

MH # 5348-043
 Abandon Manhole, per City Spec
 Approx depth = 6.2 ft

MH # 5348-043 (re-use MH number)
 Construct Manhole over sanitary sewer,
 at 20 lf south of existing MH 5348-043.
 (see tv log - this is location of an east tap)

MH # 5348-040
 Abandon Manhole
 (line through this manhole and abandon
 over the CIPP liner, per City Spec)

MH # 5348-039
 Depth not measured

MH # 5348-037
 Approx depth = 5.7 ft

MH # 5348-034
 Approx depth = 5.5 ft

MH # 5348-032
 Approx depth = 4.3 ft

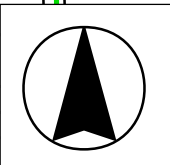
MH # 5348-030
 Approx depth = 6.2 ft

Install 377 lf of 8" Cured-in-Place Liner
 from new MH 5348-043 to MH 5348-039

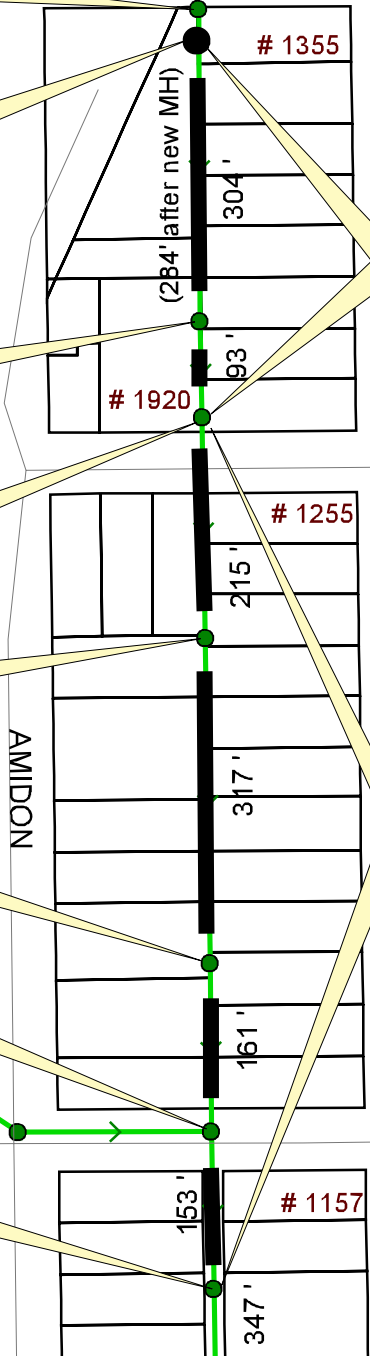
Abandon Observation Hole (over CIPP):
 @ 107 lf S. of MH 5348-039
 @ 106 lf N of MH 5348-034
 @ 46 lf N of MH 5348-032
 (See TV Logs / Abandon per City Spec)

Install 846 lf of 8" Cured-in-Place Liner
 from MH 5348-039 to MH 5348-030

SITE 11



11-1



13TH ST. N.

12TH

11TH ST. N.

MCLEAN

Arkansas River

AMIDON

PERRY

COOLIDGE



Arkansas River

13TH

12TH

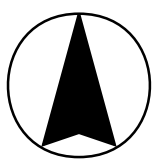
AMIDON

PERRY

11TH

Aerial View

11-2



Television Inspection Master Report

8/6/2007
11:22:40AM

US Manhole: 5348-043 1901 W 13TH ST Date Insp: 4/10/2007 Basin: C03E
DS Manhole: 5348-040 Dir Televised: Upstream To Downstream

Pipe Information

Shape: Round Length Status: Project No.: B-230
Dia/Ht Width: 8 0 Material: VCP Index: Rear Easement
Length: 304.2 Slope: 0.201 Surface:

Inspection Information

Crew: 694 Percent Full: Tape ID: DVD #0270
Weather: Rainy Purpose: TV Existing Line Counter Start:
Surface Cond: Trees & Fences Flow: Normal Flow Counter Stop:

Obs. #	VTR Counter Svc. Address	Distance	Location	Connection type:	Description	Obs Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1		0.0	US Manhole		5348-043 (THIS MANHOLE TO BE ABANDONED)						
2		0.0	Lower Left		Crack-Horizontal	3		0.004	5	0	0.004
3		2.0	Upper Right		Broken Pipe	2		0.008	44	0	0.008
NOTE: First 3 ft. of pipe looks as though it goes uphill slightly, then back downhill											
4		5.0	West		Wye Service	1		0.000	0	0	0.000
VACANT LOT						APPEARS ABANDON / Not sealed at the main					
5		6.0	Crown		Broken Pipe	3		0.010	60	0	0.010
6		20.7	East		Break-In Conn	3		0.004	2	0	0.004

4" Break In Connection / protruding & jagged, broken pipe / Possibly 1355 Perry IF THIS IS ACTIVE, it can be either be placed inside the new manhole or it can be re-tapped to the VCP pipe / This may possibly be abandoned / debris in service

CONSTRUCT NEW MANHOLE AT APPROX. 20 LF DOWNSTREAM OF EXISTING MANHOLE # 5348-043
(ABANDON 20' OF PIPE)

7		34.6	Upper Right		Crack-Horizontal	3		0.004	5	0	0.004
8		40.3	Lower Right		Crack-Horizontal	3		0.004	5	0	0.004
9		43.7			Sealed Off Wye West	1		0.000	0	0	0.000
10		46.0			Sealed Off Wye East	1		0.000	0	0	0.000
11		50.5	Upper Left		Crack-Horizontal	3		0.004	5	0	0.004
12		55.4	Upper Right		Crack-Radial	3		0.004	5	0	0.004
13		59.5	Lower Right		Crack-Radial	3		0.004	5	0	0.004
14		62.3	Lower Right		Crack-Horizontal	3		0.004	5	0	0.004
15		64.7	Invert		Crack-Horizontal	3		0.004	5	0	0.004
16		69.0			Sealed Off Wye West	1		0.000	0	0	0.000
17		69.9	Crown		Crack-Radial	3		0.004	5	0	0.004
18		71.4	East		Wye Service	4		0.000	60	0	0.000
1353 NORTH PERRY/ BROKEN				4" Clay Wye Connection	TAP TO BE REPLACED BY SEWER MAINTENANCE						
19		80.3	Crown		Crack-Radial	3		0.004	5	0	0.004
20		82.9	Lower Right		Crack-Radial	3		0.004	5	0	0.004
21		92.5	Crown		Crack-Radial	3		0.004	5	0	0.004
22		94.6			Sealed Off Wye West	1		0.000	0	0	0.000
23		95.7	Crown		Crack-Radial	3		0.004	5	0	0.004
24		96.8			Sealed Off Wye East	1		0.000	0	0	0.000
25		98.3	Lower Right		Crack-Horizontal	3		0.004	5	0	0.004
26		100.3	Upper Right		Broken Pipe	3		0.010	60	0	0.010
27		102.6	Crown		Crack-Radial	3		0.004	5	0	0.004
28		104.5			OH	1		0.000	0	0	0.000
29		105.5	Crown		Crack-Horizontal	3		0.004	5	0	0.004
30		108.3	Crown		Crack-Radial	3		0.004	5	0	0.004
31		111.2	Crown		Crack-Horizontal	3		0.004	5	0	0.004
32		113.5	Lower Right		Crack-Horizontal	3		0.004	5	0	0.004
33		118.1	Crown		Crack-Radial	3		0.004	5	0	0.004
34		119.6			Sealed Off Wye West	1		0.000	0	0	0.000

Television Inspection Master Report

8/6/2007
11:22:40AM

US Manhole: 5348-043 1901 W 13TH ST Date Insp: 4/10/2007 Basin: C03E
DS Manhole: 5348-040 Dir Televised: Upstream To Downstream

35	120.6	Crown	Crack-Radial	3	0.004	5	0	0.004
36	122.4		Sealed Off Wye East	1	0.000	0	0	0.000
37	126.1	Upper Left	Crack-Radial	2	0.002	2	0	0.002
38	131.4	Upper Right	Crack-Horizontal	3	0.004	5	0	0.004
39	143.4	Upper Left	Crack-Radial	3	0.004	5	0	0.004
40	146.2	Lower Left	Broken Pipe	3	0.010	60	0	0.010
41	147.8		Sealed Off Wye West	3	0.003	0	0	0.003
42	149.0	Crown	Crack-Radial	3	0.004	5	0	0.004
43	150.2	East	Break-In Conn	1	0.001	0	0	0.001
1329 NORTH PERRY 4" Break In Connection / roots around outside of tap								
44	152.2	Lower Left	Broken Pipe	3	0.010	60	0	0.010
45	154.5	Lower Right	Crack-Radial	3	0.004	5	0	0.004
46	156.8	Invert	Crack-Radial	3	0.004	5	0	0.004
47	159.4	Upper Right	Broken Pipe	3	0.010	60	0	0.010
48	164.2	Upper Right	Crack-Radial	3	0.004	5	0	0.004
49	166.7	Invert	Crack-Radial	3	0.004	5	0	0.004
50	171.9	Invert	Broken Pipe	3	0.010	60	0	0.010
51	173.1	West	Wye Service	4	0.000	60	0	0.000
1330 NORTH AMIDON 4" Clay Wye Connection FULL OF ROOTS								
52	173.9	Crown	Broken Pipe	3	0.010	60	0	0.010
53	175.7		Sealed Off Wye East	1	0.000	0	0	0.000
54	176.9	Upper Right	Broken Pipe	3	0.010	60	0	0.010
55	179.2	Crown	Crack-Radial	3	0.004	5	0	0.004
56	184.9	Upper Right	Crack-Radial	3	0.004	5	0	0.004
57	188.7	Crown	Crack-Radial	4	0.008	10	0	0.008
58	194.6	Lower Right	Crack-Horizontal	3	0.004	5	0	0.004
59	197.3	Crown	Crack-Radial	4	0.008	10	0	0.008
60	198.4		Sealed Off Wye West	1	0.000	0	0	0.000
61	199.6	Lower Right	Crack-Radial	3	0.004	5	0	0.004
62	201.0	East	Break-In Conn	5	0.010	400	0	0.010
1317 NORTH PERRY 4" Break In Connection FULL OF ROOTS / BROKEN PIPE PIECE MISSING								
63	202.0	Crown	Crack-Radial	4	0.008	10	0	0.008
64	204.5	Crown	Crack-Radial	3	0.004	5	0	0.004
65	207.3	Crown	Broken Pipe	3	0.010	60	0	0.010
66	208.8		OH	1	0.000	0	0	0.000
67	210.1	Upper Right	Crack-Horizontal	3	0.004	5	0	0.004
68	212.5	Invert	Crack-Radial	3	0.004	5	0	0.004
69	225.2	Upper Left	Broken Pipe	3	0.010	60	0	0.010
70	226.4		Sealed Off Wye West	1	0.000	0	0	0.000
71	227.6	Upper Left	Crack-Radial	3	0.004	5	0	0.004
72	229.0		Sealed Off Wye East	1	0.000	0	0	0.000
73	230.5	Upper Right	Broken Pipe	3	0.010	60	0	0.010
74	232.3	Crown	Broken Pipe	3	0.010	60	0	0.010
75	238.1	Invert	Broken Pipe	3	0.010	60	0	0.010
76	248.3	Upper Right	Crack-Radial	3	0.004	5	0	0.004
77	251.7		Sealed Off Wye West	1	0.000	0	0	0.000
78	252.9	Lower Left	Crack-Radial	3	0.004	5	0	0.004
79	254.6		Wye Service	4	0.000	60	0	0.000
1315 NORTH PERRY 4" Clay Wye Connection OFFSET & BROKEN PIPE / ROOTS								
80	256.0	Lower Left	Crack-Horizontal	3	0.004	5	0	0.004
81	260.9	Upper Left	Broken Pipe	2	0.008	44	0	0.008
82	263.2	Upper Left	Crack-Horizontal	3	0.004	5	0	0.004
83	265.8	Lower Left	Crack-Radial	2	0.002	2	0	0.002
84	268.5	Crown	Crack-Radial	3	0.004	5	0	0.004
85	273.5	Invert	Crack-Radial	3	0.004	5	0	0.004
86	275.9	Upper Left	Broken Pipe	3	0.010	60	0	0.010
87	277.3	West	Wye Service	3	0.000	2	0	0.000
1302 NORTH AMIDON 4" Clay Wye Connection ROOTS & OFFSET								
88	279.6	East	Break-In Conn	3	0.004	2	0	0.004
1307 NORTH PERRY 4" Break In Connection ROOTS								
89	281.0	Upper Left	Crack-Radial	3	0.004	5	0	0.004
90	300.5	Crown	Crack-Radial	4	0.008	10	0	0.008
91	302.4		Sealed Off Wye West	2	0.002	0	0	0.002
92	303.4	Lower Left	Crack-Radial	3	0.004	5	0	0.004
93	304.9		Sealed Off Wye East	2	0.002	0	0	0.002
94	306.3		DS Manhole 5348-040 (BRICK TROUGH / MH TO BE ABANDONED OVER CIPP)					

Television Inspection Master Report

8/6/2007
11:22:40AM

US Manhole: 5348-040
DS Manhole: 5348-039

Date Insp: 4/10/2007
Dir Televised: Upstream To Downstream
Basin: C03E

Pipe Information

Shape:	Round	Length Status:	Project No.:	B-230	
Dia/Ht Width:	8	Material:	Index:		
Length:	93.0	Slope:	0.400	Surface:	Rear Easement

Inspection Information

Crew:	694	Percent Full:	Tape ID:	DVD #0270
Weather:	Rainy	Purpose:	Counter Start:	
Surface Cond:	Trees & Fences	Flow:	Counter Stop:	

Obs. VTR

#	Counter Svc. Address	Distance	Location	Description	Obs Rating	Obsrvd (gpm)	Est. (gpm)	Ratings		
								Struct	Clean	Remain (gpm)
1		0.0	US Manhole		1		0.000	0	0	0.000
MH BURIED A COUPLE OF INCHES / GREEN FLAGS ON FENCE AT THIS LOCATION / UNDER FENCE / MH TO BE ABANDONED OVER CIPP										
2		3.3	Crown	Broken Pipe	3		0.010	60	0	0.010
3		4.9	West	Break-In Conn	3		0.004	2	0	0.004
Faces 1920 AMIDON / possibly abandoned? (not sealed at the main)										
4		8.8	Upper Left	Crack-Horizontal	3		0.004	5	0	0.004
5		11.3	Lower Left	Crack-Radial	3		0.004	5	0	0.004
6		14.0	Upper Right	Crack-Radial	3		0.004	5	0	0.004
7		16.6	Upper Left	Crack-Radial	3		0.004	5	0	0.004
8		20.4		Sealed Off Wye West	1		0.000	0	0	0.000
9		21.5	Upper Left	Crack-Radial	3		0.004	5	0	0.004
10		22.9	East	Wye Service	4		0.000	60	0	0.000
1305 NORTH PERRY 4" Clay Wye Connection BROKEN PIPE PIECE MISSING										
11		45.3	Upper Right	Broken Pipe	3		0.010	60	0	0.010
12		46.1		Sealed Off Wye West	1		0.000	0	0	0.000
13		47.3	Lower Left	Broken Pipe	3		0.010	60	0	0.010
14		48.6		Sealed Off Wye East	1		0.000	0	0	0.000
15		51.5	West	Wye Service	2		0.000	0	0	0.000
1920 W 12TH 4" Clay Wye Connection OFFSET outside of main										
16		52.3	Upper Left	Broken Pipe	3		0.010	60	0	0.010
17		55.2	Upper Right	Crack-Horizontal	2		0.002	2	0	0.002
18		60.1	Lower Left	Broken Pipe	3		0.010	60	0	0.010
19		61.2	East	Break-In Conn	3		0.004	2	0	0.004
1301 NORTH PERRY 4" Break In Connection ROOTS										
20		65.2	Upper Left	Crack-Radial	3		0.004	5	0	0.004
21		70.3	Upper Left	Crack-Radial	3		0.004	5	0	0.004
22		71.7	West	Wye Service	3		0.000	2	0	0.000
1922 WEST 12TH ST. NORTH 4" Clay Wye Connection ROOTS										
23		72.8	Upper Left	Crack-Radial	3		0.004	5	0	0.004
24		74.2		Sealed Off Wye East	1		0.000	0	0	0.000
25		75.5	Upper Right	Broken Pipe	3		0.010	60	0	0.010
26		85.7	Lower Left	Crack-Horizontal	3		0.004	5	0	0.004
27		92.1		Sealed Off Wye West	1		0.000	0	0	0.000
28		93.2	Upper Left	Broken Pipe	2		0.008	44	0	0.008
29		94.5		Sealed Off Wye East	1		0.000	0	0	0.000
30		96.5	MH 5348-039		1		0.000	0	0	0.000

Television Inspection Master Report

8/6/2007
11:22:40AM

US Manhole: 5348-039 1920 W 12th Date Insp: 4/10/2007 Basin: C03E
 DS Manhole: 5348-037 1242 N AMIDON ST Dir Televised: Upstream To Downstream

Pipe Information

Shape: Round Length Status: Project No.: B-230
 Dia/Ht Width: 8 Material: VCP Index:
 Length: 215.2 Slope: 0.400 Surface: Rear Easement

Inspection Information

Crew: 694 Percent Full: Tape ID: DVD #0270
 Weather: Rainy Purpose: TV Existing Line Counter Start:
 Surface Cond: Trees & Fences Flow: Normal Flow Counter Stop:

Obs. #	VTR Counter Svc. Address	Distance	Location	Description	Obs Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1		0.0		M 5348-039	1		0.000	0	0	0.000
2		38.5	Upper Left	Crack-Horizontal	3		0.004	5	0	0.004
3		42.1	Crown	Crack-Radial	3		0.004	5	0	0.004
4		50.5	Upper Left	Crack-Radial	2		0.002	2	0	0.002
5		53.0	Upper Left	Crack-Radial	3		0.004	5	0	0.004
6		66.2	Lower Right	Crack-Horizontal	3		0.004	5	0	0.004
7		75.8	Upper Left	Crack-Radial	3		0.004	5	0	0.004
8		86.4	Upper Left	Crack-Radial	3		0.004	5	0	0.004
9		90.8	Upper Left	Crack-Radial	3		0.004	5	0	0.004
10		99.1	Crown	Broken Pipe	3		0.010	60	0	0.010
11		100.0	West	Break-In Conn	1		0.001	0	0	0.001
1917 WEST 12TH ST NORTH				4" Predco Saddle / PVC Service						
12		101.3	Upper Left	Crack-Radial	3		0.004	5	0	0.004
13		102.7	East	Wye Service	3		0.000	2	0	0.000
1255 NORTH PERRY				4" Clay Wye Connection	ROOTS					
14		103.9	Upper Left	Broken Pipe	3		0.010	60	0	0.010
15		107.8		Observation Hole (OH)	3		0.003	0	0	0.003
OH NEEDS ABANDONED OVER CIPP / OH LID HAS A HOLE IN IT										
16		108.7	Crown	Broken Pipe	3		0.010	60	0	0.010
17		125.9		Sealed Off Wye West?	4		0.004	0	0	0.004
APPEARS SEALED/ BALL OF ROOTS				4" Clay Wye Connection						
18		128.3		Sealed Off Wye East	1		0.000	0	0	0.000
19		129.7	Upper Right	Crack-Radial	3		0.004	5	0	0.004
20		131.7	Invert	Broken Pipe	3		0.010	60	0	0.010
21		151.4	West	Wye Service	4		0.000	60	0	0.000
921 WEST 12TH NORTH				4" Clay Wye Connection	ROOTS					
22		154.6	East	Wye Service	4		0.000	60	0	0.000
1253 NORTH PERRY				4" Clay Wye Connection	ROOTS					
23		177.7		Sealed Off Wye West	1		0.000	0	0	0.000
24		180.2		Sealed Off Wye East	4		0.004	0	0	0.004
				4" Clay Wye Connection	SEAL BROKEN					
25		201.9	Lower Left	Crack-Horizontal	3		0.004	5	0	0.004
26		203.1		Sealed Off Wye West	4		0.004	0	0	0.004
27		204.5	Upper Left	Crack-Radial	3		0.004	5	0	0.004
28		205.7		Sealed Off Wye East	4		0.004	0	0	0.004
				4" Clay Wye Connection	SEAL BROKEN					
29		213.2	East	Break-In Conn	1		0.001	0	0	0.001
1241 NORTH PERRY				4" Break In Connection						
30		214.4	Lower Right	Broken Pipe	3		0.010	60	0	0.010
31		215.5	DS Manhole	5348-037	1		0.000	0	0	0.000

11-6

Television Inspection Master Report

8/6/2007
11:22:40AM

US Manhole: 5348-037 1242 N AMIDON ST Date Insp: 4/10/2007 Basin: C03E
 DS Manhole: 5348-034 1211 N PERRY ST Dir Televised: Upstream To Downstream

Pipe Information

Shape: Round Length Status: Project No.: B-230
 Dia/Ht Width: 8 0 Material: VCP Index: Surface: Rear Easement
 Length: 316.5 Slope: 0.199

Inspection Information

Crew: 694 Percent Full: Tape ID: DVD #0270
 Weather: Rainy Purpose: TV Existing Line Counter Start:
 Surface Cond: Trees & Fences Flow: Normal Flow Counter Stop:

Obs. #	VTR Counter	Distance	Location	Description	Obs Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
	Svc. Address		Connection type:							
1		0.0	US Manhole 5348-037		1		0.000	0	0	0.000
2		3.7	Upper Left	Crack-Radial	3		0.004	5	0	0.004
3		6.1	Lower Left	Crack-Radial	3		0.004	5	0	0.004
4		12.4	West	Break-In Conn	5		0.010	400	0	0.010
	1248 NORTH AMIDON			4" Break In Connection	ROOTS					
5		15.1		Sealed Off Wye East	3		0.003	0	0	0.003
				4" Clay Wye Connection	SEAL BROKEN					
6		16.5	Lower Left	Crack-Horizontal	3		0.004	5	0	0.004
7		23.8	Lower Left	Crack-Horizontal	3		0.004	5	0	0.004
8		27.4	Upper Right	Crack-Radial	2		0.002	2	0	0.002
9		29.5	Lower Left	Broken Pipe	2		0.008	44	0	0.008
10		38.3	West	Wye Service	1		0.000	0	0	0.000
	1242 NORTH AMIDON			4" Clay Wye Connection						
11		39.8	Upper Right	Crack-Radial	3		0.004	5	0	0.004
12		41.3		Sealed Off Wye East	3		0.003	0	0	0.003
				4" Clay Wye Connection	BROKEN SEAL					
13		54.6	East	Break-In Conn	1		0.001	0	0	0.001
	1239 NORTH PERRY			4" Predco Saddle / PVC connection						
14		60.1	Invert	Broken Pipe	3		0.010	60	0	0.010
15		64.2		Sealed Off Wye West	3		0.003	0	0	0.003
				4" Clay Wye Connection	DEBRIS					
16		66.7		Sealed Off Wye East	1		0.000	0	0	0.000
17		83.0	Upper Left	Crack-Radial	3		0.004	5	0	0.004
18		87.8	Lower Left	Crack-Horizontal	3		0.004	5	0	0.004
19		89.9		Sealed Off Wye West	3		0.003	0	0	0.003
				4" Clay Wye Connection	DEBRIS					
20		91.4	Lower Left	Crack-Horizontal	3		0.004	5	0	0.004
21		92.1	East	Break-In Conn	1		0.001	0	0	0.001
	1237 NORTH PERRY			4" Predco Saddle						
22		93.4	Crown	Crack-Horizontal	3		0.004	5	0	0.004
23		98.5	Lower Left	Crack-Radial	3		0.004	5	0	0.004
24		104.8		OH	1		0.000	0	0	0.000
25		104.8		Stopped Inspection	1		0.000	0	0	0.000

DUE TO LENGTH OF CABLE PULL / NO PROBLEM WITH THE PIPE / SEE REVERSE SETUP

Television Inspection Master Report

8/6/2007
11:22:40AM

US Manhole: 5348-037 1242 N AMIDON ST Date Insp: 4/11/2007 Basin: C03E
DS Manhole: 5348-034 1211 N PERRY ST Dir Televised: Downstream To Upstream

REVERSE SETUP:

Obs. #	VTR Counter	Distance	Location	Description	Obs Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1		0.0	DS Manhole	5348-034						
AGAINST THE FLOW / Continued Inspection / WE WILL TELEWISE APROXY 211 FT TO FINISH LINE										
3		4.4	West	Wye Service	1		0.000	0	0	0.000
	1216 NORTH AMIDON			4" Clay Wye Connection						
4		7.0	East	Break-In Conn	4		0.008	60	0	0.008
	1211 NORTH PERRY									ROOTS
5		27.2	East	Wye Service	1		0.000	0	0	0.000
	1213 NORTH PERRY			4" Clay Wye Connection						
6		29.8		Sealed Off Wye West	1		0.000	0	0	0.000
7		47.4	Joint	Roots	3		0.008	5	8	0.008
8		52.7		Sealed Off Wye East	1		0.000	0	0	0.000
9		55.4		Sealed Off Wye West	1		0.000	0	0	0.000
10		57.5	Crown	Crack-Radial	3		0.004	5	0	0.004
11		78.3		Sealed Off Wye East	1		0.000	0	0	0.000
12		81.0		Sealed Off Wye West	1		0.000	0	0	0.000
13		99.0	Upper Left	Crack-Radial	3		0.004	5	0	0.004
14		100.8		PVC BEGINS	1		0.000	0	0	0.000
15		101.9	East	Break-In Conn	1		0.001	0	0	0.001
	1221 NORTH PERRY / PVC			4" Break In Connection						
16		102.5		PVC ENDS	1		0.000	0	0	0.000
17		104.1	West	Wye Service	1		0.000	0	0	0.000
	1222 NORTH AMIDON			4" Clay Wye Connection						
18		106.8		Observation Hole (OH)	3		0.003	0	0	0.003
OH NEEDS ABANDONED OVER CIPP / OH LID HAS A HOLE IN IT										
19		127.5	East	Wye Service	4		0.000	60	0	0.000
	1227 NORTH PERRY			4" Clay Wye Connection						ROOTS
20		130.2	West	Break-In Conn	3		0.004	2	0	0.004
	1228 NORTH AMIDON			4" Break In Connection						
21		153.0		Sealed Off Wye East	1		0.000	0	0	0.000
22		155.7		Sealed Off Wye West	1		0.000	0	0	0.000
23		178.7	East	Wye Service	4		0.000	60	0	0.000
	1231 NORTH PERRY			4" Clay Wye Connection						BROKEN PIPE PIECE MISSING FROM SERVICE LINE
24		181.3	West	Wye Service	1		0.000	0	0	0.000
	1234 NORTH AMIDON			4" Clay Wye Connection						
25		204.5		Sealed Off Wye East	1		0.000	0	0	0.000
26		207.0		Sealed Off Wye West	3		0.003	0	0	0.003
27		215.5		Stopped Inspection	1		0.000	0	0	0.000
THIS WILL COMPLETE LINE SEGMENT										

Lots of roots at joints not called out on the log.

Television Inspection Master Report

8/6/2007
11:22:40AM

US Manhole: 5348-034 1211 N PERRY ST Date Insp: 4/11/2007 Basin: C03E
Dir Televised: Downstream To Upstream
DS Manhole: 5348-032 1922 W 11TH ST N

Pipe Information

Shape: Round Length Status: Project No.: B-230
Dia/Ht Width: 8 0 Material: VCP Length: 164.0

Inspection Information

Crew: 694 Percent Full: Tape ID: DVD #0270
Weather: Rainy Purpose: TV Existing Line Counter Start:
Surface Cond: Trees & Fences Flow: Normal Flow Counter Stop:

Obs. VTR

#	Counter	Distance	Location	Description	Obs	Obsrvd	Est.	Ratings	Clean	Remain
	Svc. Address		Connection type:		Rating	(gpm)	(gpm)	Struct		(gpm)
1	0.0		DS Manhole	5348-032 / TV AGAINST THE FLOW						
2	0.7			Roots	1		0.002	1	1	0.002
3	2.4	Joint		Roots	2		0.004	2	4	0.004
4	9.5	Joint		Roots	3		0.008	5	8	0.008
5	12.1	Joint		Roots	3		0.008	5	8	0.008
6	14.8	Joint		Roots	3		0.008	5	8	0.008
7	19.8	Joint		Roots	3		0.008	5	8	0.008
8	25.1	Joint		Roots	3		0.008	5	8	0.008
9	27.6	Joint		Roots	3		0.008	5	8	0.008
10	30.2	Joint		Roots	3		0.008	5	8	0.008
11	35.5			Sealed Off Wye East	5		0.005	0	0	0.005
APPEARS ABANDON (ball of roots)				4" Clay Wye Connection						
12	37.8			Sealed Off Wye West	1		0.000	0	0	0.000
13	40.4	Joint		Roots	2		0.004	2	4	0.004
14	45.9			Observation Hole (OH)	3		0.003	0	0	0.003
				OH NEEDS ABANDONED OVER CIPP / OH LID HAS A HOLE IN IT						
15	48.1	Joint		Roots	2		0.004	2	4	0.004
16	50.7	Upper Left		Crack-Radial	3		0.004	5	0	0.004
17	51.0	Joint		Roots	3		0.008	5	8	0.008
18	53.3	Joint		Roots	2		0.004	2	4	0.004
19	55.8	Joint		Roots	3		0.008	5	8	0.008
20	58.6			PVC begins	1		0.000	0	0	0.000
21	60.8	West		Break-In Conn	1		0.001	0	0	0.001
1201 NORTH PERRY / PVC				4" Predco Saddle						
22	61.8			PVC ends	1		0.000	0	0	0.000
23	63.4	West		Break-In Conn	4		0.008	60	0	0.008
1922 WEST 11TH ST NORTH				4" Break In Connection						
24	68.5			Roots	3		0.008	5	8	0.008
				ROOTS around outside of tap						
25	76.1	Joint		Roots	3		0.008	5	8	0.008
26	84.2	Joint		Roots	3		0.008	5	8	0.008
27	86.8	West		Wye Service	5		0.000	400	0	0.000
1205 NORTH PERRY				4" Clay Wye Connection / ROOTS & BAD CAVITY / TO BE REPLACED BY SEWER MAINTENANCE						
28	89.5			Sealed Off Wye West	5		0.005	0	0	0.005
29	97.2	West		Break-In Conn	1		0.001	0	0	0.001
1210 NORTH AMIDON				4" Break In Connection						
30	112.4			Sealed Off Wye East	1		0.000	0	0	0.000
31	115.1			Sealed Off Wye West	5		0.005	0	0	0.005
32	125.8	Upper Right		Broken Pipe	3		0.010	60	0	0.010
33	127.9	West		Wye Service	5		0.000	400	0	0.000
				6" Clay Wye Connection						
				APPEARS ABANDON WITH ROOTS						
34	138.0			Sealed Off Wye East	5		0.005	0	0	0.005
35	140.7			Sealed Off Wye West	5		0.005	0	0	0.005
36	161.0	US Manhole	5348-034		1		0.000	0	0	0.000

11-9

Television Inspection Master Report

8/6/2007
11:22:40AM

US Structure: 5348-032 1922 W 11TH ST N **Date Insp:** 2/12/2007 **Basin:** C03E
DS Structure: 5348-030 1146 N AMIDON AVE **Dir Televised:** Upstream To Downstream

Pipe Information

Shape: Round Length Status: Project No.: B-230
Dia/Ht Width: 8 0 Material: VCP Index:
Length: 153.1 Slope: 0.203 Surface:

Inspection Information

Crew: 690 Percent Full: Tape ID: DVD #0248
Weather: Rainy Purpose: TV Existing Line Counter Start:
Surface Cond: Out Buildings & Trees Flow: N/A Counter Stop:

Obs. #	VTR Counter Comment	Distance	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings		
								Struct	Clean	Remain (gpm)
1		0.0	US Manhole	5348-032	1	0.000	0	0	0.000	
2		1.0	Lower Right	Crack-Horizontal	3	0.004	5	0	0.004	
3		5.7	Upper Left	Crack-Radial	2	0.002	2	0	0.002	
4		10.8	Upper Left	Crack-Radial	2	0.002	2	0	0.002	
5		20.9	Upper Left	Broken Pipe	4	0.030	78	0	0.030	
	NEEDS REPAIR									
6		21.1	Upper Left	Crack-Radial	2	0.002	2	0	0.002	
7		30.7	Lower Left	Crack-Radial	3	0.004	5	0	0.004	
8		33.3	Upper Left	Broken Pipe	4	0.030	78	0	0.030	
	NEEDS REPAIR									
9		43.6	West	Wye Service	1	0.000	0	0	0.000	
	SEALED OFF									
10		45.6	Upper Left	Broken Pipe	2	0.008	44	0	0.008	
11		46.1	East	Wye Service	1	0.000	0	0	0.000	
	SEALED OFF, NEEDS RESEALED									
12		55.6	Lower Left	Crack-Radial	3	0.004	5	0	0.004	
13		63.4	Upper Left	OH	2	0.002	0	0	0.002	
14		65.8	Upper Left	Crack-Horizontal	2	0.002	2	0	0.002	
15		68.6	West	Wye Service	1	0.000	0	0	0.000	
	1154 N AMIDON									
16		70.9	East	Wye Service	1	0.000	0	0	0.000	
	1157 N PERRY									
17		72.9	Upper Left	Crack-Radial	2	0.002	2	0	0.002	
18		82.9	Lower Left	Crack-Radial	2	0.002	2	0	0.002	
19		85.6	Upper Left	Crack-Radial	3	0.004	5	0	0.004	
20		92.9	Upper Left	Crack-Horizontal	2	0.002	2	0	0.002	
21		92.9	Lower Left	Crack-Radial	2	0.002	2	0	0.002	
22		93.6	West	Wye Service	2	0.000	0	0	0.000	
	1152 N AMIDON / CONN CRACKED									
24		95.6	Upper Left	Crack-Radial	2	0.002	2	0	0.002	
25		96.0	East	Break-In Conn	1	0.001	0	0	0.001	
	1151 N PERRY / PVC									
26		97.9	Lower Left	Crack-Radial	3	0.004	5	0	0.004	
27		100.5	Lower Left	Crack-Radial	3	0.004	5	0	0.004	

11-10

Television Inspection Master Report

8/6/2007
11:22:40AM

US Structure: 5348-032 1922 W 11TH ST N **Date Insp:** 2/12/2007 **Basin:** C03E
DS Structure: 5348-030 1146 N AMIDON AVE **Dir Televised:** Upstream To Downstream

28	113.0	Upper Left	Crack-Radial	3	0.004	5	0	0.004	
29	117.8	Invert	Crack-Radial	3	0.004	5	0	0.004	
30	118.2	West	Wye Service	1	0.000	0	0	0.000	
SEALED OFF									
31	120.5	Upper Left	Crack-Radial	2	0.002	2	0	0.002	
32	120.8	East	Wye Service	1	0.000	0	0	0.000	
SEALED OFF									
33	122.6	Upper Left	Crack-Radial	2	0.002	2	0	0.002	
34	137.6	Lower Left	Crack-Radial	2	0.002	2	0	0.002	
35	143.1	West	Wye Service	1	0.000	0	0	0.000	
SEALED OFF									
36	145.6	East	Wye Service	1	0.000	0	0	0.000	
SEALED OFF									
37	147.6	Lower Left	Crack-Radial	3	0.004	5	0	0.004	
38	150.4	Upper Left	Crack-Horizontal	3	0.004	5	0	0.004	
39	154.5	Lower Right	Broken Pipe	4	0.030	78	0	0.030	
TILE MISSING IN MH									
40	154.6	DS Manhole	5348-030	3	0.000	0	0	0.000	

11-11