

5-1

BEACHY

ONEIDA

6503 E. Oneida

6535 E. Oneida

9TH

SAINT JAMES

MISSION

WOODLAWN

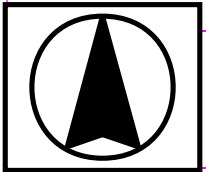
Point Repair:
Remove and replace 10 lf of 8" pipe from
MH 5948-329 to 10 lf west of MH 5948-329

MH # 5948-329
Replace Manhole Frame & Cover
Approx depth = 8.7 ft

MH # 5948-328
Replace Manhole Frame & Cover
Rework Manhole Bench & Invert
Approx depth = 8.4 ft

Point Repair:
Remove and replace 15 lf of 8" pipe from
MH 5948-328 to 15 lf west of MH 5948-328

SITE 5



5-2

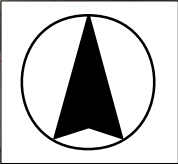
ONEIDA

WOODLAWN

9TH

MISSION

Aerial View



Television Inspection Master Report

9/29/2003
8:19:48AM

US Manhole: 5948-330
DS Manhole: 5948-329

6403 E ONEIDA AV
6503 E ONEIDA AV

Date Insp: 4/3/2003

Basin: E03B

Dir Televised: Upstream To Downstream

Pipe Information

Shape:	Round	Length Status:	Project No.:	H-135
Dia/Ht Width:	8 0	Material:	Index:	
Length:	315.0	Slope:	Surface:	
Pipe Sec Length:	Comment:			

Inspection Information

Crew:	694	Percent Full:	15	Tape ID:	V-3882
Weather:	Cloudy	Purpose:	TV Existing Line	Counter Start:	0.0
Surface Cond:	Trees & Fences	Flow:	Normal Flow	Counter Stop:	
Dyed Test:	No				

Obs. #	VTR Counter	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1		0.0	US Manhole							
2		5.0	Joint	Offset	3		0.010	20	0	0.010
3		10.0	South	Wye Service	1		0.000	0	0	0.000
4		12.0	North	Wye Service	3		0.000	2	0	0.000
5		74.0	South	Wye Service	1		0.000	0	0	0.000
6		75.0	Crown	Crack-Radial	3		0.004	5	0	0.004
7		76.0	North	Wye Service	1		0.000	0	0	0.000
8		166.0	South	Wye Service	3		0.000	2	0	0.000
9		168.0	North	Wye Service	3		0.000	2	0	0.000
10		234.0	North	Wye Service	3		0.000	2	0	0.000
11		235.0	South	Wye Service	3		0.000	2	0	0.000
12		247.0	Joint	Roots	3		0.008	5	8	0.008
13		251.0	Joint	Roots	2		0.004	2	4	0.004
14		254.0	Joint	Roots	4		0.010	10	25	0.010
15		257.0	Joint	Roots	4		0.010	10	25	0.010
16		310.0	North	Wye Service	3		0.000	2	0	0.000
17		312.0	Joint	Offset	4					
18		312.0	Invert	Broken Pipe	5		0.060	100	0	0.060

1006 N. WOODLAWN / Full of roots
6403 E. ONEIDA
6412 E. 9TH ST. N.
6411 E. ONEIDA
6420 E. 9TH ST. N. / Full of roots
6419 E. ONEIDA / Full of roots
6427 E. ONEIDA / Full of roots
6428 E. 9TH ST. N.
6503 E. ONEIDA / Full of roots

NEEDS PONT REPAIR

WE WILL REVERSE OUR SET-UP AND COME IN FROM THE D.S. M.H. 5948-329 AND TELEWISE APRX 3FT TO THE WEST. / Pipe has a lot of roots at the joints.

REVERSE SETUP:

1	0.0	DS Manhole 5948-329 / TV AGAINST THE FLOW								
2	5.0	Invert	Broken Pipe	5		0.060	100	0	0.060	

THIS IS AS FAR AS WE NEEDED TO TELEWISE. THE TOTAL FOOTAGE ON THIS LINE WILL BE 317FT

5-3

Television Inspection Master Report

9/29/2003
8:19:48AM

US Manhole: 5948-329
DS Manhole: 5948-328

6503 E ONEIDA AV
6535 E ONEIDA AVE

Date Insp: 4/3/2003

Basin: E03B

Dir Televised: Upstream To Downstream

Pipe Information

Shape: Round Length Status: Project No.: H-135
Dia/Ht Width: 8 0 Material: VCP Index:
Length: 314.8 Slope: 1.000 Surface:
Pipe Sec Length: Comment:

Inspection Information

Crew: 694 Percent Full: 15 Tape ID: V-3882
Weather: Cloudy Purpose: TV Existing Line Counter Start: 24;33
Surface Cond: Trees & Fences Flow: Normal Flow Counter Stop:
Dyed Test: No

Obs. #	VTR Counter	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1		0.0	US Manhole 5948-329							
2		5.0	Joint	Offset	3		0.010	20	0	0.010
3		5.0	Crown	Crack-Radial	3		0.004	5	0	0.004
4		10.0	South	Wye Service	1		0.000	0	0	0.000
5		17.0	North	Break-In Conn	1		0.001	0	0	0.001
6		41.0	Quad 3 / L-Lt	Broken Pipe	5		0.060	100	0	0.060
7		43.0	South	Pipe has a hole in the invert, but invert is smooth and we can line through this Wye Service	1		0.000	0	0	0.000
8		45.0	Quad 3 / L-Lt	Broken Pipe	5		0.060	100	0	0.060
9		66.0	South	Hole in crown & loose tile on the left side / should be ok to line through this Pipe Seal	1		0.000	0	0	0.000
10		77.0	North	Pipe Seal	1		0.000	0	0	0.000
11		80.0	North	Break-In Conn	1		0.001	0	0	0.001
37		86.0	Joint	6511 E. ONEIDA Roots	3		0.008	5	8	0.008
12		145.0	South	Wye Service	1		0.000	0	0	0.000
13		156.0	North	6520 E. 9TH ST. N. Pipe Seal	1		0.000	0	0	0.000
14		165.0	North	Break-In Conn	3		0.004	2	0	0.004
15		167.0	Joint	6519 E. ONEIDA Roots	3		0.008	5	8	0.008
16		176.0	Joint	Roots	3		0.008	5	8	0.008
17		178.0	Joint	Roots	3		0.008	5	8	0.008
18		196.0	Joint	Roots	3		0.008	5	8	0.008
19		205.0	Joint	Roots	3		0.008	5	8	0.008
20		208.0	Joint	Roots	3		0.008	5	8	0.008
21		213.0	Joint	Roots	3		0.008	5	8	0.008
22		214.0	Joint	Roots	4		0.010	10	25	0.010
23		216.0	South	Wye Service	3		0.000	2	0	0.000
24		218.0	Joint	6528 E. 9TH ST. N. / Full of roots Roots	4		0.010	10	25	0.010
25		219.0	North	Wye Service	3		0.000	2	0	0.000
26		220.0	Joint	6527 E. ONEIDA / Full of roots Roots	5		0.030	18	100	0.030
27		220.0	Joint	Infiltration	3		0.000	0	0	0.000
28		223.0	Joint	Roots	2		0.004	2	4	0.004
29		228.0	Joint	Roots	3		0.008	5	8	0.008

5-4

Television Inspection Master Report

9/29/2003
8:19:48AM

US Manhole: 5948-329 6503 E ONEIDA AV Date Insp: 4/3/2003 Basin: E03B
 DS Manhole: 5948-328 6535 E ONEIDA AVE Dir Televised: Upstream To Downstream

Obs #	Counter	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
30	241.0		Joint	Roots	3	0.008		5	8	0.008
31	241.0		Joint	Infiltration	3	0.000		0	0	0.000
32	246.0		Joint	Roots	4	0.010		10	25	0.010
33	271.0		Joint	Roots	2	0.004		2	4	0.004
34	277.0		Joint	Roots	3	0.008		5	8	0.008
35	279.0		Joint	Roots	3	0.008		5	8	0.008
36	283.0		Joint	Roots	3	0.008		5	8	0.008
38	289.0		Joint	Roots	3	0.008		5	8	0.008
39	292.0		North	Break-In Conn	3	0.004		2	0	0.004
6535 E. ONEIDA										
41	292.0		South	Wye Service	3	0.000		2	0	0.000
6534 E. 9TH ST.										
40	293.0		Joint	Roots	5	0.030		18	100	0.030

THIS IS AS FAR AS WE NEED TO TELEVISION TO COMPLETE THIS WORK ORDER.. THIS LINE IS IN POOR CONDITION DUE TO THE ROOTS AND INFILTRATION. TOTAL FOOTAGE ON THIS LINE IS 316 FT.

REVERSE SETUP:

Obs. #	VTR Counter Comment	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1		0.0	DS Manhole	5948-328 / TV AGAINST THE FLOW WE ARE REVERSING OUR SET-UP DUE TO THE ROOTS IN THIS LINE						
2		2.0	Joint	Roots	3	0.008		5	8	0.008
3		5.0	Joint	Roots	4	0.010		10	25	0.010
4		7.0	Invert	Sag / 35% FLOW						
5		11.0	Invert	Sag / 40% FLOW						
6		12.0	Joint	Roots	3	0.008		5	8	0.008
7		15.0	Joint	Roots	3	0.008		5	8	0.008
8		15.0	Invert	Sag / OUT OF SAG						
9		17.0	Joint	Roots	4	0.010		10	25	0.010
10		20.0	Joint	Roots	4	0.010		10	25	0.010
11		23.0	North	Wye Service	3	0.000		2	0	0.000
6535 E. ONEIDA.										
12		23.0	Joint	Roots	3	0.008		5	8	0.008
13		26.0	South	Wye Service	3	0.000		2	0	0.000
6534 E. 9TH ST. N.										

5-5