



14-2

CLAY

802

7803

7903

7920

WATSON

LONGFELLOW

ROCK ROAD

7920

LINCOLN

Aerial View



# Television Inspection Master Report

8/16/2007  
8:06 AM

US Structure: 5946-267  
DS Structure: 5946-266

802 S LONGFELLOW LA  
7803 E CLAY ST

Date Insp: 2/2/2007  
Dir Televised: Downstream To Upstream

Basin: E01G1

## Pipe Information

Shape: Round Length Status: Project No.: H-012  
Dia/Ht Width: 8 0 Material: VCP Index:  
Length: 234.0 Slope: 1.000 Surface:

## Inspection Information

Crew: 692 Percent Full: Tape ID: DVD #0242  
Weather: Sunny Purpose: TV Existing Line Counter Start:  
Surface Cond: Trees & Fences 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	DS Manhole	5946-266 / tv against flow			0.000	0	0	0.000
2		0.0	Joint	Offset	2		0.000	0	0	0.000
3		5.7	Joint	Offset	3		0.010	20	0	0.010
4		8.6	Joint	Offset	3		0.010	20	0	0.010
5		11.8	Joint	Offset	3		0.010	20	0	0.010
6		14.7	Joint	Offset	3		0.010	20	0	0.010
7		17.6	Joint	Offset	3		0.010	20	0	0.010
8		20.6	Joint	Offset	3		0.010	20	0	0.010
9		23.4	Joint	Offset	2		0.000	0	0	0.000
10		27.5	Joint	Offset	3		0.010	20	0	0.010
11		29.8	Joint	Offset	2		0.000	0	0	0.000
12		32.7	Joint	Offset	2		0.000	0	0	0.000
13		39.0	Joint	Offset	2		0.000	0	0	0.000
14		44.1	North	Wye Service	1		0.000	0	0	0.000
7721 E CLAY										
15		47.5	South	Wye Service	1		0.000	0	0	0.000
7720 E WATSON										
16		49.7	Joint	Offset	2		0.000	0	0	0.000
17		50.8	Joint	Offset	2		0.000	0	0	0.000
18		54.5	Joint	Offset	3		0.010	20	0	0.010
19		56.7	Joint	Offset	3		0.010	20	0	0.010
20		56.7	Joint	Roots	2		0.004	2	4	0.004
21		62.7	Joint	Roots	1		0.002	1	1	0.002
22		62.7	Joint	Offset	2		0.000	0	0	0.000
23		65.8	Joint	Offset	2		0.000	0	0	0.000
24		68.6	Joint	Offset	3		0.010	20	0	0.010
25		68.6	Joint	Roots	1		0.002	1	1	0.002
26		71.6	Joint	Offset	3		0.010	20	0	0.010
27		71.6	Joint	Roots	1		0.002	1	1	0.002
28		74.7	Joint	Offset	2		0.000	0	0	0.000
29		74.9	Joint	Roots	1		0.002	1	1	0.002
30		77.8	Joint	Offset	2		0.000	0	0	0.000
31		77.8	Joint	Roots	1		0.002	1	1	0.002
32		80.8	Joint	Offset	2		0.000	0	0	0.000
33		80.9	Joint	Roots	1		0.002	1	1	0.002
34		83.6	Joint	Offset	3		0.010	20	0	0.010
35		83.8	Joint	Roots	1		0.002	1	1	0.002
36		89.5	Joint	Offset	2		0.000	0	0	0.000

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# Television Inspection Master Report

8/16/2007  
8:06 AM

US Structure: 5946-267  
DS Structure: 5946-266

802 S LONGFELLOW LA  
7803 E CLAY ST

Date Insp: 2/2/2007

Basin: E01G1

Dir Televised: Downstream To Upstream

37	89.6	Joint	Roots	1	0.002	1	1	0.002
38	95.6	Joint	Offset	2	0.000	0	0	0.000
39	98.6	Joint	Offset	2	0.000	0	0	0.000
40	101.3	Joint	Offset	3	0.010	20	0	0.010
41	103.8	North	Wye Service	2	0.000	0	0	0.000
7715 E CLAY / ROOTS								
43	106.6	South	Wye Service	1	0.000	0	0	0.000
7714 E WATSON / ROOTS								
45	107.6	Joint	Offset	2	0.000	0	0	0.000
46	110.4	Joint	Offset	2	0.000	0	0	0.000
47	113.5	Joint	Offset	2	0.000	0	0	0.000
48	119.6	Joint	Offset	3	0.010	20	0	0.010
49	122.3	Joint	Offset	2	0.000	0	0	0.000
50	125.4	Joint	Offset	3	0.010	20	0	0.010
51	128.4	Joint	Roots	1	0.002	1	1	0.002
52	128.4	Joint	Offset	3	0.010	20	0	0.010
53	131.4	Joint	Roots	1	0.002	1	1	0.002
54	134.2	Joint	Offset	3	0.010	20	0	0.010
55	137.4	Joint	Roots	1	0.002	1	1	0.002
56	140.4	Joint	Offset	2	0.000	0	0	0.000
57	143.3	Joint	Roots	1	0.002	1	1	0.002
58	143.3	Joint	Offset	3	0.010	20	0	0.010
59	146.3	Joint	Roots	1	0.002	1	1	0.002
60	149.3	Joint	Offset	3	0.010	20	0	0.010
61	152.2	Joint	Offset	3	0.010	20	0	0.010
62	155.1	Joint	Roots	1	0.002	1	1	0.002
63	158.2	Joint	Offset	4	0.030	60	0	0.030
64	158.2	Joint	Roots	2	0.004	2	4	0.004
65	161.2	Joint	Offset	3	0.010	20	0	0.010
66	161.2	Joint	Roots	2	0.004	2	4	0.004
67	163.9	North	Wye Service	2	0.000	0	0	0.000
7709 E CLAY / ROOTS								
69	168.4	South	Wye Service	2	0.000	0	0	0.000
7708 E WATSON / ROOTS								
70	168.4	Joint	Roots	1	0.002	1	1	0.002
71	168.5	Joint	Offset	2	0.000	0	0	0.000
72	169.9	Joint	Offset	3	0.010	20	0	0.010
73	169.9	Joint	Roots	1	0.002	1	1	0.002
74	172.8	Joint	Roots	1	0.002	1	1	0.002
75	172.8	Joint	Offset	3	0.010	20	0	0.010
76	175.9	Joint	Offset	2	0.000	0	0	0.000
77	178.9	Joint	Offset	3	0.010	20	0	0.010
78	178.9	Joint	Roots	1	0.002	1	1	0.002
79	182.0	Joint	Roots	2	0.004	2	4	0.004
80	184.9	Joint	Roots	1	0.002	1	1	0.002
81	191.0	Joint	Roots	1	0.002	1	1	0.002
82	191.0	Joint	Offset	2	0.000	0	0	0.000
83	194.1	Joint	Roots	2	0.004	2	4	0.004
84	194.2	Joint	Offset	3	0.010	20	0	0.010
85	199.8	Joint	Roots	2	0.004	2	4	0.004
86	199.8	Joint	Offset	3	0.010	20	0	0.010
87	203.1	Joint	Offset	2	0.000	0	0	0.000
88	203.1	Joint	Roots	1	0.002	1	1	0.002
89	206.1	Joint	Offset	2	0.000	0	0	0.000
90	206.2	Joint	Roots	1	0.002	1	1	0.002
91	209.0	Joint	Roots	2	0.004	2	4	0.004
92	211.9	Joint	Offset	2	0.000	0	0	0.000
93	211.9	Joint	Roots	1	0.002	1	1	0.002
94	215.3	Joint	Offset	3	0.010	20	0	0.010

# Television Inspection Master Report

8/16/2007  
8:06 AM

**US Structure:** 5946-267      802 S LONGFELLOW LA      **Date Insp:** 2/2/2007      **Basin:** E01G1  
**DS Structure:** 5946-266      7803 E CLAY ST      **Dir Televised:** Downstream To Upstream

95	215.3	Joint	Roots	2	0.004	2	4	0.004	
96	217.4	North	Break-In Conn	1	0.001	0	0	0.001	
802 S LONGFELLOW / PVC									
98	218.3	Joint	Roots	2	0.004	2	4	0.004	
99	220.3	South	Break-In Conn	1	0.001	0	0	0.001	
810 S LONGFELLOW / PVC									
100	221.3	Joint	Roots	2	0.004	2	4	0.004	
101	224.1	Joint	Offset	3	0.010	20	0	0.010	
102	224.1	Joint	Roots	1	0.002	1	1	0.002	
103	234.0	US Manhole	5946-267	1	0.000	0	0	0.000	

14-5

# Television Inspection Master Report

8/16/2007  
8:06 AM

**US Structure:** 5946-266      7803 E CLAY ST      **Date Insp:** 2/1/2007      **Basin:** E01G1  
**DS Structure:** 5946-265      7903 E CLAY ST      **Dir Televised:** Downstream To Upstream

## Pipe Information

Shape: Round      Length Status:      Project No.: H-012  
Dia/Ht Width: 8 0      Material: VCP      Index:  
Length: 233.7      Slope: 0.397      Surface:

## Inspection Information

Crew: 692      Percent Full:      Tape ID: DVD #0242  
Weather: Cloudy      Purpose: TV Existing Line      Counter Start:  
Surface Cond: Trees & Fences      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	DS Manhole	5946-265 TV AGAINST FLOW		0.000	0	0	0.000	
2		3.0	Joint	Offset	4	0.030	60	0	0.030	
FAIRLY BAD OFFSET JOINT										
3		8.3	Joint	Offset	3	0.010	20	0	0.010	
4		11.1	Joint	Offset	2	0.000	0	0	0.000	
5		15.5	Joint	Offset	2	0.000	0	0	0.000	
6		19.5	Joint	Offset	2	0.000	0	0	0.000	
7		22.3	Joint	Offset	2	0.000	0	0	0.000	
8		28.0	Joint	Offset	2	0.000	0	0	0.000	
9		30.9	Joint	Offset	2	0.000	0	0	0.000	
10		36.9	Joint	Offset	1	0.000	0	0	0.000	
11		40.2	Joint	Offset	2	0.000	0	0	0.000	
12		41.3	North	Wye Service	3	0.000	2	0	0.000	
7821 E CLAY ROOTS										
13		44.5	South	Wye Service	1	0.000	0	0	0.000	
7820 E WATSON										
14		45.0	Joint	Offset	2	0.000	0	0	0.000	
15		59.7	Joint	Offset	2	0.000	0	0	0.000	
16		62.9	Joint	Offset	3	0.010	20	0	0.010	
17		66.1	Joint	Offset	2	0.000	0	0	0.000	
18		69.2	Joint	Offset	2	0.000	0	0	0.000	
19		72.1	Joint	Offset	2	0.000	0	0	0.000	
20		74.8	Joint	Offset	2	0.000	0	0	0.000	
21		81.0	Joint	Offset	2	0.000	0	0	0.000	
22		83.9	Joint	Offset	3	0.010	20	0	0.010	
23		87.1	Joint	Offset	2	0.000	0	0	0.000	
24		89.8	Joint	Offset	3	0.010	20	0	0.010	
25		93.0	Joint	Offset	2	0.000	0	0	0.000	
26		96.1	Joint	Offset	3	0.010	20	0	0.010	
27		101.3	North	Wye Service	4	0.000	60	0	0.000	
7815 E CLAY / Offset outside of main (to be repaired by Sewer Maintenance)										
28		102.5	Joint	Roots	1	0.002	1	1	0.002	
29		104.5	South	Wye Service	2	0.000	0	0	0.000	
7814 E WASTON										
30		107.7	Joint	Offset	3	0.010	20	0	0.010	
31		110.8	Joint	Offset	3	0.010	20	0	0.010	

# Television Inspection Master Report

8/16/2007  
8:06 AM

US Structure: 5946-266                      7803 E CLAY ST                      Date Insp: 2/1/2007                      Basin: E01G1  
DS Structure: 5946-265                      7903 E CLAY ST                      Dir Televised: Downstream To Upstream

32	116.8	Joint	Offset	3	0.010	20	0	0.010
33	123.0	Joint	Offset	2	0.000	0	0	0.000
34	125.8	Joint	Offset	2	0.000	0	0	0.000
35	128.9	Joint	Offset	2	0.000	0	0	0.000
36	132.0	Joint	Offset	2	0.000	0	0	0.000
37	134.7	Joint	Offset	3	0.010	20	0	0.010
38	137.7	Joint	Offset	2	0.000	0	0	0.000
39	140.6	Joint	Offset	2	0.000	0	0	0.000
40	143.7	Joint	Offset	3	0.010	20	0	0.010
41	149.6	Joint	Offset	3	0.010	20	0	0.010
42	152.7	Joint	Offset	2	0.000	0	0	0.000
43	152.7	Joint	Roots	1	0.002	1	1	0.002
44	155.0	North	Wye Service	1	0.000	0	0	0.000
7809 E CLAY ROOTS 3.								
45	158.1	South	Wye Service	2	0.000	0	0	0.000
7808 E WASTON ROOTS								
46	158.9	Joint	Roots	1	0.002	1	1	0.002
47	161.5	Joint	Roots	1	0.002	1	1	0.002
48	164.8	Joint	Roots	2	0.004	2	4	0.004
49	167.8	Joint	Offset	2	0.000	0	0	0.000
50	170.7	Joint	Offset	2	0.000	0	0	0.000
51	170.7	Joint	Roots	1	0.002	1	1	0.002
52	173.5	Joint	Offset	2	0.000	0	0	0.000
53	173.6	Joint	Roots	2	0.004	2	4	0.004
54	176.7	Joint	Offset	3	0.010	20	0	0.010
55	176.7	Joint	Roots	1	0.002	1	1	0.002
56	182.5	Joint	Roots	2	0.004	2	4	0.004
57	185.6	Joint	Roots	2	0.004	2	4	0.004
58	188.8	Joint	Roots	2	0.004	2	4	0.004
59	192.0	Joint	Offset	2	0.000	0	0	0.000
60	194.8	Joint	Offset	3	0.010	20	0	0.010
61	194.8	Joint	Roots	2	0.004	2	4	0.004
62	197.8	Joint	Roots	1	0.002	1	1	0.002
63	200.7	Joint	Offset	3	0.010	20	0	0.010
64	200.7	Joint	Roots	2	0.004	2	4	0.004
65	203.5	Joint	Roots	2	0.004	2	4	0.004
66	206.3	Joint	Roots	2	0.004	2	4	0.004
67	209.6	Joint	Offset	3	0.010	20	0	0.010
68	212.5	Joint	Offset	3	0.010	20	0	0.010
69	212.5	Joint	Roots	1	0.002	1	1	0.002
70	215.0	North	Wye Service	2	0.000	0	0	0.000
7803 E CLAY / HEAVY ROOTS INSIDE								
71	215.7	Joint	Offset	2	0.000	0	0	0.000
72	217.8	South	Wye Service	2	0.000	0	0	0.000
7802 E WASTON ROOTS IN LAT.								
73	218.7	Joint	Offset	2	0.000	0	0	0.000
74	221.5	Joint	Offset	3	0.010	20	0	0.010
75	224.5	Joint	Offset	3	0.010	20	0	0.010
76	227.4	Joint	Offset	2	0.000	0	0	0.000
77	232.4	US Manhole	5946-266	1	0.000	0	0	0.000

# Television Inspection Master Report

8/16/2007  
8:06 AM

**US Structure:** 5946-265      7903 E CLAY ST      **Date Insp:** 2/1/2007      **Basin:** E01G1  
**DS Structure:** 5946-264      7910 E WATSON ST      **Dir Televised:** Upstream To Downstream

## Pipe Information

Shape: Round      Length Status:      Project No.: H-012  
Dia/Ht Width: 8 0      Material: VCP      Index:  
Length: 232.2      Slope: 0.401      Surface:

## Inspection Information

Crew: 692      Percent Full:      Tape ID: DVD #0242  
Weather: Sunny      Purpose: TV Existing Line      Counter Start:  
Surface Cond: Trees & Fences      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	5946-265	1	0.000	0	0	0.000	
2		17.1	Joint	Offset	2	0.000	0	0	0.000	
3		17.1	Joint	Roots	1	0.002	1	1	0.002	
4		17.9	South	Wye Service	2	0.000	0	0	0.000	
7902 E WASTON / ROOTS										
5		21.0	North	Break-In Conn	1	0.001	0	0	0.001	
7903 E CLAY / PVC										
6		38.1	Joint	Offset	2	0.000	0	0	0.000	
7		41.3	Crown	Broken Pipe	3	0.010	60	0	0.010	
8		41.3	Joint	Roots	1	0.002	1	1	0.002	
9		44.3	Joint	Roots	2	0.004	2	4	0.004	
10		56.5	Upper Right	Broken Pipe	4	0.030	78	0	0.030	
11		59.3	Crown	Broken Pipe	4	0.030	78	0	0.030	
12		62.1	Joint	Offset	3	0.010	20	0	0.010	
13		65.0	Joint	Offset	3	0.010	20	0	0.010	
14		74.0	Joint	Offset	2	0.000	0	0	0.000	
15		74.9	South	Wye Service	1	0.000	0	0	0.000	
7908 E WASTON										
16		77.8	North	Break-In Conn	1	0.001	0	0	0.001	
7909 E CLAY										
17		80.2	Joint	Offset	2	0.000	0	0	0.000	
18		83.8	Start	Sag	2	0.000	2	0	0.000	
19		87.1	End	Sag	2	0.000	2	0	0.000	
20		98.3	Joint	Offset	2	0.000	0	0	0.000	
21		107.5	Upper Right	Broken Pipe	3	0.010	60	0	0.010	
22		110.5	Crown	Broken Pipe	3	0.010	60	0	0.010	
23		113.6	Crown	Broken Pipe	3	0.010	60	0	0.010	
24		116.5	Joint	Offset	2	0.000	0	0	0.000	
25		119.3	Joint	Offset	2	0.000	0	0	0.000	
26		125.6	Joint	Roots	1	0.002	1	1	0.002	
27		134.9	South	Wye Service	1	0.000	0	0	0.000	
7914 E WASTON ROOTS IN LAT.										
28		137.3	Joint	Roots	1	0.002	1	1	0.002	
29		138.0	North	Wye Service	1	0.000	0	0	0.000	
7915 E CLAY										

# Television Inspection Master Report

8/16/2007  
8:06 AM

**US Structure:** 5946-265      7903 E CLAY ST      **Date Insp:** 2/1/2007      **Basin:** E01G1  
**DS Structure:** 5946-264      7910 E WATSON ST      **Dir Televised:** Upstream To Downstream

30	158.1	Joint	Roots	1	0.002	1	1	0.002	
31	179.2	Joint	Offset	2	0.000	0	0	0.000	
32	179.2	Joint	Roots	1	0.002	1	1	0.002	
33	188.3	Joint	Offset	2	0.000	0	0	0.000	
34	197.7	South	Wye Service	1	0.000	0	0	0.000	
7920 E WASTON									
35	200.6		Broken Pipe	3	0.010	60	0	0.010	
36	200.7	North	Wye Service	3	0.000	2	0	0.000	
7921 E CLAY									
37	203.3	Joint	Offset	3	0.010	20	0	0.010	
38	212.1	Joint	Offset	3	0.010	20	0	0.010	
39	212.1	Invert	Broken Pipe	1	0.004	30	0	0.004	
40	215.3	Crown	Broken Pipe	4	0.030	78	0	0.030	
41	218.2	Joint	Offset	3	0.010	20	0	0.010	
42	224.3	Upper Right	Broken Pipe	3	0.010	60	0	0.010	
43	229.4	DS Manhole		1	0.000	0	0	0.000	

# Television Inspection Master Report

8/16/2007  
8:06 AM

**US Structure:** 5946-264      7910 E WATSON ST      **Date Insp:** 2/2/2007      **Basin:** E01G1  
**DS Structure:** 5946-263      7921 E WATSON ST      **Dir Televised:** Upstream To Downstream

## Pipe Information

Shape: Round      Length Status:      Project No.: G-222  
Dia/Ht Width: 8 0      Material: VCP      Index:  
Length: 326.3      Slope: 1.003      Surface:

## Inspection Information

Crew: 692      Percent Full:      Tape ID: DVD #0242  
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	5946-264	1		0.000	0	0	0.000
	CO-4. H2S-O. 02-20.5. LEL-0									
2		17.8	Crown	Broken Pipe	2		0.008	44	0	0.008
3		20.0	Crown	Broken Pipe	3		0.010	60	0	0.010
4		22.5	Joint	Offset	3		0.010	20	0	0.010
5		58.8	Joint	Roots	1		0.002	1	1	0.002
6		176.1	Joint	Roots	1		0.002	1	1	0.002
7		179.2	Joint	Roots	1		0.002	1	1	0.002
8		188.2	Joint	Roots	2		0.004	2	4	0.004
9		191.0	Joint	Roots	2		0.004	2	4	0.004
10		194.1	Joint	Roots	1		0.002	1	1	0.002
11		197.0	Joint	Roots	1		0.002	1	1	0.002
12		202.8	Joint	Roots	1		0.002	1	1	0.002
13		211.9	Joint	Roots	2		0.004	2	4	0.004
14		217.8	Joint	Roots	1		0.002	1	1	0.002
15		232.9	Joint	Roots	1		0.002	1	1	0.002
16		242.2	Joint	Roots	2		0.004	2	4	0.004
17		245.0	Joint	Roots	1		0.002	1	1	0.002
18		246.1	West	Break-In Conn	2		0.002	0	0	0.002
	7921 E WASTON ROOTS									
20		247.5	Joint	Offset	2		0.000	0	0	0.000
21		259.7	Joint	Offset	2		0.000	0	0	0.000
22		265.9	Joint	Offset	2		0.000	0	0	0.000
23		298.5	Joint	Offset	2		0.000	0	0	0.000
24		301.6	Joint	Offset	2		0.000	0	0	0.000
25		304.7	Upper Right	Broken Pipe	3		0.010	60	0	0.010
26		314.2	Invert	Broken Pipe	4		0.030	78	0	0.030
	Camera bumps over something in the invert / probably an offset joint here, but not sure									
27		317.6	Crown	Broken Pipe	4		0.030	78	0	0.030
28		319.7	DS Manhole	5946-263	1		0.000	0	0	0.000

There is a drop into the manhole, but the camera does not look downward to show.

**14-10**

# Television Inspection Master Report

8/16/2007  
8:06 AM

US Structure: 5946-263      7921 E WATSON ST      Date Insp: 2/5/2007      Basin: E01G1  
DS Structure: 5946-262      7920 E LINCOLN ST      Dir Televised: Upstream To Downstream

## Pipe Information

Shape: Round      Length Status:      Project No.: G-222  
Dia/Ht Width: 8      Material: VCP      Index:  
Length: 137.7      Slope: 2.012      Surface:

## Inspection Information

Crew: 692      Percent Full:      Tape ID: DVD #0244  
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	5946-263	1		0.000	0	0	0.000
2		0.0	Joint	Offset	2		0.000	0	0	0.000
3		9.1	Joint	Offset	2		0.000	0	0	0.000
4		12.3	Joint	Offset	2		0.000	0	0	0.000
5		15.3	Joint	Offset	2		0.000	0	0	0.000
6		21.2	Joint	Offset	2		0.000	0	0	0.000
7		30.2	Joint	Offset	2		0.000	0	0	0.000
8		33.3	Joint	Offset	2		0.000	0	0	0.000
9		36.2	Joint	Roots	1		0.002	1	1	0.002
10		36.2	Joint	Offset	3		0.010	20	0	0.010
11		39.3	Joint	Roots	1		0.002	1	1	0.002
12		39.3	Joint	Offset	2		0.000	0	0	0.000
13		45.4	Joint	Roots	1		0.002	1	1	0.002
14		45.4	Joint	Offset	2		0.000	0	0	0.000
15		54.6	Joint	Roots	1		0.002	1	1	0.002
16		57.6		Crack-Horizontal	2		0.002	2	0	0.002
17		60.7	Joint	Roots	1		0.002	1	1	0.002
18		60.7	Joint	Offset	2		0.000	0	0	0.000
19		66.5	Crown	Broken Pipe	3		0.010	60	0	0.010
20		75.6	Joint	Offset	2		0.000	0	0	0.000
22		79.6	West	Break-In Conn	1		0.001	0	0	0.001
7920 E LINCOLN / PVC / roots										
23		96.4	Joint	Roots	2		0.004	2	4	0.004
24		99.7	Joint	Roots	1		0.002	1	1	0.002
25		111.0		Debris	1		0.000	0	0	0.000
26		123.7	Joint	Roots	1		0.002	1	1	0.002
27		123.7	Invert	Broken Pipe	3		0.010	60	0	0.010
28		126.9		Crack-Horizontal	1		0.001	1	0	0.001
29		132.6		Debris	1		0.000	0	0	0.000
30		132.9	Joint	Offset	2		0.000	0	0	0.000
31		136.7	DS Manhole	5946-262	1		0.000	0	0	0.000