

MH 5348-176  
Approx. MH depth = 7.5 ft

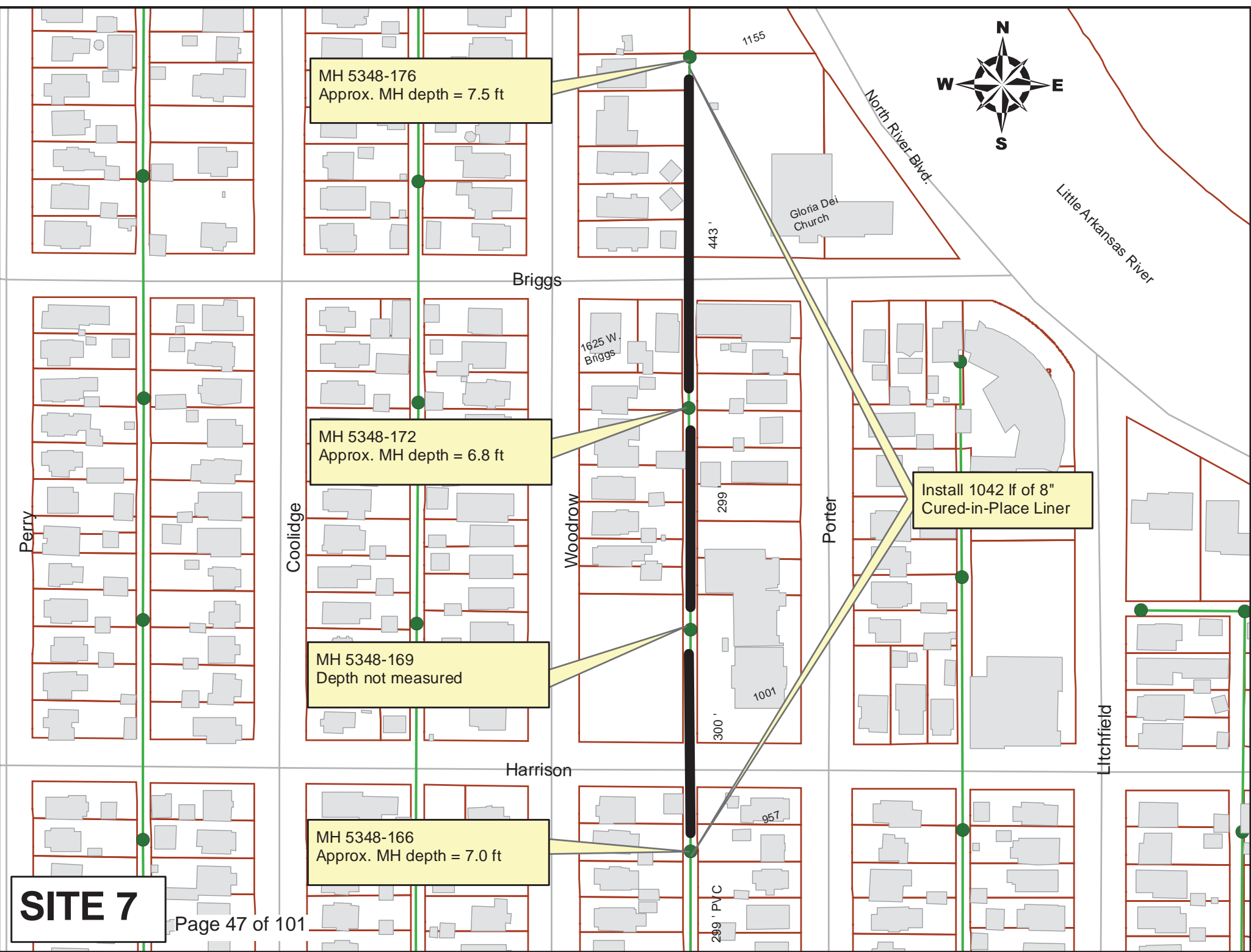
MH 5348-172  
Approx. MH depth = 6.8 ft

MH 5348-169  
Depth not measured

MH 5348-166  
Approx. MH depth = 7.0 ft

Install 1042 lf of 8" Cured-in-Place Liner

**SITE 7**





Gloria Dei Church

1612

W BRIGGS AVE

W RIVER BLVD

W RIVER BLVD

N COOLIDGE AVE

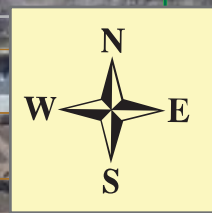
N WOODROW AVE

N PORTER AVE

N LITCHFIELD AVE

1001

W HARRISON AVE





City of Wichita  
Sewer Maintenance Division  
715 W. Harry  
Wichita, KS 67213  
(316) 268-4024

### Pipe Information

US Manhole		DS Manhole		Basin	
5348-176		5348-172			
Shape	Dia/HT	Width	Length	Pipe Sec Length	Length Status
Round	8				TV Inspections
Material	Liner	Slope	Project Number	Index	Surface
VCP	N/A		WO# 10-007119		Rear Easement
Pipe Comment					

### Inspection Information

Date Inspected	Crew	Weather	Surface Condition	Dyed Test	% Full
5/26/2010	690	Sunny	N/A	No	
Purpose	Flow	Direction	Tape ID	Start	Stop
TV Existing Line	Normal Flow	Downstream	DVD #0585		

#### Inspection Comment

TANK MANHOLE IS NOT IN PARKING LOT OF 1155 N WOODROW, IT IS ON THE EAST SIDE OF THE FENCE AT 1126 N WOODROW, 86 FEET CONNECTION NEEDS REPAIR, 372 FEET CONNECTION NEEDS REPAIR, 407 FEET CONNECTION NEEDS REPAIR, 422 FEET CONNECTION NEEDS REPAIR, 437 FEET CRACK-RADIAL NEEDS REPAIR, NO MANHOLES BETWEEN STATIONS 176 AND 172 LINE NEEDS TO BE KNIFED.

### Maintenance Prior to TV

Cleaned	Root Cut	Degrease	Root Chem	Point Repair	MH Replaced	Other
No	No	No	No	No	No	

Fig. Description

Svc Address

Location

Position

Comment

0.0	Offset								
8.6	Wye Service	1126 N WOODROW				9 to 3			
60.3	Break-In Conn	1101 N RIVER BLVD				3			
66.4	Wye Service					3			
84.2	Break-In Conn	PVC - 1120 N WOODROW				9			
86.6	Break-In Conn	1120 N WOODROW				9			
96.6	Wye Service	1110 N WOODROW				9			
173.7	Offset					9 to 3			
173.7	Crack-Radial					8 to 10			
174.9	Wye Service					11 to 1			SEALED OFF
182.1	Wye Service	1106 N WOODROW				9			ROOTS
185.6	Wye Service	1101 N RIVER BLVD				3			
210.2	Wye Service					9			SEALED OFF
212.0	Break-In Conn	PVC 1101 N RIVER BLVD				3			
212.7	Crack-Horizontal					1 to 3			ROOTS
212.7	Break-In Conn	1612 W BRIGGS				9			
223.8	Crack-Radial					7 to 1			
228.8	Crack-Horizontal					7 to 8			
231.1	Crack-Radial					7 to 11			
233.7	Crack-Radial					1 to 5			
235.4	Wye Service					9			SEALED OFF
237.8	Wye Service					3			SEALED OFF

mid new 174' may be newer pipe north



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Sewer Maintenance Division  
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Wichita, KS 67213  
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Pipe Information

US Manhole 5348-176 DS Manhole 5348-172 Basin

Shape Round Dia/HT 8 Width Length Pipe Sec Length Length Status  
TV Inspections

Material VCP Liner N/A Slope Project Number Index Surface  
W/O# 10-007119 Rear Easement

Pipe Comment

Inspection Information

Date Inspected 5/26/2010 Crew 690 Weather Sunny Surface Condition N/A Dyed Test No % Full

Purpose TV Existing Line Flow Normal Flow Direction Downstream Tape ID DVD #0585 Start Stop

Inspection Comment

TANK MANHOLE IS NOT IN PARKING LOT OF 1155 N WOODROW. IT IS ON THE EAST SIDE OF THE FENCE AT 1126 N WOODROW. 86 FEET CONNECTION NEEDS REPAIR, 372 FEET CONNECTION NEEDS REPAIR, 407 FEET CONNECTION NEEDS REPAIR, 422 FEET CONNECTION NEEDS REPAIR, 437 FEET CRACK-RADIAL NEEDS REPAIR. NO MANHOLES BETWEEN STATIONS. 176 AND 172 LINE NEEDS TO BE KNIFED.

Maintenance Prior to TV

Cleaned  Root Cut  Degrease  Root Chem  Point Repair  MH Replaced  Other

Sta. Description  
240.0 Observation Hole

Svc Address  
OH 11d is vented - needs sealed

Location  
11 to 2

Sta	Description	Svc Address	Location	Position	Comment
240.0	Observation Hole	OH 11d is vented - needs sealed	11 to 2	11 to 2	
246.3	Crack-Radial			7 to 11	
248.7	Crack-Horizontal			7 to 5	
249.1	Crack-Radial			6 to 6	
251.0	Crack-Radial			6 to 11	
258.7	Crack-Radial			11 to 5	
261.2	Crack-Radial			10 to 3	
273.7	Crack-Radial			11 to 5	
278.5	Roots			4 to 5	
281.1	Roots			6 to 8	
283.6	Roots			6 to 9	
286.1	Roots			6 to 9	
288.7	Roots			6 to 9	
291.3	Roots			7 to 9	
294.0	Roots			7 to 9	
296.5	Roots			3 to 6	
299.3	Roots			6 to 9	
301.7	Roots			7 to 9	
304.3	Roots			7 to 9	
306.9	Roots			6 to 9	
309.7	Roots			7 to 10	
312.2	Roots			7 to 10	
314.8	Roots			7 to 9	
319.4	Wye Service			9	SEALED OFF
321.8	Wye Service			3	SEALED OFF
330.2	Break-In Conn	1617 W BRIGGS		3	SEALED OFF
331.2	Crack-Radial			3 to 6	ROOTS
333.1	Crack-Radial			8 to 4	
335.8	Crack-Radial			3 to 6	
338.2	Crack-Radial			6 to 9	
340.6	Crack-Horizontal			4 to 8	
341.5	Observation Hole			10 to 2	
345.2	Wye Service			9	SEALED OFF





# Television Inspection Master Report

8/16/2010  
1:35 PM

US Structure: 5348-172      1047 N PORTER ST      Date Insp: 5/27/2010      Basin: C03E  
 DS Structure: 5348-169      1001 N PORTER ST      Dir Televised:      Upstream To Downstream

**Pipe Information**  
 Project No.: B-220      Dia/Ht: 8      Material: VCP      Length: 299.5      Slope: 0.400      Tape ID: DVD #0585

Obs. #	VTR	Counter	Distance	Location	Description	Rating	Obsrvd (gpm)	Ratings				
								Est. (gpm)	Struct	Clean	Remain (gpm)	
1			0.0		5348-172 US Manhole							
2			1.1		Broken Pipe / invert	4	0.030	78	0	0.030		
3			1.5	Joint	Offset	3	0.010	20	0	0.010		
4			3.1		Wye Service	1	0.000	0	0	0.000		
5			5.9		Wye Service	1	0.000	0	0	0.000		
6			6.7		Crack-Radial	2	0.002	2	0	0.002		
7			11.9		Crack-Radial	2	0.002	2	0	0.002		
8			22.1		Crack-Radial	2	0.002	2	0	0.002		
9			27.8		Crack-Horizontal	2	0.002	2	0	0.002		
10			29.2		Wye Service	1	0.000	0	0	0.000		
11			30.1		Crack-Radial	2	0.002	2	0	0.002		
12			31.6	1033 N PORTER	Wye Service	1	0.000	0	0	0.000		
13			35.2		Crack-Radial	2	0.002	2	0	0.002		
14			37.7		Crack-Radial	2	0.002	2	0	0.002		
15			40.3		Crack-Radial	2	0.002	2	0	0.002		
16			42.9		Crack-Radial	2	0.002	2	0	0.002		
17			45.6		Crack-Radial	2	0.002	2	0	0.002		
18			51.3		Crack-Radial	2	0.002	2	0	0.002		
19			53.3		Crack-Radial	2	0.002	2	0	0.002		
20			55.0	1042 N WOODROW	Wye Service	1	0.000	0	0	0.000		
21			57.4		Wye Service	1	0.000	0	0	0.000		
22			58.2		Crack-Radial	2	0.002	2	0	0.002		
23			60.9		Crack-Radial	2	0.002	2	0	0.002		
24			71.3		Crack-Radial	3	0.004	5	0	0.004		
25			74.1		Crack-Radial	2	0.002	2	0	0.002		
26			74.1		Roots	2	0.004	2	4	0.004		
27			76.4		Roots	0	0.000	0	0	0.000		
28			76.4		Crack-Radial	3	0.004	5	0	0.004		
29			79.1		Roots	2	0.004	2	4	0.004		
30			79.3		Crack-Radial	2	0.002	2	0	0.002		
31			80.8		Wye Service	1	0.000	0	0	0.000		
32			81.6		Roots	3	0.008	5	8	0.008		
33			81.6		Crack-Radial	2	0.002	2	0	0.002		
34			82.0		Crack-Horizontal	2	0.002	2	0	0.002		
35			83.2		Wye Service	1	0.000	0	0	0.000		
36			84.1		Roots	3	0.008	5	8	0.008		
37			84.2		Crack-Radial	2	0.002	2	0	0.002		



# Television Inspection Master Report

8/16/2010  
1:35 PM

US Structure:	5348-172	1047 N PORTER ST	Date Insp:	5/27/2010	Basin:	C03E	
DS Structure:	5348-169	1001 N PORTER ST	Dir Televised:	Upstream To Downstream			
38	86.6		Roots	3	5	8	0.008
39	86.6		Crack-Radial	2	2	0	0.002
40	89.3		Roots	3	5	8	0.008
41	91.8		Roots	3	5	8	0.008
42	97.3		Crack-Radial	3	5	0	0.004
43	97.9		Observation Hole	1	0	0	0.000
44	99.7		Crack-Radial	3	5	0	0.004
45	102.5		Crack-Radial	3	5	0	0.004
46	105.2		Crack-Radial	2	2	0	0.002
47	105.9	1040 N WOODROW	Break-In Conn	4	60	0	0.008
48	107.7		Crack-Radial	2	2	0	0.002
49	109.2	1031 N PORTER	Wye Service	1	0	0	0.000
50	110.0		Crack-Radial	2	2	0	0.002
51	112.7		Crack-Radial	2	2	0	0.002
52	115.3		Roots	2	2	4	0.004
53	117.9		Roots	3	5	8	0.008
54	123.4		Crack-Radial	2	2	0	0.002
55	126.0		Crack-Horizontal	2	2	0	0.002
56	131.0		Crack-Horizontal	2	2	0	0.002
57	132.6		Wye Service	1	0	0	0.000
58	133.7		Crack-Radial	2	2	0	0.002
59	135.1		Wye Service	3	2	0	0.000
60	135.1	1038 N WOODROW	Wye Service	3	2	0	0.000
61	136.0		Crack-Radial	2	2	0	0.002
62	136.9	1029 N PORTER	Break-In Conn	3	2	0	0.004
63	138.7		Crack-Radial	2	2	0	0.002
64	146.4		Crack-Radial	2	2	0	0.002
65	151.8		Crack-Radial	2	2	0	0.002
66	154.4		Crack-Radial	2	2	0	0.002
67	157.0		Crack-Horizontal	2	2	0	0.002
68	158.5		Wye Service	1	0	0	0.000
69	159.6		Crack-Radial	2	2	0	0.002
70	161.0	1029 N PORTER	Wye Service	2	0	0	0.000
71	161.9		Crack-Radial	2	2	0	0.002
72	161.9		Roots	2	2	4	0.004
73	169.8		Crack-Radial	2	2	0	0.002
74	175.0		Roots	3	5	8	0.008
75	180.1		Roots	3	5	8	0.008
76	182.7		Roots	3	5	8	0.008
77	184.3		Wye Service	1	0	0	0.000
78	186.8		Wye Service	1	0	0	0.000
79	188.1		Sag	3	5	0	0.000
80	192.6		Sag	1	1	0	0.000
81	193.1		Crack-Radial	2	2	0	0.002



# Television Inspection Master Report

8/16/2010  
1:35 PM

US Structure: 5348-172      1047 N PORTER ST      Date Insp: 5/27/2010      Basin: C03E  
 DS Structure: 5348-169      1001 N PORTER ST      Dir Televised:      Upstream To Downstream

82	195.8		Crack-Horizontal	2	0.002	2	0	0.002
83	196.4		Observation Hole	2	0.000	0	0	0.000
84	196.4		Crack-Radial	2	0.002	2	0	0.002
85	202.1	1030 N WOODROW	Break-In Conn	3	0.004	2	0	0.004
86	203.4		Crack-Radial	2	0.002	2	0	0.002
87	205.9		Crack-Radial	2	0.002	2	0	0.002
88	208.6		Broken Pipe	3	0.010	60	0	0.010
89	210.2		Wye Service	1	0.000	0	0	0.000
90	211.2		Crack-Radial	2	0.002	2	0	0.002
91	212.0	1027 N PORTER	Break-In Conn	4	0.008	60	0	0.008
92	213.7		Sag	3	0.000	5	0	0.000
93	213.8		Crack-Radial	2	0.002	2	0	0.002
94	216.2		Crack-Radial	2	0.002	2	0	0.002
95	216.9		Sag	1	0.000	1	0	0.000
96	218.8		Crack-Radial	2	0.002	2	0	0.002
97	221.5		Crack-Radial	2	0.002	2	0	0.002
98	223.9		Crack-Radial	3	0.004	5	0	0.004
99	226.8		Crack-Radial	2	0.002	2	0	0.002
100	228.1	1001 N PORTER	Break-In Conn	1	0.001	0	0	0.001
101	229.3		Crack-Radial	2	0.002	2	0	0.002
102	231.9		Crack-Radial	3	0.004	5	0	0.004
103	233.4		Wye Service	1	0.000	0	0	0.000
104	233.6	1026 N WOODROW	Break-In Conn	4	0.008	60	0	0.008
105	234.3		Crack-Radial	2	0.002	2	0	0.002
106	236.1		Wye Service	1	0.000	0	0	0.000
107	242.0		Crack-Radial	2	0.002	2	0	0.002
108	244.8		Crack-Radial	2	0.002	2	0	0.002
109	247.4		Crack-Radial	3	0.004	5	0	0.004
110	249.8		Crack-Radial	3	0.004	5	0	0.004
111	252.3		Crack-Radial	3	0.004	5	0	0.004
112	255.1		Crack-Radial	2	0.002	2	0	0.002
113	259.4		Wye Service	1	0.000	0	0	0.000
114	260.3		Crack-Radial	2	0.002	2	0	0.002
115	261.8		Wye Service	1	0.000	0	0	0.000
116	262.8		Crack-Radial	2	0.002	2	0	0.002
117	270.6		Crack-Radial	2	0.002	2	0	0.002
121	283.8		Crack-Radial	2	0.002	2	0	0.002
122	285.3		Wye Service	1	0.000	0	0	0.000
123	286.4		Crack-Radial	2	0.002	2	0	0.002
124	287.8		Wye Service	1	0.000	0	0	0.000
125	288.8		Broken Pipe	3	0.010	60	0	0.010
126	298.6	5348-169	DS Manhole					



# Television Inspection Master Report

8/16/2010  
1:35 PM

US Structure: 5348-169      1001 N PORTER ST      Date Insp: 5/27/2010      Basin: C03E  
 DS Structure: 5348-166      956 N WOODROW ST      Dir Televised: Downstream To Upstream

## Pipe Information

Project No. : B-220      Dia/Ht: 8      Material: VCP      Length: 300.9      Slope: 0.001      Tape ID: DVD #0585

Obs. #	VTR	Counter	Distance	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings		
									Struct	Clean	Remain (gpm)
1			0.0	tv against the flow	5348-166 DS Manhole						
2			6.8	951 N PORTER	Wye Service	0	0.000	0	0	0.000	
3			7.8	956 N WOODROW	Break-In Conn	3	0.004	2	0	0.004	
4			30.8	957 N PORTER	Break-In Conn	2	0.002	0	0	0.002	
5			33.2	960 N WOODROW	Wye Service / full of roots	2	0.000	0	0	0.000	
6			56.5		Wye Service	1	0.000	0	0	0.000	
7			59.0		Wye Service	1	0.000	0	0	0.000	
8			97.3		Observation Hole	1	0.000	0	0	0.000	
9			100.3		Broken Pipe	3	0.010	60	0	0.010	
10			149.9		Crack-Radial	2	0.002	2	0	0.002	
11			149.9	Joint	Offset	3	0.010	20	0	0.010	
12			152.7		Wye Service	1	0.000	0	0	0.000	
13			152.7		Wye Service	1	0.000	0	0	0.000	
14			155.2		Wye Service	1	0.000	0	0	0.000	
15			175.7		Crack-Radial	2	0.002	2	0	0.002	
16			175.8	Joint	Offset	3	0.010	20	0	0.010	
17			178.3	1001 N PORTER	Wye Service	1	0.000	0	0	0.000	
18			181.0		Wye Service	1	0.000	0	0	0.000	
19			198.5		Observation Hole	1	0.000	0	0	0.000	
20			203.9	1001 N PORTER	Wye Service	1	0.000	0	0	0.000	
21			206.7		Wye Service	1	0.000	0	0	0.000	
22			230.1		Wye Service	1	0.000	0	0	0.000	
23			230.2	Joint	Offset	3	0.010	20	0	0.010	
24			232.5		Wye Service	1	0.000	0	0	0.000	
25			256.0		Wye Service	1	0.000	0	0	0.000	
26			258.4		Wye Service	1	0.000	0	0	0.000	
27			282.1	1001 N PORTER	Wye Service	1	0.000	0	0	0.000	
28			284.6		Wye Service	1	0.000	0	0	0.000	
29			285.4		Debris	0	0.000	0	0	0.000	
30			299.8		5348-169 US Manhole	0	0.000	0	0	0.000	

This line isn't too bad. We won't leave a gap between CIPP and PVC to the south.