

Riverside

MH 5448-457  
Approx. MH depth = 5.9 ft

MH 5448-454  
Approx. MH depth = 6.0 ft

MH 5448-458  
Approx. MH depth = 4.8

1201 W.  
Riverside

246'

264'

1117

145'

MH 5448-452  
921 N. Spaulding  
Approx. MH depth = 7.1

921

Install 510 lf of 8" Cured-in-Place Liner  
from MH 5448-457 to MH 5448-452

262'

901 Gilman

Spaulding

Carter

Install 739 lf of 8" Cured-in-Place Liner  
from MH 5448-458 to MH 5448-447

1102

Franklin

MH 5448-450  
Approx. MH depth = 6.0

1207 W.  
Franklin

332'

875

Buffum

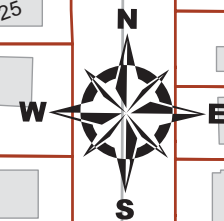
Gilman

MH 5448-447  
Approx. MH depth = 8.3 ft

848

825

336'



**SITE 11**

W RIVERSIDE AVE

1201

939

N BUFFUM AVE

N GILMAN AVE

1118

N SPAULDING AVE

W FRANKLIN AVE

875



848

825

## Video Inspection Master Report

5/10/2012  
9:15 AM

US Structure: 5448-457      924 N BUFFUM AVE      Date Insp: 3/28/2012      Basin: C03E  
 DS Structure: 5448-454      915 N GILMAN AVE      Dir Televised:      Upstream To Downstream

**Pipe Information**

Shape: Round      Length Status: VCP      Project No. : B-215  
 Dia/Ht: 8      Material:      Index:  
 Length: 246.5      Slope: 0.400      Surface:

Obs. #	VTR Counter	Distance	Location	Description	Rating	Ratings		
						Obsrvd (gpm)	Est. (gpm)	Struct Clean Remain (gpm)
1	924 N BUFFUM	0.0		Roots	1			
2		7.8	Possible old flushing hole	Wye Service?	1			
3		11.2		Sealed Off Wye	1			
4		31.9		Sealed Off Wye	1			
5		54.2	1221 W RIVERSIDE	PVC Break-In Conn	1			
6		56.1		Crack-Radial	2			
7		68.6		Mat. Chngs to PVC	1			
8		69.8	924 N BUFFUM	PVC Break-In Conn	1			
9		71.8		Mat. Chngs back to VCP	1			
10		76.6	cracks all around the OH	Observation Hole	3			
11		79.8	1219 W RIVERSIDE	PVC Break-In Conn	2			
12		102.2		Roots	1			
13		103.5		Sealed Off Wye	1			
14		105.2		Roots	1			
15		120.9		Roots	1			
16		123.8		Crack-Radial	2			
17		130.6		Sealed Off Wye	1			
18		131.8		Roots	1			
19		131.8		Crack-Radial	1			
20		136.8		Roots	1			
21		155.4		Sealed Off Wye	1			
22		160.0		Crack-Horizontal	1			
23		163.0		Observation Hole	1			
24		165.4		Roots	1			
25		167.8		Roots	1			
26		170.8		Roots	1			
27		175.9		Roots	1			
28		179.6		Sealed Off Wye	1			
29		183.5		Roots	1			
30		188.2	1201 W RIVERSIDE?	Wye Service	1			
31		205.7	1201 W RIVERSIDE (looks active)	Wye Service	1			
32		231.6		Sealed Off Wye	1			
33		235.8		Crack-Radial	2			
34		246.5	5448-454	DS Manhole	1			

## Video Inspection Master Report

5/10/2012  
9:15 AM

US Structure: 5448-454      915 N GILMAN AVE      Date Insp: 3/28/2012      Basin: C03E  
 DS Structure: 5448-452      921 N SPAULDING ST      Dir Televised: Upstream To Downstream

### Pipe Information

Shape: Round      Length Status:      Project No. : B-214  
 Dia/Ht: 8      Material: VCP      Index:      Surface:  
 Length: 264.5      Slope: 0.102

Obs. #	VTR Counter	Distance	Location	Description	Rating	Ratings		
						Obsrvd (gpm)	Est. (gpm)	Struct Clean Remain (gpm)
1		0.0	5448-454	US Manhole	1			
2		10.4		Crack-Radial	2			
3		11.9		Sealed Off Wye	1			
4		15.6		Crack-Radial	2			
5		23.1		Crack-Radial	2			
6		36.1		Sealed Off Wye	2			
7		39.0		Crack-Radial	4			
8		53.9		Crack-Radial	3			
9		61.6		Crack-Radial	2			
10		67.3		Crack-Radial	2			
11		82.0		Internal CIPP sleeve begins	1			
12		85.3		Internal CIPP sleeve ends	1			
13		92.5		Crack-Radial	2			
14		133.0		Crack-Radial	2			
15		138.1		Crack-Radial	3			
16		150.9		Sealed Off Wye	3			
17		163.3		Crack-Radial	2			
18		173.8		Mat. Chngs to PVC	1			
19		175.2	924 N GILMAN	PVC Break-In Conn	1			
20		182.1		Mat. Chngs to VCP	1			
21		189.0		Roots	1			
22		194.1		Roots	1			
23		201.6	1123 W RIVERSIDE	Wye Service / roots inside	5			
24		217.1		Roots	1			
25		222.8		Crack-Radial	2			
26		224.2		Sealed Off Wye	1			
27		232.8		Roots	2			
28		246.4	1119 W RIVERSIDE	Wye Service / roots inside	5			
29		251.4		Crack-Radial	3			
30		264.6		DS Manhole	1		Lots of roots at joints	

## Video Inspection Master Report

5/10/2012  
9:15 AM

US Structure: 5448-458      1117 W RIVERSIDE AVE      Date Insp: 3/28/2012      Basin: C03E  
 DS Structure: 5448-452      921 N SPAULDING ST      Dir Televised:      Upstream To Downstream

### Pipe Information

Shape: Round      Length Status: VCP      Project No. : B-214  
 Dia/Ht: 8      Material:      Index:  
 Length: 146.1      Slope: 0.004      Surface:

Obs. #	VTR	Counter	Distance	Location	Description	Rating	Ratings		
							Obsrvd (gpm)	Est. (gpm)	Struct Clean
1			0.0		5448-458 US Manhole	1			
2			9.5		Sealed Off Wye	1			
3			29.7		Sealed Off Wye	1			
4			42.8	939 N SPAULDING	Break-In Conn	1			
5			50.7		Crack-Radial	2			
6			52.5		Sealed Off Wye	1			
7			56.4	hole in side of pipe / ok to line	Broken Pipe	5			
8			60.2		Sealed Off Wye	1			
9			66.4		Crack-Radial	1			
10			73.7		Crack-Radial	2			
11			77.8		Sealed Off Wye	1			
12			84.0	937 N SPAULDING	PVC Break-In Conn	1			
13			88.6		Crack-Radial	3			
14			93.8		Crack-Radial	2			
15			105.2	937 N SPAULDING	Wye Service	1			
16			125.8		Mat. Chngs to PVC	1			
17			126.7	921 N SPAULDING	PVC Break-In Conn	1			
18			128.9		Mat. Chngs to VCP	1			
19			133.2		Crack-Radial	4			
20			143.9	5448-452	DS Manhole	1			

## Video Inspection Master Report

5/10/2012  
9:15 AM

**US Structure:** 5448-452      **921 N SPAULDING ST**      **Date Insp:** 4/10/2012      **Basin:** C03E  
**DS Structure:** 5448-450      **1118 W FRANKLIN ST**      **Dir Televised:** Upstream To Downstream

**Pipe Information**

Shape: Round	Length Status: VCP	Project No. : B-214
Dia/Ht: 8	Material: VCP	Index:
Length: 262.1	Slope: 0.400	Surface:

Obs. #	VTR Counter	Distance	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct Clean	Remain (gpm)
1		0.0		5448-452 US Manhole	1				
2		22.2		Sealed Off Wye	1				
3		23.2		Crack-Radial	2				
4		24.7		Sealed Off Wye	1				
5		28.7		Crack-Radial	2				
6		30.6		Crack-Radial	1				
7		33.0		Crack-Radial	2				
8		35.5		Crack-Radial	2				
9		40.3	920 N GILMAN	Break-In Conn	1				
10		40.6		Crack-Radial	2				
11		42.9		Roots	2				
12		45.0		Roots	2				
13		47.9		Mat. Chngs to PVC	2				
14		49.0	916 N GILMAN	PVC Break-In Conn	3				
15		51.1	919 N SPULDING	PVC Break-In Conn	3				
16		51.8		Mat. Chngs to VCP	1				
17		53.0		Roots	2				
18		53.7		Crack-Radial	2				
19		56.0		Roots	2				
20		57.2		Crack-Radial	3				
21		60.9		Roots	2				
22		66.0		Roots	1				
23		71.2		Roots	1				
24		75.1		Sealed Off Wye	1				
25		77.5		Sealed Off Wye	1				
26		78.4		Crack-Radial	2				
27		81.0		Crack-Radial	1				
28		86.2		Crack-Radial	3				
29		91.2		Crack-Radial	3				
30		98.6		Crack-Radial	3				
31		100.3		Sealed Off Wye	1				
32		101.9	914 N GILMAN	Wye Service	1			Lots of roots not called out on the log.	

## Video Inspection Master Report

5/10/2012  
9:15 AM

US Structure: 5448-452      921 N SPAULDING ST      Date Insp: 4/10/2012      Basin: C03E  
 DS Structure: 5448-450      1118 W FRANKLIN ST      Dir Televised:      Upstream To Downstream

33	104.2		Broken Pipe	3		
34	105.9		Crack-Radial	3		
35	108.8		Crack-Radial	3		
36	113.8		Crack-Radial	3		
37	115.4	905 N SPAULDING / full of roots	Wye Service	1		
38	116.4		Crack-Radial	3		
39	118.6		Crack-Radial	1		
40	123.0		Sealed Off Wye	1		
41	125.4		Sealed Off Wye	1		
42	141.8		Observation Hole	1		
43	144.1		Crack-Radial	1		
44	148.2		Sealed Off Wye	1		
45	149.1		Crack-Radial	3		
46	150.5	908 N GILMAN	Wye Service	1		
47	151.8		Crack-Horizontal	2		
48	156.7		Crack-Radial	2		
49	159.6		Crack-Radial	2		
50	169.5		Crack-Radial	3		
51	173.7		Sealed Off Wye	1		
52	176.1		Sealed Off Wye	1		
53	182.3		Crack-Radial	2		
54	187.2		Crack-Radial	2		
55	194.7		Crack-Radial	3		
56	196.4		Sealed Off Wye	1		
57	198.9		Sealed Off Wye	1		
58	202.3	1124 W FRANKLIN	Break-In Conn	1		
59	213.6		Mat. Chngs to	1		
60	214.5	901 N SPAULDING	Break-In Conn	1		
61	217.5	1118 W FRANKLIN	Break-In Conn	1		
62	219.1		Mat. Chngs to	1		
63	219.9		Crack-Radial	3		
64	225.1	1104 W FRANKLIN	Break-In Conn	1		
65	226.9		Sealed Off Wye	1		
66	230.7		Crack-Radial	3		
67	243.3		Crack-Radial	1		
68	249.5		Sealed Off Wye	1		
69	251.9		Sealed Off Wye	1		
70	255.5		Crack-Radial	2		
71	261.3	5448-450	DS Manhole	1		Lots of roots not called out on the log.

## Video Inspection Master Report

5/10/2012  
9:15 AM

US Structure: 5448-450      1118 W FRANKLIN ST      Date Insp: 4/11/2012      Basin: C03E  
 DS Structure: 5448-447      831 N SPAULDING AVE      Dir Televised:      Upstream To Downstream

### Pipe Information

Shape: Round      Length Status:      Project No. : B-214  
 Dia/Ht: 8      Material: VCP      Index:      DVD #0706  
 Length: 312.4      Slope: 0.002

Obs. #	VTR	Counter	Distance	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Struct Clean	Remain (gpm)
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1			0.0		5448-450 US Manhole	1				
2			0.0 to 6:7		There is a 6 foot CIPP sleeve installed here, covering a cavity.					

3			8.9		Crack-Radial	4				
4			11.7		Broken Pipe	3				
5			15.2		Sag	1				
6			18.8		Sag	5				
7			29.2		Sag	1				
8			29.2		Sag	1				
9			32.3		Crack-Radial	3				
10			42.3		Crack-Radial	2				
11			47.6		Crack-Radial	2				
12			57.5		Crack-Radial	3				
13			60.0		Crack-Radial	1				
14			66.2	1119 W FRANKLIN	Break-In Conn	1				
15			75.3	875 N SPULDING	Break-In Conn	1				
16			97.2		Sealed Off Wye	1				
17			99.5		Sealed Off Wye	1				
18			103.7		Observation Hole	1				
19			118.6	870 N GILMAN	Break-In Conn	1				
20			122.8		Sealed Off Wye	1				
21			125.4	867 N SPAULDING	Wye Service	1				
22			129.4	867 N SPAULDING	Break-In Conn	1				
23			147.6	866 N GILMAN	Wye Service	5				
24			150.2		Sealed Off Wye	1				
25			155.6	863 N SPAULDING	Break-In Conn	1				
26			168.8	863 N SPAULDING	Break-In Conn	2				
27			171.6		Sealed Off Wye	1				
28			174.3		Sealed Off Wye	1				
29			194.1	856 N GILMAN	Break-In Conn	3				
30			199.7		Sealed Off Wye	1				
31			202.5		Sealed Off Wye	1				
32			218.9		Observation Hole	1				

## Video Inspection Master Report

5/10/2012  
9:15 AM

US Structure: 5448-450      1118 W FRANKLIN ST      Date Insp: 4/11/2012      Basin: C03E  
 DS Structure: 5448-447      831 N SPAULDING AVE      Dir Televised:      Upstream To Downstream

33	223.9	850 N GILMAN	Wye Service	1
34	226.8	835 N SPAULDING	Wye Service	1
35	250.3		Sealed Off Wye	1
36	251.7	831 N SPAULDING	Wye Service	1
37	261.5		Crack-Radial	4
38	270.4		Sealed Off Wye	1
39	273.1		Sealed Off Wye	1
40	298.6		Sealed Off Wye	1
41	300.4	848 N GILMAN	Break-In Conn	1
42	300.9		Sealed Off Wye	1
43	326.4	848 N GILMAN	Wye Service	5
44	328.9	825 N SPAULDING	Wye Service	2
45	332.1		5448-447 DS Manhole	1