B1S-602	B1S-601	B1S-602	135	6	VCP	C	0	0	0	0	0	0			2010	
B1S-601_B1S-609	B1S-601	B1S-609	286	6	VCP	C	0	0	0	5	5	1	Y		2009	
B1S-602_B2S-405	B1S-602	B2S-405	190	6	VCP	C	0	0	0	8	5	2			2010	
B1S-603_B1S-602	B1S-603	B1S-602	296	6	VCP	C	1	1	1	21	5	7		3	2010	
B1S-604_B1S-206	B1S-604	B1S-206	178	6	VCP	C	0	0	0	15	4	6	Y		2010	
B1S-605_B1S-604	B1S-605	B1S-604	317	6	VCP	C	0	0	0	5	2	4	Y		2010	
B1S-606_B1S-608	B1S-606	B1S-608	388	8	VCP	C	0	0	0	30	4	9	Y	4	2010	
B1S-607_B1S-608	B1S-607	B1S-608	256	8	VCP	C	0	0	0	0	0	0	Y		2009	
B1S-608_B1S-601	B1S-608	B1S-601	305	6	VCP	C	0	0	0	18	4	5		4	2010	
B1S-608_B1S-610	B1S-608	B1S-610	303	8	VCP	C	2	2	1	27	4	8	Y	4	2009	
B1S-609_B1S-311	B1S-609	B1S-311	288	6	VCP	C	0	0	0	5	3	2		3	2010	
B1S-610_B1S-312	B1S-610	B1S-312	308	8	VCP	C	0	0	0	21	5	6	Y	4	2009	
B2P-502_B2S-510	B2P-502	B2S-510	30	6	VCP	C	0	0	0	0	0	0			2010	
B2S-102_B2S-103	B2S-102	B2S-103	263	6	VCP	C	0	0	0	10	0	0	Y		2009	
B2S-103_B2S-116_2	B2S-103	B2S-116	223	15	VCP	C	0	0	0	4	4	3	Y	4	2009	
B2S-104_B2S-105	B2S-104	B2S-105	149	6	VCP	C	0	0	0	0	0	0			2010	
B2S-105_B2S-120	B2S-105	B2S-120	271	8	VCP	C	0	0	0	11	4	4	Y	4	2010	
B2S-106_A2S-412_2	B2S-106	A2S-412	265	15	VCP	C	0	0	0	0	0	0	Y		2009	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
B2S-107_B1S-303	B2S-107	B1S-303	135	6	VCP	C	0	0	0	4	2	3	Y		2010	
B2S-108_B2S-107	B2S-108	B2S-107	249	6	VCP	C	0	0	0	5	3	3	Y	3	2010	
B2S-109_B2S-110	B2S-109	B2S-110	87	8	VCP	C	0	0	0	0	0	0	Y		2009	
B2S-110_B2S-112	B2S-110	B2S-112	186	8	VCP	C	0	0	0	28	4	7	Y	4	2009	
B2S-111_B2S-106_2	B2S-111	B2S-106	262	15	VCP	C	0	0	0	0	0	0	Y		2009	
B2S-112_B2S-111	B2S-112	B2S-111	178	8	VCP	C	0	0	0	9	4	3	Y	4	2009	
B2S-113_B2S-103	B2S-113	B2S-103	321	6	VCP	C	0	0	0	6	3	2	Y	3	2009	
B2S-114_B2S-113	B2S-114	B2S-113	321	6	VCP	C	0	0	0	0	0	0	Y		2009	
B2S-115_B2S-111_2	B2S-115	B2S-111	141	15	VCP	C	0	0	0	0	0	0	Y		2009	
B2S-116_B2S-115_2	B2S-116	B2S-115	287	15	VCP	C	0	0	0	0	0	0	Y		2009	
B2S-117_B2S-114	B2S-117	B2S-114	143	6	VCP	C	0	0	0	5	5	1	Y		2009	
B2S-118_B2S-119	B2S-118	B2S-119	107	6	VCP	C	0	0	0	4	1	4	Y		2009	
B2S-119_B2S-110	B2S-119	B2S-110	182	6	VCP	B	4	4	1	22	5	18	Y		2009	
B2S-120_A2S-413	B2S-120	A2S-413	313	8	VCP	C	0	0	0	8	4	2	Y	4	2009	
B2S-121_B2S-108	B2S-121	B2S-108	121	6	VCP	C	0	0	0	23	4	8	Y		2010	
B2S-206_B2P-203	B2S-206	B2P-203	105	6	VCP	C	0	0	0	0	0	0	Y		2009	
B2S-210_B2S-211	B2S-210	B2S-211	199	8	VCP	C	0	0	0	0	0	0	Y		2009	
B2S-211_B2S-212	B2S-211	B2S-212	150	8	VCP	C	0	0	0	4	4	1	Y		2009	
B2S-212_B2S-313	B2S-212	B2S-313	120	8	VCP	C	0	0	0	9	3	4			2010	
B2S-213_B2S-220	B2S-213	B2S-220	96	6	VCP	C	0	0	0	0	0	0			2010	C
B2S-214_B2S-105	B2S-214	B2S-105	311	8	VCP	C	0	0	0	12	4	3	Y	4	2010	
B2S-215_B2S-210	B2S-215	B2S-210	222	6	VCP	C	0	0	0	8	4	4			2010	
B2S-215_B2S-214	B2S-215	B2S-214	373	6	VCP	C	0	0	0	5	3	2	Y	3	2010	
B2S-216_B2S-213	B2S-216	B2S-213	198	6	VCP	C	0	0	0	0	0	0			2010	C
B2S-217_B2S-216	B2S-217	B2S-216	190	6	VCP	C	0	0	0	3	3	1		3	2010	C
B2S-219_B2S-214	B2S-219	B2S-214	362	8	VCP	C	0	0	0	8	4	3	Y	4	2010	
B2S-220_B2S-307	B2S-220	B2S-307	53	6	VCP	C	0	0	0	0	0	0			2010	C
B2S-303_B2S-310	B2S-303	B2S-310	269	8	VCP	C	0	0	0	16	5	5		4	2010	C
B2S-304_B2S-303	B2S-304	B2S-303	394	8	VCP	C	0	0	0	21	5	6		4	2010	C
B2S-307_B2S-212	B2S-307	B2S-212	139	8	VCP	C	0	0	0	23	4	8	Y	4	2009	
B2S-308_B2S-307	B2S-308	B2S-307	104	8	VCP	C	0	0	0	8	4	3	Y	4	2009	
B2S-309_B2S-102	B2S-309	B2S-102	248	6	VCP	C	0	0	0	2	2	1	Y		2009	
B2S-310_B2S-319	B2S-310	B2S-319	102	8	VCP	C	0	0	0	7	4	2		3	2010	C
B2S-314_B2S-319	B2S-314	B2S-319	376	6	VCP	C	0	0	0	16	5	5	Y		2010	
B2S-318_B2S-314	B2S-318	B2S-314	306	6	VCP	C	0	0	0	2	2	1	Y		2007	
B2S-319_B2S-308	B2S-319	B2S-308	217	8	VCP	C	2	2	1	16	2	8	Y		2009	
B2S-401_B2S-103	B2S-401	B2S-103	288	12	VCP	C	0	0	0	0	0	0			2007	
B2S-401_B2S-404	B2S-401	B2S-404	318	6	VCP	C	0	0	0	10	4	3	Y	4	2009	
B2S-402_B2S-401	B2S-402	B2S-401	252	6	VCP	C	0	0	0	0	0	0	Y		2009	
B2S-403_B2S-114	B2S-403	B2S-114	283	6	VCP	C	3	3	1	3	3	1	Y		2009	
B2S-404_B2S-403	B2S-404	B2S-403	323	6	VCP	C	0	0	0	5	3	2	Y	3	2009	
B2S-405_B2S-403	B2S-405	B2S-403	294	6	VCP	C	0	0	0	3	3	1	Y		2009	
B2S-405_B2S-406	B2S-405	B2S-406	240	6	VCP	C	0	0	0	13	5	4	Y	4	2010	
B2S-406_B2S-409	B2S-406	B2S-409	297	10	VCP	C	3	3	1	9	3	3	Y	3	2009	
B2S-407_B2S-406	B2S-407	B2S-406	289	8	VCP	B	4	3	2	38	4	15	Y	4	2009	
B2S-408_B2S-410	B2S-408	B2S-410	255	6	VCP	C	0	0	0	13	5	5	Y		2009	
B2S-408_B2S-501	B2S-408	B2S-501	256	6	VCP	C	0	0	0	0	0	0			2007	

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B2S-409_B2S-410	B2S-409	B2S-410	100	12	VCP	B	4	2	2	0	0	0	Y		2009	
B2S-410_B2S-401	B2S-410	B2S-401	289	12	VCP	B	6	2	3	0	0	0	Y		2009	
B2S-411_B2S-409	B2S-411	B2S-409	243	12	VCP	C	0	0	0	12	5	3	Y	4	2009	
B2S-501_B2S-505	B2S-501	B2S-505	289	6	VCP	C	0	0	0	0	0	0	Y		2009	
B2S-502_B2P-502	B2S-502	B2P-502	108	6	VCP	C	2	2	1	2	2	1	Y		2010	
B2S-503_B2S-513	B2S-503	B2S-513	175	8	VCP	C	0	0	0	2	2	1	Y		2009	
B2S-504_B2S-607	B2S-504	B2S-607	329	6	VCP	C	0	0	0	10	4	5	Y	4	2010	
B2S-505_B2S-507	B2S-505	B2S-507	280	6	VCP	C	0	0	0	2	2	1	Y		2009	
B2S-506_B2S-503	B2S-506	B2S-503	281	6	VCP	C	0	0	0	4	4	1	Y		2009	
B2S-506_B2S-512	B2S-506	B2S-512	285	6	VCP	C	3	2	2	2	2	1	Y		2009	
B2S-507_B2S-509	B2S-507	B2S-509	224	8	VCP	C	0	0	0	0	0	0	Y		2009	
B2S-508_B2S-206	B2S-508	B2S-206	322	8	VCP	C	0	0	0	3	3	1	Y	3	2009	
B2S-508_B2S-516	B2S-508	B2S-516	284	6	VCP	C	0	0	0	5	3	2	Y	3	2009	
B2S-509_B2S-503	B2S-509	B2S-503	67	8	VCP	C	0	0	0	0	0	0	Y		2009	
B2S-510_B2S-509	B2S-510	B2S-509	154	6	VCP	C	0	0	0	9	5	2	Y	4	2010	
B2S-511_B2S-510	B2S-511	B2S-510	115	0		C	0	0	0	0	0	0			2010	
B2S-512_B2S-402	B2S-512	B2S-402	258	6	VCP	C	0	0	0	0	0	0	Y		2009	
B2S-513_B2S-508	B2S-513	B2S-508	115	8	VCP	C	0	0	0	0	0	0	Y		2009	
B2S-514_B2S-507	B2S-514	B2S-507	234	8	VCP	C	0	0	0	61	5	25	Y	4	2009	
B2S-515_B2S-514	B2S-515	B2S-514	149	8	VCP	C	0	0	0	24	3	10	Y	3	2009	
B2S-516_B2S-309	B2S-516	B2S-309	278	6	VCP	C	0	0	0	5	3	2	Y		2009	
B2S-602_B2S-609	B2S-602	B2S-609	171	6	VCP	C	0	0	0	0	0	0			2010	
B2S-602_B2S-630	B2S-602	B2S-630	68	6	VCP	C	0	0	0	0	0	0			2010	
B2S-604_B2S-605	B2S-604	B2S-605	159	6	VCP	C	0	0	0	5	4	2	Y	4	2010	
B2S-605_B2S-603	B2S-605	B2S-603	298	6	VCP	C	0	0	0	20	5	7	Y		2010	
B2S-606_B2S-607	B2S-606	B2S-607	122	6	VCP	C	1	1	1	8	3	3	Y	3	2010	
B2S-607_B2S-608	B2S-607	B2S-608	138	6	VCP	C	3	3	1	4	2	3	Y		2010	
B2S-608_B2S-605	B2S-608	B2S-605	350	6	VCP	C	0	0	0	11	3	6	Y	3	2010	
B2S-609_B2S-610	B2S-609	B2S-610	112	6	VCP	B	5	5	1	4	4	1	Y	4	2010	
B2S-610_B2S-513	B2S-610	B2S-513	378	6	VCP	C	0	0	0	18	5	4		4	2010	
B2S-611_B2S-515	B2S-611	B2S-515	370	6	VCP	C	2	2	1	24	4	16	Y		2009	
B2S-612_B2S-601	B2S-612	B2S-601	280	6	VCP	C	3	3	1	0	0	0	Y		2009	
B2S-613_B2S-612	B2S-613	B2S-612	143	6	VCP	B	9	3	3	0	0	0	Y		2009	
B2S-627_B2S-629	B2S-627	B2S-629	113	0		C	1	1	1	11	5	3		3	2010	
B2S-629_B2P-502	B2S-629	B2P-502	60	6	VCP	C	0	0	0	2	2	1			2010	
B2S-630_B2S-629	B2S-630	B2S-629	39	6	VCP	C	0	0	0	0	0	0			2010	
B2S-631_B2S-630	B2S-631	B2S-630	108	0		C	1	1	1	0	0	0			2010	
B3S-301_B2S-304	B3S-301	B2S-304	334	8	VCP	C	0	0	0	8	4	2	Y	4	2010	C
B3S-403_B3S-405	B3S-403	B3S-405	336	8	VCP	C	0	0	0	0	0	0			2010	C
B3S-405_B3S-301	B3S-405	B3S-301	329	8	VCP	C	0	0	0	10	5	3		3	2010	C
B3S-406_C3S-108	B3S-406	C3S-108	114	6	VCP	C	3	2	2	4	3	2	Y	3	2010	
B3S-407_B3S-409	B3S-407	B3S-409	147	6	VCP	C	0	0	0	11	4	3		4	2010	
B3S-408_B3S-407	B3S-408	B3S-407	112	6	VCP	C	0	0	0	2	2	1			2010	
B3S-409_B3S-410	B3S-409	B3S-410	192	6	VCP	C	0	0	0	16	4	6	Y		2010	
B3S-410_B3S-413	B3S-410	B3S-413	241	6	VCP	C	0	0	0	18	4	7	Y	3	2010	
B3S-413_B3S-513	B3S-413	B3S-513	64	8	VCP	C	0	0	0	50	4	17	Y	3	2009	C
B3S-414_B3S-512	B3S-414	B3S-512	12	8	VCP	C	2	2	1	43	4	14	Y	4	2009	C

Appendix O - Condition Assessment Rating

PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
B3S-417_B3S-405	B3S-417	B3S-405	251	8	VCP	C	0	0	0	0	0	0	Y		2009	
B3S-501_B3S-504	B3S-501	B3S-504	325	8	VCP	C	0	0	0	1	1	1	Y		2010	C
B3S-504_B3S-506	B3S-504	B3S-506	238	8	VCP	C	0	0	0	2	2	1			2010	C
B3S-506_B3S-507	B3S-506	B3S-507	98	8	VCP	C	0	0	0	0	0	0			2010	C
B3S-507_B3S-510	B3S-507	B3S-510	335	8	VCP	C	0	0	0	1	1	1	Y		2010	C
B3S-510_B3S-403	B3S-510	B3S-403	333	8	VCP	C	0	0	0	5	3	2	Y		2010	C
B3S-511_B3S-506	B3S-511	B3S-506	293	6	VCP	C	0	0	0	8	3	3		3	2010	
C1P-601_C1S-608	C1P-601	C1S-608	132	6	VCP	C	0	0	0	10	2	5			2007	
C1S-101_C1S-201	C1S-101	C1S-201	239	6	VCP	C	0	0	0	3	2	2	Y		2010	
C1S-201_C1S-202	C1S-201	C1S-202	227	6	VCP	C	0	0	0	5	3	2			2010	
C1S-202_B1S-507	C1S-202	B1S-507	242	6	VCP	C	0	0	0	0	0	0			2010	
C1S-202_C1S-203	C1S-202	C1S-203	236	6	ACP	C	0	0	0	2	2	1			2010	
C1S-203_C1S-204	C1S-203	C1S-204	292	8	VCP	C	0	0	0	31	5	9	Y	4	2010	
C1S-204_C1S-312	C1S-204	C1S-312	318	8	VCP	C	0	0	0	6	4	2		4	2010	
C1S-205_C1S-207	C1S-205	C1S-207	108	6	VCP	C	0	0	0	3	3	1		3	2010	
C1S-206_C1S-208	C1S-206	C1S-208	103	6	VCP	B	5	5	1	9	4	3		4	2010	
C1S-207_C1S-208	C1S-207	C1S-208	226	6	VCP	B	5	5	1	7	4	3	Y	4	2010	
C1S-208_C1S-209	C1S-208	C1S-209	129	6	VCP	C	0	0	0	3	2	2	Y		2010	
C1S-209_C1S-203	C1S-209	C1S-203	397	8	VCP	C	0	0	0	38	4	13	Y	4	2009	
C1S-210_C1S-211	C1S-210	C1S-211	165	6	VCP	C	0	0	0	4	2	2			2010	
C1S-211_C1S-212	C1S-211	C1S-212	301	6	VCP	C	0	0	0	0	0	0			2010	
C1S-212_C1S-214	C1S-212	C1S-214	134	6	VCP	C	0	0	0	3	3	1			2010	
C1S-213_C1S-212	C1S-213	C1S-212	180	6	VCP	C	0	0	0	6	2	3			2010	
C1S-214_C1S-209	C1S-214	C1S-209	138	6	VCP	C	0	0	0	0	0	0			2010	
C1S-215_C1S-211	C1S-215	C1S-211	154	6	VCP	C	0	0	0	2	2	1			2010	
C1S-216_C1S-207	C1S-216	C1S-207	200	6	VCP	C	0	0	0	16	4	6	Y		2010	
C1S-301_B1S-607	C1S-301	B1S-607	238	8	VCP	C	0	0	0	8	4	2	Y	4	2009	
C1S-302_C1S-301	C1S-302	C1S-301	253	6	VCP	C	1	1	1	0	0	0			2010	
C1S-303_B1S-601	C1S-303	B1S-601	620	6	VCP	C	0	0	0	48	5	14	Y		2009	
C1S-304_B1S-603	C1S-304	B1S-603	361	6	VCP	C	3	2	2	2	2	1			2010	
C1S-305_C1S-303	C1S-305	C1S-303	294	6	VCP	C	0	0	0	36	3	17	Y		2009	
C1S-306_C1S-305	C1S-306	C1S-305	218	6	VCP	C	0	0	0	14	4	8	Y		2010	
C1S-307_C1S-309	C1S-307	C1S-309	118	6	VCP	C	0	0	0	1	1	1	Y		2010	
C1S-308_C1S-305	C1S-308	C1S-305	332	6	VCP	C	0	0	0	34	3	17	Y		2009	
C1S-309_C1S-308	C1S-309	C1S-308	45	6	VCP	C	0	0	0	2	2	1	Y		2009	
C1S-310_C1S-309	C1S-310	C1S-309	120	6	VCP	C	0	0	0	5	1	5	Y		2009	
C1S-311_C1S-308	C1S-311	C1S-308	173	6	VCP	C	0	0	0	5	4	2	Y		2010	
C1S-312_C1S-301	C1S-312	C1S-301	302	8	VCP	C	0	0	0	12	4	3		4	2010	
C1S-401_C1S-409	C1S-401	C1S-409	222	6	VCP	C	1	1	1	17	4	6	Y		2009	
C1S-407_C1S-406	C1S-407	C1S-406	106	6	VCP	C	0	0	0	5	5	1	Y		2009	C
C1S-408_C1S-407	C1S-408	C1S-407	152	6	VCP	C	3	2	2	1	1	1	Y		2009	C
C1S-409_C1S-506	C1S-409	C1S-506	216	6	VCP	A	11	5	3	7	3	3	Y		2010	
C1S-501_C1S-502	C1S-501	C1S-502	196	6	VCP	B	6	5	2	26	5	10	Y	4	2010	
C1S-502_C1S-601	C1S-502	C1S-601	240	8	VCP	C	0	0	0	7	3	4	Y		2010	
C1S-503_C1S-607	C1S-503	C1S-607	296	8	VCP	C	2	2	1	19	4	16	Y		2009	
C1S-504_C1S-521	C1S-504	C1S-521	237	8	VCP	C	0	0	0	20	4	15	Y		2009	
C1S-505_C1S-504	C1S-505	C1S-504	146	6	VCP	C	0	0	0	7	4	2	Y		2010	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
C1S-506_C1S-507	C1S-506	C1S-507	62	6	VCP	C	3	3	1	16	5	4		4	2010	
C1S-507_C1S-518	C1S-507	C1S-518	132	6	VCP	C	0	0	0	3	3	1		3	2010	
C1S-509_C1S-504	C1S-509	C1S-504	219	8	VCP	C	0	0	0	27	4	22	Y		2009	
C1S-510_C1S-505	C1S-510	C1S-505	214	6	VCP	C	0	0	0	1	1	1	Y		2010	
C1S-511_C1S-408	C1S-511	C1S-408	150	6	VCP	C	0	0	0	12	5	3	Y		2009	
C1S-512_C1S-511	C1S-512	C1S-511	216	6	VCP	C	0	0	0	24	5	9	Y	4	2009	
C1S-513_C1S-512	C1S-513	C1S-512	131	6	VCP	C	1	1	1	20	4	9	Y	4	2009	
C1S-514_C1S-513	C1S-514	C1S-513	197	6	VCP	C	0	0	0	54	4	23	Y	4	2009	
C1S-515_C1S-516	C1S-515	C1S-516	260	6	VCP	C	0	0	0	0	0	0			2010	
C1S-516_C1S-501	C1S-516	C1S-501	119	6	VCP	C	0	0	0	1	1	1	Y		2010	
C1S-517_C1S-520	C1S-517	C1S-520	270	6	VCP	C	1	1	1	0	0	0			2010	
C1S-518_C1S-215	C1S-518	C1S-215	163	6	VCP	C	0	0	0	0	0	0			2010	
C1S-519_C1S-216	C1S-519	C1S-216	194	6	VCP	C	0	0	0	7	4	4	Y		2010	
C1S-520_C1S-613	C1S-520	C1S-613	150	6	VCP	C	0	0	0	24	4	8	Y	4	2010	
C1S-521_C1S-503	C1S-521	C1S-503	108	8	VCP	C	2	2	1	6	4	3	Y		2009	
C1S-601_C1S-602	C1S-601	C1S-602	180	6	VCP	C	0	0	0	10	4	4	Y		2010	
C1S-602_C1S-603	C1S-602	C1S-603	231	6	VCP	C	1	1	1	5	2	3	Y		2010	
C1S-603_C1S-604	C1S-603	C1S-604	275	6	VCP	C	0	0	0	1	1	1	Y		2010	
C1S-604_C1S-605	C1S-604	C1S-605	280	8	VCP	C	0	0	0	29	4	23	Y		2009	
C1S-605_C1S-310	C1S-605	C1S-310	313	6	VCP	C	0	0	0	1	1	1	Y		2009	
C1S-605_C2S-413	C1S-605	C2S-413	220	8	VCP	C	0	0	0	30	4	23	Y		2009	
C1S-607_C1S-604	C1S-607	C1S-604	323	8	VCP	C	0	0	0	24	4	21	Y		2009	
C1S-608_C1S-610	C1S-608	C1S-610	61	6	VCP	C	0	0	0	0	0	0			2010	
C1S-609_C1S-603	C1S-609	C1S-603	320	6	VCP	C	0	0	0	2	2	1			2010	
C1S-610_C1S-611	C1S-610	C1S-611	230	6	VCP	C	0	0	0	1	1	1	Y		2010	
C1S-611_C1S-612	C1S-611	C1S-612	101	6	VCP	C	0	0	0	6	3	3	Y		2009	
C1S-612_C1S-605	C1S-612	C1S-605	334	6	VCP	C	0	0	0	10	1	10	Y		2009	
C1S-613_C1S-615	C1S-613	C1S-615	199	6	VCP	C	0	0	0	7	3	4	Y		2010	
C1S-614_C1S-609	C1S-614	C1S-609	353	6	VCP	C	0	0	0	0	0	0			2010	
C1S-615_C1S-602	C1S-615	C1S-602	189	6	VCP	C	0	0	0	25	5	9	Y	4	2010	
C2S-101_B2S-407	C2S-101	B2S-407	285	8	VCP	C	3	3	1	57	4	25	Y		2009	
C2S-102_C2S-101	C2S-102	C2S-101	279	8	VCP	C	0	0	0	44	4	18	Y		2009	
C2S-103_C2S-102	C2S-103	C2S-102	280	8	VCP	C	0	0	0	39	4	19	Y		2009	
C2S-104_C2S-103	C2S-104	C2S-103	283	8	VCP	C	0	0	0	47	4	31	Y		2009	
C2S-106_C2S-109	C2S-106	C2S-109	243	6	VCP	C	0	0	0	5	3	2			2010	
C2S-108_C2S-111	C2S-108	C2S-111	83	12	VCP	B	4	4	1	0	0	0			2010	
C2S-109_C2S-107	C2S-109	C2S-107	223	6	VCP	C	0	0	0	2	2	1			2010	
C2S-110_B2S-411	C2S-110	B2S-411	262	12	VCP	C	0	0	0	0	0	0			2010	
C2S-111_C2S-110	C2S-111	C2S-110	248	12	VCP	C	0	0	0	5	3	2			2010	
C2S-201_C2S-303	C2S-201	C2S-303	262	6	VCP	C	0	0	0	23	4	9	Y	4	2010	
C2S-202_C2S-206	C2S-202	C2S-206	247	6	VCP	C	0	0	0	10	4	4	Y	3	2010	
C2S-203_C2S-202	C2S-203	C2S-202	303	6	VCP	C	0	0	0	12	4	5	Y		2010	
C2S-204_C2S-206	C2S-204	C2S-206	186	6	VCP	C	1	1	1	13	5	4	Y		2010	
C2S-205_C2S-202	C2S-205	C2S-202	176	6	VCP	C	0	0	0	11	4	5	Y	3	2010	
C2S-206_C2S-209	C2S-206	C2S-209	341	6	VCP	C	0	0	0	116	3	42	Y	3	2009	
C2S-207_C2S-208	C2S-207	C2S-208	346	6	VCP	C	1	1	1	0	0	0	Y		2009	
C2S-208_C2S-210	C2S-208	C2S-210	211	8	VCP	C	0	0	0	69	4	37	Y		2009	



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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
C2S-209_C2S-208	C2S-209	C2S-208	221	8	VCP	C	1	1	1	25	4	16	Y		2009	
C2S-210_B2S-515	C2S-210	B2S-515	236	8	VCP	C	0	0	0	4	4	1	Y		2009	
C2S-211_C2S-209	C2S-211	C2S-209	192	8	VCP	C	1	1	1	42	3	22	Y		2009	
C2S-301_C2S-302	C2S-301	C2S-302	80	6	VCP	C	0	0	0	2	2	1			2010	
C2S-302_C2S-307	C2S-302	C2S-307	163	6	VCP	C	0	0	0	7	3	3		3	2010	
C2S-303_C2S-304	C2S-303	C2S-304	318	6	VCP	C	0	0	0	34	5	11	Y	4	2010	
C2S-304_C2S-307	C2S-304	C2S-307	325	6	VCP	C	0	0	0	10	4	4	Y		2010	
C2S-305_B2S-613	C2S-305	B2S-613	167	6	VCP	C	0	0	0	17	4	7	Y		2010	
C2S-306_C2S-304	C2S-306	C2S-304	291	6	VCP	C	0	0	0	2	1	2	Y		2010	
C2S-309_C2S-301	C2S-309	C2S-301	398	6	VCP	C	0	0	0	0	0	0			2010	
C2S-309_C3S-111	C2S-309	C3S-111	412	6	VCP	C	0	0	0	2	2	1			2010	
C2S-310_C2S-311	C2S-310	C2S-311	275	6	VCP	C	0	0	0	3	2	2	Y		2010	
C2S-311_C2S-303	C2S-311	C2S-303	292	6	VCP	C	0	0	0	9	4	5	Y		2010	
C2S-312_C2S-306	C2S-312	C2S-306	273	6	VCP	C	0	0	0	15	4	6	Y	3	2010	
C2S-313_C2S-312	C2S-313	C2S-312	198	6	VCP	C	0	0	0	4	2	3	Y		2010	
C2S-314_C2S-312	C2S-314	C2S-312	232	6	VCP	C	0	0	0	7	2	5	Y		2010	
C2S-401_C1S-611	C2S-401	C1S-611	237	6	VCP	C	0	0	0	0	0	0	Y		2009	
C2S-403_C2S-104	C2S-403	C2S-104	272	8	VCP	C	0	0	0	35	4	21	Y		2009	
C2S-404_C2S-406	C2S-404	C2S-406	273	6	VCP	C	1	1	1	28	4	15	Y	3	2009	
C2S-405_C2S-404	C2S-405	C2S-404	351	6	VCP	C	0	0	0	86	4	44	Y		2009	
C2S-410_C2S-106	C2S-410	C2S-106	297	6	VCP	C	0	0	0	3	3	1			2010	
C2S-411_C2S-405	C2S-411	C2S-405	367	6	VCP	C	0	0	0	106	4	52	Y		2009	
C2S-413_C2S-403	C2S-413	C2S-403	231	8	VCP	C	0	0	0	35	4	24	Y		2009	
C2S-501_C2S-203	C2S-501	C2S-203	336	6	VCP	C	0	0	0	12	4	5	Y	3	2010	
C2S-502_C2S-501	C2S-502	C2S-501	248	6	VCP	C	0	0	0	2	1	2	Y		2010	
C2S-503_C2S-501	C2S-503	C2S-501	93	6	VCP	C	0	0	0	5	4	2	Y		2010	
C2S-504_C2S-505	C2S-504	C2S-505	229	8	VCP	C	0	0	0	5	2	3	Y		2010	C
C2S-505_C2S-510	C2S-505	C2S-510	219	8	VCP	C	0	0	0	13	5	3	Y	4	2010	C
C2S-506_C2S-507	C2S-506	C2S-507	215	6	VCP	C	0	0	0	1	1	1	Y		2010	
C2S-507_C2S-509	C2S-507	C2S-509	211	6	VCP	C	1	1	1	19	4	8	Y		2010	
C2S-508_C2S-509	C2S-508	C2S-509	51	6	VCP	C	0	0	0	0	0	0			2010	
C2S-509_C2S-607	C2S-509	C2S-607	194	6	VCP	C	0	0	0	10	3	5	Y		2010	
C2S-510_C2S-516	C2S-510	C2S-516	180	8	VCP	C	0	0	0	11	5	3	Y		2010	C
C2S-512_C2S-510	C2S-512	C2S-510	237	6	VCP	C	0	0	0	18	4	7	Y	4	2010	
C2S-515_C2S-511	C2S-515	C2S-511	340	6	VCP	C	0	0	0	4	2	3	Y		2010	
C2S-516_C2S-211	C2S-516	C2S-211	267	8	VCP	C	0	0	0	78	4	36	Y		2009	
C2S-517_C2S-610	C2S-517	C2S-610	223	6	VCP	C	3	3	1	2	1	2	Y		2010	
C2S-601_C2S-602	C2S-601	C2S-602	245	6	VCP	C	0	0	0	12	5	3		4	2010	
C2S-602_C3S-410	C2S-602	C3S-410	346	6	VCP	C	0	0	0	13	4	5	Y	3	2010	
C2S-604_C2S-606	C2S-604	C2S-606	133	6	VCP	C	0	0	0	3	2	2	Y		2010	
C2S-605_C2S-604	C2S-605	C2S-604	135	6	VCP	C	0	0	0	3	2	2	Y		2010	
C2S-606_C2S-608	C2S-606	C2S-608	266	6	VCP	C	0	0	0	1	1	1	Y		2010	
C2S-607_C2S-608	C2S-607	C2S-608	247	6	VCP	C	0	0	0	3	2	2	Y		2010	
C2S-608_C2S-609	C2S-608	C2S-609	209	6	VCP	C	0	0	0	4	3	2	Y		2010	
C2S-609_C2S-602	C2S-609	C2S-602	290	6	VCP	C	0	0	0	5	2	4	Y		2010	
C2S-610_C2S-310	C2S-610	C2S-310	326	6	VCP	C	0	0	0	8	2	6	Y		2010	
C2S-611_C2S-610	C2S-611	C2S-610	299	6	VCP	C	0	0	0	4	2	3	Y		2010	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
C2S-611_C2S-612	C2S-611	C2S-612	311	6	VCP	C	0	0	0	3	1	3	Y		2010	
C2S-612_C3S-407	C2S-612	C3S-407	287	6	VCP	C	2	2	1	3	2	2	Y		2010	
C3S-101_C2S-301	C3S-101	C2S-301	252	6	VCP	C	0	0	0	5	3	2	Y		2010	
C3S-102_C3S-201	C3S-102	C3S-201	138	6	VCP	C	0	0	0	25	4	12	Y	4	2009	
C3S-103_C3S-105	C3S-103	C3S-105	215	6	VCP	C	0	0	0	8	4	4	Y		2010	
C3S-104_C3S-103	C3S-104	C3S-103	139	6	VCP	C	0	0	0	17	5	6	Y	4	2010	
C3S-105_C3S-603	C3S-105	C3S-603	298	6	VCP	C	0	0	0	8	3	5	Y	3	2010	
C3S-106_B3S-407	C3S-106	B3S-407	126	6	VCP	C	0	0	0	0	0	0	Y		2010	
C3S-107_C3S-108	C3S-107	C3S-108	125	6	VCP	C	0	0	0	2	2	1	Y		2010	
C3S-108_C3S-102	C3S-108	C3S-102	118	6	VCP	C	0	0	0	0	0	0	Y		2009	
C3S-109_C3S-201	C3S-109	C3S-201	274	6	VCP	C	0	0	0	37	3	15	Y		2009	
C3S-110_C3S-109	C3S-110	C3S-109	307	6	VCP	C	0	0	0	42	4	18	Y	3	2009	
C3S-111_C3S-103	C3S-111	C3S-103	449	6	VCP	C	0	0	0	0	0	0	Y		2010	
C3S-112_C3S-110	C3S-112	C3S-110	303	6	VCP	C	0	0	0	55	4	24	Y	3	2009	
C3S-113_C3S-202	C3S-113	C3S-202	296	6	VCP	C	0	0	0	13	4	6	Y		2010	
C3S-201_C3S-203	C3S-201	C3S-203	297	8	VCP	C	0	0	0	6	3	4	Y	3	2009	
C3S-202_C3S-203	C3S-202	C3S-203	275	6	VCP	C	0	0	0	98	4	41	Y		2009	
C3S-203_C3S-204	C3S-203	C3S-204	303	8	VCP	C	0	0	0	13	3	5	Y	3	2009	
C3S-204_C3S-209	C3S-204	C3S-209	339	15	VCP	C	2	2	1	15	5	4	Y	3	2009	
C3S-207_C3S-204	C3S-207	C3S-204	363	10	VCP	C	0	0	0	2	2	2	Y		2007	
C3S-208_C3S-307	C3S-208	C3S-307	118	6	VCP	C	0	0	0	0	0	0	Y		2010	
C3S-212_C3S-207	C3S-212	C3S-207	198	6	VCP	C	0	0	0	11	3	6	Y	3	2010	
C3S-214_C3S-207	C3S-214	C3S-207	249	10	VCP	C	0	0	0	3	3	1	Y	3	2009	
C3S-215_C3S-209	C3S-215	C3S-209	342	6	VCP	C	0	0	0	14	4	4	Y	4	2010	
C3S-216_C3S-217	C3S-216	C3S-217	285	6	VCP	C	0	0	0	2	2	1	Y		2010	C
C3S-217_C3S-204	C3S-217	C3S-204	254	6	VCP	C	0	0	0	0	0	0	Y		2010	C
C3S-301_C3S-212	C3S-301	C3S-212	135	6	VCP	C	0	0	0	13	3	7	Y	3	2010	
C3S-303_C3S-307	C3S-303	C3S-307	206	6	VCP	C	0	0	0	14	4	5	Y	4	2010	
C3S-304_C3S-303	C3S-304	C3S-303	120	6	VCP	C	0	0	0	11	4	5	Y	4	2010	
C3S-305_B3S-514	C3S-305	B3S-514	341	6	VCP	C	1	1	1	4	2	2	Y		2010	C
C3S-306_C3S-305	C3S-306	C3S-305	199	6	VCP	C	0	0	0	2	2	1	Y		2010	C
C3S-307_C3S-207	C3S-307	C3S-207	294	8	VCP	C	0	0	0	3	3	1	Y	3	2009	
C3S-401_C3S-402	C3S-401	C3S-402	263	6	VCP	C	2	2	1	1	1	1	Y		2010	
C3S-402_C3S-405	C3S-402	C3S-405	282	6	VCP	C	0	0	0	9	4	3	Y		2010	
C3S-403_C3S-404	C3S-403	C3S-404	321	6	VCP	B	6	3	2	83	3	31	Y	3	2009	
C3S-404_C3S-502	C3S-404	C3S-502	309	6	VCP	C	0	0	0	55	3	21	Y	3	2009	
C3S-405_C3S-406	C3S-405	C3S-406	288	6	VCP	C	0	0	0	48	4	20	Y		2009	
C3S-406_C3S-113	C3S-406	C3S-113	306	6	VCP	B	4	4	1	59	4	23	Y		2009	
C3S-407_C3S-408	C3S-407	C3S-408	299	6	VCP	C	0	0	0	5	4	2	Y		2010	
C3S-408_C3S-409	C3S-408	C3S-409	143	6	VCP	C	0	0	0	0	0	0	Y		2010	
C3S-409_C3S-112	C3S-409	C3S-112	279	6	VCP	C	0	0	0	6	3	2	Y		2009	
C3S-410_C3S-411	C3S-410	C3S-411	235	6	VCP	C	0	0	0	11	4	5	Y		2010	
C3S-411_C3S-409	C3S-411	C3S-409	239	6	VCP	C	0	0	0	8	4	3	Y	3	2010	
C3S-412_C3S-410	C3S-412	C3S-410	291	6	VCP	C	0	0	0	9	4	4	Y		2010	
C3S-501_C3S-502	C3S-501	C3S-502	194	6	VCP	C	0	0	0	103	4	39	Y		2009	
C3S-502_C3S-507	C3S-502	C3S-507	198	10	VCP	C	0	0	0	10	4	3	Y	3	2009	
C3S-503_C3S-502	C3S-503	C3S-502	267	10	VCP	C	0	0	0	29	4	11	Y	3	2009	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
C3S-504_C3S-505	C3S-504	C3S-505	223	6	VCP	C	0	0	0	0	0	0			2010	
C3S-505_C3S-508	C3S-505	C3S-508	266	6	VCP	C	0	0	0	44	4	29	Y		2009	
C3S-506_C3S-505	C3S-506	C3S-505	95	6	VCP	C	0	0	0	0	0	0	Y		2009	
C3S-507_C3S-508	C3S-507	C3S-508	219	10	VCP	C	0	0	0	18	4	6	Y		2009	
C3S-508_C3S-511	C3S-508	C3S-511	282	10	VCP	C	0	0	0	44	4	14	Y		2009	
C3S-509_C3S-404	C3S-509	C3S-404	158	6	VCP	C	0	0	0	13	3	9	Y		2009	
C3S-510_C3S-216	C3S-510	C3S-216	139	6	VCP	C	0	0	0	0	0	0			2010	C
C3S-511_C3S-214	C3S-511	C3S-214	243	10	VCP	C	3	3	1	37	4	12	Y	3	2009	
C3S-512_C3S-511	C3S-512	C3S-511	286	6	VCP	C	0	0	0	8	3	4	Y		2009	
C3S-603_C2S-308	C3S-603	C2S-308	241	6	VCP	C	0	0	0	23	4	8	Y	4	2010	
D1S-201_D1S-202	D1S-201	D1S-202	277	6	VCP	C	0	0	0	1	1	1	Y		2009	
D1S-202_C1S-514	D1S-202	C1S-514	186	6	VCP	C	0	0	0	24	4	9	Y	4	2009	
D1S-203_C1S-517	D1S-203	C1S-517	162	6	VCP	C	0	0	0	0	0	0			2010	
D1S-204_D1S-315	D1S-204	D1S-315	304	6	VCP	C	1	1	1	0	0	0			2010	
D1S-205_D1S-201	D1S-205	D1S-201	196	6	VCP	C	2	1	2	0	0	0	Y		2009	
D1S-206_D1S-207	D1S-206	D1S-207	317	6	VCP	B	5	2	3	0	0	0			2010	
D1S-207_D1S-302	D1S-207	D1S-302	325	6	VCP	C	0	0	0	2	2	1			2010	
D1S-208_D1S-301	D1S-208	D1S-301	296	6	VCP	C	0	0	0	6	4	3	Y		2010	
D1S-209_D1S-313	D1S-209	D1S-313	300	6	VCP	C	3	3	1	5	2	4	Y		2010	
D1S-301_D1S-304	D1S-301	D1S-304	317	6	VCP	C	0	0	0	1	1	1	Y		2010	
D1S-302_D1S-303	D1S-302	D1S-303	320	6	VCP	C	0	0	0	3	3	1		3	2010	
D1S-303_D1S-306	D1S-303	D1S-306	283	6	VCP	C	0	0	0	5	2	3	Y		2010	
D1S-304_D1S-305	D1S-304	D1S-305	316	6	VCP	C	0	0	0	12	4	5	Y		2010	
D1S-305_D1S-307	D1S-305	D1S-307	325	6	VCP	C	0	0	0	2	1	2	Y		2010	
D1S-306_C1S-609	D1S-306	C1S-609	281	6	VCP	C	0	0	0	0	0	0			2010	
D1S-307_C1S-608	D1S-307	C1S-608	268	6	VCP	C	0	0	0	4	4	1	Y		2010	
D1S-308_D2S-101	D1S-308	D2S-101	259	6	VCP	C	1	1	1	0	0	0	Y		2009	
D1S-309_D2S-111	D1S-309	D2S-111	326	6	VCP	C	0	0	0	16	4	6	Y	4	2009	
D1S-310_D1S-309	D1S-310	D1S-309	243	6	VCP	C	0	0	0	19	4	6	Y	4	2009	
D1S-311_D1S-310	D1S-311	D1S-310	77	6	VCP	B	5	5	1	3	3	1		3	2010	
D1S-313_D1S-314	D1S-313	D1S-314	321	6	VCP	C	0	0	0	12	3	7	Y	3	2010	
D1S-314_D1S-311	D1S-314	D1S-311	304	6	VCP	C	0	0	0	9	3	5	Y		2010	
D1S-315_C1S-614	D1S-315	C1S-614	200	6	VCP	C	0	0	0	0	0	0			2010	
D1S-316_C1S-614	D1S-316	C1S-614	141	6	VCP	C	0	0	0	0	0	0			2010	
D1S-317_D1S-313	D1S-317	D1S-313	74	6	VCP	C	0	0	0	2	2	1			2010	
D1S-601_D1S-604	D1S-601	D1S-604	252	6	VCP	C	0	0	0	4	2	3	Y		2010	
D1S-602_D1S-601	D1S-602	D1S-601	100	6	VCP	C	0	0	0	8	4	3	Y		2010	
D1S-603_D1S-602	D1S-603	D1S-602	398	6	VCP	C	0	0	0	13	4	7	Y		2010	
D1S-604_D1S-311	D1S-604	D1S-311	297	6	VCP	C	1	1	1	60	4	21	Y	3	2009	
D1S-605_D1S-604	D1S-605	D1S-604	279	6	VCP	C	0	0	0	2	2	1	Y		2009	
D1S-606_D1S-605	D1S-606	D1S-605	149	6	VCP	C	0	0	0	26	3	9	Y		2009	
D1S-607_D1S-317	D1S-607	D1S-317	256	6	VCP	C	2	2	1	34	3	14	Y		2009	
D1S-608_D1S-607	D1S-608	D1S-607	262	6	VCP	C	0	0	0	9	4	3	Y		2009	
D1S-609_D1S-608	D1S-609	D1S-608	254	6	VCP	B	4	4	1	122	5	43	Y		2009	
D1S-610_D1S-612	D1S-610	D1S-612	58	6	VCP	C	0	0	0	3	3	1			2010	
D1S-611_D1S-610	D1S-611	D1S-610	117	6	VCP	A	10	5	3	17	4	11	Y		2010	
D1S-612_D1S-613	D1S-612	D1S-613	155	6	VCP	C	0	0	0	10	3	8	Y		2010	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
D1S-613_D1S-614	D1S-613	D1S-614	395	6	VCP	C	0	0	0	36	4	17	Y		2010	
D1S-614_D1S-615	D1S-614	D1S-615	110	6	VCP	C	0	0	0	4	3	2	Y		2010	
D1S-615_D1S-602	D1S-615	D1S-602	235	6	VCP	C	0	0	0	14	4	5	Y		2010	
D2S-101_D2S-102	D2S-101	D2S-102	183	6	VCP	C	0	0	0	3	3	1	Y		2009	
D2S-102_C2S-411	D2S-102	C2S-411	302	6	VCP	C	0	0	0	48	4	20	Y		2009	
D2S-104_D2S-105	D2S-104	D2S-105	237	6	VCP	C	1	1	1	4	2	3	Y		2010	
D2S-106_D2S-105	D2S-106	D2S-105	331	6	VCP	C	0	0	0	4	4	1	Y		2009	
D2S-107_D1S-310	D2S-107	D1S-310	260	6	VCP	C	2	2	1	1	1	1	Y		2009	
D2S-108_D2S-109	D2S-108	D2S-109	227	6	VCP	C	0	0	0	17	4	5	Y		2010	
D2S-109_D2S-110	D2S-109	D2S-110	239	6	VCP	C	0	0	0	9	3	5	Y	3	2010	
D2S-111_D2S-106	D2S-111	D2S-106	316	6	VCP	C	1	1	1	15	4	6	Y		2009	
D2S-201_C2S-515	D2S-201	C2S-515	91	6	VCP	C	0	0	0	4	2	2	Y		2010	
D2S-202_D2S-213	D2S-202	D2S-213	104	8	VCP	C	0	0	0	15	3	7	Y		2009	
D2S-203_D2S-201	D2S-203	D2S-201	402	6	VCP	C	0	0	0	12	4	6	Y	3	2010	
D2S-204_D2S-205	D2S-204	D2S-205	149	6	VCP	C	0	0	0	5	4	2	Y		2010	
D2S-205_D2S-201	D2S-205	D2S-201	249	6	VCP	C	0	0	0	7	4	3	Y	4	2010	
D2S-206_D2S-205	D2S-206	D2S-205	118	6	VCP	C	2	2	1	3	2	2	Y		2010	
D2S-207_D2S-214	D2S-207	D2S-214	306	6	VCP	C	0	0	0	3	3	1	Y	3	2009	
D2S-208_D2S-104	D2S-208	D2S-104	237	6	VCP	B	4	3	2	9	4	5	Y		2010	
D2S-209_D2S-110	D2S-209	D2S-110	272	6	VCP	C	0	0	0	4	2	3	Y		2010	
D2S-210_D2S-209	D2S-210	D2S-209	225	6	VCP	C	0	0	0	0	0	0	Y		2010	
D2S-211_D2S-212	D2S-211	D2S-212	272	6	VCP	C	0	0	0	6	4	3	Y		2010	
D2S-212_D2S-202	D2S-212	D2S-202	187	8	VCP	C	0	0	0	56	4	22	Y		2009	
D2S-213_D2S-214	D2S-213	D2S-214	157	8	VCP	C	0	0	0	21	3	7	Y		2009	
D2S-214_D2S-216	D2S-214	D2S-216	139	8	VCP	C	0	0	0	2	1	2	Y		2010	
D2S-215_D2S-214	D2S-215	D2S-214	286	6	VCP	C	0	0	0	6	3	2	Y	3	2009	
D2S-216_D2S-217	D2S-216	D2S-217	45	8	VCP	C	0	0	0	3	2	2	Y		2010	
D2S-217_D2S-219	D2S-217	D2S-219	258	8	VCP	C	0	0	0	26	4	8	Y		2009	
D2S-218_D2S-306	D2S-218	D2S-306	338	6	VCP	C	0	0	0	12	4	6	Y		2010	
D2S-220_D2S-217	D2S-220	D2S-217	151	6	VCP	C	0	0	0	0	0	0	Y		2009	
D2S-301_D3S-110	D2S-301	D3S-110	325	6	VCP	C	3	3	1	2	1	2	Y		2010	
D2S-302_D2S-301	D2S-302	D2S-301	132	6	VCP	C	0	0	0	5	2	4	Y		2010	
D2S-304_C3S-412	D2S-304	C3S-412	284	6	VCP	C	0	0	0	8	4	4	Y		2010	
D2S-305_D2S-304	D2S-305	D2S-304	278	6	VCP	C	0	0	0	6	4	3	Y		2010	
D2S-306_D2S-303	D2S-306	D2S-303	339	6	VCP	C	0	0	0	5	4	2	Y		2010	
D2S-307_D2S-308	D2S-307	D2S-308	171	6	VCP	C	0	0	0	9	4	4	Y		2010	
D2S-308_D2S-309	D2S-308	D2S-309	98	6	VCP	C	0	0	0	0	0	0	Y		2010	
D2S-309_D2S-310	D2S-309	D2S-310	175	6	VCP	C	2	2	1	3	1	3	Y		2010	
D2S-311_D2S-305	D2S-311	D2S-305	281	6	VCP	C	0	0	0	13	5	5	Y		2010	
D2S-312_D2S-308	D2S-312	D2S-308	249	6	VCP	C	0	0	0	17	4	8	Y		2010	
D2S-313_D2S-312	D2S-313	D2S-312	121	6	VCP	B	5	5	1	6	4	3	Y		2010	
D2S-401_D2S-402	D2S-401	D2S-402	60	6	VCP	C	0	0	0	2	2	1	Y		2010	
D2S-402_D2S-403	D2S-402	D2S-403	101	6	VCP	C	2	2	1	10	3	6	Y		2010	
D2S-403_D2S-404	D2S-403	D2S-404	123	6	VCP	C	0	0	0	24	4	11	Y		2010	
D2S-404_D2S-405	D2S-404	D2S-405	159	6	VCP	C	1	1	1	27	4	13	Y		2010	
D2S-405_D1S-601	D2S-405	D1S-601	234	6	VCP	C	3	3	1	19	4	10	Y		2010	
D2S-406_D1S-615	D2S-406	D1S-615	351	6	VCP	C	0	0	0	34	4	19	Y	4	2010	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
D2S-407_D2S-410	D2S-407	D2S-410	62	6	VCP	C	0	0	0	2	2	1	Y		2009	
D2S-408_D2S-415_2	D2S-408	D2S-415	321	12	VCP	C	0	0	0	4	4	1	Y	4	2009	
D2S-409_D2S-410	D2S-409	D2S-410	82	12	VCP	C	0	0	0	5	3	2	Y		2009	
D2S-411_D2S-412	D2S-411	D2S-412	67	6	VCP	C	0	0	0	0	0	0			2010	
D2S-412_D2S-413	D2S-412	D2S-413	87	6	VCP	C	0	0	0	0	0	0			2010	
D2S-413_D2S-414	D2S-413	D2S-414	137	6	VCP	C	0	0	0	6	3	3	Y		2010	
D2S-414_D2S-415	D2S-414	D2S-415	243	6	VCP	B	4	4	1	10	4	3	Y		2009	
D2S-416_D2S-417	D2S-416	D2S-417	257	6	VCP	C	0	0	0	16	5	6	Y		2010	
D2S-418_D2S-108	D2S-418	D2S-108	258	6	VCP	C	3	3	1	8	4	4	Y		2010	
D2S-501_D2S-415	D2S-501	D2S-415	241	6	VCP	C	0	0	0	82	4	26	Y	4	2009	
D2S-502_D2S-501	D2S-502	D2S-501	265	6	VCP	C	0	0	0	54	4	17	Y	4	2009	
D2S-503_D2S-502	D2S-503	D2S-502	198	6	VCP	C	0	0	0	19	4	6	Y		2009	
D2S-504_D2S-417	D2S-504	D2S-417	257	6	VCP	C	1	1	1	22	4	9	Y		2010	
D2S-505_D2S-611	D2S-505	D2S-611	145	6	VCP	C	0	0	0	6	3	4	Y		2010	
D2S-506_D2S-502	D2S-506	D2S-502	253	6	VCP	B	9	4	3	73	4	26	Y	3	2009	
D2S-507_D2S-508	D2S-507	D2S-508	250	6	VCP	C	0	0	0	4	3	2	Y		2009	
D2S-508_D2S-503	D2S-508	D2S-503	208	6	VCP	C	3	3	1	9	3	7	Y		2009	
D2S-509_D2S-514	D2S-509	D2S-514	269	6	VCP	C	0	0	0	12	4	6	Y		2010	
D2S-510_D2S-515	D2S-510	D2S-515	310	8	VCP	C	0	0	0	7	1	7	Y		2009	
D2S-511_D2S-513	D2S-511	D2S-513	266	6	VCP	C	0	0	0	7	3	4	Y	3	2010	
D2S-512_D2S-511	D2S-512	D2S-511	262	6	VCP	B	9	5	2	9	4	4	Y		2010	
D2S-514_D2S-504	D2S-514	D2S-504	258	6	VCP	C	2	2	1	5	2	4	Y		2010	
D2S-515_D2S-212	D2S-515	D2S-212	190	8	VCP	C	0	0	0	16	4	5	Y		2009	
D2S-602_D2S-603	D2S-602	D2S-603	103	6	VCP	C	0	0	0	1	1	1	Y		2010	
D2S-603_D2S-312	D2S-603	D2S-312	251	6	VCP	C	0	0	0	3	2	2	Y		2010	
D2S-604_D2S-610	D2S-604	D2S-610	147	6	VCP	B	4	4	1	2	1	2	Y		2010	
D2S-605_D2S-610	D2S-605	D2S-610	254	6	VCP	C	0	0	0	13	4	5	Y		2010	
D2S-606_D2S-607	D2S-606	D2S-607	157	6	VCP	C	0	0	0	1	1	1	Y		2010	
D2S-607_D2S-608	D2S-607	D2S-608	138	6	VCP	C	0	0	0	0	0	0			2010	
D2S-608_D2S-603	D2S-608	D2S-603	287	6	VCP	C	2	2	1	6	4	2			2010	
D2S-609_D2S-608	D2S-609	D2S-608	94	6	VCP	C	0	0	0	2	1	2	Y		2010	
D2S-610_D2S-606	D2S-610	D2S-606	156	6	VCP	C	0	0	0	5	4	2	Y	4	2010	
D2S-611_D2S-612	D2S-611	D2S-612	255	6	VCP	C	0	0	0	2	1	2	Y		2010	
D2S-612_D2S-613	D2S-612	D2S-613	140	6	VCP	C	0	0	0	3	3	1	Y		2010	
D2S-613_D2S-607	D2S-613	D2S-607	331	6	VCP	C	0	0	0	8	3	4	Y		2010	
D2S-614_D3S-401	D2S-614	D3S-401	390	6	VCP	C	0	0	0	1	1	1	Y		2010	
D3S-101_D3S-102	D3S-101	D3S-102	65	8	VCP	C	0	0	0	0	0	0			2009	
D3S-102_D3S-208	D3S-102	D3S-208	300	10	VCP	C	0	0	0	35	4	12	Y	4	2010	
D3S-103_D3S-104	D3S-103	D3S-104	336	6	VCP	C	0	0	0	58	4	21	Y		2009	
D3S-104_C3S-501	D3S-104	C3S-501	333	6	VCP	C	0	0	0	12	4	5	Y		2009	
D3S-105_C3S-401	D3S-105	C3S-401	268	6	VCP	C	0	0	0	3	1	3	Y		2010	
D3S-106_C3S-403	D3S-106	C3S-403	303	6	VCP	C	0	0	0	25	3	11	Y		2009	
D3S-107_D3S-106	D3S-107	D3S-106	324	6	VCP	C	0	0	0	35	3	13	Y		2009	
D3S-108_D3S-107	D3S-108	D3S-107	338	6	VCP	C	0	0	0	55	3	21	Y		2009	
D3S-109_D3S-101	D3S-109	D3S-101	342	8	VCP	B	5	5	1	9	2	7	Y		2010	
D3S-110_D3S-105	D3S-110	D3S-105	287	6	VCP	C	3	3	1	4	1	4	Y		2010	
D3S-201_D3S-202	D3S-201	D3S-202	301	6	VCP	C	0	0	0	8	4	5	Y		2010	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
D3S-202_D3S-206	D3S-202	D3S-206	273	10	VCP	C	0	0	0	0	0	0	Y		2009	
D3S-203_D3S-102	D3S-203	D3S-102	315	10	VCP	C	0	0	0	9	3	3	Y		2009	
D3S-204_D3S-515	D3S-204	D3S-515	261	6	VCP	B	5	3	2	3	1	3	Y		2010	
D3S-205_D3S-206	D3S-205	D3S-206	114	6	VCP	C	0	0	0	0	0	0	Y		2010	
D3S-206_D3S-203	D3S-206	D3S-203	304	10	VCP	C	0	0	0	43	4	14	Y		2009	
D3S-207_D3S-205	D3S-207	D3S-205	131	6	VCP	C	0	0	0	3	1	3	Y		2010	
D3S-208_D3S-209	D3S-208	D3S-209	278	10	VCP	B	4	4	1	15	4	4	Y	4	2010	
D3S-209_C3S-503	D3S-209	C3S-503	273	10	VCP	C	0	0	0	18	4	6	Y	3	2010	
D3S-301_D3S-304	D3S-301	D3S-304	325	6	VCP	C	0	0	0	10	4	4	Y		2010	
D3S-302_D3S-303	D3S-302	D3S-303	330	8	VCP	C	0	0	0	19	4	6	Y	3	2009	
D3S-303_D3S-304	D3S-303	D3S-304	327	10	VCP	C	0	0	0	3	3	1	Y		2009	
D3S-304_D3S-202	D3S-304	D3S-202	338	10	VCP	C	0	0	0	0	0	0	Y		2009	
D3S-305_D3S-306	D3S-305	D3S-306	82	6	VCP	C	0	0	0	3	2	2	Y		2010	
D3S-306_D4S-102	D3S-306	D4S-102	254	6	VCP	C	0	0	0	18	4	6	Y		2010	
D3S-400_D3S-109	D3S-400	D3S-109	320	8	VCP	C	0	0	0	9	4	4	Y		2010	
D3S-401_D3S-402	D3S-401	D3S-402	334	6	VCP	C	2	2	1	13	4	6	Y	3	2010	
D3S-402_D3S-403	D3S-402	D3S-403	325	6	VCP	C	0	0	0	14	4	6	Y		2010	
D3S-403_D3S-404	D3S-403	D3S-404	197	8	VCP	C	0	0	0	0	0	0			2010	
D3S-404_D3S-405	D3S-404	D3S-405	323	8	VCP	C	0	0	0	12	4	5	Y		2010	
D3S-405_D3S-400	D3S-405	D3S-400	333	8	VCP	C	0	0	0	14	4	6	Y		2010	
D3S-501_D3S-201	D3S-501	D3S-201	300	6	VCP	C	1	1	1	9	4	5	Y		2010	
D3S-502_D3S-505	D3S-502	D3S-505	171	6	VCP	C	0	0	0	0	0	0			2010	
D3S-503_D3S-509	D3S-503	D3S-509	300	6	VCP	C	0	0	0	2	1	2	Y		2009	
D3S-504_D3S-503	D3S-504	D3S-503	183	6	VCP	C	0	0	0	7	4	3	Y		2010	
D3S-505_D3S-507	D3S-505	D3S-507	189	6	VCP	C	0	0	0	1	1	1	Y		2010	
D3S-506_D3S-505	D3S-506	D3S-505	171	6	VCP	C	0	0	0	4	2	2			2010	
D3S-507_D3S-508	D3S-507	D3S-508	152	6	VCP	C	0	0	0	14	4	5	Y		2010	
D3S-508_D3S-511	D3S-508	D3S-511	270	6	VCP	C	0	0	0	15	4	12	Y		2008	
D3S-509_D3S-513	D3S-509	D3S-513	307	6	VCP	C	0	0	0	1	1	1	Y		2010	
D3S-510_D3S-514	D3S-510	D3S-514	262	6	VCP	C	3	3	1	1	1	1	Y		2010	
D3S-511_D3S-515	D3S-511	D3S-515	279	6	VCP	C	0	0	0	44	3	16	Y	3	2009	
D3S-513_D3S-516	D3S-513	D3S-516	309	6	VCP	C	3	3	1	12	4	7	Y		2010	
D3S-514_D3S-501	D3S-514	D3S-501	312	6	VCP	C	0	0	0	17	4	8	Y		2010	
D3S-515_D3S-516	D3S-515	D3S-516	246	6	VCP	C	2	2	1	16	4	5	Y	3	2009	
D3S-516_D3S-207	D3S-516	D3S-207	164	6	VCP	C	2	2	1	2	1	2	Y		2010	
D3S-601_D3S-605	D3S-601	D3S-605	29	6	VCP	C	1	1	1	7	3	3	Y		2010	
D3S-602_D3S-601	D3S-602	D3S-601	121	6	VCP	C	0	0	0	4	2	2			2010	
D3S-603_D3S-607	D3S-603	D3S-607	321	8	VCP	C	0	0	0	8	4	4	Y	4	2010	
D3S-604_D3S-603	D3S-604	D3S-603	316	8	VCP	C	0	0	0	20	4	9	Y		2010	
D3S-605_D3S-606	D3S-605	D3S-606	336	6	VCP	C	0	0	0	5	4	2	Y		2010	
D3S-606_D3S-608	D3S-606	D3S-608	323	6	VCP	C	0	0	0	14	4	5	Y		2009	
D3S-607_D3S-609	D3S-607	D3S-609	324	8	VCP	C	0	0	0	6	3	3	Y	3	2010	
D3S-608_D3S-301	D3S-608	D3S-301	324	6	VCP	C	0	0	0	12	3	6	Y		2009	
D3S-609_D3S-302	D3S-609	D3S-302	329	8	VCP	C	0	0	0	4	3	2	Y	3	2010	
D3S-610_D4S-411	D3S-610	D4S-411	359	6	VCP	C	0	0	0	9	4	3	Y		2010	
D3S-611_D3S-605	D3S-611	D3S-605	166	6	VCP	C	0	0	0	1	1	1	Y		2009	
D3S-612_D3S-305	D3S-612	D3S-305	232	6	VCP	C	0	0	0	12	4	4	Y		2010	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
D3S-613_D4S-412	D3S-613	D4S-412	361	6	VCP	C	0	0	0	31	4	12	Y		2010	
D4S-101_D4S-202	D4S-101	D4S-202	284	6	VCP	C	0	0	0	46	4	14	Y		2009	
D4S-102_D4S-103	D4S-102	D4S-103	279	6	VCP	C	2	1	2	16	4	6	Y		2010	
D4S-103_D4S-101	D4S-103	D4S-101	294	6	VCP	C	0	0	0	21	4	8	Y	3	2010	
D4S-402_D4S-401	D4S-402	D4S-401	338	6	VCP	C	1	1	1	17	3	11	Y		2010	
D4S-403_D4S-404	D4S-403	D4S-404	349	6	VCP	C	2	2	1	14	4	6	Y		2010	
D4S-404_D4S-409	D4S-404	D4S-409	235	6	VCP	C	0	0	0	39	4	14	Y		2010	
D4S-405_D4S-409	D4S-405	D4S-409	283	6	VCP	C	0	0	0	18	4	9	Y		2010	
D4S-406_D4S-405	D4S-406	D4S-405	281	6	VCP	C	0	0	0	5	2	4	Y		2010	
D4S-408_D4S-406	D4S-408	D4S-406	346	6	VCP	B	8	5	2	10	4	4	Y		2010	
D4S-410_D4S-408	D4S-410	D4S-408	359	6	VCP	C	0	0	0	2	1	2	Y		2010	
D4S-411_D4S-403	D4S-411	D4S-403	349	6	VCP	C	0	0	0	14	4	6	Y	3	2010	
D4S-412_D4S-402	D4S-412	D4S-402	334	6	VCP	B	4	3	2	10	3	7	Y		2010	
E1S-201_E1S-202	E1S-201	E1S-202	174	6	VCP	C	1	1	1	3	3	1			2010	
E1S-202_E1S-203	E1S-202	E1S-203	181	6	VCP	C	1	1	1	0	0	0			2010	
E1S-203_E1S-204	E1S-203	E1S-204	234	6	VCP	C	0	0	0	18	3	6	Y		2009	
E1S-204_E1S-617	E1S-204	E1S-617	318	6	VCP	C	3	2	2	10	3	4	Y		2009	
E1S-301_E1S-315	E1S-301	E1S-315	119	6	VCP	C	0	0	0	0	0	0	Y		2009	
E1S-302_D1S-610	E1S-302	D1S-610	224	6	VCP	C	0	0	0	32	4	16	Y		2010	
E1S-303_D1S-614	E1S-303	D1S-614	139	6	VCP	C	2	2	1	2	2	1	Y		2010	
E1S-304_E1S-303	E1S-304	E1S-303	89	6	VCP	C	0	0	0	18	4	6	Y		2010	
E1S-305_E1S-306	E1S-305	E1S-306	217	6	VCP	C	2	1	2	17	4	9	Y		2010	
E1S-306_D1S-613	E1S-306	D1S-613	442	6	VCP	C	0	0	0	12	4	6	Y		2010	
E1S-307_E2S-102	E1S-307	E2S-102	330	6	VCP	C	0	0	0	2	2	1	Y		2010	
E1S-308_E1S-307	E1S-308	E1S-307	62	6	VCP	C	0	0	0	1	1	1	Y		2010	
E1S-309_E1S-307	E1S-309	E1S-307	214	6	VCP	C	1	1	1	2	1	2	Y		2010	
E1S-310_E1S-204	E1S-310	E1S-204	256	6	VCP	B	7	5	2	18	4	8	Y		2010	
E1S-311_E1S-617	E1S-311	E1S-617	244	6	VCP	C	1	1	1	3	2	2	Y		2010	
E1S-312_E1S-316	E1S-312	E1S-316	107	6	VCP	C	0	0	0	30	5	13	Y		2009	
E1S-313_E1S-301	E1S-313	E1S-301	53	6	VCP	C	0	0	0	0	0	0	Y		2009	
E1S-314_E1S-312	E1S-314	E1S-312	288	6	VCP	B	5	5	1	46	5	12	Y		2010	
E1S-315_E1S-316	E1S-315	E1S-316	160	6	VCP	C	1	1	1	0	0	0	Y		2010	
E1S-316_E1S-308	E1S-316	E1S-308	117	6	VCP	C	2	2	1	2	1	2	Y		2010	
E1S-501_E1S-601	E1S-501	E1S-601	63	12	VCP	C	0	0	0	0	0	0	Y		2009	
E1S-601_E1S-602	E1S-601	E1S-602	344	12	VCP	C	0	0	0	3	1	3	Y		2009	
E1S-602_E1S-610	E1S-602	E1S-610	423	12	VCP	C	3	3	1	18	4	6	Y	4	2009	
E1S-603_E1S-604	E1S-603	E1S-604	48	6	VCP	C	0	0	0	3	3	2	Y		2007	
E1S-604_E1S-605	E1S-604	E1S-605	132	8	VCP	C	0	0	0	27	4	8	Y	4	2009	
E1S-605_E1S-619	E1S-605	E1S-619	154	8	VCP	C	0	0	0	0	0	0	Y		2009	
E1S-606_E1S-604	E1S-606	E1S-604	97	8	VCP	C	0	0	0	0	0	0	Y		2009	
E1S-607_E1S-606	E1S-607	E1S-606	199	6	VCP	A	10	5	2	9	4	3	Y		2010	
E1S-608_E1S-606	E1S-608	E1S-606	76	8	VCP	C	0	0	0	4	4	1	Y		2009	
E1S-609_E1S-602	E1S-609	E1S-602	254	6	VCP	C	0	0	0	30	4	17	Y	4	2010	
E1S-610_E1S-615	E1S-610	E1S-615	104	12	VCP	C	0	0	0	2	2	1	Y		2010	
E1S-611_E1S-608	E1S-611	E1S-608	150	8	VCP	B	5	5	1	4	4	1	Y	4	2009	
E1S-612_E1S-611	E1S-612	E1S-611	226	6	VCP	C	1	1	1	40	5	10	Y	4	2010	
E1S-613_E1S-612	E1S-613	E1S-612	103	6	VCP	C	0	0	0	21	5	5	Y	4	2010	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
E1S-614_E1S-613	E1S-614	E1S-613	52	6	VCP	C	0	0	0	24	5	6		4	2010	
E1S-615_E2S-407	E1S-615	E2S-407	89	12	VCP	C	0	0	0	0	0	0	Y		2009	
E1S-616_E1S-615	E1S-616	E1S-615	170	6	VCP	C	0	0	0	23	4	9	Y		2010	
E1S-617_E1S-601	E1S-617	E1S-601	145	6	VCP	B	5	5	1	2	1	2	Y		2010	
E2S-012_E2S-110	E2S-012	E2S-110	106	6	VCP	C	0	0	0	6	4	2			2010	
E2S-101_E1S-303	E2S-101	E1S-303	415	6	VCP	C	1	1	1	14	4	7	Y		2010	
E2S-102_E2S-107	E2S-102	E2S-107	301	6	VCP	C	0	0	0	0	0	0			2010	
E2S-103_E2S-107	E2S-103	E2S-107	302	6	VCP	C	0	0	0	3	2	2	Y		2010	
E2S-104_E2S-106	E2S-104	E2S-106	184	6	VCP	C	0	0	0	0	0	0			2010	
E2S-105_E2S-104	E2S-105	E2S-104	193	6	VCP	C	0	0	0	2	2	1			2010	
E2S-106_E2S-108	E2S-106	E2S-108	226	6	VCP	C	0	0	0	11	4	4		4	2010	
E2S-108_E2S-109_2	E2S-108	E2S-109	253	12	VCP	C	0	0	0	0	0	0	Y		2009	
E2S-109_E2S-111_2	E2S-109	E2S-111	251	12	VCP	C	0	0	0	0	0	0	Y		2009	
E2S-110_D2S-407	E2S-110	D2S-407	233	6	VCP	C	0	0	0	0	0	0	Y		2009	
E2S-111_D2S-409	E2S-111	D2S-409	159	12	VCP	C	0	0	0	0	0	0	Y		2009	
E2S-201_E2S-108	E2S-201	E2S-108	185	12	VCP	C	0	0	0	0	0	0	Y		2009	
E2S-202_E2S-215	E2S-202	E2S-215	201	6	VCP	C	0	0	0	23	4	9	Y		2010	
E2S-203_E2S-201	E2S-203	E2S-201	359	12	VCP	C	0	0	0	21	5	8	Y		2009	
E2S-204_E2S-212	E2S-204	E2S-212	284	6	VCP	C	0	0	0	2	2	1			2010	
E2S-208_E2S-207	E2S-208	E2S-207	113	6	VCP	C	0	0	0	21	4	9	Y	3	2010	
E2S-209_E2S-612	E2S-209	E2S-612	233	6	VCP	C	3	3	1	6	3	4	Y	3	2010	
E2S-210_E2S-208	E2S-210	E2S-208	105	6	VCP	C	0	0	0	9	4	4	Y		2010	
E2S-211_E2S-201	E2S-211	E2S-201	331	12	VCP	A	10	5	2	10	4	4	Y		2010	
E2S-212_E2S-211	E2S-212	E2S-211	342	6	VCP	C	0	0	0	0	0	0			2010	
E2S-213_E2S-212	E2S-213	E2S-212	136	6	VCP	C	0	0	0	0	0	0			2010	
E2S-215_D2S-506	E2S-215	D2S-506	252	6	VCP	C	0	0	0	18	4	5	Y		2010	
E2S-301_D2S-611	E2S-301	D2S-611	234	6	VCP	C	0	0	0	17	4	9	Y		2010	
E2S-302_D2S-612	E2S-302	D2S-612	202	6	VCP	C	0	0	0	12	2	11	Y		2010	
E2S-303_E2S-304	E2S-303	E2S-304	156	6	VCP	C	0	0	0	10	3	8	Y		2010	
E2S-304_E2S-305	E2S-304	E2S-305	280	6	VCP	C	0	0	0	16	4	9	Y		2010	
E2S-305_E3S-102	E2S-305	E3S-102	312	6	VCP	C	0	0	0	35	4	18	Y		2010	
E2S-306_E2S-210	E2S-306	E2S-210	173	6	VCP	C	0	0	0	8	3	4	Y		2010	
E2S-307_E2S-308	E2S-307	E2S-308	135	6	VCP	C	0	0	0	6	3	2	Y		2009	
E2S-308_E2S-309	E2S-308	E2S-309	316	6	VCP	C	0	0	0	11	4	6	Y		2010	
E2S-309_E2S-311	E2S-309	E2S-311	305	6	VCP	C	0	0	0	18	4	7	Y		2010	
E2S-310_E2S-309	E2S-310	E2S-309	138	6	VCP	C	0	0	0	0	0	0			2010	
E2S-311_E2S-312	E2S-311	E2S-312	80	6	VCP	C	0	0	0	8	3	4	Y		2010	
E2S-312_E2S-313	E2S-312	E2S-313	331	6	VCP	B	5	5	1	18	4	7	Y	3	2010	
E2S-313_E3S-104	E2S-313	E3S-104	332	6	VCP	C	0	0	0	10	3	5	Y	3	2010	
E2S-314_E2S-315	E2S-314	E2S-315	79	6	VCP	C	0	0	0	11	4	5	Y		2010	
E2S-315_E3S-111	E2S-315	E3S-111	334	6	VCP	C	0	0	0	13	3	8	Y		2010	
E2S-401_E2S-504	E2S-401	E2S-504	175	6	VCP	C	0	0	0	3	3	1			2010	
E2S-402_E2S-401	E2S-402	E2S-401	33	6	VCP	C	0	0	0	0	0	0			2010	
E2S-403_E2S-402	E2S-403	E2S-402	160	6	VCP	C	0	0	0	7	4	2	Y		2010	
E2S-404_E2S-410	E2S-404	E2S-410	307	6	VCP	C	2	1	2	0	0	0			2010	
E2S-404_E2S-103	E2S-404	E2S-103	303	6	VCP	C	0	0	0	10	4	4	Y		2010	
E2S-405_E1S-610	E2S-405	E1S-610	317	8	VCP	C	0	0	0	4	2	2			2010	



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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
E2S-406_E2S-407	E2S-406	E2S-407	366	6	VCP	B	6	5	2	15	4	4	Y		2010	
E2S-407_E2S-408	E2S-407	E2S-408	426	12	VCP	C	0	0	0	2	2	1	Y		2009	
E2S-408_E2S-411	E2S-408	E2S-411	270	12	VCP	C	2	2	1	4	4	1	Y		2009	
E2S-409_E2S-411	E2S-409	E2S-411	231	6	VCP	B	6	5	2	4	4	1	Y	4	2010	
E2S-410_E2S-409	E2S-410	E2S-409	179	6	VCP	C	1	1	1	0	0	0			2010	
E2S-411_E2S-414	E2S-411	E2S-414	140	12	VCP	C	0	0	0	0	0	0	Y		2009	
E2S-412_E2S-405	E2S-412	E2S-405	330	8	VCP	C	0	0	0	1	1	1	Y		2010	
E2S-413_E2S-403	E2S-413	E2S-403	343	6	VCP	B	5	5	1	20	4	7	Y		2010	
E2S-413_E2S-415	E2S-413	E2S-415	277	6	VCP	C	1	1	1	4	4	1	Y		2010	
E2S-414_E2S-507	E2S-414	E2S-507	142	12	VCP	C	0	0	0	0	0	0	Y		2009	
E2S-415_E2S-406	E2S-415	E2S-406	220	6	VCP	C	0	0	0	6	3	3	Y		2010	
E2S-501_E2S-503	E2S-501	E2S-503	141	6	VCP	C	0	0	0	0	0	0			2010	
E2S-502_E2S-515	E2S-502	E2S-515	281	6	VCP	C	0	0	0	11	4	3	Y	4	2010	
E2S-503_E2S-505	E2S-503	E2S-505	179	6	VCP	C	0	0	0	3	3	1	Y		2010	
E2S-504_E2S-414	E2S-504	E2S-414	384	6	VCP	B	6	5	2	2	2	1	Y		2007	
E2S-504_E2S-503	E2S-504	E2S-503	178	6	VCP	C	0	0	0	5	3	2	Y		2010	
E2S-505_E2S-506	E2S-505	E2S-506	165	6	VCP	C	0	0	0	3	3	1	Y		2010	
E2S-506_E2S-507	E2S-506	E2S-507	368	10	VCP	B	4	4	1	9	3	3	Y	3	2009	
E2S-507_E2S-203_2	E2S-507	E2S-203	365	12	VCP	C	0	0	0	0	0	0	Y		2009	
E2S-508_E2S-506	E2S-508	E2S-506	245	8	VCP	C	0	0	0	5	5	1	Y		2009	
E2S-509_E2S-514	E2S-509	E2S-514	180	6	VCP	C	0	0	0	2	2	1	Y		2010	
E2S-510_E2S-508	E2S-510	E2S-508	374	8	VCP	C	0	0	0	11	4	3	Y		2009	
E2S-511_E2S-509	E2S-511	E2S-509	262	6	VCP	A	18	5	6	9	2	5	Y		2010	
E2S-512_E2S-510	E2S-512	E2S-510	247	8	VCP	C	0	0	0	3	3	1	Y		2009	
E2S-513_E2S-608	E2S-513	E2S-608	334	6	VCP	C	0	0	0	8	3	4	Y		2010	
E2S-514_E2S-204	E2S-514	E2S-204	282	6	VCP	C	0	0	0	4	2	2	Y		2010	
E2S-515_E2S-501	E2S-515	E2S-501	151	6	VCP	C	2	1	2	15	3	6	Y		2010	
E2S-601_E2S-602	E2S-601	E2S-602	70	6	VCP	C	0	0	0	0	0	0	Y		2008	
E2S-602_E2S-603	E2S-602	E2S-603	25	6	VCP	C	0	0	0	1	1	1	Y		2010	
E2S-603_E2S-606	E2S-603	E2S-606	313	6	VCP	C	0	0	0	17	4	8	Y	3	2010	
E2S-604_E2S-601	E2S-604	E2S-601	249	6	VCP	B	4	2	2	7	4	3	Y		2010	
E2S-605_E2S-607	E2S-605	E2S-607	302	6	VCP	C	0	0	0	10	4	3	Y	3	2009	
E2S-606_E2S-607	E2S-606	E2S-607	45	6	VCP	C	0	0	0	0	0	0	Y		2010	
E2S-607_E3S-401	E2S-607	E3S-401	336	8	VCP	C	0	0	0	8	3	4	Y	3	2010	
E2S-608_E2S-609	E2S-608	E2S-609	347	6	VCP	B	5	5	1	30	4	13	Y		2010	
E2S-609_E2S-610	E2S-609	E2S-610	354	6	VCP	C	1	1	1	29	4	12	Y		2010	
E2S-610_E2S-605	E2S-610	E2S-605	318	6	VCP	C	0	0	0	52	4	19	Y	3	2009	
E2S-611_E2S-511	E2S-611	E2S-511	271	6	VCP	C	0	0	0	1	1	1	Y		2010	
E2S-612_E2S-205	E2S-612	E2S-205	20	6	VCP	C	0	0	0	2	2	1	Y		2010	
E3S-101_D3S-403	E3S-101	D3S-403	326	8	VCP	C	0	0	0	0	0	0	Y		2010	
E3S-102_E3S-103	E3S-102	E3S-103	311	6	VCP	C	1	1	1	10	4	5	Y		2010	
E3S-103_E3S-101	E3S-103	E3S-101	304	6	VCP	C	0	0	0	13	4	9	Y		2010	
E3S-104_E3S-105	E3S-104	E3S-105	336	6	VCP	C	2	1	2	67	4	23	Y		2009	
E3S-105_E3S-101	E3S-105	E3S-101	328	8	VCP	C	0	0	0	24	4	11	Y		2010	
E3S-106_E3S-105	E3S-106	E3S-105	34	8	VCP	C	0	0	0	12	4	4	Y		2010	
E3S-107_E3S-106	E3S-107	E3S-106	227	6	VCP	C	0	0	0	21	4	8	Y		2010	
E3S-108_E3S-109	E3S-108	E3S-109	230	6	VCP	C	0	0	0	5	1	5	Y		2010	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
E3S-109_E3S-106	E3S-109	E3S-106	303	8	VCP	C	0	0	0	30	4	13	Y		2010	
E3S-110_E3S-109	E3S-110	E3S-109	337	6	VCP	C	0	0	0	19	4	7	Y	3	2010	
E3S-111_E3S-110	E3S-111	E3S-110	334	6	VCP	C	0	0	0	0	0	0			2010	
E3S-201_E3S-203	E3S-201	E3S-203	335	6	VCP	C	0	0	0	48	4	15	Y		2009	
E3S-202_E3S-204	E3S-202	E3S-204	209	6	VCP	C	0	0	0	11	4	5	Y		2010	
E3S-203_E3S-206	E3S-203	E3S-206	330	6	VCP	C	0	0	0	92	5	29	Y		2009	
E3S-204_E3S-205	E3S-204	E3S-205	209	6	VCP	C	0	0	0	9	2	8	Y		2010	
E3S-205_D3S-503	E3S-205	D3S-503	218	6	VCP	C	0	0	0	2	1	2	Y		2010	
E3S-206_D3S-504	E3S-206	D3S-504	330	6	VCP	A	10	5	2	64	4	22	Y		2009	
E3S-207_E3S-208	E3S-207	E3S-208	312	6	VCP	C	0	0	0	27	4	12	Y		2010	
E3S-208_E3S-210	E3S-208	E3S-210	302	6	VCP	C	2	2	1	3	1	3	Y		2010	
E3S-209_E3S-202	E3S-209	E3S-202	351	6	VCP	C	0	0	0	23	4	8	Y		2010	
E3S-210_D3S-505	E3S-210	D3S-505	322	6	VCP	B	5	4	2	28	4	9	Y		2009	
E3S-301_E3S-302	E3S-301	E3S-302	272	6	VCP	C	0	0	0	19	4	8	Y		2010	
E3S-302_E3S-303	E3S-302	E3S-303	288	6	VCP	C	0	0	0	19	4	8	Y		2010	
E3S-303_E3S-304	E3S-303	E3S-304	240	6	VCP	C	0	0	0	10	4	6	Y		2010	
E3S-304_D3S-611	E3S-304	D3S-611	247	6	VCP	C	0	0	0	8	3	5	Y		2010	
E3S-305_E3S-306	E3S-305	E3S-306	144	8	VCP	C	0	0	0	0	0	0			2010	
E3S-305_E4S-113	E3S-305	E4S-113	281	6	VCP	C	1	1	1	0	0	0			2010	
E3S-306_E3S-307	E3S-306	E3S-307	298	8	VCP	C	0	0	0	10	4	4	Y		2010	
E3S-307_E3S-308	E3S-307	E3S-308	278	8	VCP	C	0	0	0	26	4	12	Y		2010	
E3S-308_D3S-604	E3S-308	D3S-604	279	8	VCP	C	0	0	0	14	4	6	Y		2010	
E3S-401_E3S-404	E3S-401	E3S-404	311	8	VCP	C	0	0	0	34	4	11	Y	4	2010	
E3S-402_E3S-403	E3S-402	E3S-403	244	6	VCP	C	0	0	0	20	4	6	Y	4	2010	
E3S-403_E3S-404	E3S-403	E3S-404	301	6	VCP	B	9	5	2	14	4	7	Y		2010	
E3S-404_E3S-405	E3S-404	E3S-405	39	8	VCP	C	0	0	0	3	2	2	Y		2010	
E3S-405_E3S-109	E3S-405	E3S-109	303	8	VCP	B	5	5	1	10	4	5	Y		2010	
E3S-406_E3S-405	E3S-406	E3S-405	201	6	VCP	C	0	0	0	30	5	10	Y		2010	
E3S-407_E3S-406	E3S-407	E3S-406	22	6	VCP	C	0	0	0	0	0	0			2010	
E3S-408_E3S-503	E3S-408	E3S-503	200	6	VCP	C	2	2	1	3	1	3	Y		2010	
E3S-409_E3S-403	E3S-409	E3S-403	321	6	VCP	B	6	5	2	30	4	18	Y		2010	
E3S-410_E3S-411	E3S-410	E3S-411	265	6	VCP	C	0	0	0	15	4	6	Y		2009	
E3S-411_E2S-610	E3S-411	E2S-610	278	6	VCP	C	2	2	1	13	3	5	Y		2009	
E3S-412_E3S-402	E3S-412	E3S-402	272	6	VCP	C	0	0	0	14	4	6	Y	3	2010	
E3S-501_E3S-406	E3S-501	E3S-406	198	6	VCP	C	0	0	0	11	4	4	Y		2010	
E3S-502_E3S-501	E3S-502	E3S-501	338	6	VCP	C	0	0	0	11	4	6	Y		2010	
E3S-503_E3S-502	E3S-503	E3S-502	342	6	VCP	B	6	3	2	23	4	8	Y		2010	
E3S-504_E3S-506	E3S-504	E3S-506	238	6	VCP	C	0	0	0	7	1	7	Y		2010	
E3S-505_E3S-512	E3S-505	E3S-512	329	6	VCP	A	10	5	3	23	4	11	Y		2010	
E3S-506_E3S-507	E3S-506	E3S-507	249	6	VCP	C	0	0	0	16	3	9	Y		2010	
E3S-507_E3S-209	E3S-507	E3S-209	349	6	VCP	C	2	2	1	24	4	11	Y		2010	
E3S-508_E3S-509	E3S-508	E3S-509	247	6	VCP	C	0	0	0	7	3	5	Y		2010	
E3S-509_E3S-612	E3S-509	E3S-612	299	6	VCP	A	15	5	5	11	3	7	Y		2010	
E3S-510_E3S-509	E3S-510	E3S-509	103	6	VCP	C	0	0	0	2	1	2	Y		2010	
E3S-511_E3S-601	E3S-511	E3S-601	230	6	VCP	C	0	0	0	7	4	3	Y		2010	
E3S-512_E3S-610	E3S-512	E3S-610	231	6	VCP	C	1	1	1	5	2	4	Y		2010	
E3S-513_E3S-207	E3S-513	E3S-207	258	6	VCP	C	0	0	0	1	1	1	Y		2010	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
E3S-514_E3S-407	E3S-514	E3S-407	223	6	VCP	C	1	1	1	3	2	2			2010	
E3S-601_E3S-604	E3S-601	E3S-604	216	6	VCP	C	0	0	0	34	3	13	Y	3	2009	
E3S-602_E3S-612	E3S-602	E3S-612	240	6	VCP	C	1	1	1	6	2	3			2010	
E3S-603_E4S-413	E3S-603	E4S-413	352	6	VCP	C	0	0	0	8	4	5	Y		2010	
E3S-604_E3S-605	E3S-604	E3S-605	234	6	VCP	C	2	2	1	2	1	2	Y		2010	
E3S-605_E3S-606	E3S-605	E3S-606	218	6	VCP	C	0	0	0	3	1	3	Y		2010	
E3S-606_E3S-305	E3S-606	E3S-305	376	8	VCP	C	0	0	0	6	3	3	Y	3	2010	
E3S-607_E4S-405	E3S-607	E4S-405	350	6	VCP	C	0	0	0	9	4	5	Y		2010	
E3S-608_E3S-606	E3S-608	E3S-606	270	8	VCP	C	0	0	0	46	4	15	Y		2009	
E3S-609_E3S-305	E3S-609	E3S-305	213	6	VCP	C	0	0	0	7	1	7	Y		2010	
E3S-610_E3S-604	E3S-610	E3S-604	274	6	VCP	B	5	5	1	21	4	9	Y		2010	
E3S-611_E3S-608	E3S-611	E3S-608	280	8	VCP	C	0	0	0	17	4	5	Y		2009	
E3S-612_E3S-613	E3S-612	E3S-613	13	6	VCP	C	0	0	0	0	0	0			2010	
E3S-613_E3S-301	E3S-613	E3S-301	261	6	VCP	C	0	0	0	14	4	9	Y		2010	
E3S-614_D3S-602	E3S-614	D3S-602	276	6	VCP	C	1	1	1	0	0	0			2010	
E4S-101_E4S-103	E4S-101	E4S-103	357	6	VCP	C	0	0	0	15	4	6	Y		2010	
E4S-102_E4S-101	E4S-102	E4S-101	111	6	VCP	C	0	0	0	2	1	2	Y		2010	
E4S-103_E4S-104	E4S-103	E4S-104	160	6	VCP	C	0	0	0	2	2	1			2010	C
E4S-104_E4S-118	E4S-104	E4S-118	67	6	VCP	C	0	0	0	5	5	1			2010	C
E4S-107_E4S-115	E4S-107	E4S-115	150	6	VCP	C	1	1	1	7	2	5	Y		2010	
E4S-108_E4S-109	E4S-108	E4S-109	196	6	VCP	C	2	2	1	3	2	2	Y		2010	
E4S-110_E4S-111	E4S-110	E4S-111	148	6	VCP	A	13	5	4	4	2	2			2010	
E4S-113_E4S-114	E4S-113	E4S-114	317	6	VCP	C	0	0	0	11	4	5	Y		2010	
E4S-114_E4S-117	E4S-114	E4S-117	236	6	VCP	C	0	0	0	3	2	2	Y		2010	
E4S-115_E4S-114	E4S-115	E4S-114	188	6	VCP	C	0	0	0	7	4	3	Y		2010	
E4S-116_E4S-117	E4S-116	E4S-117	108	6	VCP	C	1	1	1	16	4	6	Y	4	2010	
E4S-117_D4S-406	E4S-117	D4S-406	402	6	VCP	C	1	1	1	5	2	3	Y		2010	
E4S-118_E4S-105	E4S-118	E4S-105	171	6	VCP	C	0	0	0	0	0	0			2010	C
E4S-201_E4S-202	E4S-201	E4S-202	320	6	VCP	C	0	0	0	12	2	7	Y		2010	
E4S-202_E4S-300	E4S-202	E4S-300	359	6	VCP	B	9	5	2	26	4	10	Y		2010	
E4S-203_E4S-204	E4S-203	E4S-204	256	6	VCP	C	0	0	0	1	1	1	Y		2010	
E4S-204_E4S-205	E4S-204	E4S-205	296	6	VCP	C	0	0	0	25	5	7	Y		2010	
E4S-205_E4S-306	E4S-205	E4S-306	294	6	VCP	C	0	0	0	25	4	9	Y		2010	
E4S-206_E4S-201	E4S-206	E4S-201	335	6	VCP	C	0	0	0	35	4	13	Y	4	2010	
E4S-300_E4S-302	E4S-300	E4S-302	340	6	VCP	C	0	0	0	17	4	6	Y		2010	
E4S-301_E4P-302	E4S-301	E4P-302	23	8	VCP	C	1	1	1	4	2	2			2010	
E4S-302_E4S-303	E4S-302	E4S-303	225	6	VCP	C	0	0	0	24	5	8	Y	4	2010	
E4S-303_E4S-304	E4S-303	E4S-304	196	6	VCP	C	0	0	0	4	2	2			2010	
E4S-304_E4P-301	E4S-304	E4P-301	209	6	VCP	C	0	0	0	0	0	0			2007	
E4S-305_E4S-304	E4S-305	E4S-304	291	6	VCP	C	0	0	0	10	4	4		4	2010	
E4S-306_E4S-305	E4S-306	E4S-305	299	6	VCP	C	0	0	0	8	4	3	Y	3	2010	
E4S-401_E4S-101	E4S-401	E4S-101	201	6	VCP	C	0	0	0	13	4	5	Y		2010	
E4S-403_E4S-404	E4S-403	E4S-404	169	6	VCP	C	0	0	0	9	4	4	Y		2010	
E4S-404_E4S-402	E4S-404	E4S-402	198	6	VCP	C	0	0	0	26	4	9	Y		2010	
E4S-405_E4S-406	E4S-405	E4S-406	359	6	VCP	C	3	1	3	13	4	5	Y		2010	
E4S-406_E4S-407	E4S-406	E4S-407	112	6	VCP	C	0	0	0	7	4	3	Y		2010	
E4S-407_E4S-409	E4S-407	E4S-409	286	6	VCP	C	0	0	0	21	4	9	Y		2010	

Appendix O - Condition Assessment Rating

PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
E4S-408_E4S-407	E4S-408	E4S-407	77	6	VCP	C	0	0	0	1	1	1	Y		2010	
E4S-410_E4S-411	E4S-410	E4S-411	343	6	VCP	C	0	0	0	26	4	8	Y		2010	
E4S-411_E4S-412	E4S-411	E4S-412	332	6	VCP	C	0	0	0	31	4	12	Y		2010	
E4S-413_E4S-410	E4S-413	E4S-410	90	6	VCP	C	0	0	0	1	1	1	Y		2010	
E4S-414_E4S-401	E4S-414	E4S-401	165	6	VCP	C	1	1	1	2	1	2	Y		2010	
E4S-501_E4S-502	E4S-501	E4S-502	300	6	VCP	C	0	0	0	12	3	7	Y		2010	
E4S-502_E4S-503	E4S-502	E4S-503	301	6	VCP	C	0	0	0	26	4	9	Y	4	2010	
E4S-503_E4S-602	E4S-503	E4S-602	298	6	VCP	C	2	1	2	18	4	9	Y		2010	
E4S-504_E4S-501	E4S-504	E4S-501	288	6	VCP	C	1	1	1	9	4	5	Y		2010	
E4S-601_E4S-603	E4S-601	E4S-603	245	6	VCP	B	4	3	2	12	3	4		3	2010	
E4S-602_E4S-603	E4S-602	E4S-603	306	6	VCP	C	0	0	0	22	4	10	Y		2010	
E4S-603_E4S-301	E4S-603	E4S-301	315	6	VCP	C	0	0	0	12	4	5	Y		2010	
F1S-301_F1S-310	F1S-301	F1S-310	61	6	VCP	C	0	0	0	14	4	4	Y	4	2010	
F1S-302_F1P-301	F1S-302	F1P-301	121	6	VCP	C	0	0	0	12	5	3	Y	4	2009	
F1S-303_F1S-304	F1S-303	F1S-304	127	6	VCP	C	0	0	0	21	5	5	Y	4	2010	
F1S-304_F1S-301	F1S-304	F1S-301	258	6	VCP	C	0	0	0	19	5	5		3	2010	
F1S-306_F1S-302	F1S-306	F1S-302	178	6	VCP	C	0	0	0	10	4	3	Y	4	2009	
F1S-307_F1S-306	F1S-307	F1S-306	140	6	VCP	C	0	0	0	4	4	1		4	2010	
F1S-308_F1S-307	F1S-308	F1S-307	87	6	VCP	C	0	0	0	9	4	3	Y	4	2010	
F1S-309_F1S-308	F1S-309	F1S-308	25	6	VCP	C	0	0	0	14	4	4	Y	4	2010	
F1S-310_E1S-614	F1S-310	E1S-614	173	6	VCP	C	3	3	1	28	5	7	Y	4	2010	
F1S-601_F2S-404	F1S-601	F2S-404	278	6	VCP	C	0	0	0	20	4	6		4	2010	
F2P-101_F2S-106	F2P-101	F2S-106	108	6	VCP	C	0	0	0	10	2	9	Y		2007	
F2P-402_F2S-401	F2P-402	F2S-401	48	6	VCP	C	0	0	0	3	3	1		3	2010	
F2S-101_E2S-413	F2S-101	E2S-413	136	6	VCP	A	10	5	2	16	4	6	Y	3	2010	
F2S-104_F2P-101	F2S-104	F2P-101	22	6	VCP	C	0	0	0	3	2	2	Y		2007	
F2S-106_F1S-309	F2S-106	F1S-309	200	6	VCP	C	0	0	0	31	4	9	Y	4	2010	
F2S-107_F2S-115	F2S-107	F2S-115	265	8	VCP	C	0	0	0	3	3	1	Y		2009	
F2S-108_E2S-412	F2S-108	E2S-412	330	8	VCP	C	0	0	0	3	3	1			2010	
F2S-109_F2S-110	F2S-109	F2S-110	192	6	VCP	C	0	0	0	8	3	3			2010	
F2S-110_F2S-205	F2S-110	F2S-205	352	6	VCP	C	0	0	0	16	4	6	Y	4	2010	
F2S-111_F2S-109	F2S-111	F2S-109	279	6	VCP	C	0	0	0	15	4	6			2010	
F2S-112_F2S-113	F2S-112	F2S-113	164	8	VCP	C	0	0	0	0	0	0			2010	
F2S-113_F2S-108	F2S-113	F2S-108	330	8	VCP	C	0	0	0	21	3	8			2010	
F2S-113_F2S-114	F2S-113	F2S-114	322	6	VCP	C	1	1	1	22	4	8	Y		2010	
F2S-114_E2S-502	F2S-114	E2S-502	366	6	VCP	C	2	2	1	17	4	6	Y		2010	
F2S-115_F2S-112	F2S-115	F2S-112	382	6	VCP	C	0	0	0	0	0	0	Y		2009	C
F2S-201_F2S-208	F2S-201	F2S-208	284	8	VCP	C	0	0	0	11	3	4	Y	3	2009	
F2S-202_F2S-110	F2S-202	F2S-110	352	6	VCP	C	1	1	1	8	4	4	Y		2010	
F2S-203_F2S-204	F2S-203	F2S-204	298	6	VCP	C	0	0	0	6	2	4	Y		2010	
F2S-204_F2S-205	F2S-204	F2S-205	296	6	VCP	C	0	0	0	4	2	2			2010	
F2S-205_F2S-206	F2S-205	F2S-206	351	6	VCP	C	0	0	0	10	5	3		4	2010	
F2S-206_E2S-512	F2S-206	E2S-512	366	6	VCP	C	0	0	0	11	4	3		4	2010	
F2S-207_E2S-512	F2S-207	E2S-512	338	8	VCP	C	0	0	0	20	4	6	Y	4	2009	
F2S-208_F2S-206	F2S-208	F2S-206	358	6	VCP	C	0	0	0	5	3	2	Y	3	2009	
F2S-208_F2S-207	F2S-208	F2S-207	259	8	VCP	C	0	0	0	8	4	3	Y		2009	
F2S-209_F2S-303	F2S-209	F2S-303	192	6	VCP	C	2	1	2	97	4	48	Y	4	2010	

Appendix O - Condition Assessment Rating

PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
F2S-210_F2S-207	F2S-210	F2S-207	204	6	VCP	C	0	0	0	2	2	1			2010	
F2S-301_F2S-304	F2S-301	F2S-304	292	6	VCP	C	0	0	0	50	5	21	Y	3	2010	
F2S-302_F2S-301	F2S-302	F2S-301	63	6	VCP	C	0	0	0	5	3	2		3	2010	
F2S-303_F2S-311	F2S-303	F2S-311	294	6	VCP	C	0	0	0	22	5	8	Y	3	2010	
F2S-304_F2S-305	F2S-304	F2S-305	149	6	VCP	C	0	0	0	26	4	10	Y		2010	
F2S-305_F2S-306	F2S-305	F2S-306	343	6	VCP	C	0	0	0	7	2	4	Y		2010	
F2S-306_E2S-610	F2S-306	E2S-610	343	6	VCP	C	1	1	1	50	4	19	Y	3	2010	
F2S-307_F2S-306	F2S-307	F2S-306	317	6	VCP	C	0	0	0	9	1	9	Y		2010	
F2S-309_F2S-210	F2S-309	F2S-210	199	6	VCP	C	0	0	0	7	4	4	Y		2010	
F2S-309_F2S-308	F2S-309	F2S-308	307	6	VCP	C	0	0	0	27	4	13	Y		2010	
F2S-310_F2S-302	F2S-310	F2S-302	107	6	VCP	C	0	0	0	0	0	0			2010	
F2S-311_F2S-302	F2S-311	F2S-302	243	6	VCP	C	0	0	0	30	4	14	Y	4	2010	
F2S-401_F2S-403	F2S-401	F2S-403	177	6	VCP	C	0	0	0	9	4	3		3	2010	
F2S-402_F2P-402	F2S-402	F2P-402	195	6	VCP	C	0	0	0	2	2	1			2007	
F2S-403_F1S-601	F2S-403	F1S-601	191	6	VCP	C	0	0	0	8	3	4	Y	3	2010	
F2S-405_F2S-409	F2S-405	F2S-409	99	6	VCP	C	0	0	0	2	2	1	Y		2009	
F2S-406_F2S-405	F2S-406	F2S-405	82	6	VCP	C	0	0	0	16	4	6	Y	4	2010	
F2S-407_F2S-406	F2S-407	F2S-406	162	6	VCP	C	0	0	0	43	4	14	Y	4	2010	
F2S-408_F2S-407	F2S-408	F2S-407	109	6	VCP	C	0	0	0	11	3	7	Y		2010	
F2S-409_F2S-106	F2S-409	F2S-106	199	6	VCP	C	0	0	0	10	4	3	Y	4	2009	
F2S-410_F2S-411	F2S-410	F2S-411	136	6	VCP	C	0	0	0	2	2	1			2010	
F2S-411_F2S-413	F2S-411	F2S-413	257	8	VCP	C	0	0	0	0	0	0	Y		2009	
F2S-412_F2S-411	F2S-412	F2S-411	292	8	VCP	C	0	0	0	0	0	0	Y		2009	
F2S-413_F2S-107	F2S-413	F2S-107	264	8	VCP	C	0	0	0	0	0	0	Y		2009	
F2S-414_F2S-415	F2S-414	F2S-415	296	6	VCP	C	1	1	1	6	3	3	Y	3	2010	
F2S-415_F2S-410	F2S-415	F2S-410	310	6	VCP	C	1	1	1	6	4	2	Y		2010	
F2S-501_F2S-502	F2S-501	F2S-502	320	6	VCP	C	1	1	1	8	3	4		3	2010	
F2S-502_F2S-111	F2S-502	F2S-111	301	6	VCP	C	0	0	0	31	4	12	Y	4	2010	
F2S-503_F2S-202	F2S-503	F2S-202	340	6	VCP	C	0	0	0	5	2	3	Y		2010	
F2S-504_F2S-201	F2S-504	F2S-201	383	8	VCP	C	0	0	0	17	4	5	Y	4	2009	
F2S-504_F2S-203	F2S-504	F2S-203	294	6	VCP	C	1	1	1	3	3	1			2010	
F2S-505_F2S-504	F2S-505	F2S-504	240	8	VCP	C	0	0	0	6	3	2	Y	3	2009	
F2S-506_F2S-503	F2S-506	F2S-503	325	6	VCP	C	0	0	0	11	5	6	Y		2010	
F2S-507_F2S-508	F2S-507	F2S-508	36	6	VCP	C	0	0	0	0	0	0			2010	
F2S-508_F2S-412	F2S-508	F2S-412	294	8	VCP	C	0	0	0	0	0	0	Y		2009	
F2S-509_F2S-508	F2S-509	F2S-508	125	8	VCP	C	0	0	0	0	0	0	Y		2009	
F2S-510_F2S-509	F2S-510	F2S-509	232	8	VCP	C	0	0	0	0	0	0	Y		2009	
F2S-511_F2S-513	F2S-511	F2S-513	283	6	VCP	C	2	1	2	8	3	4	Y	3	2010	
F2S-512_F2S-514	F2S-512	F2S-514	270	6	VCP	C	0	0	0	0	0	0			2010	
F2S-513_F2S-516	F2S-513	F2S-516	269	6	VCP	B	7	5	3	43	5	11	Y	3	2010	
F2S-514_F2S-501	F2S-514	F2S-501	309	6	VCP	C	0	0	0	2	2	1			2010	
F2S-515_F2S-506	F2S-515	F2S-506	302	6	VCP	C	1	1	1	0	0	0			2010	
F2S-516_F2S-505	F2S-516	F2S-505	174	8	VCP	C	0	0	0	0	0	0	Y		2009	
F2S-602_F2S-615	F2S-602	F2S-615	277	6	VCP	C	1	1	1	1	1	1			2010	
F2S-603_F2S-602	F2S-603	F2S-602	273	6	VCP	C	0	0	0	0	0	0			2010	
F2S-604_F2S-617	F2S-604	F2S-617	271	6	VCP	C	1	1	1	3	3	1			2010	
F2S-605_F3S-402	F2S-605	F3S-402	323	6	VCP	C	0	0	0	34	4	17	Y		2010	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
F2S-606_F2S-304	F2S-606	F2S-304	327	6	VCP	B	8	2	4	29	3	24	Y		2010	
F2S-607_F2S-608	F2S-607	F2S-608	270	6	VCP	C	0	0	0	39	4	18	Y		2010	
F2S-608_F2S-606	F2S-608	F2S-606	275	6	VCP	C	0	0	0	12	3	8	Y		2010	
F2S-609_F2S-607	F2S-609	F2S-607	273	6	VCP	C	1	1	1	60	4	32	Y		2010	
F2S-610_F2S-303	F2S-610	F2S-303	335	6	VCP	C	1	1	1	37	5	14	Y		2010	
F2S-611_F2S-616	F2S-611	F2S-616	251	6	VCP	C	0	0	0	0	0	0	Y		2009	
F2S-612_F2S-606	F2S-612	F2S-606	53	6	VCP	C	0	0	0	0	0	0	Y		2010	
F2S-613_F2S-614	F2S-613	F2S-614	277	6	VCP	C	0	0	0	3	3	1		3	2010	
F2S-614_F2S-618	F2S-614	F2S-618	274	6	VCP	C	1	1	1	5	2	3	Y		2010	
F2S-615_F2S-618	F2S-615	F2S-618	350	8	VCP	C	0	0	0	0	0	0	Y		2009	
F2S-616_F2S-615	F2S-616	F2S-615	174	8	VCP	C	0	0	0	3	3	1	Y		2009	
F2S-617_F2S-616	F2S-617	F2S-616	281	6	VCP	C	0	0	0	4	2	2	Y		2010	
F2S-618_F2S-516	F2S-618	F2S-516	350	8	VCP	C	0	0	0	41	5	11	Y	4	2009	
F3S-101_F3S-109	F3S-101	F3S-109	252	6	VCP	C	0	0	0	0	0	0			2007	
F3S-102_E3S-409	F3S-102	E3S-409	342	6	VCP	C	2	2	1	0	0	0			2007	
F3S-103_F3S-107	F3S-103	F3S-107	236	6	VCP	C	0	0	0	8	2	4	Y		2007	
F3S-104_F3S-102	F3S-104	F3S-102	164	6	VCP	C	0	0	0	0	0	0			2007	
F3S-105_F3S-103	F3S-105	F3S-103	374	6	VCP	C	3	3	1	8	2	4	Y		2007	
F3S-106_F3S-108	F3S-106	F3S-108	353	6	VCP	C	0	0	0	6	2	3	Y		2007	
F3S-107_F2S-305	F3S-107	F2S-305	228	6	VCP	C	0	0	0	10	2	5	Y		2007	
F3S-108_F3S-212	F3S-108	F3S-212	275	6	VCP	C	0	0	0	67	4	22	Y		2009	
F3S-109_F2S-306	F3S-109	F2S-306	303	6	VCP	C	0	0	0	0	0	0			2007	
F3S-201_F3S-507	F3S-201	F3S-507	230	6	VCP	C	1	1	1	4	2	2			2007	
F3S-202_E3S-503	F3S-202	E3S-503	313	6	VCP	C	0	0	0	4	2	2	Y		2007	
F3S-203_F3S-204	F3S-203	F3S-204	64	6	VCP	C	0	0	0	0	0	0			2010	
F3S-204_F3S-205	F3S-204	F3S-205	44	6	VCP	C	0	0	0	0	0	0			2010	
F3S-205_F3S-206	F3S-205	F3S-206	41	6	VCP	C	0	0	0	0	0	0			2010	
F3S-206_F3S-207	F3S-206	F3S-207	52	6	VCP	C	0	0	0	0	0	0			2010	
F3S-207_F3S-208	F3S-207	F3S-208	383	6	VCP	C	0	0	0	10	3	6	Y		2010	
F3S-208_E3S-610	F3S-208	E3S-610	327	6	VCP	C	0	0	0	16	3	6	Y		2009	
F3S-210_F3S-209	F3S-210	F3S-209	159	6	VCP	C	0	0	0	0	0	0			2007	
F3S-211_F3S-217	F3S-211	F3S-217	304	6	VCP	C	0	0	0	0	0	0			2007	
F3S-212_F3S-213	F3S-212	F3S-213	281	6	VCP	B	4	4	1	50	4	19	Y		2009	
F3S-213_F3S-211	F3S-213	F3S-211	271	6	VCP	C	0	0	0	37	4	12	Y		2009	
F3S-214_F3S-209	F3S-214	F3S-209	362	6	VCP	C	0	0	0	1	1	1	Y		2007	
F3S-215_F3S-514	F3S-215	F3S-514	326	6	VCP	B	5	5	1	2	1	2	Y		2007	
F3S-216_F3S-217	F3S-216	F3S-217	267	6	VCP	A	15	3	6	2	2	1	Y		2007	
F3S-217_F3S-208	F3S-217	F3S-208	375	6	VCP	C	0	0	0	120	5	40	Y		2009	
F3S-218_F3S-302	F3S-218	F3S-302	348	6	VCP	C	1	1	1	0	0	0			2007	
F3S-219_F3S-211	F3S-219	F3S-211	324	6	VCP	C	0	0	0	0	0	0			2007	
F3S-301_F3S-303	F3S-301	F3S-303	379	6	VCP	C	0	0	0	10	1	2	Y		2007	
F3S-302_F3S-301	F3S-302	F3S-301	81	6	VCP	C	0	0	0	5	3	2	Y		2007	
F3S-303_E3S-611	F3S-303	E3S-611	291	8	VCP	C	0	0	0	34	4	11	Y	4	2009	
F3S-305_F3S-307	F3S-305	F3S-307	232	8	VCP	C	0	0	0	181	4	59	Y	4	2009	
F3S-306_F4S-111	F3S-306	F4S-111	310	6	VCP	C	0	0	0	3	1	3	Y		2007	
F3S-307_F3S-311	F3S-307	F3S-311	266	8	VCP	C	0	0	0	23	4	8	Y	3	2009	
F3S-308_F3S-307	F3S-308	F3S-307	343	6	VCP	C	0	0	0	9	3	4	Y		2007	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
F3S-309_F3S-308	F3S-309	F3S-308	373	6	VCP	C	0	0	0	10	3	6	Y		2007	
F3S-310_F3S-311	F3S-310	F3S-311	305	6	VCP	C	0	0	0	48	4	15	Y		2009	
F3S-311_F3S-303	F3S-311	F3S-303	270	8	VCP	C	0	0	0	28	3	10	Y	3	2009	
F3S-312_F3S-313	F3S-312	F3S-313	92	6	VCP	C	0	0	0	0	0	0			2007	
F3S-313_F4S-112	F3S-313	F4S-112	309	6	VCP	C	0	0	0	4	2	2			2007	
F3S-314_F4S-105	F3S-314	F4S-105	352	6	VCP	C	2	2	1	2	2	1	Y		2007	
F3S-401_F3S-414	F3S-401	F3S-414	372	6	VCP	C	0	0	0	2	2	1	Y		2007	
F3S-402_F3S-403	F3S-402	F3S-403	167	6	VCP	C	3	3	1	2	2	1	Y		2007	
F3S-404_F3S-405	F3S-404	F3S-405	255	6	VCP	C	0	0	0	2	2	1	Y		2007	C
F3S-405_F3S-406	F3S-405	F3S-406	256	6	VCP	C	0	0	0	58	3	5	Y		2007	
F3S-406_F3S-407	F3S-406	F3S-407	119	6	VCP	C	0	0	0	4	4	1	Y		2007	
F3S-411_F3S-412	F3S-411	F3S-412	269	6	VCP	B	4	2	2	0	0	0			2007	
F3S-412_F3S-413	F3S-412	F3S-413	274	6	VCP	B	6	2	3	0	0	0			2007	
F3S-413_F3S-414	F3S-413	F3S-414	73	6	VCP	C	0	0	0	0	0	0			2007	
F3S-414_F3S-415	F3S-414	F3S-415	363	6	VCP	C	0	0	0	0	0	0			2007	
F3S-415_F3S-506	F3S-415	F3S-506	301	6	VCP	C	0	0	0	6	2	3	Y		2007	
F3S-416_F3S-417	F3S-416	F3S-417	215	6	VCP	C	0	0	0	2	2	1	Y		2007	
F3S-417_F2S-612	F3S-417	F2S-612	227	6	VCP	C	0	0	0	2	2	1	Y		2007	
F3S-418_F3S-508	F3S-418	F3S-508	211	6	VCP	C	0	0	0	7	3	3	Y		2007	
F3S-501_F3S-505	F3S-501	F3S-505	292	6	VCP	C	0	0	0	4	4	2	Y		2007	
F3S-502_F3S-603	F3S-502	F3S-603	258	6	VCP	C	0	0	0	27	3	6	Y		2007	
F3S-503_F3S-502	F3S-503	F3S-502	224	6	VCP	C	0	0	0	3	2	2	Y		2007	
F3S-504_F3S-503	F3S-504	F3S-503	115	6	VCP	C	0	0	0	0	0	0			2007	
F3S-505_F3S-604	F3S-505	F3S-604	298	6	VCP	C	0	0	0	1	1	1	Y		2007	
F3S-506_F3S-507	F3S-506	F3S-507	101	6	VCP	C	2	2	1	0	0	0			2007	
F3S-507_F3S-219	F3S-507	F3S-219	213	6	VCP	C	0	0	0	2	2	1	Y		2007	
F3S-508_F3S-509	F3S-508	F3S-509	342	6	VCP	C	0	0	0	9	3	5	Y		2007	
F3S-509_F3S-503	F3S-509	F3S-503	329	6	VCP	C	0	0	0	7	2	4	Y		2007	
F3S-510_F3S-509	F3S-510	F3S-509	70	6	VCP	C	0	0	0	12	4	4	Y		2007	
F3S-511_F3S-512	F3S-511	F3S-512	297	6	VCP	C	0	0	0	8	2	4	Y		2007	
F3S-512_F3S-501	F3S-512	F3S-501	296	6	VCP	C	0	0	0	27	3	5	Y		2007	
F3S-513_F3S-610	F3S-513	F3S-610	336	6	VCP	C	0	0	0	2	2	1	Y		2007	
F3S-514_F3S-513	F3S-514	F3S-513	153	6	VCP	C	0	0	0	0	0	0			2007	
F3S-601_F3S-605	F3S-601	F3S-605	326	6	VCP	C	0	0	0	56	5	17	Y	4	2009	
F3S-602_F4S-408	F3S-602	F4S-408	231	6	VCP	C	0	0	0	6	2	3	Y		2007	
F3S-603_F3S-601	F3S-603	F3S-601	345	6	VCP	C	3	3	1	44	4	15	Y		2009	
F3S-604_F3S-605	F3S-604	F3S-605	309	6	VCP	C	0	0	0	8	2	5	Y		2007	
F3S-605_F3S-608	F3S-605	F3S-608	336	8	VCP	C	0	0	0	25	4	9	Y	3	2009	
F3S-606_F3S-607	F3S-606	F3S-607	193	6	VCP	C	0	0	0	2	1	2	Y		2007	
F3S-607_F4S-411	F3S-607	F4S-411	342	6	VCP	C	0	0	0	16	2	9	Y		2007	
F3S-608_F3S-305	F3S-608	F3S-305	248	8	VCP	C	0	0	0	26	4	8	Y	4	2009	
F3S-609_F4S-401	F3S-609	F4S-401	301	6	VCP	C	0	0	0	12	2	6	Y		2007	
F3S-610_F3S-608	F3S-610	F3S-608	343	6	VCP	C	0	0	0	2	2	1	Y		2007	
F4S-101_F4S-104	F4S-101	F4S-104	264	6	VCP	C	0	0	0	3	3	1	Y		2007	
F4S-102_F4S-101	F4S-102	F4S-101	113	6	VCP	C	0	0	0	29	4	16	Y		2007	
F4S-104_F4S-103	F4S-104	F4S-103	269	6	VCP	C	2	2	1	0	0	0			2007	
F4S-105_F4S-102	F4S-105	F4S-102	158	6	VCP	C	2	2	1	0	0	0			2007	

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PIPE ID	USWH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
F4S-109_F4S-110	F4S-109	F4S-110	152	6	VCP	C	0	0	0	11	2	8	Y		2007	
F4S-110_F4S-108	F4S-110	F4S-108	352	6	VCP	B	4	2	2	0	0	0			2007	
F4S-111_F4S-109	F4S-111	F4S-109	350	6	VCP	C	0	0	0	12	2	9	Y		2007	
F4S-112_F4S-113	F4S-112	F4S-113	104	6	VCP	C	0	0	0	17	3	7	Y		2007	
F4S-113_F4S-114	F4S-113	F4S-114	51	6	VCP	C	0	0	0	0	0	0			2007	
F4S-114_F4S-115	F4S-114	F4S-115	225	6	VCP	C	0	0	0	3	2	2	Y		2007	
F4S-115_F4S-106	F4S-115	F4S-106	292	6	VCP	C	0	0	0	18	4	9	Y	3	2007	
F4S-201_F4S-103	F4S-201	F4S-103	199	6	VCP	C	0	0	0	5	3	2	Y	3	2009	
F4S-202_F4S-203	F4S-202	F4S-203	174	6	VCP	C	0	0	0	8	4	3		4	2007	
F4S-203_F4S-201	F4S-203	F4S-201	344	6	VCP	C	1	1	1	58	5	20	Y	4	2009	
F4S-204_F4S-106	F4S-204	F4S-106	185	6	VCP	C	2	2	1	8	2	4	Y		2007	
F4S-205_F4S-107	F4S-205	F4S-107	176	6	VCP	C	0	0	0	10	1	10	Y		2007	
F4S-206_F4S-207	F4S-206	F4S-207	256	6	VCP	C	0	0	0	14	2	7	Y		2007	
F4S-207_F4S-208	F4S-207	F4S-208	164	6	VCP	C	0	0	0	8	1	8	Y		2008	
F4S-208_F4S-209	F4S-208	F4S-209	228	6	VCP	C	0	0	0	0	0	0			2007	
F4S-209_F4S-202	F4S-209	F4S-202	214	6	VCP	C	0	0	0	4	2	2			2007	
F4S-210_F4S-209	F4S-210	F4S-209	237	6	VCP	C	0	0	0	0	0	0			2007	
F4S-401_F4S-402	F4S-401	F4S-402	308	6	VCP	C	0	0	0	0	0	0			2007	
F4S-402_F4S-403	F4S-402	F4S-403	310	6	VCP	C	0	0	0	44	2	7	Y		2007	
F4S-403_F4S-410	F4S-403	F4S-410	240	6	VCP	C	2	2	1	4	2	2			2007	
F4S-406_F4S-407	F4S-406	F4S-407	288	6	VCP	C	0	0	0	10	1	3	Y		2007	
F4S-407_F4S-404	F4S-407	F4S-404	274	6	VCP	C	0	0	0	2	1	2	Y		2007	
F4S-408_F4S-406	F4S-408	F4S-406	263	6	VCP	C	3	3	1	25	3	13	Y		2007	
F4S-411_F4S-404	F4S-411	F4S-404	357	6	VCP	C	2	2	1	11	2	6	Y		2007	
G2S-102_G2S-113	G2S-102	G2S-113	190	6	VCP	C	0	0	0	0	0	0			2007	
G2S-103_G2S-104	G2S-103	G2S-104	265	6	VCP	B	5	5	1	6	3	3	Y		2009	
G2S-105_G2S-101	G2S-105	G2S-101	55	6	VCP	C	0	0	0	0	0	0			2008	
G2S-106_G2S-101	G2S-106	G2S-101	196	6	VCP	C	0	0	0	0	0	0			2008	
G2S-107_G2S-106	G2S-107	G2S-106	83	6	VCP	B	6	3	2	2	2	1	Y		2009	
G2S-108_G2S-109	G2S-108	G2S-109	126	6	VCP	B	9	5	5	22	4	11	Y		2007	
G2S-110_G2S-111	G2S-110	G2S-111	94	6	VCP	C	0	0	0	0	0	0			2008	
G2S-111_F2P-402	G2S-111	F2P-402	102	6	VCP	C	0	0	0	0	0	0			2008	
G2S-112_G2S-102	G2S-112	G2S-102	184	6	VCP	C	0	0	0	2	2	2	Y		2007	
G2S-113_G2S-114	G2S-113	G2S-114	174	6	VCP	C	0	0	0	0	0	0			2007	
G2S-114_G2S-115	G2S-114	G2S-115	309	6	VCP	C	0	0	0	2	2	2	Y		2007	
G2S-115_F2S-414	G2S-115	F2S-414	311	6	VCP	C	0	0	0	0	0	0			2007	
G2S-118_G2S-109	G2S-118	G2S-109	130	6	VCP	C	0	0	0	24	5	8	Y	4	2009	
G2S-201_G2S-202	G2S-201	G2S-202	86	6	VCP	C	0	0	0	0	0	0			2007	
G2S-202_G2S-203	G2S-202	G2S-203	336	6	VCP	C	0	0	0	0	0	0			2007	
G2S-203_G2S-204	G2S-203	G2S-204	337	6	VCP	C	0	0	0	4	2	2	Y		2007	
G2S-204_G2S-205	G2S-204	G2S-205	123	8	VCP	C	0	0	0	0	0	0			2007	
G2S-205_F2S-510	G2S-205	F2S-510	297	8	VCP	C	0	0	0	0	0	0	Y		2009	
G2S-206_G2S-210	G2S-206	G2S-210	294	6	VCP	C	0	0	0	12	4	4	Y		2009	
G2S-207_G2S-114	G2S-207	G2S-114	365	6	VCP	C	0	0	0	0	0	0			2007	
G2S-208_G2S-206	G2S-208	G2S-206	293	6	VCP	C	0	0	0	0	0	0			2007	
G2S-209_G2S-208	G2S-209	G2S-208	291	6	VCP	C	0	0	0	2	2	2	Y		2007	
G2S-210_F2S-507	G2S-210	F2S-507	302	6	VCP	C	0	0	0	0	0	0	Y		2009	



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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
G2S-211_F2S-511	G2S-211	F2S-511	299	6	VCP	C	3	3	1	2	2	1	Y		2007	
G2S-300_G2S-209	G2S-300	G2S-209	292	6	VCP	C	0	0	0	0	0	0			2007	
G2S-301_G2S-302	G2S-301	G2S-302	235	6	VCP	C	0	0	0	0	0	0			2007	
G2S-302_G2S-201	G2S-302	G2S-201	246	6	VCP	C	0	0	0	0	0	0			2007	
G2S-303_G2S-309	G2S-303	G2S-309	267	6	VCP	C	3	3	1	6	2	3	Y		2007	
G2S-304_G2S-307	G2S-304	G2S-307	291	6	VCP	C	0	0	0	8	2	4			2007	
G2S-306_F2S-603	G2S-306	F2S-603	253	6	VCP	C	0	0	0	4	2	2	Y		2007	
G2S-307_F2S-613	G2S-307	F2S-613	291	6	VCP	C	0	0	0	0	0	0			2007	
G2S-308_G2S-306	G2S-308	G2S-306	248	6	VCP	C	0	0	0	2	2	1	Y		2007	
G2S-309_G2S-310	G2S-309	G2S-310	300	6	VCP	C	0	0	0	4	2	2	Y		2007	
G2S-310_G2S-304	G2S-310	G2S-304	156	6	VCP	C	0	0	0	0	0	0			2007	
G2S-311_G2S-314	G2S-311	G2S-314	379	6	VCP	C	0	0	0	4	2	2	Y		2007	
G2S-312_G3S-109	G2S-312	G3S-109	354	6	VCP	C	0	0	0	15	2	8	Y		2007	
G2S-314_G3S-101	G2S-314	G3S-101	290	6	VCP	C	0	0	0	6	2	3	Y		2007	
G2S-315_G2S-305	G2S-315	G2S-305	65	6	VCP	C	0	0	0	0	0	0			2007	
G2S-402_G2S-401	G2S-402	G2S-401	122	6	VCP	C	0	0	0	0	0	0			2007	
G2S-405_G2S-512	G2S-405	G2S-512	370	6	VCP	A	14	2	11	45	4	13	Y	4	2009	
G2S-406_G2S-405	G2S-406	G2S-405	69	6	VCP	C	0	0	0	0	0	0			2007	
G2S-502_G2S-503	G2S-502	G2S-503	93	6	VCP	C	0	0	0	0	0	0			2007	
G2S-503_G2S-601	G2S-503	G2S-601	79	6	VCP	C	0	0	0	0	0	0			2007	
G2S-504_G2S-604	G2S-504	G2S-604	317	6	VCP	C	0	0	0	0	0	0			2007	
G2S-505_G2S-506	G2S-505	G2S-506	271	6	VCP	C	0	0	0	0	0	0			2007	
G2S-506_G2S-511	G2S-506	G2S-511	274	6	VCP	C	0	0	0	0	0	0			2007	
G2S-507_G2S-504	G2S-507	G2S-504	349	6	VCP	C	0	0	0	0	0	0			2007	
G2S-508_G2S-517	G2S-508	G2S-517	284	6	VCP	C	0	0	0	0	0	0			2007	
G2S-509_G2S-507	G2S-509	G2S-507	308	6	VCP	C	0	0	0	0	0	0			2007	
G2S-510_G2S-403	G2S-510	G2S-403	107	6	VCP	C	1	1	1	12	2	6			2007	C
G2S-511_G2S-512	G2S-511	G2S-512	282	6	VCP	C	0	0	0	0	0	0			2007	
G2S-512_G2S-501	G2S-512	G2S-501	127	6	VCP	C	0	0	0	7	4	2	Y	4	2009	
G2S-513_G2S-515	G2S-513	G2S-515	228	6	VCP	C	0	0	0	0	0	0			2007	
G2S-515_G2S-112	G2S-515	G2S-112	408	6	VCP	C	0	0	0	0	0	0			2007	
G2S-516_G2S-207	G2S-516	G2S-207	304	6	VCP	C	0	0	0	0	0	0			2007	
G2S-517_G2S-516	G2S-517	G2S-516	295	6	VCP	C	0	0	0	0	0	0			2007	
G2S-601_G2S-300	G2S-601	G2S-300	297	6	VCP	C	0	0	0	0	0	0			2007	
G2S-602_G2S-603	G2S-602	G2S-603	75	6	VCP	C	0	0	0	0	0	0			2007	
G2S-603_G2S-301	G2S-603	G2S-301	248	6	VCP	C	0	0	0	0	0	0			2007	
G2S-604_G2S-601	G2S-604	G2S-601	187	6	VCP	C	0	0	0	0	0	0			2007	
G2S-605_G2S-624	G2S-605	G2S-624	270	12	VCP	C	0	0	0	8	4	2		4	2007	
G2S-606_G2S-607	G2S-606	G2S-607	143	6	VCP	C	0	0	0	0	0	0			2007	
G2S-606_G2S-608	G2S-606	G2S-608	170	6	VCP	C	0	0	0	0	0	0			2007	
G2S-607_G2S-504	G2S-607	G2S-504	128	6	VCP	C	0	0	0	0	0	0			2007	
G2S-608_G2S-609	G2S-608	G2S-609	252	6	VCP	C	0	0	0	0	0	0			2007	
G2S-609_G2S-625	G2S-609	G2S-625	299	6	VCP	C	0	0	0	0	0	0			2007	
G2S-610_G2S-611	G2S-610	G2S-611	145	6	VCP	C	0	0	0	0	0	0			2007	
G2S-611_G2S-612	G2S-611	G2S-612	131	6	VCP	C	2	1	2	1	1	1	Y		2009	
G2S-612_G2S-613	G2S-612	G2S-613	141	6	VCP	C	1	1	1	0	0	0	Y		2009	
G2S-613_G3S-115	G2S-613	G3S-115	166	6	VCP	C	0	0	0	0	0	0			2007	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
G2S-614_G3S-115	G2S-614	G3S-115	124	6	VCP	C	3	1	3	0	0	0	Y		2009	
G2S-615_G2S-614	G2S-615	G2S-614	172	6	VCP	B	6	3	2	8	3	4	Y		2009	
G2S-616_H2S-303	G2S-616	H2S-303	115	6	VCP	C	3	3	1	2	2	1	Y		2009	
G2S-618_G2S-615	G2S-618	G2S-615	118	6	VCP	C	0	0	0	2	2	1	Y		2007	
G2S-619_G3S-119	G2S-619	G3S-119	151	6	VCP	C	0	0	0	0	0	0			2007	
G2S-620_G2S-621	G2S-620	G2S-621	151	6	VCP	C	0	0	0	14	1	14	Y		2009	
G2S-621_G2S-606	G2S-621	G2S-606	169	8	VCP	C	0	0	0	16	2	5			2007	
G2S-622_G2S-623	G2S-622	G2S-623	132	8	VCP	C	0	0	0	36	2	17			2007	
G2S-623_G2S-621	G2S-623	G2S-621	137	8	VCP	C	0	0	0	6	2	3			2007	
G2S-624_H2S-302	G2S-624	H2S-302	326	12	VCP	C	0	0	0	0	0	0			2007	
G2S-625_G2S-301	G2S-625	G2S-301	307	6	VCP	C	0	0	0	4	2	2	Y		2007	
G2S-627_G2S-617	G2S-627	G2S-617	263	6	VCP	B	6	3	2	13	4	4	Y	4	2009	
G3S-101_G3S-109	G3S-101	G3S-109	161	6	VCP	C	0	0	0	0	0	0			2007	
G3S-102_G3S-111	G3S-102	G3S-111	309	6	VCP	C	2	2	1	0	0	0			2007	
G3S-103_G3S-108	G3S-103	G3S-108	149	6	VCP	B	6	4	2	29	4	13	Y		2009	
G3S-104_G3S-201	G3S-104	G3S-201	216	6	VCP	C	0	0	0	9	3	4	Y		2007	
G3S-105_G3S-108	G3S-105	G3S-108	168	6	VCP	B	6	4	2	1	1	1	Y		2009	
G3S-106_F3S-401	G3S-106	F3S-401	403	6	VCP	C	0	0	0	6	2	3	Y		2007	
G3S-107_G3S-118	G3S-107	G3S-118	219	6	VCP	C	0	0	0	0	0	0			2007	
G3S-108_G3S-107	G3S-108	G3S-107	47	6	VCP	C	0	0	0	5	3	3	Y		2007	
G3S-109_G3S-106	G3S-109	G3S-106	212	6	VCP	C	0	0	0	8	2	4	Y		2007	
G3S-110_G3S-116	G3S-110	G3S-116	280	6	VCP	C	0	0	0	2	2	1	Y		2007	
G3S-111_G3S-110	G3S-111	G3S-110	285	6	VCP	C	0	0	0	0	0	0			2007	
G3S-112_G3S-117	G3S-112	G3S-117	148	6	VCP	C	0	0	0	0	0	0	Y		2009	
G3S-114_H3S-101	G3S-114	H3S-101	335	6	VCP	C	0	0	0	0	0	0			2007	
G3S-115_G3S-113	G3S-115	G3S-113	297	6	VCP	C	0	0	0	0	0	0			2007	
G3S-116_G3S-211	G3S-116	G3S-211	284	6	VCP	C	0	0	0	0	0	0			2007	
G3S-117_G3S-114	G3S-117	G3S-114	127	6	VCP	C	0	0	0	6	2	3			2007	
G3S-118_G3S-104	G3S-118	G3S-104	157	6	VCP	C	0	0	0	0	0	0			2007	
G3S-119_G3S-102	G3S-119	G3S-102	113	6	VCP	C	0	0	0	0	0	0			2007	
G3S-201_G3S-202	G3S-201	G3S-202	219	6	VCP	C	0	0	0	2	2	1	Y		2007	
G3S-202_G3S-203	G3S-202	G3S-203	287	6	VCP	C	0	0	0	0	0	0			2007	
G3S-203_G3S-204	G3S-203	G3S-204	279	6	VCP	C	1	1	1	9	2	6	Y		2007	
G3S-204_G3S-311	G3S-204	G3S-311	290	6	VCP	C	3	3	1	2	2	1	Y		2007	
G3S-205_G3S-201	G3S-205	G3S-201	257	6	VCP	C	0	0	0	4	2	3	Y		2007	
G3S-206_G3S-207	G3S-206	G3S-207	297	6	VCP	C	0	0	0	7	4	2	Y		2007	
G3S-207_G3S-208	G3S-207	G3S-208	304	6	VCP	C	0	0	0	17	2	11	Y		2007	
G3S-208_G3S-307	G3S-208	G3S-307	305	6	VCP	C	0	0	0	3	2	4	Y		2007	
G3S-209_G3S-210	G3S-209	G3S-210	178	6	VCP	C	0	0	0	4	2	2	Y		2007	
G3S-211_G3S-501	G3S-211	G3S-501	282	6	VCP	C	0	0	0	4	2	2			2007	
G3S-301_G3S-302	G3S-301	G3S-302	200	6	VCP	C	0	0	0	2	2	1	Y		2007	
G3S-302_F3S-601	G3S-302	F3S-601	312	6	VCP	C	0	0	0	80	3	28	Y	3	2009	
G3S-303_G4S-101	G3S-303	G4S-101	248	6	VCP	C	0	0	0	0	0	0			2007	
G3S-304_G3S-307	G3S-304	G3S-307	302	6	VCP	C	0	0	0	8	2	5	Y		2007	
G3S-305_G3S-306	G3S-305	G3S-306	334	6	VCP	C	0	0	0	2	2	2	Y		2007	
G3S-306_G4S-110	G3S-306	G4S-110	348	6	VCP	C	0	0	0	0	0	0			2007	
G3S-307_G3S-311	G3S-307	G3S-311	300	6	VCP	C	0	0	0	6	4	2	Y	4	2007	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
G3S-308_G3S-309	G3S-308	G3S-309	336	6	VCP	C	0	0	0	1	1	1	Y		2007	
G3S-310_G3S-304	G3S-310	G3S-304	235	6	VCP	C	0	0	0	2	2	1	Y		2007	
G3S-311_G3S-301	G3S-311	G3S-301	205	6	VCP	C	0	0	0	10	3	4		3	2007	
G3S-501_H3S-204	G3S-501	H3S-204	338	6	VCP	C	0	0	0	113	4	37	Y	4	2009	
G3S-502_G3S-503	G3S-502	G3S-503	243	6	VCP	C	0	0	0	15	3	9	Y		2007	
G3S-503_G3S-506	G3S-503	G3S-506	342	6	VCP	C	0	0	0	3	2	2	Y		2007	
G3S-504_G3S-503	G3S-504	G3S-503	155	6	VCP	C	0	0	0	0	0	0			2007	
G3S-505_G3S-504	G3S-505	G3S-504	119	6	VCP	C	0	0	0	0	0	0			2007	
G3S-506_G3S-508	G3S-506	G3S-508	211	6	VCP	C	0	0	0	0	0	0			2007	
G3S-507_G3S-506	G3S-507	G3S-506	308	6	VCP	C	0	0	0	0	0	0			2007	
G3S-508_G3S-601	G3S-508	G3S-601	212	6	VCP	C	0	0	0	0	0	0			2007	
G3S-509_G3S-502	G3S-509	G3S-502	228	6	VCP	C	0	0	0	7	3	3	Y		2007	
G3S-510_G3S-511	G3S-510	G3S-511	364	6	VCP	C	0	0	0	3	2	2	Y		2007	
G3S-511_G3S-603	G3S-511	G3S-603	272	6	VCP	C	2	2	1	0	0	0			2007	
G3S-512_G3S-606	G3S-512	G3S-606	259	6	VCP	C	0	0	0	14	3	7	Y		2007	
G3S-601_G3S-310	G3S-601	G3S-310	237	6	VCP	B	6	2	3	14	2	8	Y		2007	
G3S-602_G3S-601	G3S-602	G3S-601	251	6	VCP	C	3	2	2	1	1	1	Y		2007	
G3S-603_G3S-602	G3S-603	G3S-602	228	6	VCP	C	0	0	0	1	1	1	Y		2007	
G3S-604_G3S-603	G3S-604	G3S-603	146	6	VCP	C	0	0	0	0	0	0			2007	
G3S-605_G3S-608	G3S-605	G3S-608	62	6	VCP	C	0	0	0	0	0	0			2007	
G3S-606_G3S-607	G3S-606	G3S-607	109	6	VCP	C	0	0	0	0	0	0			2007	
G3S-607_G3S-608	G3S-607	G3S-608	46	6	VCP	C	0	0	0	2	2	1	Y		2007	
G3S-608_G3S-610	G3S-608	G3S-610	194	6	VCP	C	0	0	0	0	0	0			2007	
G3S-609_G3S-611	G3S-609	G3S-611	244	6	VCP	C	0	0	0	0	0	0			2007	
G3S-610_G3S-609	G3S-610	G3S-609	193	6	VCP	C	0	0	0	0	0	0			2007	
G3S-612_G3S-613	G3S-612	G3S-613	249	6	VCP	C	0	0	0	11	3	5	Y		2007	
G3S-613_G3S-615	G3S-613	G3S-615	298	6	VCP	C	1	1	1	4	4	2	Y		2007	
G3S-614_G3S-615	G3S-614	G3S-615	277	6	VCP	C	0	0	0	4	4	1	Y		2007	
G3S-615_G4S-413	G3S-615	G4S-413	300	6	VCP	C	0	0	0	0	0	0			2007	
G3S-616_G3S-612	G3S-616	G3S-612	251	6	VCP	C	0	0	0	0	0	0			2007	
G3S-617_G3S-614	G3S-617	G3S-614	262	6	VCP	C	3	3	1	6	3	2	Y		2007	
G4S-101_G4S-102	G4S-101	G4S-102	260	6	VCP	B	4	2	2	0	0	0			2007	
G4S-103_G4S-106	G4S-103	G4S-106	314	6	VCP	C	3	2	2	11	3	6	Y	3	2007	
G4S-104_G4S-105	G4S-104	G4S-105	293	6	VCP	C	0	0	0	33	4	9	Y	4	2009	
G4S-107_G4S-108	G4S-107	G4S-108	200	6	VCP	C	0	0	0	64	4	21	Y	3	2009	
G4S-108_G4S-111	G4S-108	G4S-111	149	6	VCP	C	0	0	0	53	4	16	Y	4	2009	
G4S-109_G4S-107	G4S-109	G4S-107	192	6	VCP	C	0	0	0	4	4	1	Y		2007	
G4S-110_G4S-111	G4S-110	G4S-111	169	6	VCP	C	0	0	0	0	0	0			2007	
G4S-111_G4S-113	G4S-111	G4S-113	143	6	VCP	C	0	0	0	0	0	0			2007	
G4S-112_G4S-104	G4S-112	G4S-104	291	6	VCP	C	0	0	0	10	3	4	Y	3	2009	
G4S-113_G4S-112	G4S-113	G4S-112	288	6	VCP	C	0	0	0	6	2	3	Y		2007	
G4S-114_G4S-110	G4S-114	G4S-110	250	6	VCP	C	0	0	0	0	0	0			2007	
G4S-115_G4S-116	G4S-115	G4S-116	120	6	VCP	C	0	0	0	5	3	2	Y		2009	
G4S-116_G4S-117	G4S-116	G4S-117	70	6	VCP	C	0	0	0	16	3	6	Y		2009	
G4S-117_G4S-118	G4S-117	G4S-118	295	6	VCP	C	3	2	2	48	5	15	Y	4	2009	
G4S-401_G4S-413	G4S-401	G4S-413	127	6	VCP	C	0	0	0	0	0	0			2007	
G4S-402_G4S-109	G4S-402	G4S-109	297	6	VCP	C	0	0	0	7	4	3	Y	4	2007	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
G4S-403_G4S-402	G4S-403	G4S-402	71	6	VCP	C	0	0	0	0	0	0			2007	
G4S-404_G4S-414	G4S-404	G4S-414	349	6	VCP	C	1	1	1	34	3	10	Y		2007	
G4S-405_G4S-412	G4S-405	G4S-412	269	6	VCP	C	0	0	0	4	2	3	Y		2007	
G4S-406_G4S-407	G4S-406	G4S-407	213	6	VCP	C	0	0	0	0	0	0			2007	
G4S-411_G4S-413	G4S-411	G4S-413	269	6	VCP	C	0	0	0	38	4	12	Y	4	2009	
G4S-412_G4S-411	G4S-412	G4S-411	269	6	VCP	C	0	0	0	6	2	3			2007	
G4S-413_G4S-114	G4S-413	G4S-114	209	6	VCP	C	0	0	0	2	2	1			2007	
G4S-415_G4S-416	G4S-415	G4S-416	234	6	VCP	C	0	0	0	74	2	22	Y		2007	
G4S-416_G4S-403	G4S-416	G4S-403	228	6	VCP	C	0	0	0	42	2	19			2007	
H2S-101_H2S-408	H2S-101	H2S-408	197	6	VCP	C	1	1	1	0	0	0			2007	
H2S-102_H2S-106	H2S-102	H2S-106	173	6	VCP	B	4	2	3	2	2	1	Y		2009	
H2S-103_H2S-104	H2S-103	H2S-104	220	6	VCP	C	1	1	1	0	0	0	Y		2009	
H2S-104_H2S-105	H2S-104	H2S-105	132	6	VCP	C	1	1	1	0	0	0	Y		2009	
H2S-105_G2S-406	H2S-105	G2S-406	215	6	VCP	A	16	5	13	86	4	38		4	2007	
H2S-106_H2S-104	H2S-106	H2S-104	256	6	VCP	B	4	2	3	30	4	9	Y	4	2009	
H2S-201_H2S-101	H2S-201	H2S-101	308	6	VCP	C	1	1	1	4	2	2			2007	
H2S-202_H2S-206	H2S-202	H2S-206	122	6	VCP	C	0	0	0	4	4	1	Y		2007	
H2S-203_H2S-204	H2S-203	H2S-204	97	6	VCP	C	0	0	0	12	2	6			2007	
H2S-204_H2S-205	H2S-204	H2S-205	355	6	VCP	B	9	5	4	2	2	1			2007	
H2S-205_H2S-207	H2S-205	H2S-207	32	6	VCP	C	0	0	0	2	2	1	Y		2007	
H2S-206_H2S-308	H2S-206	H2S-308	282	6	VCP	C	0	0	0	2	2	1			2007	
H2S-207_H2S-208	H2S-207	H2S-208	277	12	VCP	C	0	0	0	214	4	2			2007	
H2S-208_H2S-209	H2S-208	H2S-209	247	12	VCP	C	0	0	0	195	4	3	Y		2007	
H2S-209_H2S-210	H2S-209	H2S-210	314	12	VCP	C	0	0	0	3	3	1	Y		2007	
H2S-210_H2S-212	H2S-210	H2S-212	314	12	VCP	C	0	0	0	21	5	19	Y		2007	
H2S-211_H2S-210	H2S-211	H2S-210	205	6	VCP	C	0	0	0	75	4	45	Y	4	2009	
H2S-212_G2S-605	H2S-212	G2S-605	315	12	VCP	B	6	3	2	19	1	19	Y		2008	
H2S-213_H2S-103	H2S-213	H2S-103	356	6	VCP	C	0	0	0	32	4	9	Y	4	2009	
H2S-214_H2S-213	H2S-214	H2S-213	141	6	VCP	C	3	1	3	0	0	0	Y		2009	
H2S-215_H2S-211	H2S-215	H2S-211	352	6	VCP	C	0	0	0	40	4	27	Y	4	2009	
H2S-302_H2S-304	H2S-302	H2S-304	227	12	VCP	C	0	0	0	0	0	0			2007	
H2S-303_H2S-302	H2S-303	H2S-302	10	6	VCP	C	0	0	0	2	2	1			2007	
H2S-304_H2S-305	H2S-304	H2S-305	161	12	VCP	C	0	0	0	0	0	0			2007	
H2S-305_H3S-113	H2S-305	H3S-113	270	12	VCP	C	0	0	0	4	4	1		4	2007	
H2S-306_H2S-319	H2S-306	H2S-319	177	6	VCP	C	1	1	1	4	2	2			2007	C
H2S-308_H2S-309	H2S-308	H2S-309	214	6	VCP	C	0	0	0	5	1	5	Y		2009	
H2S-309_H2S-317	H2S-309	H2S-317	375	6	VCP	C	1	1	1	3	3	1	Y		2007	
H2S-312_G2S-620	H2S-312	G2S-620	123	6	VCP	C	0	0	0	39	3	33	Y		2009	
H2S-313_H2S-314	H2S-313	H2S-314	198	6	VCP	C	0	0	0	1	1	1	Y		2007	
H2S-314_H2S-315	H2S-314	H2S-315	114	8	VCP	C	0	0	0	13	5	4	Y		2009	
H2S-315_G2S-622	H2S-315	G2S-622	132	8	VCP	C	3	2	2	15	4	7	Y	4	2009	
H2S-316_G2S-618	H2S-316	G2S-618	193	6	VCP	B	6	5	2	7	2	6	Y		2007	
H2S-317_H2S-318	H2S-317	H2S-318	180	6	VCP	C	2	2	1	0	0	0			2007	
H2S-318_H2S-304	H2S-318	H2S-304	183	6	VCP	C	0	0	0	0	0	0			2007	
H2S-319_H2S-301	H2S-319	H2S-301	218	6	VCP	B	4	3	2	104	5	35	Y	4	2009	
H2S-401_H2S-411	H2S-401	H2S-411	294	6	VCP	C	0	0	0	4	2	2			2007	
H2S-402_H2S-412	H2S-402	H2S-412	37	12	VCP	C	0	0	0	0	0	0			2007	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
H2S-408_H2S-401	H2S-408	H2S-401	40	6	VCP	C	0	0	0	2	2	1			2007	
H2S-409_H2S-410	H2S-409	H2S-410	301	12	VCP	C	0	0	0	0	0	0			2007	
H2S-410_H2S-411	H2S-410	H2S-411	218	12	VCP	C	0	0	0	0	0	0			2007	
H2S-412_H2S-409	H2S-412	H2S-409	284	12	VCP	C	0	0	0	0	0	0			2007	
H2S-501_H2S-502	H2S-501	H2S-502	218	6	VCP	C	2	1	2	6	4	3	Y		2008	
H2S-502_H2S-608	H2S-502	H2S-608	210	6	VCP	C	1	1	1	0	0	0			2008	
H2S-503_H2S-601	H2S-503	H2S-601	107	6	VCP	C	0	0	0	0	0	0			2008	
H2S-504_H2S-505	H2S-504	H2S-505	210	6	VCP	C	2	1	2	2	2	1			2007	
H2S-505_H2S-506	H2S-505	H2S-506	276	6	VCP	C	0	0	0	0	0	0			2007	
H2S-506_H2S-205	H2S-506	H2S-205	231	6	VCP	C	0	0	0	4	4	1			2007	
H2S-601_H2S-609	H2S-601	H2S-609	132	6	VCP	C	1	1	1	0	0	0			2008	
H2S-602_H2S-307	H2S-602	H2S-307	130	6	VCP	C	0	0	0	26	2	9	Y		2007	
H2S-605_H3S-119	H2S-605	H3S-119	113	6	VCP	C	0	0	0	1	1	1	Y		2007	
H2S-607_H2S-307	H2S-607	I2S-307	233	6	VCP	C	1	1	1	0	0	0			2007	
H2S-608_H2S-609	H2S-608	H2S-609	13	6	VCP	C	0	0	0	0	0	0			2008	
H2S-609_H2S-613	H2S-609	H2S-613	178	6	VCP	C	1	1	1	0	0	0			2008	
H2S-610_H2S-503	H2S-610	H2S-503	253	6	VCP	C	0	0	0	0	0	0			2007	
H2S-611_H2S-610	H2S-611	H2S-610	121	6	VCP	C	0	0	0	0	0	0			2007	
H2S-612_H2S-611	H2S-612	H2S-611	56	6	VCP	C	1	1	1	0	0	0			2007	
H2S-613_H2S-307	H2S-613	I2S-307	299	6	VCP	C	2	1	2	0	0	0			2008	
H2S-615_H2S-616	H2S-615	H2S-616	125	6	VCP	C	1	1	1	2	2	1			2007	
H2S-616_H2S-617	H2S-616	H2S-617	67	6	VCP	C	1	1	1	3	2	2	Y		2007	
H3S-101_H3S-109	H3S-101	H3S-109	288	6	VCP	C	2	2	1	0	0	0			2007	
H3S-102_G3S-112	H3S-102	G3S-112	49	6	VCP	C	0	0	0	0	0	0			2007	
H3S-103_H3S-104	H3S-103	H3S-104	96	6	VCP	C	2	1	2	0	0	0			2007	
H3S-104_H3S-503	H3S-104	H3S-503	290	6	VCP	C	0	0	0	1	1	1	Y		2009	
H3S-105_H3S-104	H3S-105	H3S-104	15	6	VCP	C	0	0	0	0	0	0			2007	
H3S-106_H3S-105	H3S-106	H3S-105	403	6	VCP	C	0	0	0	7	4	2		4	2007	
H3S-108_H3S-107	H3S-108	H3S-107	259	6	VCP	C	0	0	0	0	0	0			2007	
H3S-109_H3S-108	H3S-109	H3S-108	62	6	VCP	C	0	0	0	10	2	5			2007	
H3S-110_H3S-108	H3S-110	H3S-108	138	6	VCP	C	0	0	0	0	0	0	Y		2009	
H3S-112_H3S-121	H3S-112	H3S-121	167	6	VCP	C	0	0	0	0	0	0			2007	
H3S-113_H3S-116	H3S-113	H3S-116	276	12	VCP	C	0	0	0	0	0	0			2007	
H3S-114_H3S-209	H3S-114	H3S-209	296	12	VCP	C	0	0	0	2	2	1	Y		2007	
H3S-115_H3S-110	H3S-115	H3S-110	153	6	VCP	C	3	1	3	4	4	1	Y		2009	
H3S-116_H3S-114	H3S-116	H3S-114	304	12	VCP	C	0	0	0	2	2	1	Y		2007	
H3S-118_H3S-116	H3S-118	H3S-116	397	6	VCP	B	6	5	2	10	4	4	Y	4	2007	
H3S-119_H3S-118	H3S-119	H3S-118	245	6	VCP	C	1	1	1	0	0	0			2007	
H3S-120_H3S-102	H3S-120	H3S-102	183	6	VCP	C	0	0	0	1	1	1	Y		2007	
H3S-121_H3S-111	H3S-121	H3S-111	207	6	VCP	C	0	0	0	32	5	11	Y		2009	
H3S-201_H3S-202	H3S-201	H3S-202	326	6	VCP	C	1	1	1	20	2	10			2007	
H3S-202_H3S-117	H3S-202	H3S-117	293	6	VCP	C	2	2	1	16	2	8			2007	
H3S-204_H3S-205	H3S-204	H3S-205	361	6	VCP	C	0	0	0	124	4	41	Y	4	2009	
H3S-205_H3S-206	H3S-205	H3S-206	349	6	VCP	C	0	0	0	121	4	39	Y	4	2009	
H3S-206_H3S-303	H3S-206	H3S-303	353	6	VCP	C	0	0	0	110	4	36	Y		2009	
H3S-207_H3S-504	H3S-207	H3S-504	156	12	VCP	C	0	0	0	0	0	0			2007	
H3S-208_H3S-207	H3S-208	H3S-207	39	12	VCP	C	0	0	0	0	0	0			2007	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
H3S-209_H3S-208	H3S-209	H3S-208	283	12	VCP	C	0	0	0	0	0	0			2007	
H3S-301_G3S-609	H3S-301	G3S-609	285	6	VCP	C	0	0	0	0	0	0			2007	
H3S-302_H3S-311	H3S-302	H3S-311	319	6	VCP	C	0	0	0	66	4	32	Y	4	2007	
H3S-303_H3S-308	H3S-303	H3S-308	356	15	VCP	C	0	0	0	4	4	1	Y	4	2009	
H3S-304_G4S-405	H3S-304	G4S-405	265	6	VCP	C	0	0	0	1	1	1	Y		2007	
H3S-305_H4S-104	H3S-305	H4S-104	349	6	VCP	C	0	0	0	7	4	3	Y		2007	
H3S-306_H3S-301	H3S-306	H3S-301	288	6	VCP	C	0	0	0	0	0	0			2007	
H3S-307_H3S-306	H3S-307	H3S-306	153	6	VCP	C	0	0	0	0	0	0			2007	
H3S-308_H3S-310	H3S-308	H3S-310	392	15	VCP	C	0	0	0	0	0	0	Y		2009	
H3S-309_H3S-306	H3S-309	H3S-306	229	6	VCP	C	0	0	0	0	0	0			2007	
H3S-310_H4S-404	H3S-310	H4S-404	267	15	VCP	C	0	0	0	12	4	3	Y	4	2009	
H3S-311_H3S-303	H3S-311	H3S-303	344	6	VCP	C	0	0	0	42	2	22	Y		2007	
H3S-401_H3S-106	H3S-401	H3S-106	262	6	VCP	C	1	1	1	2	2	1			2007	
H3S-402_H3S-206	H3S-402	H3S-206	126	6	VCP	C	1	1	1	4	3	2	Y		2007	
H3S-403_H3S-402	H3S-403	H3S-402	123	6	VCP	C	1	1	1	8	3	4	Y		2007	
H3S-404_H3S-405	H3S-404	H3S-405	286	6	VCP	C	2	1	2	1	1	1	Y		2007	
H3S-405_H3S-105	H3S-405	H3S-105	219	6	VCP	C	0	0	0	0	0	0			2007	
H3S-406_H3S-503	H3S-406	H3S-503	170	6	VCP	C	1	1	1	0	0	0			2007	
H3S-407_H3S-406	H3S-407	H3S-406	177	6	VCP	C	0	0	0	0	0	0	Y		2009	
H3S-408_H3S-409	H3S-408	H3S-409	199	6	VCP	C	2	1	2	1	1	1	Y		2007	
H3S-409_H3S-410	H3S-409	H3S-410	137	6	VCP	C	2	2	1	0	0	0			2007	
H3S-410_H3S-411	H3S-410	H3S-411	53	6	VCP	C	0	0	0	0	0	0			2007	
H3S-411_H3S-412	H3S-411	H3S-412	86	6	VCP	C	1	1	1	0	0	0			2007	
H3S-412_H3S-404	H3S-412	H3S-404	200	6	VCP	C	0	0	0	0	0	0			2007	
H3S-413_H3S-414	H3S-413	H3S-414	346	6	VCP	C	1	1	1	0	0	0			2007	
H3S-414_H3S-103	H3S-414	H3S-103	257	6	VCP	C	3	1	3	0	0	0			2007	
H3S-501_H3S-603	H3S-501	H3S-603	450	6	VCP	A	10	4	5	18	5	5	Y	4	2009	
H3S-502_H3S-201	H3S-502	H3S-201	201	6	VCP	C	0	0	0	6	2	3			2007	
H3S-502_H3S-515	H3S-502	H3S-515	294	6	VCP	C	0	0	0	4	4	1	Y	4	2009	
H3S-503_H3S-504	H3S-503	H3S-504	158	6	VCP	C	0	0	0	0	0	0			2007	
H3S-504_H3S-506	H3S-504	H3S-506	275	12	VCP	C	0	0	0	8	4	2		4	2007	
H3S-505_H3S-506	H3S-505	H3S-506	156	6	VCP	C	0	0	0	6	2	3			2007	
H3S-506_H3S-507	H3S-506	H3S-507	219	12	VCP	C	0	0	0	0	0	0			2007	
H3S-507_H3S-508	H3S-507	H3S-508	220	12	VCP	C	0	0	0	2	2	1	Y		2007	
H3S-508_H3S-514	H3S-508	H3S-514	184	12	VCP	C	0	0	0	0	0	0			2007	
H3S-509_H3S-512	H3S-509	H3S-512	123	6	VCP	C	1	1	1	2	2	1			2007	
H3S-510_H3S-509	H3S-510	H3S-509	62	6	VCP	B	7	4	4	8	2	5			2007	
H3S-511_H3S-510	H3S-511	H3S-510	193	6	VCP	C	2	1	2	21	4	9	Y		2007	
H3S-512_H3S-505	H3S-512	H3S-505	295	6	VCP	C	1	1	1	1	1	1	Y		2007	
H3S-513_H3S-609	H3S-513	H3S-609	295	6	VCP	C	0	0	0	7	4	2	Y		2007	
H3S-514_H3S-614	H3S-514	H3S-614	177	12	VCP	C	0	0	0	0	0	0			2007	
H3S-515_H3S-501	H3S-515	H3S-501	18	6	VCP	C	0	0	0	0	0	0	Y		2009	
H3S-601_H3S-308	H3S-601	H3S-308	233	6	VCP	C	0	0	0	0	0	0			2007	
H3S-602_H3S-303	H3S-602	H3S-303	242	15	VCP	C	0	0	0	0	0	0			2007	
H3S-603_H3S-604	H3S-603	H3S-604	246	15	VCP	C	0	0	0	0	0	0			2007	
H3S-604_H3S-602	H3S-604	H3S-602	243	15	VCP	C	0	0	0	2	2	2	Y		2007	
H3S-605_H3S-606	H3S-605	H3S-606	344	6	VCP	C	0	0	0	6	2	3	Y		2007	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
H3S-606_H3S-601	H3S-606	H3S-601	258	6	VCP	C	0	0	0	0	0	0			2007	
H3S-607_H3S-612	H3S-607	H3S-612	364	6	VCP	C	0	0	0	6	3	3	Y		2007	
H3S-608_H3S-609	H3S-608	H3S-609	71	6	VCP	C	0	0	0	9	4	3	Y		2007	
H3S-609_H3S-614	H3S-609	H3S-614	322	6	VCP	C	0	0	0	2	2	1			2007	
H3S-610_H3S-605	H3S-610	H3S-605	145	6	VCP	C	0	0	0	2	2	1	Y		2007	
H3S-611_H3S-607	H3S-611	H3S-607	325	6	VCP	C	3	3	1	2	2	1	Y		2007	
H3S-612_H3S-613	H3S-612	H3S-613	197	6	VCP	C	0	0	0	2	2	1	Y		2007	
H3S-613_H3S-310	H3S-613	H3S-310	136	6	VCP	C	0	0	0	0	0	0			2007	
H3S-614_H3S-603	H3S-614	H3S-603	166	12	VCP	C	0	0	0	0	0	0	Y		2009	
H4S-101_H4S-108	H4S-101	H4S-108	189	6	VCP	C	1	1	1	6	2	3			2007	
H4S-102_H4S-113	H4S-102	H4S-113	86	6	VCP	C	1	1	1	2	2	1			2007	
H4S-104_H3S-304	H4S-104	H3S-304	308	6	VCP	C	1	1	1	10	4	5	Y		2007	
H4S-106_G4S-407	H4S-106	G4S-407	213	6	VCP	C	1	1	1	6	3	2		3	2007	
H4S-107_H4S-108	H4S-107	H4S-108	216	6	VCP	C	0	0	0	3	2	2	Y		2007	
H4S-108_H4S-106	H4S-108	H4S-106	237	6	VCP	C	0	0	0	11	3	5	Y	3	2007	
H4S-109_H4S-110	H4S-109	H4S-110	80	6	VCP	C	0	0	0	2	2	1			2007	
H4S-110_H4S-101	H4S-110	H4S-101	197	6	VCP	C	0	0	0	11	4	4	Y		2007	
H4S-111_H4S-112	H4S-111	H4S-112	135	6	VCP	C	0	0	0	2	2	1			2007	
H4S-112_H4S-110	H4S-112	H4S-110	281	6	VCP	C	0	0	0	7	4	3	Y		2007	
H4S-113_H4S-112	H4S-113	H4S-112	131	6	VCP	C	0	0	0	2	2	1			2007	
H4S-201_H4S-203	H4S-201	H4S-203	219	6	VCP	C	0	0	0	2	1	2	Y		2007	
H4S-202_H4S-204	H4S-202	H4S-204	306	6	VCP	C	0	0	0	4	2	2			2007	
H4S-203_H4S-509	H4S-203	H4S-509	319	6	VCP	C	1	1	1	16	4	7		4	2007	
H4S-204_H4S-501	H4S-204	H4S-501	312	6	VCP	C	0	0	0	4	2	2			2007	
H4S-205_H4S-203	H4S-205	H4S-203	225	6	VCP	C	0	0	0	9	2	5	Y		2007	
H4S-301_H4P-302	H4S-301	H4P-302	406	6	VCP	C	1	1	1	6	2	3			2007	
H4S-302_H4S-303	H4S-302	H4S-303	295	6	VCP	C	0	0	0	13	4	5		4	2007	
H4S-303_H4S-502	H4S-303	H4S-502	145	6	VCP	C	1	1	1	5	2	3	Y		2007	
H4S-304_H4S-305	H4S-304	H4S-305	244	6	VCP	C	1	1	1	3	2	2	Y		2007	
H4S-305_H4P-301	H4S-305	H4P-301	91	6	VCP	C	1	1	1	34	4	8	Y		2007	
H4S-402_H4S-109	H4S-402	H4S-109	258	6	VCP	C	0	0	0	2	2	1			2007	
H4S-403_H3S-612	H4S-403	H3S-612	189	6	VCP	C	0	0	0	35	3	10	Y		2007	
H4S-404_H4S-405	H4S-404	H4S-405	230	15	VCP	C	2	2	1	8	4	2	Y	4	2009	
H4S-405_H4S-407	H4S-405	H4S-407	130	15	VCP	C	0	0	0	23	4	6	Y	4	2009	
H4S-406_H4S-407	H4S-406	H4S-407	141	6	VCP	C	0	0	0	0	0	0			2008	
H4S-407_H4S-408	H4S-407	H4S-408	207	18	VCP	C	0	0	0	38	4	10	Y	4	2009	
H4S-408_H4S-401	H4S-408	H4S-401	212	18	VCP	C	0	0	0	31	4	8	Y	4	2009	
H4S-409_H4S-407	H4S-409	H4S-407	201	12	VCP	C	0	0	0	7	4	2	Y	4	2009	
H4S-410_H4S-411	H4S-410	H4S-411	163	12	VCP	C	0	0	0	0	0	0	Y		2009	
H4S-411_H4S-409	H4S-411	H4S-409	247	12	VCP	C	0	0	0	22	4	6	Y	4	2009	
H4S-412_H4S-411	H4S-412	H4S-411	110	6	VCP	C	0	0	0	25	3	11	Y		2007	
H4S-413_H4S-412	H4S-413	H4S-412	105	6	VCP	C	0	0	0	33	4	11	Y		2007	
H4S-414_H4S-416	H4S-414	H4S-416	243	12	VCP	C	0	0	0	6	4	2	Y		2009	
H4S-415_H4S-504	H4S-415	H4S-504	198	6	VCP	C	2	1	2	8	3	4	Y		2007	
H4S-416_H4S-401	H4S-416	H4S-401	298	12	VCP	C	0	0	0	13	4	4	Y	4	2007	
H4S-502_H4S-503	H4S-502	H4S-503	217	6	VCP	C	1	1	1	10	2	5	Y		2007	
H4S-504_H4S-506	H4S-504	H4S-506	212	6	VCP	C	0	0	0	5	2	3	Y		2007	

Appendix O - Condition Assessment Rating

PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
H4S-505_H4S-511	H4S-505	H4S-511	253	6	VCP	C	0	0	0	6	2	4	Y		2007	
H4S-506_H4S-507	H4S-506	H4S-507	272	6	VCP	C	0	0	0	10	4	5	Y	4	2007	
H4S-507_H4S-509	H4S-507	H4S-509	262	6	VCP	C	1	1	1	3	2	2	Y		2007	
H4S-508_H4S-416	H4S-508	H4S-416	210	6	VCP	C	0	0	0	7	2	4	Y		2007	
H4S-510_H4S-613	H4S-510	H4S-613	320	6	VCP	C	0	0	0	4	2	2			2007	
H4S-602_H4S-603	H4S-602	H4S-603	315	6	VCP	C	0	0	0	0	0	0			2007	
H4S-603_H4S-606	H4S-603	H4S-606	344	6	VCP	C	0	0	0	0	0	0			2007	
H4S-604_H5S-401	H4S-604	H5S-401	293	6	VCP	C	0	0	0	2	2	1			2007	
H4S-605_H4S-612	H4S-605	H4S-612	306	6	VCP	C	0	0	0	3	2	2	Y		2007	
H4S-607_H4S-304	H4S-607	H4S-304	309	6	VCP	C	0	0	0	7	3	4	Y		2007	
H4S-609_H4S-301	H4S-609	H4S-301	262	6	VCP	C	1	1	1	3	2	2	Y		2007	
H4S-610_H4S-611	H4S-610	H4S-611	120	6	VCP	C	2	1	2	2	2	1			2007	
H4S-612_H4S-608	H4S-612	H4S-608	292	6	VCP	C	0	0	0	10	3	5	Y		2007	
H4S-613_H4S-601	H4S-613	H4S-601	349	6	VCP	C	1	1	1	8	2	5	Y		2007	
H5S-101_H5S-403	H5S-101	H5S-403	337	6	VCP	C	0	0	0	93	4	26	Y	4	2007	
H5S-102_H5S-101	H5S-102	H5S-101	237	6	VCP	C	0	0	0	8	3	7	Y	3	2007	
H5S-201_H5S-102	H5S-201	H5S-102	315	6	VCP	C	0	0	0	9	3	7	Y	3	2007	
H5S-202_H5S-203	H5S-202	H5S-203	97	6	VCP	C	0	0	0	4	2	3			2007	
H5S-203_H5S-501	H5S-203	H5S-501	120	6	VCP	C	0	0	0	2	2	1			2007	
H5S-204_H5S-301	H5S-204	H5S-301	252	6	VCP	C	0	0	0	10	5	7	Y		2007	
H5S-205_H5S-511	H5S-205	H5S-511	310	6	VCP	C	0	0	0	4	2	3			2007	
H5S-301_H5S-303	H5S-301	H5S-303	295	6	VCP	C	0	0	0	16	3	11		3	2007	
H5S-302_H5S-301	H5S-302	H5S-301	118	6	VCP	C	0	0	0	18	2	9			2007	
H5S-401_H5S-408	H5S-401	H5S-408	292	6	VCP	C	0	0	0	12	3	9		3	2007	
H5S-406_H5S-407	H5S-406	H5S-407	110	6	VCP	C	0	0	0	55	5	16	Y	4	2009	
H5S-407_H5S-506	H5S-407	H5S-506	170	6	VCP	C	0	0	0	37	3	17	Y		2009	
H5S-408_H5S-409	H5S-408	H5S-409	193	6	VCP	C	0	0	0	14	2	7			2007	
H5S-409_H5S-403	H5S-409	H5S-403	259	6	VCP	C	0	0	0	78	4	24		4	2007	
H5S-410_H5S-409	H5S-410	H5S-409	150	6	VCP	C	3	2	2	19	2	10	Y		2007	
H5S-411_H5S-402	H5S-411	H5S-402	193	6	VCP	C	1	1	1	29	2	19	Y		2007	
H5S-501_H5S-504	H5S-501	H5S-504	155	6	VCP	C	0	0	0	5	3	3		3	2007	
H5S-504_H5S-503	H5S-504	H5S-503	215	6	VCP	C	0	0	0	12	4	7		3	2007	
H5S-506_H5S-507	H5S-506	H5S-507	131	6	VCP	C	0	0	0	53	4	19	Y	4	2009	
H5S-507_H5S-508	H5S-507	H5S-508	202	6	VCP	C	0	0	0	72	4	24	Y	4	2009	
H5S-509_H5S-506	H5S-509	H5S-506	108	6	VCP	C	0	0	0	2	2	1			2007	
H5S-510_H5S-509	H5S-510	H5S-509	305	6	VCP	C	0	0	0	10	4	9	Y	4	2007	
H5S-511_H5S-508	H5S-511	H5S-508	182	6	VCP	C	0	0	0	8	4	5			2007	
H5S-512_H5S-601	H5S-512	H5S-601	321	6	VCP	C	0	0	0	2	2	1			2007	
H5S-601_H5S-302	H5S-601	H5S-302	120	6	VCP	C	0	0	0	38	3	10	Y		2007	
H5S-602_H5S-603	H5S-602	H5S-603	86	6	VCP	C	0	0	0	12	2	8	Y		2007	
H5S-603_H5S-601	H5S-603	H5S-601	115	6	VCP	C	0	0	0	42	2	11	Y		2007	
H5S-606_H5S-607	H5S-606	H5S-607	259	6	VCP	C	0	0	2	110	2	7			2007	
H5S-607_H5S-605	H5S-607	H5S-605	260	6	VCP	C	0	0	2	14	5	5		3	2007	
H5S-610_H5S-613	H5S-610	H5S-613	298	6	VCP	C	0	0	0	14	3	11	Y		2007	
H5S-611_H5S-610	H5S-611	H5S-610	284	6	VCP	C	0	0	0	28	3	20	Y	3	2007	
H5S-612_H5S-614	H5S-612	H5S-614	182	6	VCP	C	0	0	0	10	3	6	Y	3	2007	
H5S-613_H5S-605	H5S-613	H5S-605	309	6	VCP	C	0	0	3	14	3	8	Y	3	2007	



Appendix O - Condition Assessment Rating

PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
H5S-614_H5S-609	H5S-614	H5S-609	227	6	VCP	C	0	0	0	12	3	7	Y		2007	
I2S-201_I2S-205	I2S-201	I2S-205	177	6	VCP	A	11	5	6	3	1	3	Y		2008	
I2S-202_I2S-205	I2S-202	I2S-205	217	6	VCP	C	1	1	1	0	0	0			2008	
I2S-203_I2S-202	I2S-203	I2S-202	167	6	VCP	C	1	1	1	0	0	0			2008	
I2S-204_I2S-203	I2S-204	I2S-203	173	6	VCP	C	1	1	1	5	2	3	Y		2008	
I2S-205_I2S-305	I2S-205	I2S-305	213	6	VCP	C	2	2	1	1	1	1	Y		2008	
I2S-206_I2S-204	I2S-206	I2S-204	81	6	VCP	C	2	2	1	4	4	1	Y		2008	
I2S-301_I2S-302	I2S-301	I2S-302	107	6	VCP	C	0	0	0	1	1	1	Y		2008	
I2S-302_I2S-303	I2S-302	I2S-303	222	6	VCP	C	0	0	0	0	0	0			2008	
I2S-303_I2S-304	I2S-303	I2S-304	219	6	VCP	C	0	0	0	0	0	0			2008	
I2S-304_I2S-311	I2S-304	I2S-311	282	6	VCP	C	0	0	0	0	0	0			2008	
I2S-305_I2S-306	I2S-305	I2S-306	240	6	VCP	C	0	0	0	2	1	2	Y		2008	
I2S-306_I2S-308	I2S-306	I2S-308	241	6	VCP	C	0	0	0	0	0	0			2008	
I2S-307_I2S-308	I2S-307	I2S-308	171	6	VCP	C	0	0	0	0	0	0			2008	
I2S-308_I2S-309	I2S-308	I2S-309	362	6	VCP	C	0	0	0	0	0	0			2008	
I2S-309_I2S-311	I2S-309	I2S-311	243	6	VCP	C	0	0	0	6	2	3			2008	
I2S-311_I2S-312	I2S-311	I2S-312	40	6	VCP	C	0	0	0	0	0	0			2008	
I2S-312_I3S-113	I2S-312	I3S-113	321	6	VCP	C	1	1	1	1	1	1	Y		2008	
I2S-501_I2S-503	I2S-501	I2S-503	356	6	VCP	C	1	1	1	0	0	0			2008	
I2S-502_I2S-501	I2S-502	I2S-501	381	6	VCP	A	12	5	4	3	1	3	Y		2008	
I2S-503_I2S-301	I2S-503	I2S-301	487	6	VCP	C	2	1	2	8	4	2	Y		2008	
I2S-504_I2S-602	I2S-504	I2S-602	120	6	VCP	C	0	0	0	1	1	1	Y		2008	
I2S-505_I2S-504	I2S-505	I2S-504	166	6	VCP	C	0	0	0	9	4	6	Y		2008	
I2S-506_I2S-505	I2S-506	I2S-505	109	6	VCP	C	0	0	0	3	2	2	Y		2008	
I2S-601_I2S-609	I2S-601	I2S-609	281	6	VCP	C	0	0	0	0	0	0			2008	
I2S-602_I2S-601	I2S-602	I2S-601	306	6	VCP	C	0	0	0	16	4	7	Y		2008	
I2S-603_I2S-601	I2S-603	I2S-601	163	6	VCP	C	0	0	0	4	2	2			2008	
I2S-604_I2S-603	I2S-604	I2S-603	181	6	VCP	C	0	0	0	0	0	0			2008	
I2S-605_I2S-604	I2S-605	I2S-604	60	6	VCP	C	1	1	1	0	0	0			2008	
I2S-606_I3S-404	I2S-606	I3S-404	135	6	VCP	C	3	1	3	6	4	3	Y		2008	
I2S-607_I2S-606	I2S-607	I2S-606	180	6	VCP	C	0	0	0	2	1	2	Y		2008	
I2S-608_I2S-607	I2S-608	I2S-607	110	6	VCP	C	1	1	1	6	4	3	Y		2008	
I2S-609_I2S-610	I2S-609	I2S-610	385	6	VCP	C	0	0	0	0	0	0			2008	
I2S-610_I3S-410	I2S-610	I3S-410	162	6	VCP	C	0	0	0	0	0	0			2008	
I2S-612_I3S-410	I2S-612	I3S-410	328	6	VCP	C	0	0	0	8	4	5	Y		2008	
I3P-601_I3S-607	I3P-601	I3S-607	110	6	VCP	C	0	0	0	6	2	3			2007	
I3P-602_I3P-601	I3P-602	I3P-601	30	6	VCP	C	0	0	0	0	0	0			2007	
I3S-102_I2S-312	I3S-102	I2S-312	158	6	VCP	C	1	1	1	2	2	1			2007	
I3S-103_I3S-102	I3S-103	I3S-102	392	6	VCP	C	0	0	0	2	2	1			2007	
I3S-104_I3S-105	I3S-104	I3S-105	34	6	VCP	C	0	0	0	0	0	0	Y		2009	
I3S-105_I3S-107	I3S-105	I3S-107	162	6	VCP	C	0	0	0	2	2	1	Y		2009	
I3S-106_I3S-105	I3S-106	I3S-105	75	6	VCP	C	0	0	0	0	0	0	Y		2009	
I3S-107_I3S-110	I3S-107	I3S-110	282	6	VCP	C	1	1	1	6	4	2	Y		2007	
I3S-108_I3S-107	I3S-108	I3S-107	204	6	VCP	C	0	0	0	6	3	3	Y		2007	
I3S-109_I3S-401	I3S-109	I3S-401	275	6	VCP	C	0	0	0	0	0	0			2008	
I3S-110_I3S-109	I3S-110	I3S-109	323	6	VCP	C	0	0	0	4	2	2			2007	
I3S-111_I3S-110	I3S-111	I3S-110	255	6	VCP	C	1	1	1	9	4	3		4	2007	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
I3S-113_I3S-109	I3S-113	I3S-109	278	6	VCP	C	0	0	0	0	0	0			2008	
I3S-203_I3S-216	I3S-203	I3S-216	103	6	VCP	C	0	0	0	8	4	2	Y		2007	
I3S-204_I3S-511	I3S-204	I3S-511	255	6	VCP	C	1	1	1	2	1	2	Y		2007	
I3S-205_I3S-203	I3S-205	I3S-203	152	6	VCP	C	0	0	0	0	0	0			2007	
I3S-206_I3S-205	I3S-206	I3S-205	137	6	VCP	C	1	1	1	2	2	1			2007	
I3S-207_I3S-208	I3S-207	I3S-208	193	6	VCP	B	9	4	5	18	5	4	Y		2009	
I3S-208_I3S-209	I3S-208	I3S-209	109	6	VCP	B	4	2	2	2	2	1			2007	
I3S-209_I3S-219	I3S-209	I3S-219	95	6	VCP	C	0	0	0	0	0	0			2007	
I3S-210_I3S-305	I3S-210	I3S-305	132	6	VCP	C	0	0	0	8	4	4	Y		2007	
I3S-211_I3S-513	I3S-211	I3S-513	95	6	VCP	C	1	1	1	2	2	1			2007	
I3S-212_I3S-507	I3S-212	I3S-507	208	6	VCP	C	0	0	0	4	3	2	Y		2007	
I3S-213_I3S-503	I3S-213	I3S-503	138	6	VCP	C	1	1	1	0	0	0	Y		2009	
I3S-215_I3S-505	I3S-215	I3S-505	184	6	VCP	C	2	2	1	0	0	0			2007	
I3S-216_I3S-204	I3S-216	I3S-204	45	6	VCP	C	1	1	1	0	0	0			2007	
I3S-219_I3S-211	I3S-219	I3S-211	299	6	VCP	C	0	0	0	1	1	1	Y		2007	
I3S-301_I3S-302	I3S-301	I3S-302	76	6	VCP	C	2	1	2	2	2	1			2007	
I3S-302_I3S-303	I3S-302	I3S-303	173	6	VCP	B	4	2	3	28	4	11	Y	4	2009	
I3S-303_I3S-610	I3S-303	I3S-610	304	6	VCP	A	45	5	13	55	5	19	Y	4	2009	
I3S-304_I3S-611	I3S-304	I3S-611	172	6	VCP	C	0	0	0	18	2	9			2007	
I3S-305_I3S-307	I3S-305	I3S-307	183	6	VCP	C	1	1	1	5	3	2	Y		2007	
I3S-306_I3S-305	I3S-306	I3S-305	366	6	VCP	C	2	1	2	2	2	1			2007	
I3S-307_I3S-301	I3S-307	I3S-301	249	6	VCP	C	1	1	1	2	2	1			2007	
I3S-308_I3S-309	I3S-308	I3S-309	232	6	VCP	B	5	4	2	5	3	3	Y		2009	
I3S-309_I3S-302	I3S-309	I3S-302	326	6	VCP	B	5	2	3	5	3	2	Y		2009	
I3S-310_I3S-311	I3S-310	I3S-311	56	6	VCP	C	0	0	0	4	2	2			2007	
I3S-311_I4S-101	I3S-311	I4S-101	237	6	VCP	C	0	0	0	21	3	10	Y		2007	
I3S-313_I4S-110	I3S-313	I4S-110	406	12	VCP	C	0	0	0	0	0	0	Y		2009	
I3S-401_I3S-402	I3S-401	I3S-402	272	6	VCP	C	0	0	0	0	0	0			2008	
I3S-402_I3S-403	I3S-402	I3S-403	110	6	VCP	C	0	0	0	0	0	0			2008	
I3S-403_I3S-520	I3S-403	I3S-520	352	8	VCP	C	0	0	0	0	0	0			2008	
I3S-404_I3S-405	I3S-404	I3S-405	181	6	VCP	C	3	2	2	2	1	2	Y		2008	
I3S-405_I3S-406	I3S-405	I3S-406	241	6	VCP	B	6	5	2	5	1	5	Y		2008	
I3S-406_I3S-407	I3S-406	I3S-407	247	6	VCP	C	0	0	0	0	0	0	Y		2009	
I3S-407_I3S-402	I3S-407	I3S-402	244	6	VCP	C	2	1	2	0	0	0			2008	
I3S-409_I3S-407	I3S-409	I3S-407	362	6	VCP	C	0	0	0	0	0	0			2008	
I3S-410_I3S-409	I3S-410	I3S-409	351	6	VCP	C	0	0	0	0	0	0			2008	
I3S-501_I3S-403	I3S-501	I3S-403	329	6	VCP	C	0	0	0	4	2	2			2007	
I3S-502_I3S-509	I3S-502	I3S-509	273	6	VCP	C	0	0	0	6	2	3			2007	
I3S-503_I3S-502	I3S-503	I3S-502	272	6	VCP	B	9	4	3	13	4	5	Y		2009	
I3S-504_I3S-503	I3S-504	I3S-503	106	6	VCP	A	11	4	3	7	3	3	Y		2009	
I3S-505_I3S-506	I3S-505	I3S-506	343	6	VCP	C	1	1	1	7	4	3	Y		2007	
I3S-506_I3S-510	I3S-506	I3S-510	133	6	VCP	C	1	1	1	2	2	1			2007	
I3S-507_I3S-501	I3S-507	I3S-501	211	6	VCP	C	1	1	1	2	2	1			2007	
I3S-508_I3S-511	I3S-508	I3S-511	254	6	VCP	C	0	0	0	2	2	1	Y		2009	
I3S-509_I3S-508	I3S-509	I3S-508	84	6	VCP	C	0	0	0	2	2	1	Y		2009	
I3S-510_I3S-509	I3S-510	I3S-509	121	6	VCP	B	4	2	2	2	2	1	Y		2007	
I3S-511_I3P-502	I3S-511	I3P-502	95	6	VCP	C	0	0	0	2	2	1	Y		2009	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
I3S-512_I3S-511	I3S-512	I3S-511	260	6	VCP	C	0	0	0	12	5	4	Y		2009	
I3S-513_I3S-514	I3S-513	I3S-514	79	6	VCP	C	0	0	0	3	3	1	Y		2009	
I3S-514_I3S-515	I3S-514	I3S-515	57	6	VCP	C	0	0	0	0	0	0	Y		2009	
I3S-515_I3S-516	I3S-515	I3S-516	57	6	VCP	C	0	0	0	0	0	0	Y		2009	
I3S-516_I3S-518	I3S-516	I3S-518	99	6	VCP	C	0	0	0	10	2	5	Y		2009	
I3S-517_I3S-518	I3S-517	I3S-518	90	6	CIP	C	0	0	0	10	4	5	Y	4	2007	
I3S-518_I3S-612	I3S-518	I3S-612	143	6	VCP	C	0	0	0	28	4	9	Y	4	2009	
I3S-519_I3S-201	I3S-519	I3S-201	367	8	VCP	C	1	1	1	0	0	0	Y		2009	
I3S-520_I3S-519	I3S-520	I3S-519	381	8	VCP	C	0	0	0	0	0	0	Y		2009	
I3S-601_I3S-602	I3S-601	I3S-602	289	6	VCP	B	4	2	3	60	2	19			2007	
I3S-602_I3S-603	I3S-602	I3S-603	172	6	VCP	A	11	4	4	26	2	11			2007	
I3S-603_I3S-310	I3S-603	I3S-310	154	6	VCP	C	1	1	1	20	2	10			2007	
I3S-604_I4S-402	I3S-604	I4S-402	291	15	VCP	C	0	0	0	0	0	0	Y		2007	
I3S-605_I3S-610	I3S-605	I3S-610	385	15	VCP	C	0	0	0	0	0	0	Y		2009	
I3S-606_I3S-609	I3S-606	I3S-609	432	15	VCP	C	0	0	0	14	5	3	Y	4	2009	
I3S-607_I3S-606	I3S-607	I3S-606	47	6	VCP	C	0	0	0	2	2	1	Y		2009	
I3S-608_IP-602	I3S-608	IP-602	24	6	VCP	C	0	0	0	4	2	2			2007	
I3S-609_I3S-610	I3S-609	I3S-610	49	15	VCP	C	0	0	0	4	4	1			2007	
I3S-610_I3S-604	I3S-610	I3S-604	294	15	VCP	C	0	0	0	0	0	0			2007	
I3S-612_I3S-608	I3S-612	I3S-608	287	6	VCP	C	0	0	0	20	4	8	Y	4	2009	
I3S-613_I3S-610	I3S-613	I3S-610	280	6	VCP	C	0	0	0	7	4	2	Y		2009	
I3S-614_I3S-615	I3S-614	I3S-615	178	6	VCP	C	0	0	0	7	3	4	Y		2007	
I3S-615_I3S-616	I3S-615	I3S-616	73	6	VCP	C	4	4	1	0	0	0	Y		2009	A
I3S-616_I3S-601	I3S-616	I3S-601	178	6	VCP	C	0	0	0	25	4	8	Y	4	2009	C
I4S-101_I4S-102	I4S-101	I4S-102	99	6	VCP	C	1	1	1	13	2	8	Y		2007	
I4S-102_I3S-312	I4S-102	I3S-312	260	6	VCP	C	1	1	1	41	2	24	Y		2007	
I4S-103_I4S-114	I4S-103	I4S-114	533	12	VCP	C	0	0	0	9	3	3	Y	3	2009	
I4S-104_I4S-107	I4S-104	I4S-107	338	10	VCP	C	0	0	0	9	3	3	Y	3	2009	
I4S-105_I4S-106	I4S-105	I4S-106	162	6	VCP	C	0	0	0	11	4	3	Y	4	2009	
I4S-106_I4S-108	I4S-106	I4S-108	326	6	VCP	C	2	2	1	4	2	2			2007	
I4S-107_I4S-113	I4S-107	I4S-113	249	10	VCP	C	0	0	0	7	3	3	Y		2009	
I4S-108_I4S-110	I4S-108	I4S-110	300	6	VCP	C	1	1	1	7	4	2	Y	4	2007	
I4S-109_I4S-108	I4S-109	I4S-108	125	6	VCP	C	0	0	0	3	3	1		3	2007	
I4S-110_I4S-410	I4S-110	I4S-410	329	12	VCP	C	0	0	0	0	0	0	Y		2009	
I4S-111_I3S-313	I4S-111	I3S-313	88	12	VCP	C	0	0	0	3	3	1	Y	3	2009	
I4S-112_I4S-414	I4S-112	I4S-414	290	12	VCP	C	0	0	0	0	0	0	Y		2009	
I4S-113_I4S-112	I4S-113	I4S-112	250	10	VCP	C	0	0	0	16	4	5	Y	4	2009	
I4S-114_I4S-111	I4S-114	I4S-111	133	12	VCP	C	0	0	0	0	0	0	Y		2009	
I4S-201_I4S-203	I4S-201	I4S-203	328	6	VCP	C	0	0	0	7	3	4	Y		2007	
I4S-202_I4S-510	I4S-202	I4S-510	333	6	VCP	C	0	0	0	7	3	4	Y		2007	
I4S-203_I4S-204	I4S-203	I4S-204	338	6	VCP	C	0	0	0	7	4	3	Y		2007	
I4S-204_I4S-112	I4S-204	I4S-112	322	6	VCP	C	1	1	1	16	4	7	Y		2007	
I4S-205_I4S-206	I4S-205	I4S-206	229	6	VCP	C	0	0	0	1	1	1	Y		2007	
I4S-206_I4S-207	I4S-206	I4S-207	189	6	VCP	C	0	0	0	8	4	4	Y	4	2007	
I4S-207_I4S-208	I4S-207	I4S-208	77	6	VCP	C	0	0	0	15	5	6			2007	
I4S-208_I4S-210	I4S-208	I4S-210	251	6	VCP	C	0	0	0	102	3	29	Y		2007	
I4S-209_I4S-211	I4S-209	I4S-211	344	6	VCP	C	2	1	2	8	3	4	Y		2007	

Appendix O - Condition Assessment Rating

PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
I4S-210_I4S-107	I4S-210	I4S-107	257	6	VCP	C	0	0	0	10	3	4	Y		2007	
I4S-211_I4S-308	I4S-211	I4S-308	353	6	VCP	C	0	0	0	14	4	5	Y	4	2007	
I4S-212_I4S-213	I4S-212	I4S-213	225	6	VCP	C	0	0	0	3	2	2	Y		2007	
I4S-213_I4S-208	I4S-213	I4S-208	266	6	VCP	C	0	0	0	5	5	1	Y		2007	
I4S-301_I4S-309	I4S-301	I4S-309	162	6	VCP	C	2	1	2	15	2	9	Y		2007	
I4S-302_I4S-311	I4S-302	I4S-311	351	6	VCP	C	0	0	0	7	4	4	Y		2007	
I4S-303_I4S-313	I4S-303	I4S-313	114	6	VCP	C	0	0	0	44	3	17	Y		2007	
I4S-304_I4S-303	I4S-304	I4S-303	169	6	VCP	C	0	0	0	21	2	12	Y		2007	
I4S-305_I4S-304	I4S-305	I4S-304	50	6	VCP	C	0	0	0	7	2	4	Y		2007	
I4S-306_I4S-302	I4S-306	I4S-302	350	6	VCP	C	2	2	1	48	3	12	Y		2007	
I4S-307_I4S-308	I4S-307	I4S-308	103	6	VCP	C	0	0	0	2	2	1			2007	
I4S-308_I4S-309	I4S-308	I4S-309	61	6	VCP	C	0	0	0	0	0	0			2007	
I4S-309_I4S-310	I4S-309	I4S-310	330	6	VCP	C	0	0	0	9	4	3	Y	4	2007	
I4S-310_I4S-602	I4S-310	I4S-602	329	6	VCP	C	0	0	0	0	0	0			2007	
I4S-311_I4S-605	I4S-311	I4S-605	291	6	VCP	C	0	0	0	2	1	2	Y		2007	
I4S-312_I4S-305	I4S-312	I4S-305	236	6	VCP	C	0	0	0	6	4	3	Y		2007	
I4S-313_I4S-314	I4S-313	I4S-314	181	6	VCP	C	0	0	0	61	3	14	Y		2007	
I4S-314_I4S-311	I4S-314	I4S-311	344	6	VCP	C	2	2	1	27	3	9	Y	3	2009	
I4S-401_I4S-103	I4S-401	I4S-103	403	12	VCP	C	0	0	0	9	3	3	Y	3	2009	
I4S-402_I4S-401	I4S-402	I4S-401	35	15	VCP	C	0	0	0	0	0	0			2007	
I4S-403_I4S-404	I4S-403	I4S-404	71	6	VCP	C	0	0	0	2	2	1	Y		2007	
I4S-404_I4S-405	I4S-404	I4S-405	191	6	VCP	C	0	0	0	9	2	5	Y		2007	
I4S-405_I4S-413	I4S-405	I4S-413	170	10	VCP	C	0	0	0	2	2	1	Y		2009	
I4S-407_I4S-405	I4S-407	I4S-405	290	10	VCP	C	0	0	0	19	4	6	Y		2009	
I4S-408_I4S-413	I4S-408	I4S-413	283	6	VCP	C	0	0	0	16	4	4	Y	4	2009	
I4S-409_I4S-412	I4S-409	I4S-412	255	6	VCP	C	0	0	0	44	2	15			2007	
I4S-410_I4S-412	I4S-410	I4S-412	146	6	VCP	C	3	2	2	3	2	2	Y		2007	
I4S-411_I4S-410	I4S-411	I4S-410	106	6	VCP	B	5	2	3	3	2	2	Y		2007	
I4S-412_I4S-403	I4S-412	I4S-403	376	6	VCP	C	0	0	0	82	2	23			2007	
I4S-413_I4S-104	I4S-413	I4S-104	317	10	VCP	C	0	0	0	7	3	3	Y		2009	
I4S-501_I4S-606	I4S-501	I4S-606	142	6	VCP	C	0	0	0	5	2	3	Y		2007	
I4S-502_I4S-407	I4S-502	I4S-407	292	8	VCP	C	3	3	1	6	3	3	Y	3	2009	
I4S-503_I4S-504	I4S-503	I4S-504	350	6	VCP	C	0	0	0	0	0	0			2009	
I4S-504_I4S-408	I4S-504	I4S-408	283	6	VCP	C	0	0	0	0	0	0			2009	
I4S-505_I4S-408	I4S-505	I4S-408	124	6	VCP	C	0	0	0	8	4	3		4	2007	
I4S-506_I4S-505	I4S-506	I4S-505	175	6	VCP	C	0	0	0	19	4	5	Y	4	2007	
I4S-507_I4S-506	I4S-507	I4S-506	139	6	VCP	C	1	1	1	9	4	3	Y		2007	
I4S-508_I4S-509	I4S-508	I4S-509	158	6	VCP	C	1	1	1	30	3	14	Y		2007	
I4S-509_I4S-510	I4S-509	I4S-510	143	6	VCP	C	0	0	0	5	2	3	Y		2007	
I4S-510_I4S-501	I4S-510	I4S-501	134	6	VCP	C	0	0	0	5	2	3	Y		2007	
I4S-511_I4S-512	I4S-511	I4S-512	83	6	VCP	C	0	0	0	1	1	1	Y		2007	
I4S-512_I4S-213	I4S-512	I4S-213	256	6	VCP	C	0	0	0	4	3	2	Y		2007	
I4S-513_I4S-512	I4S-513	I4S-512	216	6	VCP	C	0	0	0	3	2	2	Y		2007	
I4S-601_I4S-607	I4S-601	I4S-607	21	6	VCP	C	0	0	0	0	0	0			2007	
I4S-602_I4S-604	I4S-602	I4S-604	203	6	VCP	C	0	0	0	6	4	3	Y		2007	
I4S-603_I4S-312	I4S-603	I4S-312	266	6	VCP	C	0	0	0	4	3	2	Y		2007	
I4S-604_I4S-306	I4S-604	I4S-306	244	6	VCP	C	1	1	1	53	3	28	Y		2007	

Appendix O - Condition Assessment Rating

PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
I4S-605_I4S-607	I4S-605	I4S-607	350	6	VCP	C	0	0	0	8	2	5	Y		2007	
I4S-606_I4S-601	I4S-606	I4S-601	150	6	VCP	C	1	1	1	8	4	4	Y		2007	
I4S-607_I4S-608	I4S-607	I4S-608	354	6	VCP	C	0	0	0	0	0	0			2007	
I4S-608_I4S-307	I4S-608	I4S-307	333	6	VCP	C	0	0	0	12	4	8	Y	4	2007	
I4S-609_I4S-605	I4S-609	I4S-605	348	6	VCP	C	2	1	2	14	4	6	Y	4	2007	
I4S-610_I4S-611	I4S-610	I4S-611	362	6	VCP	C	0	0	0	10	4	7	Y		2007	
I4S-611_I4S-612	I4S-611	I4S-612	236	6	VCP	C	0	0	0	11	4	7	Y		2007	
I4S-613_I4S-612	I4S-613	I4S-612	133	6	VCP	C	0	0	0	25	5	7	Y	4	2009	
I5P-401_I5S-111	I5P-401	I5S-111	200	6	VCP	C	2	2	1	37	3	21	Y		2007	
I5S-101_I5P-102	I5S-101	I5P-102	53	6	CIP	B	6	2	5	26	4	10	Y	4	2009	
I5S-102_I5S-104	I5S-102	I5S-104	302	6	VCP	C	2	2	1	6	2	5	Y		2007	
I5S-103_I4S-305	I5S-103	I4S-305	348	6	VCP	C	0	0	0	9	3	4	Y		2007	
I5S-104_I5S-109	I5S-104	I5S-109	350	6	VCP	C	0	0	0	62	2	4	Y		2007	
I5S-105_I5S-106	I5S-105	I5S-106	102	6	VCP	B	8	2	6	0	0	0	Y		2009	
I5S-106_I5S-406	I5S-106	I5S-406	174	6	VCP	C	3	2	2	11	4	3	Y	4	2009	
I5S-108_I5S-408	I5S-108	I5S-408	269	6	VCP	C	0	0	0	14	2	7			2007	
I5S-109_I5S-108	I5S-109	I5S-108	234	6	VCP	C	0	0	0	56	2	11	Y		2007	
I5S-110_I5S-111	I5S-110	I5S-111	179	6	VCP	C	0	0	0	0	0	0			2007	
I5S-111_I5S-112	I5S-111	I5S-112	142	6	VCP	C	3	2	2	86	5	23	Y	4	2009	
I5S-112_I5S-101	I5S-112	I5S-101	128	6	VCP	C	5	5	1	8	4	2	Y	4	2009	A
I5S-113_I5S-114	I5S-113	I5S-114	188	6	VCP	C	0	0	0	8	4	3		4	2007	
I5S-114_I5S-112	I5S-114	I5S-112	147	6	VCP	C	0	0	0	4	2	2			2007	
I5S-115_I5S-113	I5S-115	I5S-113	252	6	VCP	C	0	0	0	0	0	0			2007	
I5S-116_I5S-115	I5S-116	I5S-115	215	6	VCP	C	0	0	0	0	0	0			2007	
I5S-201_I5S-111	I5S-201	I5S-111	484	6	VCP	B	5	2	3	24	4	6	Y	4	2009	
I5S-202_I5S-203	I5S-202	I5S-203	199	6	VCP	C	0	0	0	0	0	0	Y		2009	
I5S-203_I5S-301	I5S-203	I5S-301	238	6	VCP	C	0	0	0	26	4	7	Y	4	2009	
I5S-204_I5S-209	I5S-204	I5S-209	319	6	VCP	C	2	1	2	9	5	3			2007	
I5S-205_I5S-206	I5S-205	I5S-206	158	6	VCP	C	1	1	1	0	0	0			2007	
I5S-206_I5S-209	I5S-206	I5S-209	197	6	VCP	C	1	1	1	9	5	3			2007	
I5S-207_I5S-208	I5S-207	I5S-208	275	6	VCP	C	1	1	1	6	3	2	Y	3	2009	
I5S-208_I5S-202	I5S-208	I5S-202	300	6	VCP	C	1	1	1	12	3	4	Y	3	2009	
I5S-209_I5S-201	I5S-209	I5S-201	272	6	VCP	C	0	0	0	2	2	1			2007	
I5S-210_I5S-107	I5S-210	I5S-107	252	6	VCP	C	2	1	2	4	2	2			2007	
I5S-211_I5S-210	I5S-211	I5S-210	260	6	VCP	C	1	1	1	6	2	3			2007	
I5S-301_I5S-309	I5S-301	I5S-309	114	6	VCP	C	0	0	0	0	0	0	Y		2009	
I5S-302_I5S-306	I5S-302	I5S-306	309	8	VCP	C	0	0	0	21	5	13		4	2007	
I5S-303_I5S-302	I5S-303	I5S-302	279	6	VCP	C	0	0	0	0	0	0	Y		2009	
I5S-304_I5S-305	I5S-304	I5S-305	75	6	VCP	C	0	0	0	0	0	0			2007	
I5S-305_I5S-306	I5S-305	I5S-306	274	6	VCP	C	0	0	0	0	0	0	Y		2009	
I5S-306_I6S-103	I5S-306	I6S-103	314	8	VCP	C	0	0	0	37	4	17			2007	
I5S-307_I5S-303	I5S-307	I5S-303	192	6	VCP	C	1	1	1	0	0	0			2007	
I5S-308_I5S-307	I5S-308	I5S-307	169	6	VCP	C	0	0	0	0	0	0			2007	
I5S-309_I5S-302	I5S-309	I5S-302	181	8	VCP	C	0	0	0	22	2	11			2007	
I5S-402_I4S-603	I5S-402	I4S-603	177	6	VCP	C	1	1	1	0	0	0			2007	
I5S-403_I5S-102	I5S-403	I5S-102	253	6	VCP	C	0	0	0	5	3	2	Y		2007	
I5S-404_I5S-115	I5S-404	I5S-115	274	6	VCP	C	0	0	0	0	0	0			2007	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
ISS-404_ISS-405	ISS-404	ISS-405	294	6	VCP	C	0	0	0	0	0	0			2007	
ISS-405_ISS-506	ISS-405	ISS-506	229	6	VCP	C	0	0	0	0	0	0			2007	
ISS-406_ISS-610	ISS-406	ISS-610	351	6	VCP	C	1	1	2	10	3	9	Y	3	2007	
ISS-407_ISS-609	ISS-407	ISS-609	336	6	VCP	C	2	1	2	3	2	2	Y		2007	
ISS-408_ISS-513	ISS-408	ISS-513	381	6	VCP	C	0	0	0	0	0	0	Y		2009	
ISS-409_ISS-404	ISS-409	ISS-404	72	6	VCP	C	0	0	0	0	0	0			2007	
ISS-410_ISS-408	ISS-410	ISS-408	354	6	VCP	C	0	0	0	0	0	0	Y		2009	
ISS-411_ISS-407	ISS-411	ISS-407	165	6	VCP	C	0	0	0	9	4	3	Y		2007	
ISS-501_ISS-512	ISS-501	ISS-512	345	6	VCP	C	0	0	0	0	0	0	Y		2009	
ISS-502_ISS-514	ISS-502	ISS-514	346	6	VCP	C	1	1	1	0	0	0	Y		2009	
ISS-503_ISS-515	ISS-503	ISS-515	364	6	VCP	C	0	0	0	0	0	0	Y		2009	
ISS-504_ISS-503	ISS-504	ISS-503	184	6	VCP	C	0	0	0	0	0	0	Y		2009	
ISS-505_ISS-204	ISS-505	ISS-204	200	6	VCP	C	1	1	1	4	2	3	Y		2007	
ISS-506_ISS-205	ISS-506	ISS-205	309	6	VCP	C	0	0	0	0	0	0			2007	
ISS-507_ISS-207	ISS-507	ISS-207	311	6	VCP	C	0	0	0	0	0	0	Y		2009	
ISS-508_ISS-507	ISS-508	ISS-507	140	6	VCP	C	3	1	3	1	1	1	Y		2007	
ISS-509_ISS-507	ISS-509	ISS-507	206	6	VCP	C	0	0	0	14	4	4	Y	4	2009	
ISS-510_ISS-509	ISS-510	ISS-509	276	6	VCP	C	0	0	0	0	0	0			2007	
ISS-511_ISS-602	ISS-511	ISS-602	354	6	VCP	C	0	0	0	0	0	0	Y		2009	
ISS-512_ISS-513	ISS-512	ISS-513	337	6	VCP	C	0	0	0	0	0	0	Y		2009	
ISS-513_ISS-510	ISS-513	ISS-510	374	6	VCP	C	0	0	0	5	3	2	Y	3	2009	
ISS-514_ISS-510	ISS-514	ISS-510	333	6	VCP	C	1	1	1	0	0	0	Y		2009	
ISS-515_ISS-511	ISS-515	ISS-511	304	6	VCP	C	2	1	2	0	0	0	Y		2009	
ISS-601_ISS-503	ISS-601	ISS-503	295	6	VCP	C	0	0	0	5	3	2	Y	3	2009	
ISS-602_ISS-603	ISS-602	ISS-603	128	6	VCP	C	0	0	0	0	0	0	Y		2009	
ISS-603_ISS-607	ISS-603	ISS-607	167	6	VCP	C	2	2	1	4	4	1	Y		2009	
ISS-604_ISS-602	ISS-604	ISS-602	209	6	VCP	C	0	0	0	3	3	1	Y	3	2009	
ISS-605_ISS-604	ISS-605	ISS-604	209	6	VCP	C	1	1	1	0	0	0	Y		2009	
ISS-606_ISS-607	ISS-606	ISS-607	400	6	VCP	C	0	0	0	0	0	0	Y		2009	
ISS-607_ISS-608	ISS-607	ISS-608	184	6	VCP	C	0	0	0	18	5	6			2007	
ISS-608_ISS-401	ISS-608	ISS-401	432	6	VCP	C	0	0	0	39	3	17			2007	
ISS-609_ISS-610	ISS-609	ISS-610	110	6	VCP	C	0	0	0	13	2	9	Y		2007	
ISS-610_ISS-402	ISS-610	ISS-402	163	6	VCP	C	0	0	1	12	2	9	Y		2007	
ISS-104_ISS-103	ISS-104	ISS-103	523	18	VCP	C	0	0	0	0	0	0	Y		2009	
ISS-401_ISS-402	ISS-401	ISS-402	191	18	VCP	C	0	0	0	0	0	0	Y		2009	
ISS-402_ISS-104	ISS-402	ISS-104	323	18	VCP	C	0	0	0	2	2	1	Y		2009	
ISS-403_ISS-405	ISS-403	ISS-405	335	15	VCP	C	0	0	0	0	0	0	Y		2009	C
ISS-404_ISS-401	ISS-404	ISS-401	402	15	VCP	C	0	0	0	0	0	0	Y		2009	C
ISS-501_ISS-403	ISS-501	ISS-403	213	15	VCP	C	0	0	0	3	3	1	Y	3	2009	C
ISS-502_ISS-501	ISS-502	ISS-501	357	15	VCP	C	0	0	0	2	2	1	Y		2009	C
ISS-503_ISS-502	ISS-503	ISS-502	58	6	VCP	C	0	0	0	7	4	3	Y	4	2007	
ISS-401_ISS-402	ISS-401	ISS-402	286	6	VCP	C	0	0	0	11	4	4	Y	4	2007	
ISS-402_ISS-501	ISS-402	ISS-501	300	6	VCP	C	0	0	0	7	4	3	Y	4	2007	
ISS-403_ISS-405	ISS-403	ISS-405	96	6	VCP	C	0	0	0	0	0	0			2007	
ISS-501_ISS-502	ISS-501	ISS-502	153	6	VCP	C	0	0	0	15	4	4		4	2010	
ISS-502_ISS-401	ISS-502	ISS-401	291	6	VCP	C	0	0	0	14	4	5	Y		2007	
ISS-503_ISS-508	ISS-503	ISS-508	320	6		B	4	4	1	17	5	4		4	2010	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
I7S-504_I7S-503	I7S-504	I7S-503	317	6	VCP	C	0	0	0	7	4	2		4	2010	
I7S-505_I7S-504	I7S-505	I7S-504	34	6	VCP	C	0	0	0	3	3	1		3	2010	
I7S-506_I7S-502	I7S-506	I7S-502	171	6	VCP	C	1	1	1	0	0	0			2007	
I7S-507_I7S-501	I7S-507	I7S-501	146	6	VCP	C	0	0	0	0	0	0			2007	
J3S-201_J3S-202	J3S-201	J3S-202	386	8	VCP	B	5	5	1	11	3	4	Y	3	2009	
J3S-202_J3S-301	J3S-202	J3S-301	362	12	VCP	C	0	0	0	0	0	0	Y		2009	
J3S-206_J3S-207	J3S-206	J3S-207	57	12	VCP	C	0	0	0	0	0	0	Y		2009	
J3S-207_J3S-202	J3S-207	J3S-202	388	12	VCP	C	0	0	0	0	0	0	Y		2009	
J3S-301_J3S-606	J3S-301	J3S-606	362	12	VCP	C	0	0	0	0	0	0	Y		2009	
J3S-302_J3S-605	J3S-302	J3S-605	323	6	VCP	A	20	5	7	0	0	0	Y		2009	
J3S-304_J4S-108	J3S-304	J4S-108	381	6	VCP	C	0	0	0	6	4	3			2007	
J3S-305_J3S-304	J3S-305	J3S-304	252	6	VCP	C	0	0	0	2	2	1			2007	
J3S-306_J3S-307	J3S-306	J3S-307	134	6	VCP	C	0	0	0	9	3	7			2007	
J3S-307_J3S-305	J3S-307	J3S-305	146	6	VCP	C	0	0	0	2	2	1			2007	
J3S-501_J3S-504	J3S-501	J3S-504	276	6	VCP	C	0	0	0	4	2	2	Y		2009	
J3S-502_J3S-501	J3S-502	J3S-501	160	6	VCP	C	0	0	0	2	2	1			2007	
J3S-503_J3S-502	J3S-503	J3S-502	367	6	VCP	C	2	2	1	3	2	2	Y		2007	
J3S-505_J3S-514	J3S-505	J3S-514	186	8	VCP	C	0	0	0	0	0	0	Y		2009	
J3S-507_J3S-206	J3S-507	J3S-206	335	8	VCP	C	0	0	0	4	2	2	Y		2009	
J3S-509_J3S-604	J3S-509	J3S-604	187	6	VCP	C	2	1	4	2	2	1			2007	
J3S-510_J3S-511	J3S-510	J3S-511	196	6	VCP	B	4	1	8	11	4	7	Y	4	2007	
J3S-511_J3S-509	J3S-511	J3S-509	291	6	VCP	C	0	0	0	3	2	3			2007	
J3S-512_J3S-511	J3S-512	J3S-511	142	6	VCP	C	0	0	0	2	2	1			2007	
J3S-513_J3S-512	J3S-513	J3S-512	179	6	VCP	B	5	5	2	2	2	1			2007	
J3S-514_J3S-507	J3S-514	J3S-507	101	8	VCP	C	0	0	0	6	3	2	Y		2009	
J3S-601_J3S-606	J3S-601	J3S-606	75	6	VCP	C	0	0	0	3	3	1	Y		2009	
J3S-602_J3S-306	J3S-602	J3S-306	298	6	VCP	C	3	2	4	2	2	1			2007	
J3S-603_J3S-602	J3S-603	J3S-602	176	6	VCP	C	0	0	0	19	5	5	Y		2009	
J3S-604_J3S-605	J3S-604	J3S-605	233	8	VCP	B	8	4	2	4	2	2	Y		2009	
J3S-605_J3S-505	J3S-605	J3S-505	375	8	VCP	C	0	0	0	0	0	0	Y		2009	
J3S-606_J3S-605	J3S-606	J3S-605	312	6	VCP	C	1	1	2	12	4	7		4	2007	
J3S-607_J3S-602	J3S-607	J3S-602	244	6	VCP	C	2	2	4	3	2	3	Y		2007	
J4P-103_J4S-106	J4P-103	J4S-106	148	6	VCP	C	0	0	0	5	5	1	Y		2007	
J4S-100_J4S-413	J4S-100	J4S-413	262	6	VCP	C	0	0	0	2	2	1			2007	
J4S-101_J4S-106	J4S-101	J4S-106	104	6	VCP	C	0	0	0	8	2	4			2007	
J4S-102_J4P-101	J4S-102	J4P-101	67	6	VCP	C	2	1	2	0	0	0	Y		2009	
J4S-103_J4S-111	J4S-103	J4S-111	182	6	VCP	C	0	0	0	0	0	0			2007	
J4S-104_J4S-103	J4S-104	J4S-103	212	6	VCP	C	0	0	0	0	0	0			2007	
J4S-105_J4P-104	J4S-105	J4P-104	106	6	VCP	C	0	0	0	4	4	1	Y		2007	
J4S-106_J4S-107	J4S-106	J4S-107	148	6	VCP	C	1	1	1	4	2	2			2007	
J4S-107_J3S-307	J4S-107	J3S-307	273	6	VCP	C	1	1	1	2	2	1			2007	
J4S-108_J4S-409	J4S-108	J4S-409	338	6	VCP	C	0	0	0	10	2	5			2007	
J4S-109_J4S-411	J4S-109	J4S-411	258	6	VCP	B	7	2	5	4	2	4			2007	
J4S-110_J4S-111	J4S-110	J4S-111	162	6	VCP	C	0	0	0	2	2	1			2007	
J4S-111_J4S-212	J4S-111	J4S-212	197	6	VCP	C	1	1	1	2	2	1			2007	
J4S-202_J4S-209	J4S-202	J4S-209	299	6	VCP	C	0	0	0	0	0	0	Y		2009	
J4S-203_J4S-502	J4S-203	J4S-502	290	8	VCP	C	0	0	0	3	3	1	Y	3	2009	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
J4S-204_J4S-503	J4S-204	J4S-503	350	6	VCP	C	1	1	1	0	0	0	Y		2009	
J4S-205_J4S-203	J4S-205	J4S-203	346	8	VCP	B	4	4	1	31	3	13	Y		2009	
J4S-206_J4S-204	J4S-206	J4S-204	350	6	VCP	C	0	0	0	0	0	0	Y		2009	
J4S-207_J4S-210	J4S-207	J4S-210	399	6	VCP	C	2	2	1	2	2	1			2007	
J4S-208_J4S-207	J4S-208	J4S-207	157	6	VCP	C	0	0	0	0	0	0			2007	
J4S-209_J4S-201	J4S-209	J4S-201	140	6	VCP	C	1	1	1	0	0	0			2007	
J4S-210_J4S-211	J4S-210	J4S-211	48	6	VCP	C	0	0	0	3	3	1		3	2007	
J4S-211_J4S-209	J4S-211	J4S-209	135	6	VCP	C	0	0	0	3	3	1		3	2007	
J4S-212_J4S-211	J4S-212	J4S-211	187	6	VCP	C	0	0	0	0	0	0			2007	
J4S-213_J4S-205	J4S-213	J4S-205	346	8	VCP	C	0	0	0	56	4	20	Y	4	2009	
J4S-214_J4S-210	J4S-214	J4S-210	281	6	VCP	C	0	0	0	9	4	3		3	2007	
J4S-215_J4S-214	J4S-215	J4S-214	281	6	VCP	C	0	0	0	8	3	3		3	2007	
J4S-216_J4S-311	J4S-216	J4S-311	353	6	VCP	C	0	0	0	34	3	19	Y	3	2007	
J4S-301_J4S-302	J4S-301	J4S-302	112	6	VCP	C	0	0	0	34	4	11	Y		2009	
J4S-302_J4S-303	J4S-302	J4S-303	32	6	VCP	C	0	0	0	7	4	2	Y	4	2009	
J4S-303_J4S-308	J4S-303	J4S-308	168	6	VCP	C	2	2	1	38	4	12	Y	4	2009	
J4S-304_J4S-309	J4S-304	J4S-309	271	6	VCP	C	0	0	0	18	4	9	Y	4	2007	
J4S-305_J4S-306	J4S-305	J4S-306	233	6	VCP	C	0	0	0	17	3	6		3	2007	
J4S-306_J4S-310	J4S-306	J4S-310	277	6	VCP	C	0	0	0	17	4	7		3	2007	
J4S-307_J4S-301	J4S-307	J4S-301	121	6	VCP	C	0	0	0	12	3	9	Y	3	2007	
J4S-308_J4S-309	J4S-308	J4S-309	273	6	VCP	C	0	0	0	9	3	5	Y	3	2007	
J4S-309_J4S-305	J4S-309	J4S-305	132	6	VCP	C	0	0	0	10	3	5	Y	3	2007	
J4S-310_J4S-311	J4S-310	J4S-311	308	6	VCP	C	0	0	0	18	4	6	Y	4	2009	
J4S-311_J4S-613	J4S-311	J4S-613	213	6	VCP	C	0	0	0	20	4	6	Y	4	2009	
J4S-312_J4S-213	J4S-312	J4S-213	350	8	VCP	C	0	0	0	18	4	6	Y	4	2009	
J4S-313_J4S-206	J4S-313	J4S-206	350	6	VCP	C	0	0	0	0	0	0	Y		2009	
J4S-314_J4S-315	J4S-314	J4S-315	139	6	VCP	C	0	0	0	2	1	2	Y		2007	
J4S-315_J4S-313	J4S-315	J4S-313	336	6	VCP	C	1	1	1	6	3	2		3	2007	
J4S-316_J4S-312	J4S-316	J4S-312	328	8	VCP	C	0	0	0	10	3	4	Y	3	2009	
J4S-401_J4S-404	J4S-401	J4S-404	144	6	VCP	C	0	0	0	6	2	3			2007	
J4S-402_J4S-404	J4S-402	J4S-404	67	6	VCP	C	0	0	0	2	2	1			2007	
J4S-403_J4S-208	J4S-403	J4S-208	154	6	VCP	C	0	0	0	0	0	0			2007	
J4S-404_J4S-405	J4S-404	J4S-405	150	6	VCP	C	1	1	1	2	2	1			2007	
J4S-405_J4S-101	J4S-405	J4S-101	337	6	VCP	C	1	1	1	3	2	3	Y		2007	
J4S-406_J3S-603	J4S-406	J3S-603	285	6	VCP	C	0	0	0	26	3	9	Y		2009	
J4S-407_J4S-406	J4S-407	J4S-406	208	6	VCP	C	0	0	0	2	2	1			2007	
J4S-408_J4S-403	J4S-408	J4S-403	332	6	VCP	C	1	1	1	0	0	0			2007	
J4S-409_J4S-408	J4S-409	J4S-408	77	6	VCP	C	0	0	0	0	0	0			2007	
J4S-410_J4S-409	J4S-410	J4S-409	77	6	VCP	C	0	0	0	4	2	2			2007	
J4S-411_J4S-410	J4S-411	J4S-410	219	6	VCP	C	0	0	0	2	2	2			2007	
J4S-413_J4S-411	J4S-413	J4S-411	162	6	VCP	C	0	0	0	2	2	1			2007	
J4S-414_J4S-407	J4S-414	J4S-407	239	6	VCP	B	8	5	2	5	3	2	Y		2009	
J4S-501_J4S-502	J4S-501	J4S-502	100	6	VCP	C	0	0	0	0	0	0	Y		2007	
J4S-502_J4S-409	J4S-502	J4S-409	229	6	VCP	C	0	0	0	4	3	2	Y		2007	
J4S-503_J4S-518	J4S-503	J4S-518	285	6	VCP	C	0	0	0	5	3	2	Y		2009	
J4S-504_J4S-609	J4S-504	J4S-609	113	6	VCP	C	0	0	0	0	0	0			2007	
J4S-505_J4S-501	J4S-505	J4S-501	203	6	VCP	C	0	0	0	1	1	1	Y		2007	



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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
J4S-506_J4S-503	J4S-506	J4S-503	80	6	VCP	C	0	0	0	0	0	0	Y		2009	
J4S-507_J4S-208	J4S-507	J4S-208	219	6	VCP	C	0	0	0	2	2	1			2007	
J4S-508_J4S-507	J4S-508	J4S-507	118	6	VCP	C	0	0	0	0	0	0			2007	
J4S-509_J4S-608	J4S-509	J4S-608	385	6	VCP	C	0	0	0	14	5	4	Y		2009	
J4S-510_J4S-612	J4S-510	J4S-612	257	6	VCP	C	0	0	0	0	0	0	Y		2009	
J4S-511_J4S-510	J4S-511	J4S-510	249	6	VCP	C	0	0	0	10	4	3	Y	4	2009	
J4S-512_J4S-513	J4S-512	J4S-513	125	6	VCP	C	0	0	0	0	0	0	Y		2009	
J4S-513_J4S-511	J4S-513	J4S-511	140	6	VCP	C	0	0	0	0	0	0	Y		2009	
J4S-514_J4S-513	J4S-514	J4S-513	248	6	VCP	C	1	1	1	0	0	0	Y		2009	
J4S-516_J4S-517	J4S-516	J4S-517	56	6	VCP	C	0	0	0	0	0	0	Y		2009	
J4S-517_J4S-515	J4S-517	J4S-515	204	6	VCP	C	0	0	0	3	3	1	Y		2009	
J4S-518_J4S-517	J4S-518	J4S-517	37	6	VCP	C	0	0	0	0	0	0	Y		2009	
J4S-519_J4S-215	J4S-519	J4S-215	352	6	VCP	C	0	0	0	10	3	4	Y	3	2007	
J4S-602_J4S-613	J4S-602	J4S-613	373	8	VCP	C	0	0	0	58	4	20	Y	3	2009	
J4S-603_J4S-307	J4S-603	J4S-307	239	6	VCP	B	5	4	2	5	1	5	Y		2007	
J4S-604_J5S-402	J4S-604	J5S-402	176	8	VCP	C	0	0	0	0	0	0	Y		2009	
J4S-605_J4S-610	J4S-605	J4S-610	422	6	VCP	C	0	0	0	0	0	0			2007	
J4S-606_J4S-607	J4S-606	J4S-607	316	6	VCP	C	0	0	0	0	0	0	Y		2009	
J4S-607_J4S-610	J4S-607	J4S-610	186	6	VCP	C	0	0	0	0	0	0	Y		2009	
J4S-608_J4S-607	J4S-608	J4S-607	99	6	VCP	C	0	0	0	0	0	0	Y		2009	
J4S-609_K4S-314	J4S-609	K4S-314	266	6	VCP	C	0	0	0	0	0	0			2007	
J4S-610_J4S-611	J4S-610	J4S-611	341	6	VCP	C	0	0	0	2	2	1	Y		2007	
J4S-611_J4S-612	J4S-611	J4S-612	154	6	VCP	C	0	0	0	0	0	0			2007	
J4S-612_J4S-519	J4S-612	J4S-519	211	6	VCP	C	0	0	0	10	3	4	Y	3	2007	
J4S-613_J4S-316	J4S-613	J4S-316	369	8	VCP	C	3	2	2	57	5	20	Y		2009	
J5S-101_J5S-201	J5S-101	J5S-201	231	6	VCP	C	0	0	0	8	2	4			2007	
J5S-102_J5S-208	J5S-102	J5S-208	255	6	VCP	C	0	0	0	32	2	16			2007	
J5S-103_J5S-410	J5S-103	J5S-410	347	6	VCP	C	0	0	0	0	0	0	Y		2009	
J5S-104_J5S-103	J5S-104	J5S-103	225	6	VCP	C	0	0	0	6	3	2	Y		2009	
J5S-105_J5S-112	J5S-105	J5S-112	351	6	VCP	C	2	2	1	22	4	10	Y		2007	
J5S-106_J4S-307	J5S-106	J4S-307	323	6	VCP	C	1	1	1	3	3	1	Y		2007	
J5S-107_J5S-106	J5S-107	J5S-106	199	6	VCP	C	1	1	1	11	2	8	Y		2007	
J5S-108_J4S-308	J5S-108	J4S-308	349	6	VCP	C	1	1	1	20	3	11	Y	3	2007	
J5S-109_J5S-108	J5S-109	J5S-108	279	6	VCP	C	0	0	0	5	3	2		3	2007	
J5S-110_J4S-306	J5S-110	J4S-306	354	6	VCP	C	0	0	0	36	3	13	Y		2007	
J5S-111_J5S-110	J5S-111	J5S-110	362	6	VCP	C	0	0	0	31	3	16	Y	3	2007	
J5S-112_J5S-111	J5S-112	J5S-111	346	6	VCP	C	0	0	0	73	4	26	Y		2007	
J5S-113_J4S-305	J5S-113	J4S-305	311	6	VCP	C	0	0	0	38	3	12	Y		2007	
J5S-201_J5S-208	J5S-201	J5S-208	284	6	VCP	C	0	0	0	26	2	13			2007	
J5S-202_J5S-201	J5S-202	J5S-201	174	6	VCP	C	0	0	0	10	2	5			2007	
J5S-203_J5S-204	J5S-203	J5S-204	301	6	VCP	C	0	0	0	7	5	2			2007	
J5S-204_J5S-205	J5S-204	J5S-205	314	6	VCP	C	0	0	0	282	5	2			2007	
J5S-205_J5S-206	J5S-205	J5S-206	274	6	VCP	C	0	0	0	267	5	2			2007	
J5S-206_J5S-502	J5S-206	J5S-502	344	6	VCP	C	1	1	1	0	0	0	Y		2009	
J5S-207_J5S-206	J5S-207	J5S-206	247	6	VCP	C	0	0	0	0	0	0	Y		2009	
J5S-208_J5S-501	J5S-208	J5S-501	340	6	VCP	C	1	1	1	0	0	0	Y		2009	
J5S-209_J5S-322	J5S-209	J5S-322	234	6	VCP	C	0	0	0	6	2	3			2007	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
J5S-210_J5S-209	J5S-210	J5S-209	326	6	VCP	B	4	2	2	32	5	2			2007	
J5S-212_J5S-211	J5S-212	J5S-211	266	6	VCP	C	2	2	1	247	5	2			2007	
J5S-301_J5S-302	J5S-301	J5S-302	339	6	VCP	B	5	3	2	24	2	13	Y		2007	
J5S-302_J5S-323	J5S-302	J5S-323	135	6	VCP	C	0	0	0	2	2	1			2007	
J5S-303_J6S-402	J5S-303	J6S-402	320	6	VCP	C	0	0	0	0	0	0	Y		2009	
J5S-304_J6S-109	J5S-304	J6S-109	184	6	VCP	C	2	1	2	2	2	1			2007	
J5S-305_J5S-304	J5S-305	J5S-304	113	6	VCP	C	0	0	0	2	2	1			2007	
J5S-306_J5S-304	J5S-306	J5S-304	270	6	VCP	B	5	1	5	14	2	7			2007	
J5S-307_J5S-306	J5S-307	J5S-306	128	6	VCP	B	5	1	5	6	2	3			2007	
J5S-308_J5S-309	J5S-308	J5S-309	101	6	VCP	C	0	0	0	0	0	0	Y		2009	
J5S-309_J5S-306	J5S-309	J5S-306	290	6	VCP	C	0	0	0	7	3	3	Y		2009	
J5S-310_J5S-309	J5S-310	J5S-309	119	6	VCP	C	0	0	0	0	0	0	Y		2009	
J5S-311_J6S-110	J5S-311	J6S-110	115	6	VCP	C	0	0	0	8	2	4	Y		2009	
J5S-312_J5S-311	J5S-312	J5S-311	122	6	VCP	C	0	0	0	0	0	0			2008	
J5S-313_J5S-312	J5S-313	J5S-312	121	6	VCP	C	0	0	0	0	0	0			2008	
J5S-314_J5S-313	J5S-314	J5S-313	44	6	VCP	C	0	0	0	0	0	0			2008	
J5S-315_J5S-318	J5S-315	J5S-318	127	6	VCP	C	0	0	0	10	2	5			2007	
J5S-316_J5S-318	J5S-316	J5S-318	108	6	VCP	C	0	0	0	0	0	0	Y		2009	
J5S-317_J5S-320	J5S-317	J5S-320	198	6	VCP	C	0	0	0	12	2	6			2007	
J5S-318_J5S-317	J5S-318	J5S-317	80	6	VCP	C	0	0	0	8	2	4			2007	
J5S-319_J5S-314	J5S-319	J5S-314	141	6	VCP	C	0	0	0	0	0	0			2008	
J5S-320_J5S-319	J5S-320	J5S-319	124	6	VCP	C	0	0	0	12	2	6			2007	
J5S-321_J5S-315	J5S-321	J5S-315	139	6	VCP	C	0	0	0	12	2	6			2007	
J5S-322_J5S-321	J5S-322	J5S-321	98	6	VCP	C	0	0	0	6	2	3			2007	
J5S-323_J5S-324	J5S-323	J5S-324	71	6	VCP	C	0	0	0	6	2	3			2007	
J5S-324_J5S-321	J5S-324	J5S-321	294	6	VCP	C	0	0	0	14	4	5			2007	
J5S-401_J5S-402	J5S-401	J5S-402	179	6	VCP	C	0	0	0	19	2	13	Y		2007	
J5S-402_J5S-403	J5S-402	J5S-403	211	8	VCP	C	1	1	1	0	0	0	Y		2009	
J5S-403_J4S-602	J5S-403	J4S-602	356	8	VCP	C	0	0	0	14	4	5	Y	4	2009	
J5S-404_J5S-406	J5S-404	J5S-406	230	6	VCP	C	0	0	0	4	2	2			2007	
J5S-405_J5S-406	J5S-405	J5S-406	177	6	VCP	C	0	0	0	46	3	16	Y	3	2007	
J5S-406_J5S-407	J5S-406	J5S-407	232	6	VCP	C	1	1	1	33	3	14	Y		2007	
J5S-407_J4S-603	J5S-407	J4S-603	336	6	VCP	C	0	0	0	23	3	13	Y	3	2007	
J5S-408_J5S-407	J5S-408	J5S-407	120	6	VCP	C	0	0	0	5	2	4	Y		2007	
J5S-409_J5S-105	J5S-409	J5S-105	348	6	VCP	B	4	2	2	40	4	13	Y		2007	
J5S-410_J5S-409	J5S-410	J5S-409	351	6	VCP	C	0	0	0	1	1	1	Y		2007	
J5S-411_J5S-412	J5S-411	J5S-412	81	6	VCP	C	0	0	0	27	3	11	Y		2007	
J5S-412_J5S-413	J5S-412	J5S-413	78	6	VCP	C	0	0	0	0	0	0			2007	
J5S-413_J5S-410	J5S-413	J5S-410	352	6	VCP	C	0	0	0	0	0	0			2007	
J5S-414_J5S-411	J5S-414	J5S-411	235	6	VCP	C	1	1	1	6	2	3			2007	
J5S-415_J5S-506	J5S-415	J5S-506	202	6	VCP	C	0	0	0	0	0	0	Y		2009	
J5S-416_J5S-516	J5S-416	J5S-516	238	6	VCP	C	0	0	0	0	0	0	Y		2009	
J5S-417_J5S-416	J5S-417	J5S-416	129	6	VCP	C	1	1	1	0	0	0	Y		2009	
J5S-501_J5S-502	J5S-501	J5S-502	149	6	VCP	C	0	0	0	21	2	13	Y		2007	
J5S-502_J5S-604	J5S-502	J5S-604	222	6	VCP	C	3	3	1	46	5	14	Y		2009	
J5S-503_J5S-502	J5S-503	J5S-502	216	6	VCP	C	0	0	0	46	3	14	Y		2007	
J5S-504_J5S-503	J5S-504	J5S-503	181	6	VCP	C	0	0	0	19	2	11	Y		2007	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
J5S-505_J5S-517	J5S-505	J5S-517	366	6	VCP	C	0	0	0	6	2	3			2007	
J5S-506_J5S-507	J5S-506	J5S-507	14	6	VCP	C	0	0	0	0	0	0	Y		2009	
J5S-507_J5S-508	J5S-507	J5S-508	48	6	VCP	C	0	0	0	0	0	0	Y		2009	
J5S-508_J5S-509	J5S-508	J5S-509	328	6	VCP	C	0	0	0	26	2	13			2007	
J5S-509_J5S-518	J5S-509	J5S-518	282	6	VCP	C	0	0	0	8	2	4			2007	
J5S-511_J5S-616	J5S-511	J5S-616	304	6	VCP	C	0	0	0	270	5	7	Y		2007	
J5S-512_J5S-511	J5S-512	J5S-511	266	6	VCP	C	0	0	0	233	5	13	Y		2007	
J5S-513_J5S-514	J5S-513	J5S-514	344	6	VCP	C	0	0	0	0	0	0			2007	
J5S-515_J5S-514	J5S-515	J5S-514	174	6	VCP	C	1	1	1	16	2	8			2007	
J5S-516_J5S-517	J5S-516	J5S-517	251	6	VCP	C	0	0	0	0	0	0	Y		2009	
J5S-517_J5S-515	J5S-517	J5S-515	272	6	VCP	C	0	0	0	20	2	10			2007	
J5S-518_J5S-617	J5S-518	J5S-617	336	6	VCP	C	0	0	0	6	2	3			2007	
J5S-601_J5S-602	J5S-601	J5S-602	185	6	VCP	C	1	1	1	2	2	1	Y		2009	
J5S-602_J5S-612	J5S-602	J5S-612	149	6	VCP	C	0	0	0	35	2	20	Y		2007	
J5S-603_J5S-614	J5S-603	J5S-614	130	6	VCP	C	0	0	0	0	0	0	Y		2009	
J5S-604_J5S-603	J5S-604	J5S-603	47	6	VCP	C	0	0	0	2	2	1	Y		2009	
J5S-605_J5S-614	J5S-605	J5S-614	447	6	VCP	A	19	2	10	0	0	0			2007	
J5S-608_J6S-405	J5S-608	J6S-405	213	6	VCP	C	0	0	0	34	2	21			2007	
J5S-609_J5S-608	J5S-609	J5S-608	126	6	VCP	C	1	1	1	2	2	1			2007	
J5S-610_J5S-609	J5S-610	J5S-609	202	6	VCP	C	0	0	0	2	2	1			2007	
J5S-611_J5S-602	J5S-611	J5S-602	82	6	VCP	C	0	0	0	11	4	3	Y	4	2009	
J5S-612_J6S-404	J5S-612	J6S-404	235	6	VCP	C	0	0	0	26	2	12	Y		2007	
J5S-613_J5S-611	J5S-613	J5S-611	209	6	VCP	C	0	0	0	36	4	12	Y	3	2009	
J5S-614_J5S-615	J5S-614	J5S-615	153	6	VCP	C	1	1	1	10	2	7	Y		2007	
J5S-615_J5S-613	J5S-615	J5S-613	203	6	VCP	C	0	0	0	27	2	14	Y		2007	
J5S-616_J5S-615	J5S-616	J5S-615	118	6	VCP	C	0	0	0	40	4	18		4	2007	
J5S-617_J5S-618	J5S-617	J5S-618	344	6	VCP	C	1	1	1	137	4	43	Y		2007	
J5S-618_K5S-307	J5S-618	K5S-307	348	6	VCP	C	0	0	0	127	4	56	Y		2007	
J6S-101_J6S-106	J6S-101	J6S-106	39	6	VCP	C	1	1	1	0	0	0			2007	
J6S-102_J6S-101	J6S-102	J6S-101	364	6	VCP	C	0	0	0	30	2	15			2007	
J6S-103_J6S-206	J6S-103	J6S-206	347	6	VCP	C	0	0	0	24	4	8	Y	4	2009	
J6S-106_J6S-109	J6S-106	J6S-109	389	15	VCP	C	0	0	0	0	0	0	Y		2009	
J6S-109_J6S-504	J6S-109	J6S-504	94	15	VCP	C	0	0	0	0	0	0	Y		2009	
J6S-110_J6S-106	J6S-110	J6S-106	134	15	VCP	C	0	0	0	9	5	2	Y		2009	
J6S-111_J6S-119	J6S-111	J6S-119	208	6	VCP	C	0	0	0	3	3	1	Y	3	2009	
J6S-112_J6S-403	J6S-112	J6S-403	346	6	VCP	C	0	0	0	2	2	1			2007	
J6S-113_J6S-112	J6S-113	J6S-112	356	6	VCP	C	0	0	0	3	3	1		3	2007	
J6S-114_J6S-107	J6S-114	J6S-107	260	6	VCP	B	4	1	4	28	2	14			2007	
J6S-115_J6S-208	J6S-115	J6S-208	347	6	VCP	C	0	0	0	4	2	2			2007	
J6S-116_J6S-115	J6S-116	J6S-115	350	6	VCP	C	0	0	0	4	2	2			2007	
J6S-117_J6S-212	J6S-117	J6S-212	312	6	VCP	C	0	0	0	6	2	3			2007	
J6S-118_J6S-111	J6S-118	J6S-111	151	6	VCP	C	0	0	0	0	0	0	Y		2009	
J6S-119_J6S-117	J6S-119	J6S-117	303	6	VCP	C	0	0	0	0	0	0			2007	
J6S-120_J6S-111	J6S-120	J6S-111	270	6	VCP	C	0	0	0	12	3	4	Y	3	2009	
J6S-201_J6S-502	J6S-201	J6S-502	396	15	VCP	C	0	0	0	0	0	0	Y		2009	C
J6S-202_J6S-201	J6S-202	J6S-201	95	6	VCP	C	0	0	0	5	3	3	Y		2007	
J6S-203_J6S-214	J6S-203	J6S-214	270	8	VCP	C	0	0	0	29	4	9	Y	4	2009	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
J6S-204_J6S-203	J6S-204	J6S-203	190	8	VCP	C	0	0	0	28	4	8	Y	4	2009	
J6S-205_J6S-204	J6S-205	J6S-204	94	6	VCP	C	0	0	0	2	2	1			2007	
J6S-206_J6S-205	J6S-206	J6S-205	78	6	VCP	C	0	0	0	5	3	2	Y	3	2009	
J6S-207_J6S-112	J6S-207	J6S-112	162	6	VCP	C	0	0	0	7	4	2	Y	3	2007	
J6S-208_J6S-211	J6S-208	J6S-211	273	6	VCP	C	0	0	0	6	4	2		4	2007	
J6S-209_J6S-210	J6S-209	J6S-210	199	15	VCP	C	0	0	0	0	0	0	Y		2009	C
J6S-210_J6S-201	J6S-210	J6S-201	289	15	VCP	C	0	0	0	10	5	2	Y		2009	C
J6S-211_J6S-210	J6S-211	J6S-210	234	6	VCP	C	2	2	1	16	5	6	Y		2007	
J6S-212_J6S-211	J6S-212	J6S-211	117	6	VCP	C	0	0	0	1	1	1	Y		2007	
J6S-213_J6S-215	J6S-213	J6S-215	160	6	VCP	C	0	0	0	4	2	3	Y		2007	
J6S-214_J6S-215	J6S-214	J6S-215	293	8	VCP	C	0	0	0	7	4	2	Y	4	2009	
J6S-215_J6S-209	J6S-215	J6S-209	276	8	VCP	C	0	0	0	9	3	3	Y	3	2009	
J6S-301_J6S-209	J6S-301	J6S-209	456	15	VCP	C	0	0	0	3	3	1	Y		2009	C
J6S-302_J6S-305	J6S-302	J6S-305	266	12	VCP	C	0	0	0	6	3	2	Y		2009	C
J6S-303_J6S-308	J6S-303	J6S-308	182	6	VCP	C	1	1	1	19	4	7	Y	4	2007	
J6S-304_J6S-305	J6S-304	J6S-305	390	6	VCP	C	1	1	1	14	4	6	Y	4	2007	
J6S-305_J6S-306	J6S-305	J6S-306	298	12	VCP	C	0	0	0	3	3	1	Y		2009	C
J6S-306_J6S-307	J6S-306	J6S-307	272	15	VCP	C	0	0	0	9	3	3	Y		2009	C
J6S-307_J6S-301	J6S-307	J6S-301	249	15	VCP	C	0	0	0	5	3	2	Y		2009	C
J6S-308_J6S-302	J6S-308	J6S-302	203	6	VCP	C	1	1	1	7	4	2		4	2007	
J6S-309_J6S-215	J6S-309	J6S-215	283	6	VCP	C	0	0	0	7	4	2		4	2007	
J6S-401_J6S-403	J6S-401	J6S-403	354	6	VCP	C	0	0	0	8	3	3	Y	3	2009	
J6S-402_J6S-110	J6S-402	J6S-110	445	15	VCP	C	0	0	0	0	0	0	Y		2009	
J6S-403_J6S-103	J6S-403	J6S-103	253	6	VCP	C	0	0	0	30	4	10	Y	4	2009	
J6S-404_J6S-402	J6S-404	J6S-402	121	15	VCP	C	0	0	0	0	0	0	Y		2009	
J6S-405_J6S-404	J6S-405	J6S-404	394	15	VCP	C	1	1	1	0	0	0	Y		2009	
J6S-406_J6S-408	J6S-406	J6S-408	124	6	VCP	C	0	0	0	3	3	1	Y	3	2009	
J6S-407_J6S-414	J6S-407	J6S-414	121	6	VCP	C	2	2	1	7	2	4	Y		2009	
J6S-408_J6S-407	J6S-408	J6S-407	185	6	VCP	B	5	3	2	0	0	0	Y		2009	
J6S-409_J6S-408	J6S-409	J6S-408	121	6	VCP	C	0	0	0	0	0	0	Y		2009	
J6S-410_K6S-103	J6S-410	K6S-103	280	6	VCP	C	0	0	0	5	3	2		3	2007	
J6S-411_J6S-410	J6S-411	J6S-410	204	6	VCP	C	1	1	1	2	2	1			2007	
J6S-412_J6S-413	J6S-412	J6S-413	328	6	VCP	C	2	2	1	47	4	17	Y	4	2009	
J6S-414_J6S-413	J6S-414	J6S-413	331	6	VCP	C	0	0	0	68	4	24	Y	4	2009	
J6S-415_J6S-414	J6S-415	J6S-414	118	6	VCP	C	1	1	1	2	2	1			2007	
J6S-501_J6S-512	J6S-501	J6S-512	126	6	VCP	C	0	0	0	10	4	4	Y		2007	
J6S-502_J6S-214	J6S-502	J6S-214	261	6	VCP	C	2	1	2	6	4	3	Y		2007	
J6S-503_J6S-502	J6S-503	J6S-502	278	6	VCP	C	0	0	0	11	4	4	Y		2007	
J6S-504_J6S-510	J6S-504	J6S-510	293	6	VCP	C	0	0	0	46	4	14	Y	4	2009	
J6S-505_J6S-506	J6S-505	J6S-506	105	6	VCP	C	0	0	0	36	5	10	Y	3	2009	
J6S-506_J6S-513	J6S-506	J6S-513	120	6	VCP	C	0	0	0	31	5	9	Y		2009	
J6S-509_J6S-204	J6S-509	J6S-204	400	6	VCP	C	0	0	0	28	4	9	Y	4	2009	
J6S-510_J6S-509	J6S-510	J6S-509	154	6	VCP	C	3	2	2	18	4	5	Y	4	2009	
J6S-511_J6S-505	J6S-511	J6S-505	254	6	VCP	C	0	0	0	46	5	14	Y		2009	
J6S-512_J6S-511	J6S-512	J6S-511	201	6	VCP	C	0	0	0	17	4	7	Y		2007	
J6S-513_J6S-203	J6S-513	J6S-203	278	6	VCP	C	0	0	0	4	2	3	Y		2007	
J6S-514_J6S-608	J6S-514	J6S-608	156	6	VCP	C	0	0	0	4	2	3	Y		2007	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
J6S-601_J6S-613	J6S-601	J6S-613	343	12	VCP	C	0	0	0	0	0	0	Y		2009	C
J6S-602_J6S-613	J6S-602	J6S-613	167	6	VCP	C	0	0	0	4	2	2			2007	
J6S-603_J6S-601	J6S-603	J6S-601	205	6	VCP	C	0	0	0	8	3	4	Y		2007	
J6S-604_J6S-302	J6S-604	J6S-302	285	12	VCP	C	0	0	0	0	0	0	Y		2009	C
J6S-605_J6S-303	J6S-605	J6S-303	314	6	VCP	C	0	0	0	303	5	11	Y		2007	
J6S-606_J6S-605	J6S-606	J6S-605	103	6	VCP	C	0	0	0	7	4	3	Y		2007	
J6S-607_J6S-612	J6S-607	J6S-612	316	6	VCP	B	4	2	2	304	5	6	Y		2007	
J6S-608_J6S-614	J6S-608	J6S-614	321	6	VCP	C	0	0	0	40	4	6	Y	4	2007	
J6S-609_J6S-608	J6S-609	J6S-608	248	6	VCP	B	4	2	4	55	3	36	Y		2007	
J6S-610_J6S-612	J6S-610	J6S-612	101	6	VCP	C	0	0	0	7	4	3	Y	4	2007	
J6S-611_J6S-309	J6S-611	J6S-309	350	6	VCP	C	0	0	0	8	4	2	Y		2007	
J6S-612_J6S-605	J6S-612	J6S-605	301	6	VCP	C	1	1	1	298	5	8	Y		2007	
J6S-613_J6S-604	J6S-613	J6S-604	305	12	VCP	C	0	0	0	0	0	0	Y		2009	C
J6S-614_J6S-611	J6S-614	J6S-611	202	6	VCP	C	0	0	0	10	4	4	Y		2007	
J7S-40_J7S-407	J7S-40	J7S-407	181	6	VCP	C	1	1	1	0	0	0	Y		2007	
J7S-101_J7S-102	J7S-101	J7S-102	218	6	VCP	C	2	1	2	0	0	0			2007	
J7S-102_J7S-511	J7S-102	J7S-511	224	6	VCP	C	1	1	1	2	2	1			2007	
J7S-103_J7S-107	J7S-103	J7S-107	440	6	VCP	C	1	1	1	7	3	3		3	2007	
J7S-104_J7S-203	J7S-104	J7S-203	156	6	VCP	C	0	0	0	8	2	4			2007	
J7S-105_J7S-106	J7S-105	J7S-106	285	6	VCP	C	0	0	0	3	2	2	Y		2007	
J7S-106_J7S-401	J7S-106	J7S-401	282	6	VCP	C	0	0	0	10	4	4	Y	4	2007	
J7S-107_J7S-110	J7S-107	J7S-110	301	6	VCP	B	5	2	4	4	2	2	Y		2009	
J7S-108_J6S-302	J7S-108	J6S-302	351	6	VCP	C	0	0	0	2	2	1			2007	
J7S-109_J6S-305	J7S-109	J6S-305	365	6	VCP	C	1	1	1	17	4	7	Y	4	2007	
J7S-110_J7S-105	J7S-110	J7S-105	316	6	VCP	C	0	0	0	26	4	12			2007	
J7S-110_J7S-112	J7S-110	J7S-112	184	6	VCP	C	1	1	1	6	2	3			2007	
J7S-112_J7S-113	J7S-112	J7S-113	174	6	VCP	C	0	0	0	30	2	15			2007	
J7S-113_J6S-306	J7S-113	J6S-306	329	6	VCP	C	0	0	0	76	4	46	Y	4	2007	
J7S-201_J7S-203	J7S-201	J7S-203	158	6	VCP	C	1	1	1	4	2	2	Y		2009	
J7S-202_J7S-201	J7S-202	J7S-201	146	6	VCP	C	0	0	0	0	0	0	Y		2009	
J7S-203_J7S-209	J7S-203	J7S-209	19	6	VCP	C	0	0	0	0	0	0			2007	
J7S-204_J7S-105	J7S-204	J7S-105	295	6	VCP	C	0	0	0	7	4	2		4	2007	
J7S-205_J7S-204	J7S-205	J7S-204	88	6	VCP	C	0	0	0	3	3	1		3	2007	
J7S-206_J7S-205	J7S-206	J7S-205	286	6	VCP	C	0	0	0	10	4	4		4	2007	
J7S-207_J7S-106	J7S-207	J7S-106	295	6	VCP	C	0	0	0	22	4	6	Y	4	2007	
J7S-208_J7S-207	J7S-208	J7S-207	197	6	VCP	C	2	1	2	0	0	0			2007	
J7S-209_J7S-205	J7S-209	J7S-205	276	6	VCP	C	0	0	0	2	2	1			2007	
J7S-401_J7S-413	J7S-401	J7S-413	367	6	VCP	C	2	1	2	3	2	2	Y		2007	
J7S-402_J7S-413	J7S-402	J7S-413	300	6	VCP	C	0	0	0	6	4	2		4	2007	
J7S-403_J7S-402	J7S-403	J7S-402	298	6	VCP	C	1	1	1	4	2	2			2007	
J7S-404_J7S-408	J7S-404	J7S-408	101	6	VCP	C	0	0	0	0	0	0			2007	
J7S-405_J7S-40	J7S-405	J7S-40	136	6	VCP	C	1	1	1	0	0	0			2007	
J7S-407_J7S-408	J7S-407	J7S-408	150	6	VCP	C	1	1	1	4	2	2			2007	
J7S-408_J7S-501	J7S-408	J7S-501	293	6	VCP	C	0	0	0	2	2	1			2007	
J7S-409_J7S-402	J7S-409	J7S-402	208	6	VCP	C	0	0	0	0	0	0			2007	
J7S-410_J7S-409	J7S-410	J7S-409	306	6	VCP	C	2	1	2	1	1	1	Y		2007	
J7S-411_J7S-107	J7S-411	J7S-107	479	6	VCP	C	1	1	1	4	2	2			2007	

Appendix O - Condition Assessment Rating

PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
J7S-412_K7S-101	J7S-412	K7S-101	156	6	VCP	C	2	2	1	2	2	1			2007	
J7S-413_J6S-604	J7S-413	J6S-604	368	6	VCP	C	0	0	0	4	2	2			2007	
J7S-414_J6S-601	J7S-414	J6S-601	372	6	VCP	C	2	1	2	11	4	4		4	2007	
J7S-501_J7S-511	J7S-501	J7S-511	313	6	VCP	C	3	1	3	0	0	0			2007	
J7S-502_J7S-501	J7S-502	J7S-501	256	6	VCP	C	1	1	1	2	2	1			2007	
J7S-503_J7S-502	J7S-503	J7S-502	188	6	VCP	C	0	0	0	0	0	0			2007	
J7S-504_J7S-502	J7S-504	J7S-502	181	6	VCP	C	0	0	0	0	0	0			2007	
J7S-505_J7S-506	J7S-505	J7S-506	136	6	VCP	C	0	0	0	0	0	0			2007	
J7S-506_J7S-508	J7S-506	J7S-508	211	6	VCP	C	0	0	0	1	1	1	Y		2007	
J7S-508_J7S-202	J7S-508	J7S-202	289	6	VCP	C	0	0	0	4	2	2			2007	
J7S-509_J7S-503	J7S-509	J7S-503	173	6	VCP	C	0	0	0	2	2	1			2007	
J7S-510_J7S-412	J7S-510	J7S-412	475	6	VCP	C	0	0	0	2	2	1			2007	
J7S-511_J7S-203	J7S-511	J7S-203	295	6	VCP	C	0	0	0	2	2	1			2007	
K3S-101_J3S-405	K3S-101	J3S-405	190	6	VCP	C	1	1	1	110	2	18			2007	
K3S-201_K3S-202	K3S-201	K3S-202	191	6	VCP	C	0	0	0	20	5	5	Y		2009	
K3S-202_K3S-203	K3S-202	K3S-203	371	6	VCP	C	0	0	0	2	2	1			2007	
K3S-203_K3S-301	K3S-203	K3S-301	228	6	VCP	C	1	1	2	2	2	1			2007	
K3S-204_K3S-301	K3S-204	K3S-301	203	6	VCP	C	3	2	4	8	3	5			2007	
K3S-205_K3S-204	K3S-205	K3S-204	142	6	VCP	C	0	0	0	3	2	3	Y		2007	
K3S-206_K3S-205	K3S-206	K3S-205	209	6	VCP	C	0	0	0	6	4	3	Y		2007	
K3S-207_K3S-206	K3S-207	K3S-206	153	6	VCP	C	0	0	0	3	2	3	Y		2007	
K3S-208_K3S-207	K3S-208	K3S-207	74	6	VCP	C	0	0	0	2	2	1			2007	
K3S-211_K3S-118	K3S-211	K3S-118	49	6	VCP	C	0	0	0	2	2	1			2007	
K3S-214_K3S-201	K3S-214	K3S-201	193	6	VCP	B	5	3	3	39	5	11	Y		2009	
K3S-301_K3S-316	K3S-301	K3S-316	52	6	VCP	C	2	2	1	8	2	4			2007	
K3S-303_K3S-316	K3S-303	K3S-316	277	8	VCP	C	0	0	0	3	2	2	Y		2007	
K3S-304_K3S-303	K3S-304	K3S-303	120	8	VCP	C	0	0	0	10	2	5			2007	
K3S-305_K3S-304	K3S-305	K3S-304	131	8	VCP	C	0	0	0	2	2	1			2007	
K3S-306_K3S-305	K3S-306	K3S-305	101	8	VCP	C	3	3	1	3	2	2	Y		2007	
K3S-307_K3S-306	K3S-307	K3S-306	129	8	VCP	C	0	0	0	4	2	2			2007	
K3S-308_K3S-307	K3S-308	K3S-307	110	8	VCP	C	0	0	0	2	2	1			2007	
K3S-309_K3S-307	K3S-309	K3S-307	189	6	VCP	B	5	5	2	5	3	3	Y		2007	
K3S-310_K3S-308	K3S-310	K3S-308	147	8	VCP	C	0	0	0	4	2	2			2007	
K3S-311_K3S-309	K3S-311	K3S-309	276	6	VCP	C	0	0	0	3	2	3	Y		2007	
K3S-312_K3S-305	K3S-312	K3S-305	329	6	VCP	B	5	2	4	12	2	6			2007	
K3S-313_K3S-208	K3S-313	K3S-208	239	6	VCP	A	11	4	8	6	2	5			2007	
K3S-314_K3S-312	K3S-314	K3S-312	305	6	VCP	C	0	0	0	4	2	2			2007	
K3S-315_K3S-311	K3S-315	K3S-311	159	6	VCP	C	0	0	0	5	3	3	Y		2007	
K3S-316_J3S-604	K3S-316	J3S-604	243	8	VCP	C	0	0	0	0	0	0	Y		2009	
K3S-601_K3S-315	K3S-601	K3S-315	68	6	VCP	C	0	0	0	7	4	2	Y	4	2009	
K3S-602_K3S-612	K3S-602	K3S-612	170	6	VCP	C	1	1	1	8	3	3	Y		2007	
K3S-603_K3S-602	K3S-603	K3S-602	87	6	VCP	C	0	0	0	2	2	1			2007	
K3S-604_K3S-601	K3S-604	K3S-601	232	6	VCP	A	11	4	4	44	5	13	Y	4	2009	
K3S-605_K3S-611	K3S-605	K3S-611	117	6	VCP	C	1	1	2	0	0	0			2007	
K3S-606_K4S-401	K3S-606	K4S-401	130	6	VCP	C	1	1	1	21	5	5	Y		2009	
K3S-607_K3S-604	K3S-607	K3S-604	255	6	VCP	C	0	0	0	10	5	2	Y		2009	
K3S-608_K3S-607	K3S-608	K3S-607	115	6	VCP	C	0	0	0	0	0	0	Y		2009	
K3S-609_K3S-605	K3S-609	K3S-605	378	6	VCP	C	0	0	0	7	4	5	Y		2007	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
K3S-610_K4S-405	K3S-610	K4S-405	96	6	VCP	B	6	3	2	0	0	0	Y		2009	
K3S-611_K3S-315	K3S-611	K3S-315	221	6	VCP	C	0	0	0	6	4	3	Y		2007	
K3S-612_K3S-314	K3S-612	K3S-314	289	6	VCP	C	0	0	0	9	5	3			2007	
K4S-101_K4S-104	K4S-101	K4S-104	195	6	VCP	C	1	1	1	9	3	3	Y		2009	
K4S-102_K3S-310	K4S-102	K3S-310	293	8	VCP	C	0	0	0	38	3	10			2007	
K4S-103_K4S-102	K4S-103	K4S-102	88	6	VCP	C	0	0	0	2	2	1			2007	
K4S-104_J4S-100	K4S-104	J4S-100	176	6	VCP	C	0	0	0	0	0	0			2007	
K4S-201_J4S-506	K4S-201	J4S-506	287	6	VCP	C	0	0	0	0	0	0			2007	
K4S-202_K4S-207	K4S-202	K4S-207	200	6	VCP	B	6	5	2	0	0	0			2007	
K4S-203_J4S-504	K4S-203	J4S-504	392	6	VCP	C	0	0	0	0	0	0			2007	
K4S-204_K4S-203	K4S-204	K4S-203	239	6	VCP	C	0	0	0	0	0	0			2007	
K4S-205_K4S-204	K4S-205	K4S-204	162	6	VCP	C	0	0	0	0	0	0			2007	
K4S-206_K4S-205	K4S-206	K4S-205	303	6	VCP	C	3	3	1	0	0	0			2008	
K4S-207_J4S-505	K4S-207	J4S-505	138	6	VCP	C	2	2	1	1	1	1	Y		2007	
K4S-301_J4S-604	K4S-301	J4S-604	361	6	VCP	C	1	1	1	0	0	0	Y		2009	
K4S-302_J4S-604	K4S-302	J4S-604	66	6	VCP	C	0	0	0	0	0	0	Y		2009	
K4S-303_K4S-302	K4S-303	K4S-302	267	6	VCP	C	0	0	0	0	0	0			2007	
K4S-304_K4S-303	K4S-304	K4S-303	199	6	VCP	C	1	1	1	0	0	0			2007	
K4S-305_K4S-307	K4S-305	K4S-307	217	6	VCP	C	2	1	2	0	0	0			2007	
K4S-306_K4S-304	K4S-306	K4S-304	182	6	VCP	C	0	0	0	0	0	0			2007	
K4S-307_K5S-108	K4S-307	K5S-108	209	6	VCP	C	0	0	0	9	3	4		3	2007	
K4S-308_K4S-312	K4S-308	K4S-312	273	6	VCP	C	0	0	0	7	3	3		3	2007	
K4S-309_K4S-306	K4S-309	K4S-306	383	6	VCP	C	0	0	0	14	3	6		3	2007	
K4S-310_K4S-506	K4S-310	K4S-506	140	6	VCP	C	0	0	0	1	1	1	Y		2007	
K4S-311_K4S-604	K4S-311	K4S-604	375	6	VCP	C	0	0	0	0	0	0			2007	
K4S-312_K4S-605	K4S-312	K4S-605	275	6	VCP	C	0	0	0	9	3	4		3	2007	
K4S-313_K5S-108	K4S-313	K5S-108	277	6	VCP	C	0	0	0	0	0	0			2007	
K4S-314_K4S-301	K4S-314	K4S-301	342	6	VCP	C	3	3	1	0	0	0	Y		2009	
K4S-401_K4S-103	K4S-401	K4S-103	273	6	VCP	C	0	0	0	1	1	1	Y		2007	
K4S-402_K4S-413	K4S-402	K4S-413	245	6	VCP	C	1	1	1	9	2	8	Y		2007	
K4S-403_K4S-401	K4S-403	K4S-401	183	6	VCP	C	2	1	2	2	2	1			2007	
K4S-404_K4S-403	K4S-404	K4S-403	139	6	VCP	A	16	5	5	18	2	9			2007	
K4S-405_K4S-404	K4S-405	K4S-404	182	6	VCP	C	0	0	0	2	2	1			2007	
K4S-406_K4S-405	K4S-406	K4S-405	77	6	VCP	A	40	5	11	2	2	1	Y		2007	
K4S-408_K4S-409	K4S-408	K4S-409	134	6	VCP	B	5	2	3	9	2	5	Y		2007	
K4S-409_K4S-402	K4S-409	K4S-402	310	6	VCP	C	1	1	1	7	4	3	Y		2007	
K4S-410_K4S-409	K4S-410	K4S-409	168	6	VCP	C	0	0	0	15	2	6	Y		2007	
K4S-411_K4S-410	K4S-411	K4S-410	206	6	VCP	B	7	2	6	3	3	1	Y		2009	
K4S-412_K4S-410	K4S-412	K4S-410	164	6	VCP	C	0	0	0	2	2	1			2007	
K4S-413_K4S-102	K4S-413	K4S-102	316	6	VCP	C	0	0	0	11	4	5	Y		2007	
K4S-501_K4S-601	K4S-501	K4S-601	243	6	VCP	C	0	0	0	17	3	9	Y		2009	
K4S-502_K4S-501	K4S-502	K4S-501	370	6	VCP	C	0	0	0	20	4	9	Y		2009	
K4S-503_K4S-502	K4S-503	K4S-502	316	6	VCP	B	8	5	2	12	3	5	Y		2009	
K4S-504_K4S-503	K4S-504	K4S-503	22	6	VCP	C	0	0	0	0	0	0	Y		2009	C
K4S-505_K4S-612	K4S-505	K4S-612	328	6	VCP	C	0	0	0	2	2	1			2007	
K4S-506_K4S-617	K4S-506	K4S-617	227	6	VCP	C	0	0	0	10	4	4	Y		2009	
K4S-601_K4S-602	K4S-601	K4S-602	50	6	VCP	C	1	1	1	4	2	2	Y		2009	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
K4S-602_K4S-603	K4S-602	K4S-603	64	6	VCP	B	4	4	1	2	2	1	Y		2009	
K4S-603_K4S-610	K4S-603	K4S-610	168	6	VCP	C	0	0	0	0	0	0	Y		2009	
K4S-604_K4S-607	K4S-604	K4S-607	294	6	VCP	C	0	0	0	2	2	1			2007	
K4S-605_K4S-313	K4S-605	K4S-313	158	6	VCP	C	0	0	0	2	2	1			2007	
K4S-606_K4S-605	K4S-606	K4S-605	104	6	VCP	C	0	0	0	0	0	0	Y		2007	
K4S-607_K4S-608	K4S-607	K4S-608	288	6	VCP	C	0	0	0	0	0	0			2007	
K4S-608_K4S-615	K4S-608	K4S-615	304	6	VCP	C	0	0	0	42	4	14		4	2007	
K4S-609_K4S-608	K4S-609	K4S-608	97	6	VCP	C	0	0	0	3	3	1	Y		2007	
K4S-610_K4S-609	K4S-610	K4S-609	251	6	VCP	C	0	0	0	15	4	5	Y		2009	
K4S-611_K4S-609	K4S-611	K4S-609	302	6	VCP	C	0	0	0	5	3	2		3	2007	
K4S-612_K4S-611	K4S-612	K4S-611	150	6	VCP	C	0	0	0	0	0	0			2007	
K4S-613_K4S-612	K4S-613	K4S-612	331	6	VCP	C	0	0	0	4	2	2	Y		2009	
K4S-614_K4S-608	K4S-614	K4S-608	361	6	VCP	C	0	0	0	29	5	12			2007	
K4S-615_K5S-412	K4S-615	K5S-412	293	6	VCP	C	0	0	0	36	4	12		4	2007	
K4S-616_K4S-614	K4S-616	K4S-614	64	6	VCP	C	0	0	0	2	2	1			2007	
K4S-617_K4S-603	K4S-617	K4S-603	107	6	VCP	C	0	0	0	2	2	1	Y		2009	
K4S-618_K4S-407	K4S-618	K4S-407	11	6	VCP	C	0	0	0	7	5	2	Y		2009	
K5S-101_J5S-401	K5S-101	J5S-401	370	6	VCP	C	1	1	1	38	2	17			2007	
K5S-102_K5S-114	K5S-102	K5S-114	358	6	VCP	C	0	0	0	36	4	12		4	2007	
K5S-103_K4S-302	K5S-103	K4S-302	351	6	VCP	C	0	0	0	1	1	1	Y		2007	
K5S-104_K5S-101	K5S-104	K5S-101	309	6	VCP	C	2	1	2	29	3	13	Y		2007	
K5S-105_K5S-104	K5S-105	K5S-104	181	6	VCP	C	2	1	2	43	2	17	Y		2007	
K5S-106_K5S-105	K5S-106	K5S-105	42	6	VCP	C	2	2	1	5	2	3	Y		2007	
K5S-107_K5S-102	K5S-107	K5S-102	307	6	VCP	C	0	0	0	18	3	7		3	2007	
K5S-108_K5S-103	K5S-108	K5S-103	292	6	VCP	C	0	0	0	0	0	0			2007	
K5S-109_K5S-110	K5S-109	K5S-110	252	6	VCP	C	0	0	0	3	2	2	Y		2007	
K5S-110_K5S-112	K5S-110	K5S-112	180	6	VCP	C	0	0	0	3	3	1	Y		2007	
K5S-111_K5S-110	K5S-111	K5S-110	155	6	VCP	C	0	0	0	4	4	1	Y		2009	
K5S-112_K5S-113	K5S-112	K5S-113	64	6	VCP	C	0	0	0	2	2	1			2007	
K5S-113_K5S-107	K5S-113	K5S-107	363	6	VCP	C	0	0	0	29	4	10	Y		2007	
K5S-114_J5S-402	K5S-114	J5S-402	198	6	VCP	C	0	0	0	8	4	2		4	2007	
K5S-201_J5S-518	K5S-201	J5S-518	252	6	VCP	C	0	0	0	4	2	3	Y		2007	
K5S-203_K5S-204	K5S-203	K5S-204	51	6	VCP	C	0	0	0	0	0	0			2007	
K5S-204_K5S-202	K5S-204	K5S-202	148	6	VCP	C	0	0	0	3	3	1	Y		2007	
K5S-206_K5S-207	K5S-206	K5S-207	376	6	VCP	C	0	0	0	94	4	38	Y		2009	
K5S-207_K5S-201	K5S-207	K5S-201	262	6	VCP	C	0	0	0	60	4	15	Y		2007	
K5S-208_K5S-301	K5S-208	K5S-301	211	6	VCP	C	0	0	0	20	3	12	Y		2007	
K5S-209_K5S-207	K5S-209	K5S-207	216	6	VCP	C	0	0	0	23	4	9	Y		2007	
K5S-210_K5S-206	K5S-210	K5S-206	160	6	VCP	C	0	0	0	5	2	4	Y		2007	
K5S-211_K5S-106	K5S-211	K5S-106	292	6	VCP	C	0	0	0	6	2	3			2007	
K5S-212_K5S-213	K5S-212	K5S-213	417	6	VCP	C	0	0	0	96	5	19	Y		2007	
K5S-213_K5S-304	K5S-213	K5S-304	424	6	VCP	C	1	1	2	99	3	15	Y		2007	
K5S-214_J5S-508	K5S-214	J5S-508	189	6	VCP	C	0	0	0	35	1	4	Y		2007	
K5S-301_K5S-302	K5S-301	K5S-302	295	6	VCP	C	0	0	0	23	3	12	Y		2007	
K5S-302_K5S-303	K5S-302	K5S-303	404	6	VCP	B	5	5	1	50	5	19	Y		2009	
K5S-304_K5S-302	K5S-304	K5S-302	379	6	VCP	C	3	2	2	88	5	34	Y		2009	
K5S-305_K5S-304	K5S-305	K5S-304	255	6	VCP	B	4	4	1	6	2	3			2007	



Appendix O - Condition Assessment Rating

PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
K5S-306_K6S-305	K5S-306	K5S-305	303	6	VCP	C	0	0	0	4	2	2			2007	
K5S-306_K6S-115	K5S-306	K6S-115	227	6	VCP	C	0	0	0	0	0	0	Y		2009	
K5S-307_K6S-120	K5S-307	K6S-120	355	6	VCP	C	0	0	0	112	2	41			2007	
K5S-401_K5S-211	K5S-401	K5S-211	287	6	VCP	C	0	0	0	0	0	0			2007	
K5S-402_K5S-405	K5S-402	K5S-405	151	6	VCP	C	0	0	0	0	0	0	Y		2009	
K5S-403_K5S-406	K5S-403	K5S-406	203	6	VCP	C	1	1	1	0	0	0			2007	
K5S-404_K5S-113	K5S-404	K5S-113	264	6	VCP	C	2	2	1	11	3	5		3	2007	
K5S-405_K5S-404	K5S-405	K5S-404	61	6	VCP	C	0	0	0	6	3	2		3	2007	
K5S-406_K5S-408	K5S-406	K5S-408	184	6	VCP	C	0	0	0	0	0	0			2007	
K5S-407_K5S-405	K5S-407	K5S-405	187	6	VCP	C	0	0	0	0	0	0			2007	
K5S-408_K5S-407	K5S-408	K5S-407	229	6	VCP	C	0	0	0	12	4	4		4	2007	
K5S-410_K5S-409	K5S-410	K5S-409	126	6	VCP	B	5	2	4	31	4	9	Y	4	2009	
K5S-412_K5S-411	K5S-412	K5S-411	179	6	VCP	C	0	0	0	18	5	5	Y	4	2009	
K5S-413_K5S-506	K5S-413	K5S-506	282	8	VCP	C	2	2	1	16	4	6	Y		2009	
K5S-414_K5S-413	K5S-414	K5S-413	119	8	VCP	C	0	0	0	0	0	0	Y		2009	
K5S-415_K5S-414	K5S-415	K5S-414	123	8	VCP	C	0	0	0	0	0	0	Y		2009	
K5S-416_K5S-415	K5S-416	K5S-415	83	8	VCP	C	0	0	0	2	2	1			2007	
K5S-417_K5S-416	K5S-417	K5S-416	201	8	VCP	C	0	0	0	3	3	1	Y	3	2009	
K5S-419_K5S-416	K5S-419	K5S-416	223	6	VCP	C	0	0	0	9	3	4		3	2007	
K5S-420_K4S-313	K5S-420	K4S-313	179	6	VCP	B	6	3	2	6	3	3	Y		2007	
K5S-501_K5S-514	K5S-501	K5S-514	119	6	VCP	C	0	0	0	6	2	5	Y		2007	
K5S-502_K5S-504	K5S-502	K5S-504	245	8	VCP	B	5	4	2	5	3	2	Y		2009	
K5S-503_K5S-607	K5S-503	K5S-607	265	6	VCP	C	0	0	0	2	1	2	Y		2007	
K5S-504_K5S-508	K5S-504	K5S-508	236	8	VCP	C	0	0	0	2	2	1	Y		2009	
K5S-505_K5S-506	K5S-505	K5S-506	88	6	VCP	C	1	1	1	0	0	0			2007	
K5S-506_K5S-502	K5S-506	K5S-502	396	8	VCP	B	4	3	2	6	5	2	Y	3	2009	
K5S-507_K5S-511	K5S-507	K5S-511	207	6	VCP	C	0	0	0	6	2	3			2007	
K5S-508_K5S-509	K5S-508	K5S-509	253	8	VCP	A	12	3	5	0	0	0	Y		2009	
K5S-509_K5S-606	K5S-509	K5S-606	306	8	VCP	C	0	0	0	0	0	0	Y		2009	
K5S-510_K5S-509	K5S-510	K5S-509	293	6	VCP	C	0	0	0	9	3	4		3	2007	
K5S-511_K5S-508	K5S-511	K5S-508	285	6	VCP	C	0	0	0	7	2	4	Y		2007	
K5S-512_L5S-201	K5S-512	L5S-201	273	6	VCP	C	0	0	0	14	2	7			2007	
K5S-513_K5S-512	K5S-513	K5S-512	196	6	VCP	C	0	0	0	16	3	7		3	2007	
K5S-514_K5S-502	K5S-514	K5S-502	254	6	VCP	C	1	1	1	7	2	4	Y		2007	
K5S-601_K5S-304	K5S-601	K5S-304	279	6	VCP	C	0	0	0	101	4	33	Y	4	2009	
K5S-601_K5S-602	K5S-601	K5S-602	377	6	VCP	C	1	1	1	0	0	0			2007	
K5S-602_K6S-420	K5S-602	K6S-420	382	6	VCP	C	0	0	0	6	2	3			2007	
K5S-603_K5S-604	K5S-603	K5S-604	261	6	VCP	C	0	0	0	13	3	10	Y		2007	
K5S-604_K5S-605	K5S-604	K5S-605	356	6	VCP	C	0	0	0	10	2	6	Y		2007	
K5S-605_K6S-404	K5S-605	K6S-404	356	6	VCP	C	3	3	1	26	3	11	Y	3	2007	
K5S-606_L5S-315	K5S-606	L5S-315	314	8	VCP	B	4	3	2	4	3	2	Y		2009	
K5S-607_K5S-601	K5S-607	K5S-601	242	6	VCP	C	0	0	0	18	3	13	Y	3	2007	
K6P-401_K6S-512	K6P-401	K6S-512	150	6	VCP	C	0	0	0	18	4	6	Y		2007	
K6S-102_K6S-103	K6S-102	K6S-103	165	6	VCP	C	0	0	0	16	2	5			2007	
K6S-103_K6S-104	K6S-103	K6S-104	79	6	VCP	C	0	0	0	8	2	5	Y		2007	
K6S-104_K6S-105	K6S-104	K6S-105	249	6	VCP	C	0	0	0	67	2	14	Y		2007	
K6S-105_J6S-412	K6S-105	J6S-412	349	6	VCP	B	5	2	3	24	5	7	Y	4	2009	

Appendix O - Condition Assessment Rating

PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
K6S-106_K6S-107	K6S-106	K6S-107	343	6	VCP	C	0	0	0	10	4	3	Y	4	2009	
K6S-107_K6S-108	K6S-107	K6S-108	308	6	VCP	C	0	0	0	13	4	4	Y	4	2009	
K6S-108_K6S-105	K6S-108	K6S-105	189	6	VCP	C	0	0	0	15	4	5	Y	4	2009	
K6S-109_K6S-120	K6S-109	K6S-120	497	15	VCP	B	5	5	1	4	2	2	Y		2009	
K6S-110_K6S-111	K6S-110	K6S-111	209	6	VCP	C	0	0	0	2	2	1	Y		2007	
K6S-111_K6S-112	K6S-111	K6S-112	137	6	VCP	C	0	0	0	6	4	2	Y		2007	
K6S-112_K6S-113	K6S-112	K6S-113	87	6	VCP	C	0	0	0	1	1	1	Y		2007	
K6S-113_K6S-114	K6S-113	K6S-114	253	6	VCP	C	0	0	0	15	4	5	Y	4	2007	
K6S-114_K6S-210	K6S-114	K6S-210	317	6	VCP	C	0	0	0	6	3	3	Y		2007	
K6S-115_K6S-109	K6S-115	K6S-109	264	15	VCP	C	2	2	1	0	0	0	Y		2009	
K6S-116_K6S-117	K6S-116	K6S-117	85	6	VCP	C	1	1	1	0	0	0	Y		2007	
K6S-117_K6S-118	K6S-117	K6S-118	233	6	VCP	C	0	0	0	2	2	1	Y		2007	
K6S-118_K6S-119	K6S-118	K6S-119	290	6	VCP	C	0	0	0	19	4	7	Y	4	2007	
K6S-119_K6S-114	K6S-119	K6S-114	344	6	VCP	C	0	0	0	13	4	5	Y	4	2007	
K6S-120_K6S-405	K6S-120	J6S-405	495	15	VCP	C	2	2	1	0	0	0	Y		2009	
K6S-201_J6S-504	K6S-201	J6S-504	294	6	VCP	C	0	0	0	82	4	27	Y	4	2009	
K6S-202_K6S-203	K6S-202	K6S-203	159	6	VCP	C	1	1	1	6	2	3	Y		2007	
K6S-203_K6S-204	K6S-203	K6S-204	278	6	VCP	C	1	1	1	8	3	5	Y		2007	
K6S-204_K6S-312	K6S-204	K6S-312	121	6	VCP	C	0	0	0	7	4	2	Y	4	2007	
K6S-205_K6S-217	K6S-205	K6S-217	229	6	VCP	C	0	0	0	32	2	13	Y		2007	
K6S-206_K6S-202	K6S-206	K6S-202	247	6	VCP	C	0	0	0	12	4	5	Y		2007	
K6S-207_K6S-206	K6S-207	K6S-206	163	6	VCP	C	0	0	0	10	4	3	Y	4	2007	
K6S-208_K6S-204	K6S-208	K6S-204	334	6	VCP	C	0	0	0	9	4	5	Y		2007	
K6S-209_K6S-210	K6S-209	K6S-210	71	6	VCP	C	0	0	0	5	3	2	Y		2007	
K6S-210_K6S-205	K6S-210	K6S-205	234	6	VCP	C	0	0	0	4	4	1	Y	4	2007	
K6S-211_K6S-209	K6S-211	K6S-209	300	6	VCP	C	0	0	0	15	4	5	Y	4	2007	
K6S-212_K6S-211	K6S-212	K6S-211	317	6	VCP	C	0	0	0	13	4	6	Y	4	2007	
K6S-213_K6S-210	K6S-213	K6S-210	350	6	VCP	C	0	0	0	4	4	1	Y		2007	
K6S-214_K6S-211	K6S-214	K6S-211	244	6	VCP	C	0	0	0	8	4	3	Y		2007	
K6S-215_K6S-212	K6S-215	K6S-212	211	6	VCP	C	0	0	0	5	2	3	Y		2007	
K6S-216_K6S-215	K6S-216	K6S-215	102	6	VCP	C	0	0	0	0	0	0	Y		2007	
K6S-217_K6S-201	K6S-217	K6S-201	108	6	VCP	C	0	0	0	5	5	1	Y		2007	
K6S-301_K6S-312	K6S-301	K6S-312	179	6	VCP	C	0	0	0	84	4	29	Y	4	2007	
K6S-302_K6S-303	K6S-302	K6S-303	206	6	VCP	B	5	5	1	15	3	7	Y		2007	
K6S-303_J6S-601	K6S-303	J6S-601	164	12	VCP	C	0	0	0	0	0	0	Y		2009	C
K6S-304_K6P-305	K6S-304	K6P-305	178	6	VCP	C	1	1	1	13	3	6	Y		2009	
K6S-305_K6S-304	K6S-305	K6S-304	199	6	VCP	C	0	0	0	67	4	22	Y	4	2009	
K6S-306_K6S-302	K6S-306	K6S-302	297	6	VCP	C	0	0	0	14	4	5	Y		2007	
K6S-307_K6S-301	K6S-307	K6S-301	345	6	VCP	B	6	3	2	83	5	28	Y	4	2009	
K6S-308_K6S-212	K6S-308	K6S-212	293	6	VCP	C	2	2	1	8	3	4	Y		2007	
K6S-309_K6S-307	K6S-309	K6S-307	345	6	VCP	C	0	0	0	12	4	5	Y	4	2009	
K6S-310_K6S-306	K6S-310	K6S-306	365	6	VCP	C	0	0	0	12	4	4	Y		2007	
K6S-312_J6S-609	K6S-312	J6S-609	313	6	VCP	C	1	1	1	7	3	4	Y		2007	
K6S-401_K6S-402	K6S-401	K6S-402	304	6	VCP	C	1	1	1	1	1	1	Y		2007	
K6S-402_K6S-403	K6S-402	K6S-403	347	6	VCP	C	1	1	1	20	4	7	Y		2007	
K6S-403_K6S-119	K6S-403	K6S-119	313	6	VCP	C	2	2	1	10	4	3	Y	4	2007	
K6S-404_K6S-420	K6S-404	K6S-420	272	15	VCP	C	0	0	0	0	0	0	Y		2009	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
K6S-405_K6S-406	K6S-405	K6S-406	327	6	VCP	C	0	0	0	4	2	3	Y		2007	
K6S-406_K6S-407	K6S-406	K6S-407	293	6	VCP	C	0	0	0	29	4	9	Y	4	2007	
K6S-407_K6S-403	K6S-407	K6S-403	296	6	VCP	C	0	0	0	6	3	3	Y	3	2007	
K6S-408_K6S-504	K6S-408	K6S-504	179	6	VCP	C	0	0	0	8	4	4	Y	4	2007	
K6S-409_K6S-407	K6S-409	K6S-407	206	6	VCP	C	0	0	0	8	4	4	Y	4	2007	
K6S-410_K6S-406	K6S-410	K6S-406	307	6	VCP	C	0	0	0	5	2	3	Y		2007	
K6S-411_K6S-404	K6S-411	K6S-404	256	15	VCP	C	0	0	0	0	0	0	Y		2009	
K6S-412_K6S-411	K6S-412	K6S-411	166	15	VCP	C	0	0	0	10	4	3	Y	4	2009	
K6S-413_K6S-410	K6S-413	K6S-410	302	6	VCP	C	0	0	0	13	4	6	Y		2007	
K6S-416_K6S-409	K6S-416	K6S-409	262	6	VCP	C	1	1	1	2	2	1			2007	
K6S-420_K6S-421	K6S-420	K6S-421	330	15	VCP	C	0	0	0	0	0	0	Y		2009	
K6S-501_K6S-520	K6S-501	K6S-520	351	6	VCP	C	0	0	0	6	4	2		4	2007	
K6S-502_K6S-501	K6S-502	K6S-501	250	6	VCP	C	0	0	0	8	4	3			2007	
K6S-503_K6S-520	K6S-503	K6S-520	223	6	VCP	C	2	1	2	11	2	7	Y		2007	
K6S-504_K6S-503	K6S-504	K6S-503	113	6	VCP	C	0	0	0	3	3	1			2007	
K6S-505_K6S-504	K6S-505	K6S-504	211	6	VCP	C	0	0	0	9	3	5	Y	3	2007	
K6S-506_K6S-505	K6S-506	K6S-505	208	6	VCP	C	0	0	0	6	4	2		4	2007	
K6S-507_K6S-506	K6S-507	K6S-506	211	6	VCP	C	1	1	1	13	4	4	Y	3	2007	
K6S-508_K6S-507	K6S-508	K6S-507	212	6	VCP	C	0	0	0	8	4	4	Y		2007	
K6S-509_K6S-508	K6S-509	K6S-508	91	6	VCP	C	0	0	0	2	2	1			2007	
K6S-510_K6S-506	K6S-510	K6S-506	108	6	VCP	C	1	1	1	12	4	4	Y	4	2007	
K6S-511_K6S-504	K6S-511	K6S-504	212	6	VCP	C	0	0	0	0	0	0			2007	
K6S-512_K6S-514	K6S-512	K6S-514	160	6	VCP	B	5	1	5	8	2	4			2007	
K6S-513_K6S-514	K6S-513	K6S-514	78	6	VCP	C	0	0	0	16	5	5	Y		2009	
K6S-514_K6S-515	K6S-514	K6S-515	167	6	VCP	B	4	4	1	22	2	7			2007	
K6S-516_K6S-510	K6S-516	K6S-510	152	6	VCP	C	0	0	0	8	4	4	Y		2007	
K6S-517_K6S-515	K6S-517	K6S-515	314	6	VCP	C	1	1	1	27	2	13	Y		2007	
K6S-518_K6S-509	K6S-518	K6S-509	221	6	VCP	C	1	1	1	4	4	1	Y		2007	
K6S-519_L6S-205	K6S-519	L6S-205	146	6	VCP	C	0	0	0	6	2	5	Y		2009	
K6S-520_K6S-213	K6S-520	K6S-213	328	6	VCP	C	0	0	0	5	5	1			2007	
K6S-601_K7S-413	K6S-601	K7S-413	151	6	VCP	C	0	0	0	6	4	2		4	2007	
K6S-602_K6S-310	K6S-602	K6S-310	365	6	VCP	C	0	0	0	14	4	6	Y		2007	
K6S-603_K6S-309	K6S-603	K6S-309	353	6	VCP	C	0	0	0	7	4	3	Y		2007	
K6S-604_K6S-502	K6S-604	K6S-502	262	6	VCP	C	1	1	1	9	4	3	Y	4	2007	
K6S-605_K6S-604	K6S-605	K6S-604	338	6	VCP	C	0	0	0	7	3	4	Y	3	2007	
K6S-606_K6S-607	K6S-606	K6S-607	228	6	VCP	C	1	1	1	6	1	6	Y		2008	
K6S-608_K6S-615	K6S-608	K6S-615	164	6	VCP	C	0	0	0	6	4	2	Y		2007	
K6S-609_K6S-508	K6S-609	K6S-508	242	6	VCP	C	0	0	0	8	4	2	Y		2007	
K6S-610_K6S-519	K6S-610	K6S-519	222	6	VCP	C	0	0	0	16	5	5	Y		2009	
K6S-611_K6S-615	K6S-611	K6S-615	298	12	VCP	C	1	1	1	10	4	3	Y	4	2009	
K6S-612_K6S-613	K6S-612	K6S-613	90	6	VCP	C	0	0	0	0	0	0			2007	
K6S-613_K6S-614	K6S-613	K6S-614	139	6	VCP	C	0	0	0	2	2	1			2007	
K6S-614_K6S-616	K6S-614	K6S-616	311	6	VCP	C	0	0	0	14	4	5	Y	4	2009	
K6S-615_K6S-616	K6S-615	K6S-616	95	12	VCP	C	0	0	0	20	4	6	Y	4	2009	
K6S-616_K6S-617	K6S-616	K6S-617	54	12	VCP	C	1	1	1	0	0	0	Y		2009	
K6S-617_K6S-618	K6S-617	K6S-618	256	12	VCP	B	5	5	1	27	4	8	Y	4	2009	
K6S-618_K7S-407	K6S-618	K7S-407	308	12	VCP	C	0	0	0	58	5	18	Y	4	2009	C

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
K6S-619_K6S-601	K6S-619	K6S-601	171	6	VCP	C	0	0	0	7	3	3	Y		2007	
K7S-100_K6S-303	K7S-100	K6S-303	403	12	VCP	C	0	0	0	17	4	6	Y	4	2009	C
K7S-101_K7S-100	K7S-101	K7S-100	404	12	VCP	C	0	0	0	0	0	0	Y		2009	C
K7S-102_K7S-101	K7S-102	K7S-101	213	6	VCP	C	0	0	0	34	4	7	Y		2007	
K7S-104_K7S-102	K7S-104	K7S-102	324	6	VCP	C	2	2	1	54	5	24	Y	4	2009	
K7S-105_K7S-106	K7S-105	K7S-106	130	6	VCP	C	0	0	0	4	2	2			2007	
K7S-107_K7S-106	K7S-107	K7S-106	245	6	VCP	C	1	1	1	29	4	12	Y	4	2009	
K7S-108_K7S-109	K7S-108	K7S-109	231	6	VCP	C	0	0	0	4	2	2			2007	
K7S-109_K7S-103	K7S-109	K7S-103	415	12	VCP	C	0	0	0	62	5	18	Y	4	2009	C
K7S-110_K7S-111	K7S-110	K7S-111	303	6	VCP	C	0	0	0	0	0	0			2007	
K7S-111_K7S-104	K7S-111	K7S-104	221	6	VCP	C	1	1	1	8	4	3		4	2007	
K7S-112_K7S-111	K7S-112	K7S-111	52	6	VCP	C	0	0	0	0	0	0			2007	
K7S-113_K7S-112	K7S-113	K7S-112	274	6	VCP	C	0	0	0	14	4	5	Y	4	2007	
K7S-114_K7S-115	K7S-114	K7S-115	144	6	VCP	C	0	0	0	6	4	2		4	2007	
K7S-115_K7S-107	K7S-115	K7S-107	297	6	VCP	C	1	1	1	15	4	6	Y	4	2007	
K7S-201_K7S-104	K7S-201	K7S-104	121	6	VCP	C	0	0	0	8	4	2	Y		2007	
K7S-202_K7S-102	K7S-202	K7S-102	356	6	VCP	C	1	1	1	71	2	20	Y		2007	
K7S-401_K7S-402	K7S-401	K7S-402	202	6	VCP	C	0	0	0	12	4	4	Y	4	2007	
K7S-402_K7S-109	K7S-402	K7S-109	578	12	VCP	C	1	1	1	116	5	38	Y	4	2009	C
K7S-403_K7S-404	K7S-403	K7S-404	189	6	VCP	C	0	0	0	3	2	2	Y		2007	
K7S-404_K7S-113	K7S-404	K7S-113	217	6	VCP	C	0	0	0	5	4	2	Y		2007	
K7S-405_K7S-402	K7S-405	K7S-402	279	12	VCP	C	0	0	0	36	5	10	Y	4	2009	C
K7S-406_K7S-405	K7S-406	K7S-405	133	6	VCP	C	1	1	1	1	1	1	Y		2007	
K7S-407_K7S-408	K7S-407	K7S-408	346	12	VCP	C	0	0	0	42	5	13	Y	4	2009	C
K7S-408_K7S-405	K7S-408	K7S-405	286	12	VCP	C	0	0	0	13	4	4	Y		2009	C
K7S-409_K7S-408	K7S-409	K7S-408	107	6	VCP	C	0	0	0	2	2	1			2007	
K7S-410_K7S-408	K7S-410	K7S-408	98	6	VCP	C	0	0	0	0	0	0			2007	C
K7S-411_K7S-410	K7S-411	K7S-410	127	6	VCP	C	0	0	0	1	1	1	Y		2007	C
K7S-412_K7S-410	K7S-412	K7S-410	226	6	VCP	C	1	1	1	0	0	0			2007	
K7S-413_K7S-115	K7S-413	K7S-115	261	6	VCP	C	0	0	0	8	4	4	Y		2007	
K7S-413_K7S-401	K7S-413	K7S-401	211	6	VCP	C	0	0	0	2	2	1			2007	
L4S-101_K4S-412	L4S-101	K4S-412	317	6	VCP	C	3	2	2	3	2	2	Y		2007	
L4S-107_K4S-411	L4S-107	K4S-411	155	6	VCP	B	6	4	3	2	2	1			2007	
L4S-201_K4S-505	L4S-201	K4S-505	319	6	VCP	C	0	0	0	0	0	0			2007	
L4S-202_L4S-207	L4S-202	L4S-207	137	6	VCP	C	11	4	6	5	3	2	Y		2009	A
L4S-203_L4S-202	L4S-203	L4S-202	222	6	VCP	C	4	1	4	15	5	4	Y		2009	B
L4S-204_L4S-201	L4S-204	L4S-201	257	6	VCP	C	0	0	0	0	0	0			2009	
L4S-205_L4S-314	L4S-205	L4S-314	324	6	VCP	C	0	0	0	2	2	1			2007	
L4S-206_L4S-205	L4S-206	L4S-205	100	6	VCP	C	0	0	0	20	2	9			2007	
L4S-207_K4S-504	L4S-207	K4S-504	281	6	VCP	C	2	2	1	4	3	2	Y		2009	C
L4S-301_K4S-616	L4S-301	K4S-616	148	6	VCP	C	0	0	0	16	3	7		3	2007	
L4S-302_K4S-616	L4S-302	K4S-616	202	6	VCP	B	7	1	7	26	2	13			2007	
L4S-303_L4S-302	L4S-303	L4S-302	84	6	VCP	B	5	1	5	10	2	5	Y		2007	
L4S-304_L4S-301	L4S-304	L4S-301	202	6	VCP	C	2	2	1	8	3	6		3	2007	
L4S-305_L4S-304	L4S-305	L4S-304	145	6	VCP	C	0	0	0	2	2	1			2007	
L4S-306_L4S-305	L4S-306	L4S-305	220	6	VCP	C	0	0	0	2	2	1			2007	
L4S-307_L4S-305	L4S-307	L4S-305	128	6	VCP	C	0	0	0	5	3	2	Y		2009	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
L4S-308_L4S-304	L4S-308	L4S-304	231	6	VCP	B	7	5	2	14	4	4	Y		2009	
L4S-309_L5S-104	L4S-309	L5S-104	305	6	VCP	C	0	0	0	2	2	1			2007	
L4S-310_L4S-307	L4S-310	L4S-307	252	6	VCP	C	0	0	0	24	5	7	Y	4	2009	
L4S-311_L4S-306	L4S-311	L4S-306	266	6	VCP	C	0	0	0	6	4	3	Y		2007	
L4S-312_L4S-313	L4S-312	L4S-313	300	6	VCP	C	0	0	0	4	2	3	Y		2007	
L4S-313_L4S-309	L4S-313	L4S-309	286	6	VCP	C	0	0	0	8	2	4			2007	
L4S-314_K4S-613	L4S-314	K4S-613	299	6	VCP	B	4	2	4	15	2	11	Y		2007	
L4S-502_L4S-617	L4S-502	L4S-617	155	6	VCP	C	2	1	2	0	0	0			2008	
L4S-601_L4S-312	L4S-601	L4S-312	164	6	VCP	C	0	0	0	3	2	2	Y		2009	
L4S-602_L4S-601	L4S-602	L4S-601	79	6	VCP	C	0	0	0	0	0	0	Y		2009	
L4S-603_L4P-601	L4S-603	L4P-601	55	6	VCP	C	0	0	0	49	4	17	Y	3	2009	
L4S-604_L4S-603	L4S-604	L4S-603	71	6	VCP	C	0	0	0	20	4	7	Y		2009	
L4S-605_L4S-604	L4S-605	L4S-604	132	6	VCP	C	1	1	1	3	2	2	Y		2007	
L4S-606_L4S-312	L4S-606	L4S-312	411	6	VCP	C	1	1	1	8	3	6	Y		2007	
L4S-607_L5S-113	L4S-607	L5S-113	419	6	VCP	C	2	2	1	52	4	21	Y		2009	
L4S-608_L4S-607	L4S-608	L4S-607	284	6	VCP	A	14	5	6	3	3	2	Y		2007	
L4S-609_L4S-608	L4S-609	L4S-608	80	6	VCP	C	0	0	0	4	2	2			2007	
L4S-610_L4S-611	L4S-610	L4S-611	282	6	VCP	C	0	0	0	48	4	25	Y	4	2007	
L4S-611_L4S-609	L4S-611	L4S-609	189	6	VCP	C	2	1	2	40	2	21	Y		2007	
L4S-612_L4S-609	L4S-612	L4S-609	272	6	VCP	C	0	0	0	8	2	4			2007	
L4S-613_L4S-612	L4S-613	L4S-612	150	6	VCP	B	5	5	1	2	2	1			2007	
L4S-614_L4S-609	L4S-614	L4S-609	407	6	VCP	B	5	4	2	13	3	7	Y		2007	
L4S-615_L5S-401	L4S-615	L5S-401	401	6	VCP	C	1	1	1	10	2	9	Y		2007	
L4S-616_L4S-615	L4S-616	L4S-615	302	6	VCP	C	1	1	1	1	1	1	Y		2007	
L4S-617_L4S-311	L4S-617	L4S-311	337	6	VCP	C	1	1	1	6	2	3			2007	
L5P-501_L5S-508	L5P-501	L5S-508	109	6	VCP	B	4	4	1	28	4	8		4	2007	
L5S-103_L5S-118	L5S-103	L5S-118	168	6	VCP	C	0	0	0	4	2	2			2007	
L5S-104_L5S-103	L5S-104	L5S-103	193	6	VCP	C	1	1	1	4	2	2			2007	
L5S-107_K5S-419	L5S-107	K5S-419	213	6	VCP	C	0	0	0	0	0	0			2007	
L5S-108_L5S-106	L5S-108	L5S-106	228	6	VCP	C	2	2	1	34	3	19	Y	3	2007	
L5S-109_L5S-104	L5S-109	L5S-104	312	6	VCP	C	0	0	0	16	3	7		3	2007	
L5S-110_L5S-109	L5S-110	L5S-109	243	6	VCP	C	0	0	0	2	2	1			2007	
L5S-111_L5S-415	L5S-111	L5S-415	166	6	VCP	C	0	0	0	4	2	2			2007	
L5S-112_L5S-113	L5S-112	L5S-113	41	6	VCP	C	0	0	0	2	2	1			2007	
L5S-113_L5S-115	L5S-113	L5S-115	452	6	VCP	C	0	0	0	8	3	4	Y	3	2007	
L5S-114_L5S-115	L5S-114	L5S-115	209	6	VCP	C	0	0	0	30	4	11		4	2007	
L5S-115_L5S-117	L5S-115	L5S-117	177	8	VCP	C	0	0	0	19	3	12	Y		2009	
L5S-116_L5S-206	L5S-116	L5S-206	226	6	VCP	C	0	0	0	24	4	10	Y	4	2007	
L5S-117_L5S-513	L5S-117	L5S-513	468	8	VCP	C	3	3	1	65	4	30	Y		2009	
L5S-118_L5S-101	L5S-118	L5S-101	144	8	VCP	C	0	0	0	15	5	4	Y		2009	
L5S-200_K5S-512	L5S-200	K5S-512	336	6	VCP	C	0	0	0	0	0	0			2007	
L5S-201_K5S-510	L5S-201	K5S-510	293	6	VCP	C	0	0	0	0	0	0			2007	
L5S-202_K5S-510	L5S-202	K5S-510	283	6	VCP	C	0	0	0	2	2	1			2007	
L5S-203_L5S-201	L5S-203	L5S-201	153	6	VCP	C	0	0	0	0	0	0			2007	
L5S-204_L5S-202	L5S-204	L5S-202	169	6	VCP	C	0	0	0	0	0	0			2007	
L5S-205_L5S-203	L5S-205	L5S-203	320	6	VCP	C	1	1	1	0	0	0			2007	
L5S-206_L5S-117	L5S-206	L5S-117	195	6	VCP	C	0	0	0	17	4	6		4	2007	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
L5S-207_L5S-203	L5S-207	L5S-203	280	6	VCP	C	0	0	0	0	0	0			2007	
L5S-208_L5S-207	L5S-208	L5S-207	352	6	VCP	C	0	0	0	4	4	1	Y		2007	
L5S-209_L5S-210	L5S-209	L5S-210	134	6	VCP	C	0	0	0	12	4	3	Y		2007	
L5S-210_L5S-212	L5S-210	L5S-212	258	6	VCP	C	0	0	0	7	2	5	Y		2007	
L5S-211_L5S-212	L5S-211	L5S-212	98	6	VCP	C	2	1	2	0	0	0			2007	
L5S-212_L5S-501	L5S-212	L5S-501	168	6	VCP	B	5	5	1	7	3	5	Y		2007	
L5S-301_L5S-315	L5S-301	L5S-315	163	6	VCP	C	0	0	0	0	0	0			2007	
L5S-302_L5S-301	L5S-302	L5S-301	278	6	VCP	C	0	0	0	0	0	0			2007	
L5S-303_L5S-310	L5S-303	L5S-310	404	6	VCP	C	0	0	0	13	5	4	Y		2009	
L5S-304_L5S-311	L5S-304	L5S-311	334	8	VCP	C	1	1	1	7	4	3	Y		2009	
L5S-305_L5S-309	L5S-305	L5S-309	333	6	VCP	C	1	1	1	4	3	2	Y		2007	
L5S-306_L5S-308	L5S-306	L5S-308	296	6	VCP	C	0	0	0	0	0	0			2007	
L5S-309_L5S-310	L5S-309	L5S-310	147	6	VCP	C	0	0	0	0	0	0			2007	
L5S-310_L5S-311	L5S-310	L5S-311	155	6	VCP	C	0	0	0	0	0	0	Y		2009	
L5S-311_L6S-104	L5S-311	L6S-104	315	10	VCP	C	3	3	1	21	4	8	Y	4	2009	
L5S-312_L5S-313	L5S-312	L5S-313	106	6	VCP	C	0	0	0	3	1	3	Y		2009	
L5S-313_L6S-417	L5S-313	L6S-417	233	6	VCP	B	4	4	2	6	3	5	Y		2007	
L5S-314_L5S-313	L5S-314	L5S-313	101	6	VCP	C	0	0	0	12	2	6			2007	
L5S-315_L5S-304	L5S-315	L5S-304	331	8	VCP	C	0	0	0	6	3	2	Y		2009	
L5S-401_L5S-402	L5S-401	L5S-402	338	6	VCP	C	0	0	0	11	5	7	Y		2007	
L5S-402_L5S-113	L5S-402	L5S-113	260	6	VCP	C	0	0	0	8	4	3	Y		2009	
L5S-403_L5S-404	L5S-403	L5S-404	348	6	VCP	B	5	3	2	52	4	26	Y		2009	
L5S-404_L5S-503	L5S-404	L5S-503	264	6	VCP	B	9	5	3	38	4	17	Y		2009	
L5S-405_L5S-406	L5S-405	L5S-406	210	6	VCP	C	0	0	0	1	1	1	Y		2007	
L5S-406_L5S-402	L5S-406	L5S-402	266	6	VCP	C	0	0	0	1	1	1	Y		2007	
L5S-407_L5S-408	L5S-407	L5S-408	193	6	VCP	C	0	0	0	10	3	8	Y		2007	
L5S-408_L5S-508	L5S-408	L5S-508	341	6	VCP	C	0	0	0	11	3	5	Y		2007	
L5S-409_L5S-406	L5S-409	L5S-406	209	6	VCP	C	2	1	2	45	3	14	Y	3	2007	
L5S-410_L5S-411	L5S-410	L5S-411	163	6	VCP	C	0	0	0	5	1	5	Y		2007	
L5S-411_L5S-510	L5S-411	L5S-510	131	6	VCP	C	0	0	0	6	1	6	Y		2007	
L5S-412_L5S-405	L5S-412	L5S-405	373	6	VCP	C	0	0	0	20	5	6	Y		2007	
L5S-413_L5S-409	L5S-413	L5S-409	252	6	VCP	C	1	1	1	31	3	9	Y		2007	
L5S-414_L5S-411	L5S-414	L5S-411	249	6	VCP	C	3	1	3	10	3	6	Y		2007	
L5S-415_L5S-112	L5S-415	L5S-112	163	6	VCP	C	0	0	0	5	3	2		3	2007	
L5S-501_L5S-502	L5S-501	L5S-502	164	6	VCP	B	8	5	3	4	2	2			2007	
L5S-502_L5S-505	L5S-502	L5S-505	292	8	VCP	B	6	5	2	37	4	14	Y		2009	
L5S-503_L5S-504	L5S-503	L5S-504	216	6	VCP	C	2	1	2	18	4	9	Y		2009	
L5S-504_L5S-502	L5S-504	L5S-502	256	6	VCP	C	0	0	0	23	4	8	Y	4	2007	
L5S-505_L5S-622	L5S-505	L5S-622	148	8	VCP	C	0	0	0	0	0	0	Y		2009	
L5S-506_L5S-505	L5S-506	L5S-505	172	6	VCP	C	0	0	0	0	0	0			2007	
L5S-508_L5S-504	L5S-508	L5S-504	271	6	VCP	C	0	0	0	23	3	8		3	2007	
L5S-510_L5S-509	L5S-510	L5S-509	159	6	VCP	C	0	0	0	2	1	2	Y		2007	
L5S-511_L5S-510	L5S-511	L5S-510	149	6	VCP	C	0	0	0	2	2	1			2007	
L5S-513_L5S-502	L5S-513	L5S-502	241	8	VCP	C	0	0	0	32	4	13	Y		2009	
L5S-601_L5S-612	L5S-601	L5S-612	273	6	VCP	C	1	1	1	14	3	9	Y		2007	
L5S-602_L5S-603	L5S-602	L5S-603	234	8	VCP	C	2	2	1	19	4	11	Y		2009	
L5S-604_L5S-606	L5S-604	L5S-606	271	6	VCP	C	0	0	0	20	3	9		3	2007	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
L5S-605_L5S-604	L5S-605	L5S-604	194	6	VCP	C	0	0	0	0	0	0			2008	
L5S-607_L5S-609	L5S-607	L5S-609	235	6	VCP	C	0	0	0	4	2	2			2007	
L5S-608_L5S-602	L5S-608	L5S-602	393	8	VCP	A	19	5	7	18	5	5	Y		2009	
L5S-609_L5S-608	L5S-609	L5S-608	88	6	VCP	C	0	0	0	12	3	5		3	2007	
L5S-610_L5S-608	L5S-610	L5S-608	169	8	VCP	C	0	0	0	0	0	0	Y		2009	
L5S-611_L5S-610	L5S-611	L5S-610	172	8	VCP	C	0	0	0	0	0	0	Y		2009	
L5S-612_L5S-611	L5S-612	L5S-611	144	8	VCP	C	0	0	0	0	0	0	Y		2009	
L5S-613_L5S-611	L5S-613	L5S-611	325	6	VCP	C	0	0	0	23	3	11		3	2007	
L5S-614_L5S-609	L5S-614	L5S-609	379	6	VCP	C	0	0	0	4	2	2			2007	
L5S-615_L5S-607	L5S-615	L5S-607	178	6	VCP	C	1	1	1	4	2	2			2007	
L5S-616_L5S-601	L5S-616	L5S-601	220	6	VCP	C	2	1	2	2	2	1			2007	
L6P-402_L6S-412	L6P-402	L6S-412	144	6	VCP	B	4	3	2	0	0	0			2008	
L6S-101_L6S-106	L6S-101	L6S-106	302	6	VCP	C	0	0	0	11	3	7	Y		2007	
L6S-102_L6S-115	L6S-102	L6S-115	65	6	VCP	C	2	1	2	45	5	16	Y	4	2009	
L6S-103_K6S-412	L6S-103	K6S-412	419	15	VCP	C	0	0	0	3	3	1	Y		2009	
L6S-104_L6S-103	L6S-104	L6S-103	171	12	VCP	C	0	0	0	8	4	2	Y	4	2009	
L6S-105_L6S-106	L6S-105	L6S-106	265	6	VCP	C	1	1	1	3	2	2	Y		2007	
L6S-106_L6S-109	L6S-106	L6S-109	161	6	VCP	C	1	1	1	13	3	10	Y	3	2007	
L6S-107_L6S-108	L6S-107	L6S-108	206	6	VCP	C	2	1	2	16	5	7	Y		2007	
L6S-108_L6S-223	L6S-108	L6S-223	305	6	VCP	A	15	5	7	30	4	17	Y	4	2009	
L6S-109_L6S-112	L6S-109	L6S-112	215	6	VCP	C	0	0	0	22	4	7		4	2007	
L6S-111_L6S-612	L6S-111	L6S-612	5	8	VCP	C	1	1	1	0	0	0			2008	
L6S-112_L6S-213	L6S-112	L6S-213	327	12	VCP	C	0	0	0	79	5	24	Y		2009	
L6S-113_L6S-213	L6S-113	L6S-213	239	6	VCP	C	3	2	2	63	3	17	Y	3	2007	
L6S-114_L6S-101	L6S-114	L6S-101	311	6	VCP	C	0	0	0	45	3	18	Y	3	2007	
L6S-115_L6S-108	L6S-115	L6S-108	89	6	VCP	C	1	1	1	11	3	7	Y		2009	
L6S-116_L6S-117	L6S-116	L6S-117	221	8	VCP	C	3	3	1	13	4	5	Y	4	2009	
L6S-117_L6S-111	L6S-117	L6S-111	76	8	VCP	C	0	0	0	0	0	0	Y		2009	
L6S-201_K6S-519	L6S-201	K6S-519	114	6	VCP	C	0	0	0	42	5	15	Y		2009	
L6S-204_L6S-206	L6S-204	L6S-206	311	6	VCP	C	0	0	0	2	2	1			2007	
L6S-205_K6S-611	L6S-205	K6S-611	341	12	VCP	C	0	0	0	8	4	3	Y	3	2009	
L6S-206_L6S-205	L6S-206	L6S-205	143	12	VCP	C	0	0	0	3	3	1	Y	3	2009	
L6S-207_L6S-208	L6S-207	L6S-208	196	6	VCP	C	0	0	0	19	2	13	Y		2007	
L6S-208_L6S-209	L6S-208	L6S-209	287	6	VCP	C	0	0	0	25	3	13	Y	3	2007	
L6S-209_L6S-210	L6S-209	L6S-210	220	6	VCP	C	0	0	0	33	3	16	Y	3	2007	
L6S-210_L6S-206	L6S-210	L6S-206	257	12	VCP	C	3	3	1	36	5	10	Y	4	2009	
L6S-211_L6S-210	L6S-211	L6S-210	27	12	VCP	C	0	0	0	0	0	0	Y		2009	
L6S-212_L6S-207	L6S-212	L6S-207	281	6	VCP	C	0	0	0	33	3	18	Y		2007	
L6S-213_L6S-215	L6S-213	L6S-215	342	12	VCP	C	0	0	0	12	3	4	Y		2009	
L6S-214_L6S-217	L6S-214	L6S-217	357	6	VCP	C	0	0	0	40	3	16	Y	3	2007	
L6S-215_L6S-218	L6S-215	L6S-218	282	12	VCP	C	0	0	0	0	0	0	Y		2009	C
L6S-217_L6S-221	L6S-217	L6S-221	387	6	VCP	B	5	5	1	44	4	17		4	2007	
L6S-218_L6S-221	L6S-218	L6S-221	284	12	VCP	C	2	1	2	49	5	15	Y	3	2009	
L6S-219_L6S-215	L6S-219	L6S-215	248	6	VCP	C	3	2	2	42	3	15	Y	3	2007	
L6S-221_L6P-201	L6S-221	L6P-201	21	12	VCP	C	0	0	0	19	4	6	Y	4	2009	
L6S-222_L6S-221	L6S-222	L6S-221	146	6	VCP	B	4	2	2	24	4	8	Y	4	2009	
L6S-223_L6S-203	L6S-223	L6S-203	381	6	VCP	B	7	3	3	72	5	28	Y	4	2009	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
L6S-301_L6S-302	L6S-301	L6S-302	187	6	VCP	C	0	0	0	2	2	1			2007	
L6S-302_L6S-303	L6S-302	L6S-303	46	6	VCP	C	0	0	0	2	2	1			2007	
L6S-304_L6S-305	L6S-304	L6S-305	276	6	VCP	C	2	1	3	21	2	14	Y		2007	
L6S-306_L6S-307	L6S-306	L6S-307	47	6	VCP	C	0	0	0	2	2	1			2007	
L6S-307_L6S-308	L6S-307	L6S-308	123	6	VCP	C	0	0	0	2	2	1			2007	
L6S-308_L6S-309	L6S-308	L6S-309	58	6	VCP	C	0	0	0	2	2	1			2007	
L6S-309_L6S-310	L6S-309	L6S-310	361	6	VCP	C	2	1	2	10	2	5			2007	
L6S-310_L6S-311	L6S-310	L6S-311	178	6	VCP	C	0	0	0	2	2	1			2007	
L6S-311_L6S-312	L6S-311	L6S-312	273	8	VCP	C	0	0	0	6	4	3			2007	
L6S-312_L6S-313	L6S-312	L6S-313	261	8	VCP	C	2	2	1	14	5	5			2007	
L6S-313_L6S-314	L6S-313	L6S-314	185	6	VCP	C	2	1	2	15	3	7	Y		2007	
L6S-314_L6S-315	L6S-314	L6S-315	198	6	VCP	C	1	1	1	6	2	3			2007	
L6S-315_L6S-316	L6S-315	L6S-316	360	6	VCP	C	0	0	0	6	2	3			2007	
L6S-316_L6S-317	L6S-316	L6S-317	176	6	VCP	C	1	1	1	10	2	5			2007	
L6S-317_L6S-318	L6S-317	L6S-318	151	6	VCP	B	9	5	2	8	3	5	Y		2009	
L6S-318_L6S-319	L6S-318	L6S-319	156	6	VCP	C	0	0	0	33	4	8	Y		2007	
L6S-319_L6S-320	L6S-319	L6S-320	360	6	VCP	C	1	1	1	0	0	0			2007	
L6S-320_L6S-321	L6S-320	L6S-321	149	6	VCP	C	1	1	2	2	2	1			2007	
L6S-321_L6S-322	L6S-321	L6S-322	179	6	VCP	C	0	0	0	13	5	9	Y		2007	
L6S-322_L6S-323	L6S-322	L6S-323	175	6	VCP	C	1	1	2	9	3	7	Y	3	2007	
L6S-323_L6S-324	L6S-323	L6S-324	265	6	VCP	C	0	0	0	1	1	1	Y		2008	
L6S-324_L6S-325	L6S-324	L6S-325	156	6	VCP	C	0	0	0	5	3	3			2007	
L6S-325_L6S-326	L6S-325	L6S-326	267	6	VCP	C	1	1	1	12	2	6			2007	
L6S-326_L6S-327	L6S-326	L6S-327	163	6	VCP	C	0	0	0	4	2	2			2007	
L6S-327_L6S-328	L6S-327	L6S-328	106	6	VCP	C	1	1	1	4	2	2			2007	
L6S-328_L6S-329	L6S-328	L6S-329	209	6	VCP	C	1	1	1	63	3	4			2007	
L6S-329_L6S-330	L6S-329	L6S-330	227	6	VCP	C	0	0	0	28	5	9	Y	4	2009	
L6S-330_L6S-331	L6S-330	L6S-331	16	6	VCP	B	5	5	1	6	4	2	Y		2007	
L6S-331_L6S-332	L6S-331	L6S-332	154	6	VCP	C	2	2	2	2	2	1			2007	
L6S-332_L6S-333	L6S-332	L6S-333	230	6	VCP	C	0	0	0	20	5	5	Y	3	2009	
L6S-333_L6S-334	L6S-333	L6S-334	112	8	VCP	C	0	0	0	4	4	1	Y		2009	
L6S-334_L6S-335	L6S-334	L6S-335	130	6	VCP	C	0	0	0	4	2	2			2007	
L6S-335_L6S-336	L6S-335	L6S-336	159	6	VCP	C	0	0	0	6	2	5	Y		2007	
L6S-336_L6S-337	L6S-336	L6S-337	174	6	VCP	C	0	0	0	48	4	16	Y	3	2009	
L6S-337_L6S-338	L6S-337	L6S-338	14	6	VCP	C	0	0	0	0	0	0	Y		2009	
L6S-338_L6S-339	L6S-338	L6S-339	215	6	VCP	C	0	0	0	33	2	5	Y		2007	
L6S-339_L6S-340	L6S-339	L6S-340	191	6	VCP	C	2	1	2	6	3	7	Y		2007	
L6S-340_L6S-341	L6S-340	L6S-341	379	6	VCP	C	0	0	0	6	4	2	Y	4	2009	
L6S-341_L6S-342	L6S-341	L6S-342	411	6	VCP	C	0	0	0	102	3	14	Y		2007	
L6S-342_L6S-343	L6S-342	L6S-343	28	8	VCP	C	0	0	0	6	2	3			2007	
L6S-343_L6S-344	L6S-343	L6S-344	427	6	VCP	C	0	0	0	10	3	5	Y		2007	
L6S-344_L6S-345	L6S-344	L6S-345	315	6	VCP	C	0	0	0	25	2	11	Y		2007	
L6S-345_L6S-346	L6S-345	L6S-346	383	6	VCP	B	6	4	2	9	3	4	Y		2009	
L6S-346_L6S-347	L6S-346	L6S-347	194	6	VCP	C	0	0	0	10	4	3	Y	4	2009	
L6S-347_L6S-348	L6S-347	L6S-348	117	6	VCP	C	0	0	0	17	3	13	Y		2007	
L6S-348_L6S-349	L6S-348	L6S-349	185	8	VCP	C	0	0	0	16	2	8	Y		2007	
L6S-349_L6S-350	L6S-349	L6S-350	158	8	VCP	C	0	0	0	4	2	2			2007	



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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
L6S-518_L6S-517	L6S-518	L6S-517	252	6	VCP	C	0	0	0	19	4	11	Y		2007	
L6S-519_L6S-518	L6S-519	L6S-518	17	6	VCP	C	0	0	0	1	1	1	Y		2007	
L6S-520_L6S-113	L6S-520	L6S-113	207	6	VCP	C	3	1	3	8	3	6	Y		2007	
L6S-521_L6S-416	L6S-521	L6S-416	256	6	VCP	C	0	0	0	6	4	3			2007	
L6S-601_L6S-316	L6S-601	L6S-316	449	6	VCP	B	7	5	2	12	4	7	Y	4	2007	
L6S-602_L6S-610	L6S-602	L6S-610	354	6	VCP	C	1	1	1	14	2	7			2007	
L6S-603_L7S-413	L6S-603	L7S-413	302	6	VCP	C	2	2	1	2	2	1			2007	
L6S-604_L6S-602	L6S-604	L6S-602	348	6	VCP	A	25	1	8	8	2	4			2007	
L6S-605_L6S-603	L6S-605	L6S-603	295	6	VCP	C	2	1	2	16	2	8			2007	
L6S-606_L6S-604	L6S-606	L6S-604	324	6	VCP	A	60	1	4	8	2	4			2007	
L6S-606_L6S-605	L6S-606	L6S-605	304	6	VCP	B	7	1	4	12	2	6			2007	
L6S-607_M6S-313	L6S-607	M6S-313	166	6	VCP	C	2	2	1	13	3	6			2007	
L6S-608_L6S-609	L6S-608	L6S-609	359	6	VCP	A	11	1	11	16	2	8			2007	
L6S-609_L7S-405	L6S-609	L7S-405	359	6	VCP	B	6	1	6	10	2	5	Y		2009	
L6S-610_L6S-315	L6S-610	L6S-315	211	6	VCP	C	2	1	2	6	4	2			2007	
L6S-612_L6S-112	L6S-612	L6S-112	273	12	VCP	C	0	0	0	28	4	9	Y	4	2009	
L7S-101_K7S-411	L7S-101	K7S-411	271	6	VCP	C	0	0	0	0	0	0			2007	C
L7S-102_K7S-412	L7S-102	K7S-412	206	6	VCP	C	2	1	2	2	2	1			2007	
L7S-103_L7S-102	L7S-103	L7S-102	79	6	VCP	C	2	1	2	0	0	0			2007	
L7S-104_L7S-105	L7S-104	L7S-105	250	6	VCP	C	1	1	1	7	4	2		4	2007	
L7S-105_L7S-101	L7S-105	L7S-101	272	6	VCP	C	0	0	0	2	1	2	Y		2007	C
L7S-106_L7S-111	L7S-106	L7S-111	365	6	VCP	C	1	1	1	2	2	1			2007	
L7S-107_L7S-106	L7S-107	L7S-106	359	6	VCP	C	1	1	1	5	5	1			2007	
L7S-108_L7S-105	L7S-108	L7S-105	309	6	VCP	C	0	0	0	11	4	4	Y	4	2007	C
L7S-109_L7S-108	L7S-109	L7S-108	315	6	VCP	C	3	1	3	2	2	1			2007	
L7S-111_K7S-407	L7S-111	K7S-407	354	6	VCP	C	1	1	1	0	0	0			2007	
L7S-401_L7S-107	L7S-401	L7S-107	404	6	VCP	C	1	1	1	3	2	2	Y		2007	
L7S-402_L7S-108	L7S-402	L7S-108	312	6	VCP	C	0	0	0	2	1	2	Y		2007	C
L7S-403_L7S-402	L7S-403	L7S-402	173	6	VCP	C	3	1	3	2	2	1			2007	
L7S-404_L7S-402	L7S-404	L7S-402	189	6	VCP	C	0	0	0	3	3	1			2007	C
L7S-405_L7S-401	L7S-405	L7S-401	320	6	VCP	C	1	1	1	2	2	1			2007	
L7S-406_L7S-404	L7S-406	L7S-404	261	6	VCP	C	0	0	0	3	3	1	Y		2007	C
L7S-407_L7S-405	L7S-407	L7S-405	247	6	VCP	C	1	1	1	0	0	0			2007	
L7S-408_L7S-406	L7S-408	L7S-406	207	6	VCP	C	0	0	0	0	0	0			2007	C
L7S-409_L7S-407	L7S-409	L7S-407	247	6	VCP	C	1	1	1	0	0	0			2007	
L7S-409_L7S-410	L7S-409	L7S-410	200	6	VCP	C	2	1	2	2	2	1			2007	
L7S-410_L7S-411	L7S-410	L7S-411	143	6	VCP	C	2	1	2	3	2	2	Y		2007	
L7S-411_L7S-408	L7S-411	L7S-408	209	6	VCP	C	0	0	0	13	4	4	Y		2007	C
L7S-413_L7S-401	L7S-413	L7S-401	115	6	VCP	C	2	1	2	0	0	0			2007	
M5S-101_L4S-616	M5S-101	L4S-616	284	6	VCP	C	0	0	0	2	1	2	Y		2007	
M5S-102_M5S-101	M5S-102	M5S-101	159	6	VCP	C	1	1	1	5	3	3	Y		2007	
M5S-103_M5S-102	M5S-103	M5S-102	241	6	VCP	C	0	0	0	6	3	4	Y		2007	
M5S-104_M5S-105	M5S-104	M5S-105	165	6	VCP	C	1	1	1	0	0	0			2007	
M5S-105_L5S-414	M5S-105	L5S-414	260	6	VCP	C	0	0	0	0	0	0			2007	
M5S-106_M5S-223	M5S-106	M5S-223	279	6	VCP	C	0	0	0	31	3	8	Y		2007	
M5S-107_M5S-108	M5S-107	M5S-108	208	6	VCP	C	0	0	0	0	0	0			2007	
M5S-108_M5S-211	M5S-108	M5S-211	148	6	VCP	C	0	0	0	3	2	2	Y		2007	

Appendix O - Condition Assessment Rating

PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
M5S-109_L5S-413	M5S-109	L5S-413	261	6	VCP	C	0	0	0	12	3	8	Y		2007	
M5S-201_L5S-512	M5S-201	L5S-512	132	6	VCP	B	6	3	3	3	3	1	Y		2009	
M5S-202_M5S-201	M5S-202	M5S-201	138	6	VCP	C	0	0	0	14	3	5	Y	3	2007	
M5S-203_M5S-205	M5S-203	M5S-205	143	6	VCP	C	0	0	0	9	3	5	Y	3	2007	
M5S-204_M5S-203	M5S-204	M5S-203	275	6	VCP	B	9	5	2	25	3	15	Y		2007	
M5S-205_M5S-202	M5S-205	M5S-202	266	6	VCP	C	0	0	0	0	0	0			2007	
M5S-206_M5S-202	M5S-206	M5S-202	230	6	VCP	C	0	0	0	10	2	5			2007	
M5S-208_M5S-207	M5S-208	M5S-207	125	6	VCP	C	0	0	0	1	1	1	Y		2007	
M5S-209_M5S-208	M5S-209	M5S-208	96	6	VCP	C	1	1	1	0	0	0			2007	
M5S-210_M5S-205	M5S-210	M5S-205	237	6	VCP	C	0	0	0	39	3	10	Y		2007	
M5S-211_M5S-210	M5S-211	M5S-210	247	6	VCP	C	0	0	0	24	3	8	Y		2007	
M5S-212_M5S-210	M5S-212	M5S-210	92	6	VCP	C	1	1	1	13	3	8	Y		2007	
M5S-214_M5S-208	M5S-214	M5S-208	132	6	VCP	C	0	0	0	8	4	3	Y	4	2007	
M5S-215_M5S-214	M5S-215	M5S-214	56	6	VCP	C	0	0	0	8	2	4			2007	
M5S-216_M5P-201	M5S-216	M5P-201	97	6	VCP	C	0	0	0	0	0	0			2008	
M5S-217_M5S-216	M5S-217	M5S-216	72	6	VCP	C	0	0	0	0	0	0			2008	
M5S-218_M5S-217	M5S-218	M5S-217	88	6	VCP	C	0	0	0	0	0	0			2008	
M5S-219_M5S-212	M5S-219	M5S-212	207	6	VCP	C	0	0	0	48	3	16	Y		2009	
M5S-220_M5S-221	M5S-220	M5S-221	195	6	VCP	C	1	1	1	28	3	8	Y		2007	
M5S-221_M5S-219	M5S-221	M5S-219	116	6	VCP	C	0	0	0	9	4	3	Y	4	2009	
M5S-222_M5S-218	M5S-222	M5S-218	198	6	VCP	C	0	0	0	0	0	0			2008	
M5S-223_L5S-511	M5S-223	L5S-511	207	6	VCP	C	3	1	3	8	4	4	Y		2007	
M5S-301_L5S-614	M5S-301	L5S-614	349	6	VCP	C	0	0	0	7	2	4			2007	
M5S-302_M5S-301	M5S-302	M5S-301	274	6	VCP	C	0	0	0	2	2	1			2007	
M5S-303_M5S-316	M5S-303	M5S-316	280	6	VCP	C	0	0	0	24	3	11		3	2007	
M5S-304_M5S-207	M5S-304	M5S-207	331	6	VCP	C	0	0	0	0	0	0			2008	
M5S-305_M5S-303	M5S-305	M5S-303	278	6	VCP	C	0	0	0	15	3	7	Y	3	2007	
M5S-306_M5S-305	M5S-306	M5S-305	279	6	VCP	C	0	0	0	20	2	10	Y		2007	
M5S-307_M5S-304	M5S-307	M5S-304	340	6	VCP	C	0	0	0	0	0	0			2008	
M5S-309_M5S-308	M5S-309	M5S-308	176	6	VCP	C	0	0	0	6	3	4	Y		2007	
M5S-310_M5S-309	M5S-310	M5S-309	167	6	VCP	C	0	0	0	14	3	6		3	2007	
M5S-311_M5S-310	M5S-311	M5S-310	236	6	VCP	C	0	0	0	37	3	9	Y		2007	
M5S-312_M5S-307	M5S-312	M5S-307	333	6	VCP	C	0	0	0	0	0	0			2008	
M5S-313_M5S-309	M5S-313	M5S-309	191	6	VCP	C	0	0	0	4	1	4	Y		2007	
M5S-316_L5S-613	M5S-316	L5S-613	318	6	VCP	C	0	0	0	22	3	13	Y		2007	
M5S-501_M5S-222	M5S-501	M5S-222	196	6	VCP	C	0	0	0	12	4	5	Y		2007	
M5S-502_M5S-221	M5S-502	M5S-221	311	6	VCP	C	0	0	0	11	3	4	Y		2009	
M5S-503_M5S-505	M5S-503	M5S-505	206	6	VCP	A	11	4	8	8	4	3			2007	
M5S-504_M5S-503	M5S-504	M5S-503	227	6	VCP	C	2	1	2	5	5	1	Y		2007	
M5S-602_M5S-313	M5S-602	M5S-313	278	6	VCP	C	0	0	0	2	1	2	Y		2007	
M5S-603_M5S-501	M5S-603	M5S-501	98	6	VCP	C	0	0	0	7	3	5	Y		2007	
M5S-604_M5S-602	M5S-604	M5S-602	175	6	VCP	C	0	0	0	0	0	0			2007	
M5S-605_M5S-602	M5S-605	M5S-602	168	6	VCP	C	0	0	0	0	0	0			2007	
M5S-606_M5S-607	M5S-606	M5S-607	231	6	VCP	C	0	0	0	5	1	5	Y		2007	
M5S-607_M5S-601	M5S-607	M5S-601	199	6	VCP	C	1	1	1	8	3	5	Y		2007	
M5S-608_M5S-609	M5S-608	M5S-609	125	6	VCP	C	0	0	0	10	2	6	Y		2007	
M5S-609_M5S-605	M5S-609	M5S-605	248	6	VCP	C	0	0	0	40	3	12	Y	3	2007	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
M5S-610_M5S-613	M5S-610	M5S-613	91	6	VCP	C	0	0	0	0	0	0	Y		2009	
M5S-613_M5S-612	M5S-613	M5S-612	142	6	VCP	C	0	0	0	12	5	4	Y		2009	
M5S-614_M5S-615	M5S-614	M5S-615	187	6	VCP	C	0	0	0	0	0	0			2007	
M5S-615_M5S-613	M5S-615	M5S-613	133	6	VCP	C	0	0	0	0	0	0			2007	
M5S-616_M5S-609	M5S-616	M5S-609	208	6	VCP	C	0	0	0	8	2	6	Y		2007	
M5S-617_M5S-616	M5S-617	M5S-616	188	6	VCP	C	0	0	0	1	1	1	Y		2007	
M5S-618_M5S-615	M5S-618	M5S-615	218	6	VCP	C	0	0	0	3	1	3	Y		2007	
M5S-619_M5S-618	M5S-619	M5S-618	233	6	VCP	C	0	0	0	12	2	6			2007	
M5S-620_M5S-606	M5S-620	M5S-606	228	6	VCP	C	0	0	0	11	2	7	Y		2007	
M6P-502_M6P-503	M6P-502	M6P-503	39	6	VCP	C	1	1	1	9	4	4	Y		2007	
M6S-102_L6S-414	M6S-102	L6S-414	258	6	VCP	C	0	0	0	17	3	8	Y		2007	
M6S-103_M6S-101	M6S-103	M6S-101	120	6	VCP	C	0	0	0	4	2	2			2007	
M6S-104_M6S-106	M6S-104	M6S-106	105	6	VCP	C	0	0	0	8	2	4			2007	
M6S-105_M6S-107	M6S-105	M6S-107	59	6	VCP	A	10	5	3	7	5	2	Y		2007	
M6S-106_M6S-105	M6S-106	M6S-105	148	6	VCP	C	0	0	0	21	3	9	Y		2009	
M6S-107_M6S-103	M6S-107	M6S-103	116	6	VCP	C	2	1	2	20	2	5			2007	
M6S-108_M6S-109	M6S-108	M6S-109	71	6	VCP	C	0	0	0	6	2	3			2007	
M6S-109_M6S-112	M6S-109	M6S-112	139	6	VCP	C	1	1	1	20	2	10			2007	
M6S-110_M5S-306	M6S-110	M5S-306	344	6	VCP	C	0	0	0	26	5	10	Y		2007	
M6S-111_M6S-110	M6S-111	M6S-110	78	6	VCP	C	0	0	0	11	3	5	Y		2007	
M6S-112_M6S-113	M6S-112	M6S-113	234	6	VCP	C	0	0	0	12	2	6			2007	
M6S-113_M6S-116	M6S-113	M6S-116	153	6	VCP	C	1	1	1	13	3	9			2007	
M6S-114_M6S-113	M6S-114	M6S-113	316	6	VCP	C	1	1	2	34	2	17			2007	
M6S-115_M6S-114	M6S-115	M6S-114	154	6	VCP	B	6	5	4	5	3	3	Y		2007	
M6S-116_M6S-206	M6S-116	M6S-206	339	6	VCP	C	0	0	0	3	3	1	Y		2007	
M6S-117_M6S-116	M6S-117	M6S-116	64	6	VCP	C	0	0	0	0	0	0			2007	
M6S-118_M6S-115	M6S-118	M6S-115	213	6	VCP	C	1	1	2	7	2	5	Y		2007	
M6S-121_M6S-118	M6S-121	M6S-118	93	6	VCP	C	2	2	2	14	4	7			2007	
M6S-122_M6S-121	M6S-122	M6S-121	111	6	VCP	C	0	0	0	2	2	1			2007	C
M6S-123_M6S-104	M6S-123	M6S-104	175	6	VCP	C	2	2	1	4	2	2			2007	
M6S-201_M6S-203	M6S-201	M6S-203	127	6	VCP	C	0	0	0	11	2	6	Y		2007	
M6S-202_L6S-521	M6S-202	L6S-521	189	6	VCP	C	1	1	2	6	4	3			2007	
M6S-203_M6S-202	M6S-203	M6S-202	59	6	VCP	C	0	0	0	1	1	2	Y		2007	
M6S-204_L6S-519	M6S-204	L6S-519	375	8	VCP	C	1	1	1	134	4	47	Y		2009	
M6S-205_M6S-203	M6S-205	M6S-203	227	6	VCP	C	0	0	0	2	2	1			2007	
M6S-206_M6S-202	M6S-206	M6S-202	336	6	VCP	C	0	0	0	1	1	1	Y		2007	
M6S-207_M6S-206	M6S-207	M6S-206	261	6	VCP	C	0	0	0	2	2	1	Y		2007	
M6S-208_M6S-205	M6S-208	M6S-205	166	6	VCP	C	0	0	0	2	2	1			2007	
M6S-209_M6S-208	M6S-209	M6S-208	139	6	VCP	C	0	0	0	2	2	1			2007	
M6S-210_M6S-207	M6S-210	M6S-207	239	6	VCP	C	0	0	0	2	2	1	Y		2007	
M6S-211_M6S-212	M6S-211	M6S-212	127	6	VCP	C	0	0	0	2	2	1			2007	
M6S-212_M6S-305	M6S-212	M6S-305	343	6	VCP	A	19	5	6	26	5	16	Y		2009	
M6S-213_M6S-210	M6S-213	M6S-210	192	6	VCP	C	0	0	0	2	2	1	Y		2007	
M6S-214_M6S-117	M6S-214	M6S-117	353	6	VCP	C	3	3	1	0	0	0			2007	
M6S-301_L6S-608	M6S-301	L6S-608	339	6	VCP	B	8	1	5	6	2	3			2007	
M6S-301_M6S-313	M6S-301	M6S-313	299	6	VCP	B	6	1	6	19	3	9		3	2007	
M6S-302_M7S-117	M6S-302	M7S-117	282	6	VCP	A	49	1	8	22	2	17			2007	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
M6S-303_M6S-302	M6S-303	M6S-302	222	6	VCP	A	41	2	4	11	3	5		3	2007	
M6S-304_M6S-301	M6S-304	M6S-301	245	6	VCP	A	46	1	5	9	3	4	Y		2007	
M6S-305_M6S-204	M6S-305	M6S-204	369	8	VCP	C	1	1	1	227	4	75	Y		2009	
M6S-306_M6S-302	M6S-306	M6S-302	335	6	VCP	A	11	1	11	14	2	7			2007	
M6S-307_M6S-308	M6S-307	M6S-308	71	6	VCP	C	0	0	0	10	2	5			2007	
M6S-308_M6S-306	M6S-308	M6S-306	337	6	VCP	C	0	0	0	3	3	1			2007	
M6S-309_M6S-212	M6S-309	M6S-212	262	6	VCP	C	0	0	0	15	5	9	Y	4	2007	
M6S-310_M6S-308	M6S-310	M6S-308	258	6	VCP	A	12	2	10	4	2	2			2007	
M6S-311_M6S-312	M6S-311	M6S-312	189	6	VCP	A	14	2	7	4	2	2			2007	
M6S-312_M6S-303	M6S-312	M6S-303	380	6	VCP	C	3	1	3	16	2	8			2007	
M6S-313_L6S-606	M6S-313	L6S-606	309	6	VCP	B	9	2	8	12	2	6			2007	
M6S-401_M6S-122	M6S-401	M6S-122	121	6		C	1	1	2	2	2	1			2007	C
M6S-402_M6S-401	M6S-402	M6S-401	143	6	VCP	C	1	1	2	5	3	3	Y		2007	C
M6S-403_M6S-418	M6S-403	M6S-418	305	6	VCP	B	6	3	2	0	0	0			2007	
M6S-404_M6S-501	M6S-404	M6S-501	182	6	VCP	C	2	2	1	0	0	0	Y		2009	
M6S-405_M6S-403	M6S-405	M6S-403	117	6	VCP	C	0	0	0	0	0	0			2007	
M6S-406_M6S-408	M6S-406	M6S-408	108	6	VCP	C	0	0	0	4	4	1	Y		2009	C
M6S-407_M6S-405	M6S-407	M6S-405	245	6	VCP	C	0	0	0	3	2	2	Y		2007	
M6S-408_M6S-512	M6S-408	M6S-512	228	6	VCP	C	2	2	1	0	0	0	Y		2009	C
M6S-409_M6S-402	M6S-409	M6S-402	319	6	VCP	C	1	1	2	11	3	6	Y		2007	C
M6S-410_M6S-409	M6S-410	M6S-409	157	6	VCP	C	0	0	0	15	3	8	Y		2007	C
M6S-411_M6S-410	M6S-411	M6S-410	217	6	VCP	C	1	1	2	2	2	1			2007	C
M6S-412_M6S-405	M6S-412	M6S-405	330	6	VCP	C	0	0	0	5	5	1	Y		2007	
M6S-413_M6S-412	M6S-413	M6S-412	199	6	VCP	C	0	0	0	0	0	0			2007	
M6S-414_M6S-413	M6S-414	M6S-413	126	6	VCP	C	0	0	0	0	0	0			2007	
M6S-415_M6S-416	M6S-415	M6S-416	59	6	VCP	C	0	0	0	12	5	3	Y		2009	C
M6S-416_M6S-417	M6S-416	M6S-417	214	6	VCP	C	0	0	0	14	5	4	Y		2009	C
M6S-417_M6S-408	M6S-417	M6S-408	152	6	VCP	C	0	0	0	2	2	1	Y		2009	C
M6S-418_M6S-117	M6S-418	M6S-117	371	6	VCP	C	0	0	0	0	0	0			2007	
M6S-501_M6S-522	M6S-501	M6S-522	74	6	VCP	C	3	2	2	0	0	0	Y		2009	
M6S-502_M6S-212	M6S-502	M6S-212	409	6	VCP	C	0	0	0	0	0	0			2007	
M6S-503_M6S-501	M6S-503	M6S-501	131	6	VCP	C	2	2	1	3	3	1	Y		2009	
M6S-504_M6S-214	M6S-504	M6S-214	408	6	VCP	C	0	0	0	3	3	1	Y		2007	
M6S-505_M6S-506	M6S-505	M6S-506	113	6	VCP	C	0	0	0	4	2	3			2007	
M6S-506_M6S-615	M6S-506	M6S-615	293	6	VCP	C	0	0	0	56	5	23	Y		2009	
M6S-507_M6S-506	M6S-507	M6S-506	181	6	VCP	C	0	0	0	5	4	2	Y		2009	
M6S-508_M6S-510	M6S-508	M6S-510	111	6	VCP	C	1	1	1	1	1	1	Y		2009	
M6S-509_M6S-504	M6S-509	M6S-504	179	6	VCP	C	0	0	0	0	0	0			2007	
M6S-510_M6S-507	M6S-510	M6S-507	143	6	VCP	C	0	0	0	16	2	8			2007	
M6S-512_M6S-509	M6S-512	M6S-509	205	6	VCP	C	0	0	0	0	0	0			2007	
M6S-514_M6S-511	M6S-514	M6S-511	136	6	VCP	C	0	0	0	14	4	7	Y		2007	
M6S-515_M6S-514	M6S-515	M6S-514	60	6	VCP	C	2	2	1	9	4	3	Y		2009	
M6S-516_M6S-605	M6S-516	M6S-605	93	6	VCP	C	1	1	2	2	2	1			2007	
M6S-517_M6S-518	M6S-517	M6S-518	119	6	VCP	C	1	1	2	8	4	5		4	2007	
M6S-517_M6S-612	M6S-517	M6S-612	222	6	VCP	C	0	0	0	4	2	3			2007	
M6S-518_M6S-515	M6S-518	M6S-515	240	6	VCP	B	5	4	2	1	1	1	Y		2009	
M6S-519_M6S-518	M6S-519	M6S-518	131	6	VCP	B	7	5	6	4	2	3			2007	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
M6S-520_M6P-501	M6S-520	M6P-501	239	6	VCP	C	21	5	6	70	5	21	Y	4	2009	A
M6S-521_M6S-512	M6S-521	M6S-512	340	6	VCP	C	0	0	0	0	0	0			2007	
M6S-522_M6S-214	M6S-522	M6S-214	174	6	VCP	C	0	0	0	5	5	1	Y		2009	
M6S-601_M6S-615	M6S-601	M6S-615	123	6	VCP	C	3	2	4	7	3	5		3	2007	
M6S-602_M6S-310	M6S-602	M6S-310	287	6	VCP	A	32	2	12	10	2	5			2007	
M6S-603_M6S-312	M6S-603	M6S-312	383	6	VCP	A	50	2	15	10	2	5			2007	
M6S-604_M6S-603	M6S-604	M6S-603	91	6	VCP	B	4	1	4	4	2	2			2007	
M6S-605_M6S-506	M6S-605	M6S-506	263	6	VCP	C	2	1	4	2	2	1			2007	
M6S-606_M6S-607	M6S-606	M6S-607	219	6	VCP	C	2	2	2	6	4	3	Y		2007	
M6S-607_M6S-601	M6S-607	M6S-601	361	6	VCP	C	0	0	0	20	4	11	Y	3	2007	
M6S-608_M6S-609	M6S-608	M6S-609	411	6	VCP	C	3	3	1	16	4	11	Y	4	2009	
M6S-609_M6S-607	M6S-609	M6S-607	241	6	VCP	C	1	1	2	13	4	9	Y		2007	
M6S-610_M6S-609	M6S-610	M6S-609	96	6	VCP	C	0	0	0	6	3	5	Y		2007	
M6S-611_M6S-610	M6S-611	M6S-610	120	6	VCP	C	0	0	0	2	2	1			2007	
M6S-612_M6S-611	M6S-612	M6S-611	109	6	VCP	C	0	0	0	2	2	1			2007	
M6S-613_M6S-609	M6S-613	M6S-609	220	6	VCP	C	1	1	2	5	3	3			2007	
M6S-614_M6S-608	M6S-614	M6S-608	340	6	VCP	C	0	0	0	31	5	11	Y		2009	
M6S-615_M6S-309	M6S-615	M6S-309	245	6	VCP	C	0	0	0	13	4	9	Y	3	2007	
M7S-102_M7S-103	M7S-102	M7S-103	219	6	VCP	C	0	0	0	9	4	3	Y	4	2007	
M7S-103_M7S-104	M7S-103	M7S-104	104	6	VCP	C	0	0	0	1	1	1	Y		2007	
M7S-104_L7S-412	M7S-104	L7S-412	299	6	VCP	C	0	0	0	6	2	3	Y		2009	C
M7S-105_M7S-102	M7S-105	M7S-102	109	6	VCP	C	0	0	0	0	0	0			2007	
M7S-106_M7S-104	M7S-106	M7S-104	216	6	VCP	C	0	0	0	7	4	3	Y		2007	
M7S-107_M7S-103	M7S-107	M7S-103	194	6	VCP	C	0	0	0	2	1	2	Y		2007	
M7S-108_M7S-105	M7S-108	M7S-105	215	6	VCP	C	0	0	0	1	1	1	Y		2007	
M7S-109_M7S-106	M7S-109	M7S-106	208	6	VCP	C	0	0	0	35	4	11	Y	4	2009	
M7S-110_M7S-113	M7S-110	M7S-113	168	6	VCP	C	0	0	0	1	1	1	Y		2007	
M7S-111_M7S-108	M7S-111	M7S-108	225	6	VCP	C	0	0	0	5	4	2	Y		2007	
M7S-112_M7S-111	M7S-112	M7S-111	103	6	VCP	C	0	0	0	2	1	2	Y		2007	
M7S-113_M7S-112	M7S-113	M7S-112	212	6	VCP	C	0	0	0	2	2	1			2007	
M7S-114_M7S-115	M7S-114	M7S-115	90	6	VCP	C	0	0	0	3	2	2	Y		2007	
M7S-115_M7S-116	M7S-115	M7S-116	138	6	VCP	C	0	0	0	26	3	9	Y		2007	
M7S-116_M7S-109	M7S-116	M7S-109	223	6	VCP	C	0	0	0	42	4	13	Y	4	2009	
M7S-117_L7S-409	M7S-117	L7S-409	179	6	VCP	C	2	1	2	2	2	1			2007	
M7S-201_M7S-204	M7S-201	M7S-204	131	6	VCP	C	0	0	0	8	4	2	Y	4	2007	
M7S-202_M7S-201	M7S-202	M7S-201	149	6	VCP	C	0	0	0	11	4	3	Y	4	2009	C
M7S-203_M7S-202	M7S-203	M7S-202	60	6	VCP	C	2	2	1	3	3	1	Y	3	2009	C
M7S-204_M7S-116	M7S-204	M7S-116	159	6	VCP	C	0	0	0	0	0	0			2007	
M7S-400_M6S-604	M7S-400	M6S-604	140	6	VCP	B	5	1	5	12	4	5			2007	
M7S-401_M7S-402	M7S-401	M7S-402	218	6	VCP	C	0	0	0	54	2	22	Y		2007	
M7S-402_M7S-403	M7S-402	M7S-403	229	6	VCP	C	0	0	0	2	2	1			2007	
M7S-403_M7S-502	M7S-403	M7S-502	319	6	VCP	C	0	0	0	4	2	2			2007	
M7S-501_M7S-203	M7S-501	M7S-203	205	6	VCP	C	10	5	2	101	4	33	Y	3	2009	A
M7S-502_M7S-501	M7S-502	M7S-501	242	6	VCP	C	0	0	0	28	2	6	Y		2007	
N6S-101_N6S-104	N6S-101	N6S-104	202	6	VCP	C	0	0	0	2	2	1			2007	
N6S-102_M6S-521	N6S-102	M6S-521	265	6	VCP	C	3	2	2	3	3	1	Y		2009	
N6S-103_N6S-102	N6S-103	N6S-102	98	6	VCP	C	0	0	0	4	2	2	Y		2009	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
N6S-104_N6S-102	N6S-104	N6S-102	214	6	VCP	A	15	5	4	25	5	8	Y		2009	
N6S-105_N6S-104	N6S-105	N6S-104	156	6	VCP	C	0	0	0	5	5	1	Y		2009	
N6S-107_N6S-105	N6S-107	N6S-105	144	6	VCP	C	2	2	1	5	3	2	Y		2009	
N6S-108_N6S-103	N6S-108	N6S-103	198	6	VCP	C	0	0	0	0	0	0	Y		2009	
N6S-109_N6S-411	N6S-109	N6S-411	276	6	VCP	C	0	0	0	4	2	2	Y		2007	
N6S-110_N6S-109	N6S-110	N6S-109	271	6	VCP	C	5	1	10	10	2	5	Y		2007	B
N6S-112_N6S-111	N6S-112	N6S-111	99	4	VCP	A	12	3	10	7	2	5	Y		2008	
N6S-113_N6S-413	N6S-113	N6S-413	171	6	VCP	C	0	0	0	3	2	2	Y		2007	
N6S-201_N6S-519	N6S-201	N6S-519	144	6	VCP	C	1	1	1	0	0	0	Y		2007	
N6S-202_N6S-216	N6S-202	N6S-216	304	6	VCP	B	6	2	4	6	4	2	Y		2007	
N6S-204_N6S-201	N6S-204	N6S-201	229	6	VCP	B	4	4	1	20	3	16	Y		2009	
N6S-205_N6S-213	N6S-205	N6S-213	307	6	VCP	C	1	1	1	2	2	1	Y		2007	
N6S-206_N6S-205	N6S-206	N6S-205	315	6	VCP	C	1	1	1	10	4	3	Y		2007	
N6S-207_N6S-202	N6S-207	N6S-202	208	6	VCP	C	3	1	3	0	0	0	Y		2007	
N6S-208_N6S-207	N6S-208	N6S-207	209	6	VCP	C	3	1	3	0	0	0	Y		2007	
N6S-209_N6S-210	N6S-209	N6S-210	160	6	VCP	C	1	1	1	0	0	0	Y		2007	
N6S-210_N6S-206	N6S-210	N6S-206	144	6	VCP	C	3	2	2	0	0	0	Y		2007	
N6S-211_N6S-212	N6S-211	N6S-212	89	6	VCP	C	1	1	2	3	2	3	Y		2007	
N6S-212_N6S-213	N6S-212	N6S-213	117	6	VCP	C	1	1	2	2	2	1	Y		2007	
N6S-213_N6S-305	N6S-213	N6S-305	387	6	VCP	C	0	0	0	8	4	3	Y		2007	
N6S-215_N6S-305	N6S-215	N6S-305	573	6	VCP	C	0	0	0	9	4	3	Y	4	2009	
N6S-216_N6S-201	N6S-216	N6S-201	220	6	VCP	B	5	3	2	10	4	3	Y		2009	
N6S-301_N6S-204	N6S-301	N6S-204	199	6	VCP	C	0	0	0	18	3	13	Y		2009	
N6S-302_N6S-613	N6S-302	N6S-613	210	6	VCP	C	0	0	0	3	2	3	Y		2007	
N6S-303_N6S-305	N6S-303	N6S-305	120	6	VCP	C	2	2	2	9	3	7	Y		2007	
N6S-304_N6S-302	N6S-304	N6S-302	229	6	VCP	C	1	1	2	3	2	3	Y		2007	
N6S-305_N6S-304	N6S-305	N6S-304	143	6	VCP	C	0	0	0	3	2	3	Y		2007	
N6S-307_N6S-302	N6S-307	N6S-302	195	6	VCP	B	5	2	6	0	0	0	Y		2007	
N6S-503_N6S-608	N6S-503	N6S-608	111	6	VCP	B	5	2	4	0	0	0	Y		2009	
N6S-505_N6S-215	N6S-505	N6S-215	218	6	VCP	B	5	5	1	7	3	3	Y		2009	
N6S-506_N6S-505	N6S-506	N6S-505	40	6	VCP	C	0	0	0	0	0	0	Y		2009	
N6S-507_N6S-506	N6S-507	N6S-506	53	6	VCP	C	2	1	2	2	2	1	Y		2009	
N6S-508_N6S-509	N6S-508	N6S-509	116	6	VCP	C	0	0	0	2	2	1	Y		2007	
N6S-509_N6S-510	N6S-509	N6S-510	143	6	VCP	C	0	0	0	4	2	3	Y		2007	
N6S-510_N6S-511	N6S-510	N6S-511	140	6	VCP	C	3	1	3	5	3	2	Y		2009	
N6S-511_N6S-607	N6S-511	N6S-607	274	6	VCP	C	3	1	3	18	4	6	Y	4	2009	
N6S-512_N6S-501	N6S-512	N6S-501	169	6	VCP	C	1	1	1	2	2	1	Y		2007	
N6S-601_N6S-606	N6S-601	N6S-606	128	6	VCP	C	0	0	0	20	2	10	Y		2007	
N6S-602_N6S-606	N6S-602	N6S-606	89	6	VCP	C	0	0	0	2	2	1	Y		2007	
N6S-603_N6S-602	N6S-603	N6S-602	163	6	VCP	C	0	0	0	2	2	1	Y		2007	
N6S-604_N6S-603	N6S-604	N6S-603	173	6	VCP	C	0	0	0	10	2	5	Y		2007	
N6S-605_N6S-603	N6S-605	N6S-603	126	6	VCP	C	1	1	1	2	2	1	Y		2007	
N6S-606_N6S-306	N6S-606	N6S-306	217	6	VCP	C	1	1	1	2	2	1	Y		2007	
N7S-101_N6S-614	N7S-101	N6S-614	243	6	VCP	C	0	0	0	9	4	3	Y	4	2009	

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	V&A Ranking	CAR Prior to Rehab by City	
Trunk sewer reaches listed from downstream to upstream. The "Year Inspected" column is now the V&A rank order.																		
Z1S-130_Z1S-102	Z1S-130	Z1S-102	24	42	RCP	N/R	-	-										
Z1S-103_Z1S-130	Z1S-103	Z1S-130	229	42	RCP	N/R	-	-										
Z1S-104_Z1S-103	Z1S-104	Z1S-103	287	39	RCP	C	61	2								70		
Z1S-131_Z1S-104	Z1S-131	Z1S-104	99	42	RCP	C	13	2								74		
Z1S-105_Z1S-131	Z1S-105	Z1S-131	140	42	RCP	C	19	2								74		
Z1S-106_Z1S-105	Z1S-106	Z1S-105	547	42	RCP	C	39	2								73		
Z1S-132_Z1S-106	Z1S-132	Z1S-106	385	42	RCP	B	102	3								40		
Z1S-107_Z1S-132	Z1S-107	Z1S-132	163	42	RCP	B	43	3								40		
Z1S-111_Z1S-107	Z1S-111	Z1S-107	312	36	RCP	A	185	4								28		
Z1S-108_Z1S-111	Z1S-108	Z1S-111	515	39	RCP	A	264	4								22		
Z1S-110_Z1S-108	Z1S-110	Z1S-108	296	39	RCP	A	184	4								30		
Z1S-112_Z1S-110	Z1S-112	Z1S-110	252	39	RCP	A	150	4								37		
Z1S-113_Z1S-112	Z1S-113	Z1S-112	404	39	RCP	C	92	2								66		
Z1S-114_Z1S-113	Z1S-114	Z1S-113	509	39	RCP	C	102	1								82		
Z1S-115_Z1S-114	Z1S-115	Z1S-114	490	39	RCP	C	109	2								57		
Z1S-116_Z1S-115	Z1S-116	Z1S-115	493	39	RCP	C	2	1								83		
Z1S-117_Z1S-116	Z1S-117	Z1S-116	492	39	RCP	C	19	2								76		
Z1S-109_Z1S-117	Z1S-109	Z1S-117	361	39	RCP	C	144	2								51		
Z1S-118_Z1S-109	Z1S-118	Z1S-109	498	39	RCP	A	173	4								33		
Z1S-119_Z1S-118	Z1S-119	Z1S-118	502	30	RCP	A	404	4								15		
Z1S-120_Z1S-119	Z1S-120	Z1S-119	506	30	RCP	C	200	2								45		
Z1S-121_Z1S-120	Z1S-121	Z1S-120	571	30	RCP	C	0	0								3	A	
Z1S-122_Z1S-121	Z1S-122	Z1S-121	641	30	RCP	C	0	0								5	A	
Z1S-127_Z1S-122	Z1S-127	Z1S-122	531	30	RCP	C	208	2								44		
Z1S-129_Z1S-127	Z1S-129	Z1S-127	299	33	RCP	A	116	5								8		
Z1S-128_Z1S-129	Z1S-128	Z1S-129	92	33	RCP	A	36	5								8		
Z1S-124_Z1S-128	Z1S-124	Z1S-128	276	30	RCP	A	204	4								27		
Z1S-125_Z1S-124	Z1S-125	Z1S-124	496	33	RCP	C	198	2								48		
Z1S-126_Z1S-125	Z1S-126	Z1S-125	504	30	RCP	C	198	2								47		
A2S-201_Z1S-126	A2S-201	Z1S-126	499	30	RCP	C	198	2								46		
A2S-203_A2S-201	A2S-203	A2S-201	484	30	RCP	A	10	5								13		
A2S-202_A2S-203	A2S-202	A2S-203	489	30	RCP	C	4	2								78		
A2S-408_A2S-202	A2S-408	A2S-202	494	30	RCP	C	109	2								58		
A2S-506_A2S-408	A2S-506	A2S-408	501	27	RCP	C	48	2								72		
A2P-501_A2S-506	A2P-501	A2S-506	193	27	RCP	A	119	5								9		
A2S-503_A2P-501	A2S-503	A2P-501	163	27	RCP	B	81	3								41		
A2S-504_A2S-503	A2S-504	A2S-503	143	27	RCP	B	81	3								41		
B2S-313_A2S-504	B2S-313	A2S-504	491	27	RCP	C	0	0								87		
B2S-311_B2S-313	B2S-311	B2S-313	282	27	RCP	C	106	2								60		
B2S-306_B2S-311	B2S-306	B2S-311	269	27	RCP	C	98	2								62		
B2S-305_B2S-306	B2S-305	B2S-306	281	27	RCP	C	94	2								65		
B3S-303_B2S-305	B3S-303	B2S-305	281	27	RCP	C	82	2								68		
B3S-302_B3S-303	B3S-302	B3S-303	257	27	RCP	C	94	2								64		
B3S-401_B3S-302	B3S-401	B3S-302	269	27	RCP	C	0	0								10	A	
B3S-404_B3S-401	B3S-404	B3S-401	281	27	RCP	A	48	5								12		

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PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
B3S-402_B3S-404	B3S-402	B3S-404	279	27	RCP	C	2	2							81	
B3S-509_B3S-402	B3S-509	B3S-402	271	27	RCP	C	4	2							77	
B3S-508_B3S-509	B3S-508	B3S-509	279	27	RCP	C	106	2							59	
B3S-505_B3S-508	B3S-505	B3S-508	281	27	RCP	C	110	2							56	
B3S-502_B3S-505	B3S-502	B3S-505	273	27	RCP	C	100	2							61	
B3S-503_B3S-502	B3S-503	B3S-502	15	27	RCP	C	0	0							86	
B3S-514_B3S-503	B3S-514	B3S-503	19	30	RCP	C	0	2							80	
C3S-211_B3S-514	C3S-211	B3S-514	169	30	RCP	C	2	2							80	
C3S-205_C3S-211	C3S-205	C3S-211	550	30	RCP	C	0	0							1	A
C3S-206_C3S-205	C3S-206	C3S-205	230	30	RCP	C	88	2							67	
C3S-213_C3S-206	C3S-213	C3S-206	244	30	RCP	C	94	2							63	
C3S-601_C3S-213	C3S-601	C3S-213	414	30	RCP	A	182	4							31	
C3S-602_C3S-601	C3S-602	C3S-601	494	30	RCP	A	376	4							17	
C4S-401_C3S-602	C4S-401	C3S-602	543	30	RCP	A	274	4							20	
C4S-402_C4S-401	C4S-402	C4S-401	383	30	RCP	A	304	4							19	
C4S-403_C4S-402	C4S-403	C4S-402	282	30	RCP	A	226	4							25	
C4S-501_C4S-403	C4S-501	C4S-403	335	30	RCP	C	0	0							4	A
D4S-201_C4S-501	D4S-201	C4S-501	476	30	RCP	A	392	4							16	
D4S-202_D4S-201	D4S-202	D4S-201	423	30	RCP	A	340	4							18	
D4S-401_D4S-202	D4S-401	D4S-202	334	30	RCP	A	264	4							21	
D4S-409_D4S-401	D4S-409	D4S-401	388	30	RCP	C	152	2							50	
D4S-407_D4S-409	D4S-407	D4S-409	256	30	RCP	A	184	4							29	
E4S-111_D4S-407	E4S-111	D4S-407	319	30	RCP	C	126	2							53	
E4S-112_E4S-111	E4S-112	E4S-111	61	30	RCP	C	22	2							75	
E4S-109_E4S-112	E4S-109	E4S-112	211	30	RCP	C	78	2							69	
E4S-106_E4S-109	E4S-106	E4S-109	216	30	RCP	C	48	2							71	
E4S-105_E4S-106	E4S-105	E4S-106	318	30	RCP	A	154	4							35	
E4S-402_E4S-105	E4S-402	E4S-105	254	30	RCP	A	164	4							34	
E4S-409_E4S-402	E4S-409	E4S-402	274	30	RCP	A	208	4							26	
E4S-412_E4S-409	E4S-412	E4S-409	341	30	RCP	C	0	5							2	A
F4S-103_E4S-412	F4S-103	E4S-412	338	30	RCP	A	256	4							23	
F4S-106_F4S-103	F4S-106	F4S-103	331	30	RCP	A	174	4							32	
F4S-108_F4S-106	F4S-108	F4S-106	290	30	RCP	C	114	2							55	
F4S-107_F4S-108	F4S-107	F4S-108	60	30	RCP	A	44	4							39	
F4S-410_F4S-107	F4S-410	F4S-107	329	30	RCP	C	124	2							54	
F4S-409_F4S-410	F4S-409	F4S-410	476	30	RCP	B	9	3							43	
G4S-106_F4S-409	G4S-106	F4S-409	480	30	RCP	C	2	2							79	
G4S-105_G4S-106	G4S-105	G4S-106	298	30	RCP	C	0	0							14	A
G4S-118_G4S-105	G4S-118	G4S-105	336	30	RCP	B	14	3							42	
G4S-414_G4S-118	G4S-414	G4S-118	436	30	RCP	C	0	0							85	
G4S-410_G4S-414	G4S-410	G4S-414	388	30	RCP	C	0	0							84	
G4S-409_G4S-410	G4S-409	G4S-410	229	30	RCP	C	0	0							7	A
H4S-105_G4S-409	H4S-105	G4S-409	488	30	RCP	A	246	4							24	
H4S-103_H4S-105	H4S-103	H4S-105	491	30	RCP	A	152	4							36	
H4S-401_H4S-103	H4S-401	H4S-103	478	30	RCP	C	190	2							49	
H4S-509_H4S-401	H4S-509	H4S-401	512	24	RCP	C	0	0							6	A
H4S-501_H4S-509	H4S-501	H4S-509	323	24	RCP	C	128	2							52	



Appendix O - Condition Assessment Rating

5/24/2012

PIPE ID	USMH	DSMH	LENGTH	DIAMETER	MATERIAL	CAR	Structural Score	Structural Max	Structural Count	O&M Score	O&M Max	O&M Count	Roots	Max Sag	Year Inspected	CAR Prior to Rehab by City
H4S-503_H4S-501	H4S-503	H4S-501	268	24	RCP	A	108	4							38	
H4S-601_H4S-503	H4S-601	H4S-503	60	24	RCP	N/R	-	-							-	
H4S-606_H4S-601	H4S-606	H4S-601	335	24	RCP	N/R	-	-							-	
H4S-608_H4S-606	H4S-608	H4S-606	320	24	RCP	N/R	-	-							-	
H4S-611_H4S-608	H4S-611	H4S-608	329	24	RCP	N/R	-	-							-	
H5S-402_H4S-611	H5S-402	H4S-611	91	24	RCP	N/R	-	-							-	
H5S-403_H5S-402	H5S-403	H5S-402	392	24	RCP	N/R	-	-							-	
H5S-404_H5S-403	H5S-404	H5S-403	112	24	RCP	N/R	-	-							-	
H5S-405_H5S-404	H5S-405	H5S-404	344	24	RCP	N/R	-	-							-	
H5S-508_H5S-405	H5S-508	H5S-405	359	24	RCP	N/R	-	-							-	
H5S-502_H5S-508	H5S-502	H5S-508	181	24	RCP	N/R	-	-							-	
H5S-503_H5S-502	H5S-503	H5S-502	224	24	RCP	N/R	-	-							-	
H5S-505_H5S-503	H5S-505	H5S-503	289	24	RCP	N/R	-	-							-	
H5S-604_H5S-505	H5S-604	H5S-505	463	24	RCP	N/R	-	-							-	
H5S-605_H5S-604	H5S-605	H5S-604	312	24	RCP	N/R	-	-							-	
H5S-608_H5S-605	H5S-608	H5S-605	138	24	RCP	N/R	-	-							-	
H5S-609_H5S-608	H5S-609	H5S-608	149	24	RCP	N/R	-	-							-	
H6S-401_H5S-609	H6S-401	H5S-609	171	24	RCP	N/R	-	-							-	
H6S-402_H6S-401	H6S-402	H6S-401	349	24	RCP	N/R	-	-							-	
I6S-102_H6S-402	I6S-102	H6S-402	403	24	RCP	N/R	-	-							-	
I6S-103_I6S-102	I6S-103	I6S-102	226	24	RCP	N/R	-	-							-	

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