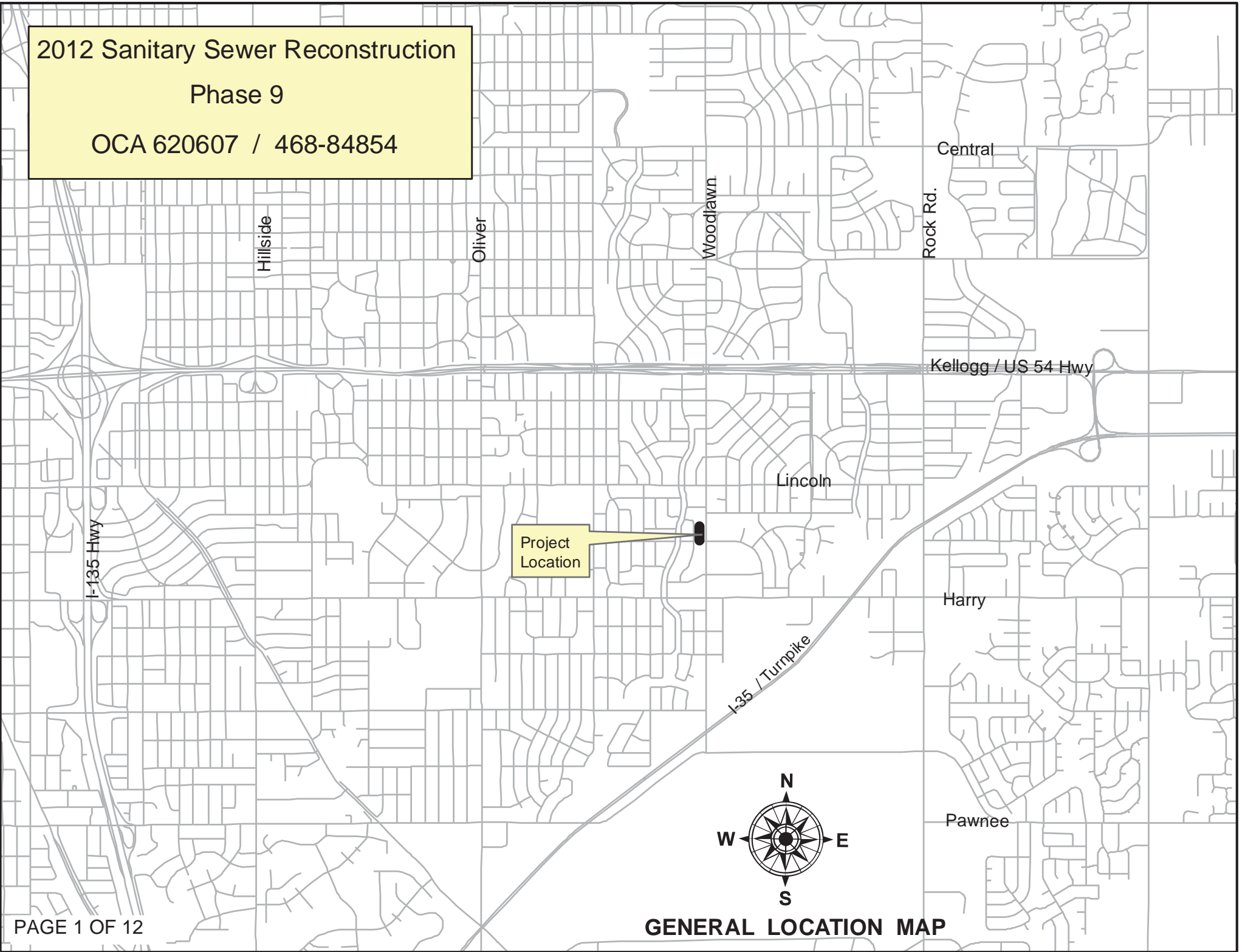


2012 Sanitary Sewer Reconstruction
Phase 9
OCA 620607 / 468-84854



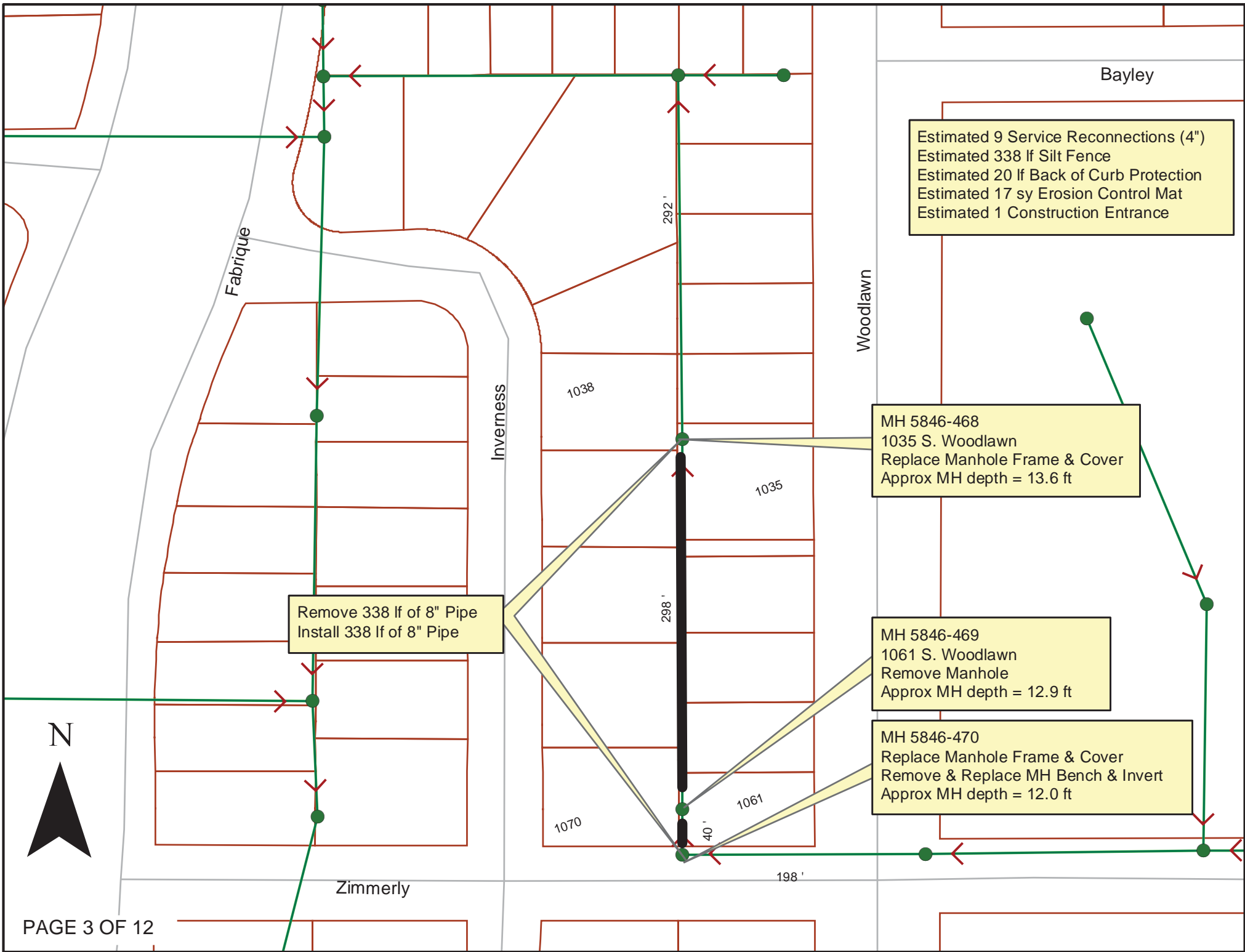
GENERAL NOTES

Contractors should review the site. The west side of the easement is at a lower elevation than the east side of the easement. The sewer main is within the east side of the easement. The easement is 16 feet wide, with 8 feet on either side of the property line.

Seeding will be allowed on this project and shall be subsidiary to the bid item for Site Restoration.

The owner of 1061 S. Woodlawn has a lot of stuff piled in the south side of the yard, but he is asking for a couple of weeks advance notice and he will have all that cleared out for the contractor.

The owner of 1035 S. Woodlawn has been made aware of the project also and he is postponing planting new grass until next spring.



Estimated 9 Service Reconnections (4")
 Estimated 338 lf Silt Fence
 Estimated 20 lf Back of Curb Protection
 Estimated 17 sy Erosion Control Mat
 Estimated 1 Construction Entrance

Remove 338 lf of 8" Pipe
 Install 338 lf of 8" Pipe

MH 5846-468
 1035 S. Woodlawn
 Replace Manhole Frame & Cover
 Approx MH depth = 13.6 ft

MH 5846-469
 1061 S. Woodlawn
 Remove Manhole
 Approx MH depth = 12.9 ft

MH 5846-470
 Replace Manhole Frame & Cover
 Remove & Replace MH Bench & Invert
 Approx MH depth = 12.0 ft





S INVERNESS DR

S WOODLAWN BLVD

E ZIMMERLY ST

1038

1035

1070

1061

468

469

470

173



Video Inspection Master Report

10/30/2012
3:42 PM

US Structure: 5846-470 1061 S WOODLAWN BLVD Date Insp: 3/28/2007 Basin: E01C
 DS Structure: 5846-469 1061 S WOODLAWN BLVD Dir. Televised: Upstream To Downstream

Pipe Information

Shape:	Round	Project No. :	L-056
Dia/Ht:	8	Material:	VCP
Length:	41.0	Slope:	0.390
Crew:	690	Tape ID:	DVD #0265

Obs. #	VTR Counter	Distance	Location	Description	Rating	Ratings				
						Obsrvd (gpm)	Est. (gpm)	Struct Clean	Remain (gpm)	
1		1.4	US Manhole	5846-470	1	CO-0	H2S-0	O2-20.5	LEL-0	
2		2.5	Upper Right	Crack-Radial	3		0.004	5	0	0.004
3		15.0	Upper Left	Pipe Seal	3		0.000	0	0	0.000
4		15.7	W / 1070 S	INVERNESS PVC Break-In Conn	1		4" Predco Saddle			
5		40.3	Lower Right	Debris	5		0.000	0	75	0.000
6		42.3	Lower Right	Debris in manhole	4		0.000	0	25	0.000
7		42.4	DS Manhole	5846-469						

Video Inspection Master Report

10/30/2012

3:42 PM

US Structure: 5846-469 1061 S WOODLAWN BLVD Date Insp.: 3/30/2007 Basin: E01C
 DS Structure: 5846-468 1035 S WOODLAWN BLVD Dir. Televised: Upstream To Downstream

Pipe Information

Project No. : G-072 DVD #0265
 Dia/Ht: 8 Material: VCP
 Length: 298.5 Slope: 0.050

Obs. #	VTR Counter	Distance	Location	Description	Rating	Ratings			
						Obsrvd (gpm)	Est. (gpm)	Struct Clean	Remain (gpm)
1		0.0	US Manhole 5846-469		1				
2		3.2	Upper Left	Crack-Radial	3	0.004	5	0	0.004
3		4.9	Camera Lens Submerged	Sag starts	4	0.000	10	0	0.000
4		8.4	Camera Lens Emerged	Sag ends	1	0.000	1	0	0.000
5		8.4	Upper Right	Crack-Horizontal	2	0.002	2	0	0.002
6		8.7	Joint	Roots	3	0.008	5	8	0.008
7		11.6	Joint	Roots	2	0.004	2	4	0.004
8		16.1	East 1061 S WOODLAWN	Break-In Conn	1		4" Break In Connection		
9		18.2	West 1070 S INVERNESS (is this the 2 nd tap for this address?)	Wye Service	1		4" Clay Wye Connection		
10		21.2	East	Wye Service Sealed off	1	0.000	0	0	0.000
11		62.5	Crown	Crack-Horizontal	2	0.002	2	0	0.002
12		65.6	Lower Left	Crack-Horizontal	2	0.002	2	0	0.002
13		68.3	Upper Left	Crack-Horizontal	4	0.008	10	0	0.008
14		68.3	Invert	Crack-Radial	2	0.002	2	0	0.002
15		68.6	West	Wye Service Sealed off	1	0.000	0	0	0.000
16		71.5	Crown	Crack-Horizontal	3	0.004	5	0	0.004
17		71.6	East 1059 S WOODLAWN	Wye Service	2		4" Clay Wye Connection / roots		
19		72.9	Crown	Crack-Horizontal	3	0.004	5	0	0.004
20		73.8	Joint	Roots	3	0.008	5	8	0.008
21		74.7	Invert	Crack-Horizontal	3	0.004	5	0	0.004
22		88.8	Joint	Roots	3	0.008	5	8	0.008
23		91.9	Joint	Roots	3	0.008	5	8	0.008
24		95.3	Crown	Crack-Horizontal	2	0.002	2	0	0.002
25		113.2	Upper Right	Crack-Horizontal	3	0.004	5	0	0.004
26		116.6	Crown	Crack-Horizontal	3	0.004	5	0	0.004
27		119.7	Upper Left	Crack-Horizontal	2	0.002	2	0	0.002
28		122.0	Lower Left	Crack-Horizontal	2	0.002	2	0	0.002
29		125.0	Crown	Crack-Horizontal	2	0.002	2	0	0.002
30		125.3	West 1062 S INVERNESS DR	Wye Service	1		4" Clay Wye Connection		
31		128.2	East 1053 S WOODLAWN	Wye Service	1		4" Clay Wye Connection		

Video Inspection Master Report

10/30/2012
3:42 PM

US Structure: 5846-469 1061 S WOODLAWN BLVD Date Insp: 3/30/2007 Basin: E01C
 DS Structure: 5846-468 1035 S WOODLAWN BLVD Dir. Televised: Upstream To Downstream

32	134.1	Upper Left	Crack-Horizontal	2	0.002	2	0	0.002
33	137.2	Lower Left	Crack-Horizontal	2	0.002	2	0	0.002
34	154.1	Camera Lens Submerged	Sag starts	4	0.000	10	0	0.000
35	156.2	Camera Lens Emerged	Sag ends	2	0.000	2	0	0.000
36	179.0	West 1054 S INVERNESS	Wye Service	1	4" Clay Wye Connection			
38	182.1	East 1047 S WOODLAWN	Wye Service	1	4" Clay Wye Connection			
39	232.7	West 1046 S INVERNESS	PVC Break-In Conn	1	4" Predco Saddle			
40	235.8	East	Wye Service sealed off	1	0.000	0	0	0.000
41	237.7	Camera Lens Submerged	Sag starts	4	0.000	10	0	0.000
42	243.0	Camera Lens Emerged	Sag ends	2	0.000	2	0	0.000
43	243.3	Joint	Offset	2	0.000	0	0	0.000
44	247.4	Camera Lens Emerged	Sag starts	3	0.000	5	0	0.000
45	248.4	Camera Lens Submerged	Sag ends	1	0.000	1	0	0.000
46	283.0	West	Wye Service sealed off	1	0.000	0	0	0.000
47	286.0	East 1035 S WOODLAWN	Wye Service	3	4" Clay Wye Connection / Cracked / Roots			
48	288.6	Upper Right	Crack-Horizontal	3	0.004	5	0	0.004
49	288.6	Invert	Crack-Radial	1	0.001	1	0	0.001
50	293.7	DS Manhole 5846-468		2	0.000	0	0	0.000

Comment: LINE IN POOR CONDITION , LINE HAS LOTS OF HORIZONTAL CRACKS , AND SAGS. LINE NEEDS REHABED

This line has a history of stoppages and high maintenance. Sewer Maintenance has recommended open cut replacement to correct the grade.