



**SITE 1**



W BURTON AVE

S ELIZABETH AVE

S MARTINSON AVE

S EXPOSITION AVE

S DODGE AVE

W MAPLE ST

W MENTOR AVE

S MARTINSON AVE

S SENECA ST





# Television Inspection Master Report

7/15/2010

7:44 AM

US Structure: 5347-463      1250 W MAPLE ST      Date Insp: 6/4/2010      Basin: C07G  
 DS Structure: 5347-460      337 S EXPOSITION AVE      Dir Televised: Downstream To Upstream

**Pipe Information**

Project No. : B-051      Dia: 10      Material: VCP      Length: 325      Slope: 0.280      Tape ID: DVD #0580

Obs. #	VTR Counter	Distance	Location	Description	Rating	Obsrvd (gpm)	Ratings			Remain (gpm)
							Est. (gpm)	Struct	Clean	
1		0.0		5347-460 / DS Manhole						
				337 SOUTH EXPOSITION / TV against the flow						
3				Broken Pipe	4	0.030	78	0	0.030	
4		16.3		Crack-Radial	3	0.004	5	0	0.004	
5		29.0		Crack-Radial	3	0.004	5	0	0.004	
6		46.9		Broken Pipe	3	0.010	60	0	0.010	
7		49.5		Broken Pipe	3	0.010	60	0	0.010	
8		57.2		Debris	3	0.000	0	0	0.000	
9		60.1		Broken Pipe	4	0.030	78	0	0.030	
10		64.9		Broken Pipe	3	0.010	60	0	0.010	
11		73.3		Broken Pipe	4	0.030	78	0	0.030	
12		75.9		Crack-Radial	4	0.008	10	0	0.008	
13		107.3		Broken Pipe	3	0.010	60	0	0.010	
14		119.7	401 SOUTH SENECA	Break-In Conn (loose brick or concrete in service line / possibly abandoned)	3	0.004	2	0	0.004	
15		143.9		Crack-Horizontal	2	0.002	2	0	0.002	
16		177.2		Crack-Radial	3	0.004	5	0	0.004	
17		180.7		Crack-Horizontal	3	0.004	5	0	0.004	
18		188.4		Crack-Radial	3	0.004	5	0	0.004	
19		198.7		Roots	3	0.008	5	8	0.008	
20		211.8		Broken Pipe	3	0.010	60	0	0.010	
21		214.3		Broken Pipe	3	0.010	60	0	0.010	
22		216.6		Roots	3	0.008	5	8	0.008	
23		219.2		Roots	3	0.008	5	8	0.008	
24		221.6		Observation Hole	2	0.000	0	0	0.000	
25		229.8		Crack-Radial	3	0.004	5	0	0.004	
26		234.8		Roots	3	0.008	5	8	0.008	
27		240.0		Roots	3	0.008	5	8	0.008	
28		250.7		Roots	3	0.008	5	8	0.008	
29		266.3		Broken Pipe	3	0.010	60	0	0.010	
30		269.4		Broken Pipe	3	0.010	60	0	0.010	
31		271.8		Broken Pipe	3	0.010	60	0	0.010	
32		297.4		Broken Pipe	3	0.010	60	0	0.010	
33		320.4		Crack-Radial	3	0.004	5	0	0.004	
34		321.3	Offset Joint	PVC begins / deflection to the left	4	0.030	60	0	0.030	
35		321.3	Stopped Inspection	deflection too severe / needs repaired prior to lining / JUST OUTSIDE OF USMH						

PVC to VCP connection is too offset for equipment to get through. MH 5347-463 is a precast manhole and may not have been set to align with the old pipe. Either the angle of the PVC needs to change, or the transition from 6' west of the manhole, to the manhole, needs to be made extremely gradual to keep the maximum diameter, to allow equipment to get through this in the future.

# Television Inspection Master Report

7/15/2010

7:44 AM

US Structure: 5347-460  
DS Structure: 5347-457

337 S EXPOSITION AVE  
344 S ELIZABETH

Date Insp: 6/3/2010  
Dir Televised:Upstream To Downstream

Basin: C07G

**Pipe Information**

Shape: Round	Length Status:	Project No. : B-051
Dia/Ht: 10	Material: VCP	Index:
Length: 334.3	Slope: 0.280	Surface: Paved Only
Crew: 694	Tape ID: DVD #0580	

Obs. #	VTR Counter	Distance	Location	Description	Rating	Obsrvd (gpm)	Ratings			Remain (gpm)
							Est. (gpm)	Struct	Clean	
1		0.0		5347-460 / US Manhole	1		0.000	0	0	0.000
337 SOUTH EXPOSITION										
2		4.5		Crack-Radial	3		0.004	5	0	0.004
3		13.1		Broken Pipe	3		0.010	60	0	0.010
4		23.9		Crack-Radial	3		0.004	5	0	0.004
5		31.1		Crack-Radial	3		0.004	5	0	0.004
6		33.6		Broken Pipe	3		0.010	60	0	0.010
7		36.8		Broken Pipe	3		0.010	60	0	0.010
8		59.9		Crack-Radial	3		0.004	5	0	0.004
9		67.6		Crack-Radial	3		0.004	5	0	0.004
10		70.7		Crack-Radial	3		0.004	5	0	0.004
11		72.9		Broken Pipe	3		0.010	60	0	0.010
12		75.8		Broken Pipe	3		0.010	60	0	0.010
13		77.9		Crack-Radial	3		0.004	5	0	0.004
14		83.1		Broken Pipe	3		0.010	60	0	0.010
15		85.8		Broken Pipe	3		0.010	60	0	0.010
16		89.1		Broken Pipe	3		0.010	60	0	0.010
17		93.6		Broken Pipe	3		0.010	60	0	0.010
18		103.8		Broken Pipe	3		0.010	60	0	0.010
19		107.0		Broken Pipe	2		0.008	44	0	0.008
20		115.6		Observation Hole	1		0.000	0	0	0.000
21		122.2		Crack-Radial	3		0.004	5	0	0.004
22		124.7		Crack-Horizontal	3		0.004	5	0	0.004
23		127.8		Crack-Horizontal	3		0.004	5	0	0.004
24		129.4		Crack-Horizontal	3		0.004	5	0	0.004
25		137.7		Broken Pipe	4		0.030	78	0	0.030
26		150.6		Crack-Radial	3		0.004	5	0	0.004
27		153.5		Broken Pipe	3		0.010	60	0	0.010
28		176.9		Broken Pipe	3		0.010	60	0	0.010
29		179.2		Crack-Radial	3		0.004	5	0	0.004
30		181.7		Broken Pipe	3		0.010	60	0	0.010
31		192.1		Crack-Radial	3		0.004	5	0	0.004
32		197.6		Crack-Radial	3		0.004	5	0	0.004
33		200.1		Broken Pipe	3		0.010	60	0	0.010

US Structure: 5347-460      337 S EXPOSITION AVE      Date Insp: 6/3/2010      Basin: C07G  
 DS Structure: 5347-457      344 S ELIZABETH      Dir Televised:Upstream To Downstream

34	208.0		Crack-Radial	0	0.000	0	0	0.000
35	210.3		Crack-Radial	2	0.002	2	0	0.002
36	213.2		Crack-Radial	3	0.004	5	0	0.004
37	216.0		Broken Pipe	3	0.010	60	0	0.010
38	217.2	Hole in side of pipe / cavity	Broken Pipe	3	0.010	60	0	0.010
39	226.3		Broken Pipe	3	0.010	60	0	0.010
40	227.4	Broken pipe around OH	Observation Hole	1	0.000	0	0	0.000
41	229.2		Crack-Radial	3	0.004	5	0	0.004
42	230.9		Crack-Radial	3	0.004	5	0	0.004
43	247.5		Crack-Radial	2	0.002	2	0	0.002
44	249.8		Crack-Radial	3	0.004	5	0	0.004
45	254.7		Broken Pipe	3	0.010	60	0	0.010
46	299.2		Broken Pipe	3	0.010	60	0	0.010
47	314.6		Broken Pipe	3	0.010	60	0	0.010
48	322.5		Broken Pipe	3	0.010	60	0	0.010
49	330.5		Broken Pipe	3	0.010	60	0	0.010
50	332.0		Broken Pipe	3	0.010	60	0	0.010
51	335.3	5347-457 / DS Manhole		1	0.000	0	0	0.000
344 SOUTH ELIZABETH								

Many small chunks missing at joints with small cavities outside of the main.



# Television Inspection Master Report

7/15/2010

7:44 AM

US Structure: 5347-457      344 S ELIZABETH      Date Insp: 6/3/2010      Basin: C07G  
 DS Structure: 5347-001      1502 W MAPLE ST      Dir Televised: Upstream To Downstream

**Pipe Information**

Shape: Round      Length Status:      Project No. : B-051  
 Dia/Ht: 12      Material: VCP      Index:  
 Length: 162.0      Slope: 0.220      Surface:

**Inspection Information**

Crew: 694      Percent Full:      Tape ID: DVD #0580

Obs. #	VTR Counter	Distance	Location	Description	Rating	Obsrvd (gpm)	Ratings		Remain (gpm)	
							Est. (gpm)	Struct Clean		
1		0.0		5347-457 / US Manhole						
344 SOUTH ELIZABETH										
2		12.4		Broken Pipe	3	0.010	60	0	0.010	
3		20.5		Crack-Radial	3	0.004	5	0	0.004	
4		23.4		Broken Pipe	3	0.010	60	0	0.010	
5		38.8		Crack-Radial	3	0.004	5	0	0.004	
6		41.0		Point Repair (PR) Starts - Mat. Chngs to PVC	1	0.000	0	0	0.000	
7		57.4		PR Ends - Mat. Chngs to VCP	1	0.000	0	0	0.000	
8		67.1		PR Starts - Mat. Chngs to PVC	1	0.000	0	0	0.000	
9		96.1		PR Ends - Mat. Chngs to VCP	1	0.000	0	0	0.000	
10		152.7		PR Starts - Mat. Chngs to PVC	1	0.000	0	0	0.000	
11		163.6		5347-001 / DS Manhole						

(the pipe has many cracks but these were not listed on the tv log)