

Television Inspection Master Report

4/9/2007
11:06 AM

US Structure: 5646-437
DS Structure: 5646-436

1715 E PARK ST

Date Insp: 4/21/2006
Dir Televised: Upstream To Downstream

Basin: C02A

Pipe Information

D-154

Shape: Round Length Status: Project No.:
Dia/Ht Width: 8 0 Material: VCP Index:
Length: 251.0 Slope: 0.200 Surface: Alley Unpaved

Inspection Information

Crew: 692 Percent Full: 10 Tape ID: 5191
Weather: Sunny Purpose: TV Existing Line Counter Start: 0
Surface Cond: N/A Flow: Normal Flow Counter Stop: 18.05

Obs. #	VTR Counter	Distance	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1		0.0	US Manhole	5646-437	1		0.000	0	0	0.000
			NOTE: The first joint sits real high. Must be repaired. Camera is shut off and turned on again at the 10' point.							
2		32.0	Quad 3 / L-Lt	Crack-Radial	3		0.004	5	0	0.004
3		46.0	Quad 4 / U-Lt	Crack-Radial	2		0.002	2	0	0.002
4		59.0	Manhole	M.H. not shown on map.						
5		66.0	East	Break-In Conn	1		0.001	0	0	0.001
			1401 S. Kansas - live connection / poor condition							
6		69.0		Sealed Off Wye East	1		0.000	0	0	0.000
			NOTE: The grade is poor. Water stands in the pipe.							
7		70.0	Quad 4 / U-Lt	Crack-Radial	3		0.004	5	0	0.004
8		71.0		Sealed Off Wye West	1		0.000	0	0	0.000
9		72.0	Quad 3 / L-Lt	Crack-Radial	3		0.004	5	0	0.004
10		75.0	Quad 3 / L-Lt	Crack-Radial	3		0.004	5	0	0.004
11		87.0	Quad 2 / L-Rt	Crack-Radial	3		0.004	5	0	0.004
12		93.0	Quad 3 / L-Lt	Crack-Radial	3		0.004	5	0	0.004
13		96.0		Sealed Off Wye East	1		0.000	0	0	0.000
14		97.0	Quad 4 / U-Lt	Crack-Radial	3		0.004	5	0	0.004
15		99.0		Sealed Off Wye West	1		0.000	0	0	0.000
16		101.0	West	Break-In Conn	1		0.001	0	0	0.001
			1701 S. Hydraulic - live connection							
17		109.0	West	Break-In Conn	1		0.001	0	0	0.001
			1707 E. Park - live connection							
18		111.0	West	Break-In Conn	1		0.001	0	0	0.001
			1715 E. Park - live connection							
19		112.0	Crown	Broken Pipe	4		0.030	78	0	0.030
20		121.0	East	Break-In Conn	1		0.001	0	0	0.001
			1403 S. Kansas - live connection							
21		121.0	Quad 4 / U-Lt	Crack-Radial	3		0.004	5	0	0.004
22		121.0	Quad 4 / U-Lt	Crack-Radial	3		0.004	5	0	0.004
23		124.0		Sealed Off Wye East	1		0.000	0	0	0.000
24		126.0		Sealed Off Wye West	1		0.000	0	0	0.000
25		135.0	Quad 1 / U-Rt	Crack-Radial	3		0.004	5	0	0.004
26		137.0	Quad 3 / L-Lt	Crack-Radial	3		0.004	5	0	0.004
27		142.0	Crown	Crack-Radial	3		0.000	0	0	0.000
28		144.0	Crown	Broken Pipe	2		0.008	44	0	0.008
29		149.0	Crown	Broken Pipe	2		0.008	44	0	0.008

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US Structure: 5646-437 1715 E PARK ST Date Insp: 4/21/2006 Basin: C02A
DS Structure: 5646-436 Dir Televised: Upstream To Downstream

30	151.0		Sealed Off Wye East	1	0.000	0	0	0.000
31	153.0		Sealed Off Wye West	1	0.000	0	0	0.000
	154.0	Sag begins						
32	158.0	Crown	Broken Pipe	2	0.008	44	0	0.008
33	161.0	Invert	Broken Pipe	4	0.030	78	0	0.030
34	163.0	Camera Lens Submerged		4	0.000	0	0	0.000
35	164.0	Camera Lens Emerged		1	0.000	0	0	0.000
36	165.0	Invert	Broken Pipe	3	0.010	60	0	0.010
	168.0	Sag ends						
37	174.0	Quad 3 / L-Lt	Crack-Radial	3	0.004	5	0	0.004
38	176.0	Invert	Broken Pipe	3	0.010	60	0	0.010
39	178.0	East	Break-In Conn	1	0.001	0	0	0.001
	1405 S. Kansas - live connection / broken outside of main							
40	180.0	West	Wye Service	2	0.000	0	0	0.000
	1428 S. Hydraulic - live connection / offset outside of main							
41	186.0	Invert	Crack-Radial	3	0.004	5	0	0.004
42	196.0	Crown	Crack-Radial	3	0.004	5	0	0.004
43	205.0	East	Break-In Conn	1	0.001	0	0	0.001
	1417 S. Kansas - live connection							
44	208.0	West	Break-In Conn	1	0.001	0	0	0.001
	1432 S. Hydraulic - live connection							
45	211.0	Invert	Broken Pipe	3	0.010	60	0	0.010
46	216.0	Quad 4 / U-Lt	Crack-Radial	3	0.004	5	0	0.004
47	221.0	Quad 4 / U-Lt	Crack-Radial	3	0.004	5	0	0.004
48	229.0	Quad 1 / U-Rt	Crack-Radial	3	0.004	5	0	0.004
49	232.0	East	Break-In Conn	1	0.001	0	0	0.001
	1421 S. Kansas - live connection							
50	235.0	West	Break-In Conn	1	0.001	0	0	0.001
	1432 S. Hydraulic - live connection							
51	238.0	Invert	Crack-Radial	3	0.004	5	0	0.004
52	245.0	Quad 3 / L-Lt	Crack-Radial	3	0.004	5	0	0.004
53	251.0	DS Manhole	5646-436	1	0.000	0	0	0.000

NOTE: There is backfall just before you get to the downstream manhole. Looks like we go uphill to get into the manhole. Contractor needs to correct the grade.

Television Inspection Master Report

4/9/2007
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US Structure: 5646-436
DS Structure: 5646-435

Date Insp: 3/14/2007
Dir Televised: Upstream To Downstream

Basin: C02A

Pipe Information

Shape: Round Length Status: Project No.: D-154
Dia/Ht Width: 8 0 Material: VCP Index:
Length: 189.0 Slope: 0.196 Surface: Alley Unpaved

Inspection Information

Crew: 692 Percent Full: Tape ID: DVD #0259
Weather: Sunny Purpose: TV Existing Line Counter Start:
Surface Cond: N/A Flow: Normal Flow Counter Stop:

Obs. #	VTR Counter Distance Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings			
						Struct	Clean	Remain (gpm)	
1	0.0 US Manhole	5646-436	1		0.000	0	0	0.000	
2	3.3 Lower Left	Crack-Radial	4		0.008	10	0	0.008	
3	5.4 Upper Left	Broken Pipe	2		0.008	44	0	0.008	
4	8.6 East	Break-In Conn	1		0.001	0	0	0.001	
	1421 S KANSAS								
5	12.3 West	Wye Service	1		0.000	0	0	0.000	
	1436 S HYDRAULIC								
6	17.9 Lower Left	Broken Pipe	3		0.010	60	0	0.010	
7	20.4 Upper Right	Crack-Horizontal	2		0.002	2	0	0.002	
8	22.7 Joint	Offset	3		0.010	20	0	0.010	
9	30.3 Upper Left	Broken Pipe	3		0.010	60	0	0.010	
10	32.7 Joint	Offset	3		0.010	20	0	0.010	
11	37.1	Sealed Off Wye East	2		0.002	0	0	0.002	
12	39.6	Sealed Off Wye West	1		0.000	0	0	0.000	
13	40.5 Upper Right	Crack-Radial	3		0.004	5	0	0.004	
14	42.8 Joint	Offset	3		0.010	20	0	0.010	
15	45.4 Joint	Offset	3		0.010	20	0	0.010	
16	50.7 Lower Left	Broken Pipe	2		0.008	44	0	0.008	
17	52.7 Joint	Offset & Cracks	4		0.030	60	0	0.030	
18	63.0 East	Break-In Conn	3		0.004	2	0	0.004	
	1427 S KANSAS								
19	65.6 Upper Left	Broken Pipe	2		0.008	44	0	0.008	
20	66.1 West	Wye Service	1		0.000	0	0	0.000	
	1440 S HYDRAULIC								
21	70.4 Joint	Offset	3		0.010	20	0	0.010	
22	77.8 Upper Left	Broken Pipe	5		0.060	100	0	0.060	
23	80.4 Upper Left	Crack-Radial	1		0.001	1	0	0.001	
24	82.6 Lower Left	Crack-Radial	4		0.008	10	0	0.008	
25	85.1 Joint	Offset & Cracks	3		0.010	20	0	0.010	
26	87.6 Joint	Roots	1		0.002	1	1	0.002	
27	89.9 Joint	Offset & Cracks	4		0.030	60	0	0.030	
28	91.8	Sealed Off Wye East	1		0.000	0	0	0.000	
29	92.6 Joint	Roots	2		0.004	2	4	0.004	
30	93.4 West	Wye Service	4		0.000	60	0	0.000	
	1444 S HYDRAULIC / FULL OF ROOTS								
31	95.3 Lower Right	Broken Pipe	4		0.030	78	0	0.030	

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3/14/2007

C02A

US Structure: 5646-436
DS Structure: 5646-435

Date Insp:
Dir Televised: Upstream To Downstream Basin:

32	97.6	Joint	Offset	3	0.010	20	0	0.010
33	100.1	Joint	Offset	3	0.010	20	0	0.010
34	102.8	Joint	Offset	4	0.030	60	0	0.030
	CRACKS							
35	105.3	Joint	Offset	4	0.030	60	0	0.030
	CRACKS							
36	115.3	Joint	Offset	4	0.030	60	0	0.030
	CRACKS							
37	117.8	Lower Left	Crack-Radial	5	0.010	18	0	0.010
38	118.4	East	Wye Service	1	0.000	0	0	0.000
	1437 S KANSAS / broken outside of the main pipe							
39	120.3	Lower Left	Crack-Radial	2	0.002	2	0	0.002
40	122.2		Sealed Off Wye West	1	0.000	0	0	0.000
41	127.7	Joint	Offset	4	0.030	60	0	0.030
	CRACKS							
42	130.2	Joint	Offset	4	0.030	60	0	0.030
	CRACKS							
43	135.5	Upper Right	Broken Pipe	3	0.010	60	0	0.010
44	138.1	West	Break-In Conn	5	0.010	400	0	0.010
	1446 S HYDRAULIC REPAIR							
45	139.8	Joint	Offset	4	0.030	60	0	0.030
46	142.7	Upper Right	Broken Pipe	4	0.030	78	0	0.030
47	144.3	East	Break-In Conn	3	0.004	2	0	0.004
	1439 S KANSAS REPAIR							
48	145.1	Lower Right	Broken Pipe	3	0.010	60	0	0.010
49	147.2		Sealed Off Wye East	1	0.000	0	0	0.000
50	147.6	Joint	Offset	4	0.030	60	0	0.030
	CRACKS							
51	149.6		Sealed Off Wye West	1	0.000	0	0	0.000
52	150.3	Lower Right	Crack-Radial	4	0.008	10	0	0.008
53	160.3	Invert	Crack-Radial	2	0.002	2	0	0.002
54	167.9	Invert	Crack-Radial	2	0.002	2	0	0.002
55	170.4	Invert	Crack-Horizontal	2	0.002	2	0	0.002
56	174.6		Sealed Off Wye East	1	0.000	0	0	0.000
57	177.5		Sealed Off Wye West	1	0.000	0	0	0.000
58	178.2	Upper Left	Crack-Radial	3	0.004	5	0	0.004
59	180.2	Upper Right	Broken Pipe	3	0.010	60	0	0.010
60	183.0	Upper Right	Broken Pipe	2	0.008	44	0	0.008
61	188.3	DS Manhole	5646-435	1	0.000	0	0	0.000

Television Inspection Master Report

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US Structure: 5646-435
DS Structure: 5646-434

Date Insp: 3/14/2007
Dir Televised: Upstream To Downstream

Pipe Information

Shape: Round Length Status: VCP Project No.: D-154
Dia/Ht Width: 8 Material: Index:
Length: 208.0 Slope: 0.202 Surface: Alley Unpaved

Pipe Sec Length: Comment: POINT REPAIR BY SEWER MAINTENANCE FROM 38' TO 46' SOUTH OF MH 5646-435.
WORK COMPLETED 09-25-2006 TGC ##### POINT REPAIR BY SEWER MAINTENANCE
FROM 84' TO 88' SOUTH OF MH 5646-435. WORK COMPLETED 09-27-2006 TGC #####

Inspection Information

Crew: 692 Percent Full: Tape ID: DVD #0259
Weather: Sunny Purpose: TV Existing Line Counter Start:

Obs. #	VTR Counter	Distance	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1		0.0	US Manhole 5646-435		1		0.000	0	0	0.000
2		0.5	Lower Left	Crack-Radial	1		0.001	1	0	0.001
3		4.3	Joint	Offset	4		0.030	60	0	0.030
			CRACKS							
4		6.8	Joint	Offset	3		0.010	20	0	0.010
5		12.2	Joint	Offset	4		0.030	60	0	0.030
			CRACKS							
6		13.8		Sealed Off Wye East	1		0.000	0	0	0.000
7		14.6	Joint	Offset	5		0.060	100	0	0.060
8		15.1	West	Wye Service	1		0.000	0	0	0.000
			1446 S HYDRAULIC							
9		17.3	Upper Right	Broken Pipe	5		0.060	100	0	0.060
			NEEDS POINT REPAIR / ONE 3' JOINT OF	VCP SITS LOWER THAN THE REST OF THE PIPE						
10		27.4	Upper Left	Broken Pipe	2		0.008	44	0	0.008
11		30.0	Joint	Offset	3		0.010	20	0	0.010
			CRACKS							
12		34.9		PVC begins	1		0.000	0	0	0.000
13		37.6	East	Break-In Conn	1		0.001	0	0	0.001
			1501 S KANSAS							
14		41.1		PVC ends	1		0.000	0	0	0.000
15		42.4	Joint	Offset	3		0.010	20	0	0.010
16		43.0	West	Wye Service	1		0.000	0	0	0.000
			1502 S HYDRAULIC							
17		45.1	Upper Left	Crack-Radial	3		0.004	5	0	0.004
18		55.1	Lower Left	Broken Pipe	2		0.008	44	0	0.008
19		62.8	Lower Left	Crack-Radial	2		0.002	2	0	0.002
20		64.9	Upper Left	Grease	1		0.000	0	0	0.000
21		67.8	East	Break-In Conn	1		0.001	0	0	0.001
			1503 S KANSAS							
22		70.2	Invert	Infiltration	3		0.000	0	0	0.000
23		73.1	Upper Left	Grease	1		0.000	0	0	0.000
24		75.4	Upper Left	Grease	1		0.000	0	0	0.000
25		77.5	Joint	Offset	3		0.010	20	0	0.010
26		79.8		PVC begins	1		0.000	0	0	0.000
27		82.4	West	Break-In Conn	1		0.001	0	0	0.001
			1504 S HYDRAULIC							

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US Structure: 5646-435
DS Structure: 5646-434

Date Insp: 3/14/2007
Dir Televised: Upstream To Downstream

28	83.5		PVC ends	1	0.000	0	0	0.000	
29	85.1	Joint	Offset	3	0.010	20	0	0.010	
30	87.2	Joint	Offset	3	0.010	20	0	0.010	
31	90.2	Lower Left	Crack-Radial	2	0.002	2	0	0.002	
32	92.5	Invert	Broken Pipe	3	0.010	60	0	0.010	
33	94.9	Lower Left	Crack-Radial	3	0.004	5	0	0.004	
34	96.7		Sealed Off Wye East	1	0.000	0	0	0.000	
35	97.4	Joint	Offset	4	0.030	60	0	0.030	
CRACKS									
36	99.2		Sealed Off Wye West	1	0.000	0	0	0.000	
37	103.3	Upper Left	Grease	1	0.000	0	0	0.000	
38	111.8	Joint	Offset	4	0.030	60	0	0.030	
CRACKS									
39	116.4	Joint	Offset	3	0.010	20	0	0.010	
40	119.2	Joint	Offset	4	0.030	60	0	0.030	
CRACKS									
41	120.1	Upper Left	Grease	2	0.000	0	0	0.000	
42	123.4	East	Break-In Conn	1	0.001	0	0	0.001	
1505 S KANSAS / PVC									
43	124.9	Joint	Offset	3	0.010	20	0	0.010	
44	125.7	West	Wye Service	1	0.000	0	0	0.000	
1510 S HYDRAULIC / offset outside of the main									
45	128.7	Upper Left	Grease	1	0.000	0	0	0.000	
46	130.4	Upper Left	Grease	1	0.000	0	0	0.000	
47	134.9	Upper Left	Grease	1	0.000	0	0	0.000	
48	137.1	Joint	Offset	3	0.010	20	0	0.010	
CRACKS									
49	140.0	Upper Left	Grease	1	0.000	0	0	0.000	
50	144.7	Upper Left	Crack-Radial	2	0.002	2	0	0.002	
51	147.3	Joint	Offset	3	0.010	20	0	0.010	
CRACKS									
52	149.4	Joint	Offset	4	0.030	60	0	0.030	
53	150.7	East	Break-In Conn	1	0.001	0	0	0.001	
1509 S KANSAS									
54	152.2	Invert	Broken Pipe	1	0.004	30	0	0.004	
55	153.9		Sealed Off Wye West	1	0.000	0	0	0.000	
56	154.4	Joint	Offset	3	0.010	20	0	0.010	
57	159.8	Joint	Offset	3	0.010	20	0	0.010	
58	164.9	Upper Left	Crack-Radial	2	0.002	2	0	0.002	
59	172.4	Upper Left	Grease	1	0.000	0	0	0.000	
60	175.3	Upper Left	Grease	1	0.000	0	0	0.000	
61	177.2	Invert	Crack-Radial	3	0.004	5	0	0.004	
62	179.1		Sealed Off Wye East	1	0.000	0	0	0.000	
63	180.2	West	Wye Service	1	0.000	0	0	0.000	
1512 S HYDRAULIC / offset outside of main									
64	182.4	Upper Right	Crack-Horizontal	1	0.001	1	0	0.001	
65	185.0	Upper Left	Grease	1	0.000	0	0	0.000	
	185.0	Sag begins							
66	190.0	Upper Left	Grease	1	0.000	0	0	0.000	
67	192.5	Upper Left	Grease	2	0.000	0	0	0.000	
68	196.4		Sealed Off Wye East	1	0.000	0	0	0.000	
NOTE: water is just standing in the pipe (at camera level) / poor grade									
69	197.4	Lower Left	Crack-Horizontal	2	0.002	2	0	0.002	
70	199.0	West	Wye Service	1	0.000	0	0	0.000	
1512 S HYDRAULIC									
71	205.0	DS Manhole	5646-434	2	0.000	0	0	0.000	

NOTE: We still seem to be in the sag at the downstream manhole.

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Television Inspection Master Report

4/9/2007
11:06 AM

US Structure: 5646-434
DS Structure: 5646-433

Date Insp: 3/14/2007
Dir Televised: Upstream To Downstream

Pipe Information

Shape: Round Length Status: Project No.: D-154
Dia/Ht Width: 8 0 Material: VCP Index:
Length: 188.0 Slope: 0.255 Surface: Alley Unpaved

Inspection Information

Crew: 692 Percent Full: Tape ID: DVD #0259
Weather: Sunny Purpose: TV Existing Line Counter Start:
Surface Cond: N/A Flow: Normal Flow Counter Stop:

Obs. #	VTR Counter Comment	Distance	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1		0.0	US Manhole	5646-434	1		0.000	0	0	0.000
	1514 S HYDRAULIC / begins in a sag, same sag as the upstream segment									
2		6.0	Upper Left	Crack-Radial	1		0.001	1	0	0.001
3		8.2	Lower Left	Crack-Radial	1		0.001	1	0	0.001
4		10.5	Joint	Offset	3		0.010	20	0	0.010
5		13.0	Joint	Offset	3		0.010	20	0	0.010
6		22.8	Joint	Roots	1		0.002	1	1	0.002
7		23.6	East	Wye Service	1		0.000	0	0	0.000
	1511 S KANSAS									
8		27.3		Sealed Off Wye West	1		0.000	0	0	0.000
9		30.5	Invert	Crack-Radial	2		0.002	2	0	0.002
	30.0 Sag ends (sag that began in the upstream segment)									
10		30.5	Joint	Roots	1		0.002	1	1	0.002
11		35.4	Joint	Offset	3		0.010	20	0	0.010
12		38.3	Joint	Offset	3		0.010	20	0	0.010
13		40.7	Upper Right	Broken Pipe	2		0.008	44	0	0.008
14		42.9	Lower Left	Crack-Radial	1		0.001	1	0	0.001
15		47.8	Upper Left	Broken Pipe	2		0.008	44	0	0.008
16		50.5	Upper Right	Broken Pipe	3		0.010	60	0	0.010
17		51.1	East	Break-In Conn	1		0.001	0	0	0.001
	1525 S KANSAS									
18		52.6	Joint	Offset	3		0.010	20	0	0.010
19		53.5	West	Wye Service	1		0.000	0	0	0.000
	1524 S HYDRAULIC									
20		65.3	Lower Left	Crack-Radial	4		0.008	10	0	0.008
21		67.6	Joint	Offset	4		0.030	60	0	0.030
	CRACKS									
22		70.3	Lower Right	Crack-Radial	1		0.001	1	0	0.001
23		72.5	Joint	Offset	3		0.010	20	0	0.010
	CRACKS									
24		75.2	Joint	Offset	3		0.010	20	0	0.010
25		79.5		Sealed Off Wye East	1		0.000	0	0	0.000
26		82.2		Sealed Off Wye West	1		0.000	0	0	0.000
27		82.7	Upper Right	Broken Pipe	3		0.010	60	0	0.010
28		90.0	Joint	Offset	3		0.010	20	0	0.010
29		92.4	Joint	Offset	3		0.010	20	0	0.010
30		95.4	Crown	Broken Pipe	3		0.010	60	0	0.010
31		98.0	Upper Right	Crack-Horizontal	2		0.002	2	0	0.002

Television Inspection Master Report

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US Structure: 5646-434
DS Structure: 5646-433

Date Insp: 3/14/2007
Dir Televised: Upstream To Downstream

32	100.5	Lower Left	Crack-Radial	2	0.002	2	0	0.002	
33	103.1	Upper Left	Crack-Radial	1	0.001	1	0	0.001	
34	107.4		Sealed Off Wye East	1	0.000	0	0	0.000	
35	107.6	Joint	Offset	4	0.030	60	0	0.030	
36	108.8	West	Break-In Conn	1	0.001	0	0	0.001	
1530 S HYDRAULIC / PVC									
37	120.7	Lower Left	Broken Pipe	1	0.004	30	0	0.004	
38	125.5	Lower Left	Crack-Radial	1	0.001	1	0	0.001	
39	128.1	Joint	Offset	4	0.030	60	0	0.030	
CRACKS									
40	133.0	Joint	Offset	3	0.010	20	0	0.010	
41	133.3	East	Break-In Conn	1	0.001	0	0	0.001	
1531 S KANSAS / Full of Roots									
42	135.5	Invert	Crack-Radial	2	0.002	2	0	0.002	
43	137.4		Sealed Off Wye West	1	0.000	0	0	0.000	
44	140.2	Joint	Offset	3	0.010	20	0	0.010	
45	153.3		Crack-Horizontal	1	0.001	1	0	0.001	
46	153.0	Sag begins							
46	155.4	Joint	Offset	4	0.030	60	0	0.030	
CRACKS									
47	158.0	Lower Right	Broken Pipe	3	0.010	60	0	0.010	
48	160.4		PVC begins	3	0.000	0	0	0.000	
49	161.1	East	Break-In Conn	1	0.001	0	0	0.001	
1533 S KANSAS / PVC									
50	162.7	West	Wye Service	1	0.000	0	0	0.000	
1534 S HYDRAULIC / PVC									
51	166.1		PVC ends	1	0.000	0	0	0.000	
52	167.8	Joint	Offset	3	0.010	20	0	0.010	
	170.0	Sag ends							
53	173.2	Upper Left	Crack-Radial	2	0.002	2	0	0.002	
54	175.5	Lower Left	Crack-Radial	2	0.002	2	0	0.002	
55	177.9	Upper Right	Broken Pipe	5	0.060	100	0	0.060	
REPAIR									
56	180.2	Joint	Offset	3	0.010	20	0	0.010	
CRACKS									
57	186.2	DS Manhole	5646-433			0	0	0.000	

Television Inspection Master Report

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3/15/2007

C02A

US Structure: 5646-433
DS Structure: 5646-432

Date Insp:
Dir Televised: Upstream To Downstream

Basin:

Pipe Information

Shape:	Round	Length Status:	TV Inspections VCP	Project No.:	D-154
Dia/Ht Width:	8	Material:		Index:	
Length:	162.0	Slope:	0.235	Surface:	Alley Unpaved

Inspection Information

Crew:	692	Percent Full:		Tape ID:	DVD #0259
Weather:	Sunny	Purpose:	TV Existing Line	Counter Start:	
Surface Cond:	N/A	Flow:	Normal Flow	Counter Stop:	

Obs. #	VTR Counter	Distance	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1		0.0	US Manhole	5646-433	1		0.000	0	0	0.000
2		1.6	Joint	Offset	3		0.010	20	0	0.010
3		4.9	East	Wye Service	2		0.000	0	0	0.000
4		6.7	Upper Left	Crack-Radial	3		0.004	5	0	0.004
5		7.3	West	Wye Service	1		0.000	0	0	0.000
6		14.4	Upper Left	Crack-Radial	1		0.001	1	0	0.001
7		19.0	Joint	Offset	3		0.010	20	0	0.010
8		21.5	Joint	Offset	4		0.030	60	0	0.030
9		24.2	Upper Left	Crack-Radial	2		0.002	2	0	0.002
10		26.7	Crown	Broken Pipe	3		0.010	60	0	0.010
11		28.5		Sealed Off Wye East	1		0.000	0	0	0.000
12		30.8		Sealed Off Wye West	1		0.000	0	0	0.000
13		31.5	Joint	Offset	3		0.010	20	0	0.010
14		36.7	Joint	Offset	4		0.030	60	0	0.030
15		39.2	Joint	Offset	3		0.010	20	0	0.010
16		41.3	Joint	Offset	3		0.010	20	0	0.010
17		49.1	Lower Left	Crack-Radial	1		0.001	1	0	0.001
18		51.6	Crown	Broken Pipe	3		0.010	60	0	0.010
19		53.9	Lower Left	Broken Pipe	3		0.010	60	0	0.010
20		54.6	East	Wye Service	3		0.000	2	0	0.000
21		57.0	Invert	Crack-Radial	3		0.004	5	0	0.004
22		57.2	West	Wye Service	1		0.000	0	0	0.000
23		61.6	Joint	Offset	3		0.010	20	0	0.010
24		64.0	Joint	Offset	3		0.010	20	0	0.010
25		68.4	Upper Right	Broken Pipe	5		0.060	100	0	0.060
26		71.4	Joint	Offset	3		0.010	20	0	0.010
27		80.6		Sealed Off Wye East	1		0.000	0	0	0.000
28		81.3	Joint	Offset	4		0.030	60	0	0.030

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Television Inspection Master Report

4/9/2007
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US Structure: 5646-433
DS Structure: 5646-432

Date Insp: 3/15/2007
Dir Televised: Upstream To Downstream
Basin: C02A

29	83.1		Sealed Off Wye West	1	0.000	0	0	0.000
30	83.9	Joint	Roots	1	0.002	1	1	0.002
31	86.5	Joint	Offset	3	0.010	20	0	0.010
32	91.3	Joint	Offset	3	0.010	20	0	0.010
33	94.0	Joint	Roots	2	0.004	2	4	0.004
		CRACK						
34	96.1	Joint	Roots	1	0.002	1	1	0.002
		CRACK						
35	98.8	Joint	Roots	1	0.002	1	1	0.002
36	101.2	Joint	Roots	1	0.002	1	1	0.002
37	104.1	Upper Right	Broken Pipe	2	0.008	44	0	0.008
38	108.2		Sealed Off Wye East	1	0.000	0	0	0.000
39	108.8	Upper Left	Broken Pipe	2	0.008	44	0	0.008
40	110.5		Sealed Off Wye West	1	0.000	0	0	0.000
41	111.4	Joint	Offset	3	0.010	20	0	0.010
		CRACK						
42	113.7	Joint	Roots	1	0.002	1	1	0.002
43	123.7	Joint	Offset	3	0.010	20	0	0.010
44	126.2	Lower Left	Crack-Radial	1	0.001	1	0	0.001
45	129.6	Joint	Roots	1	0.002	1	1	0.002
46	131.8	Joint	Offset	4	0.030	60	0	0.030
		cracks						
47	136.4		Sealed Off Wye East	1	0.000	0	0	0.000
48	137.1	Lower Left	Crack-Radial	2	0.002	2	0	0.002
49	137.8	West	Wye Service	3	0.000	2	0	0.000
		1544 S HYDRAULIC / roots inside						
50	139.2	Joint	Offset	3	0.010	20	0	0.010
		CRACK						
51	144.3	Joint	Offset	3	0.010	20	0	0.010
		CRACK						
52	149.3	Joint	Offset	4	0.030	60	0	0.030
		ROOTS & CRACKS						
53	151.8	Joint	Offset	3	0.010	20	0	0.010
		ROOTS						
54	154.2	Joint	Offset	4	0.030	60	0	0.030
55	155.9		Sealed Off Wye North	2	0.002	0	0	0.002
56	156.4	Upper Left	Broken Pipe	5	0.060	100	0	0.060
		MISSING PIPE IN BOTTOM OF LINE / root balls on both sides of pipe / pipe deflects slightly downward toward the manhole / broken pipe on the west side of the main sticks into the main						
57	161.4	DS Manhole	5646-432	1	0.000	0	0	0.000

Note: If Contractor chooses to relocate the main further east in order to stay within the gravel portion of the alley, MH 5646-432 would move approx. 9 ft to the east if it were placed in the center of the gravel driving portion. (just to give you an idea of how far west the main lays)