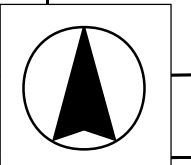




Install 369 lf of 8" Cured-in-Place Liner

MH # 5845-364
Approx depth = 11.4 ft

MH # 5845-363
Approx depth = 12.2 ft



LARRY

LARRY

2158

2188

2189

OLIVER

GLENDALE

ELPYCO

PINECREST

KINKAID

Aerial View



Television Inspection Master Report

8/6/2007
8:13:25AM

US Manhole: 5845-364 2158 S GLENDALE AVE Date Insp: 9/7/2005 Basin: E01A
DS Manhole: 5845-363 2188 S GLENDALE ST Dir Televised: Downstream To Upstream

Pipe Information

Shape: Round Length Status: Project No.: F-202
Dia/Ht Width: 8 0 Material: VCP Index:
Length: 368.8 Slope: 0.404 Surface:

Inspection Information

Crew: 694 Percent Full: Tape ID: DVD #0128
Weather: Sunny Purpose: TV Existing Line Counter Start: 08:18
Surface Cond: Trees & Fences Flow: Counter Stop:

Obs. #	VTR Counter Svc.	Distance	Location	Connection type:	Description	Obs Rating	Obsrvd (gpm)	Est. (gpm)	Ratings		
									Struct	Clean	Remain (gpm)
1	00:00:00	0.0	DS Manhole		5845-363 / TV AGAINST THE FLOW						
2	00:00:00	4.4	Crown		Offset Fairly bad offset joint	3		0.010	20	0	0.010
3	00:00:00	6.5	Invert		Sag begins (from OSJ)	2		0.000	2	0	0.000
4	00:00:00	9.8	Upper Right		Roots / heavy	3		0.008	5	8	0.008
5	00:00:00	13.7	Invert		Sag ends	2		0.000	2	0	0.000
6	00:00:00	16.4	East		Sealed Off Wye East	1		0.000	0	0	0.000
7	00:00:00	16.5	Lower Left		Roots	3		0.008	5	8	0.008
8	00:00:00	19.4	Crown		Roots / heavy	3		0.008	5	8	0.008
9	00:00:00	19.4	West		Wye Service	3		0.000	2	0	0.000
					REMARK: 2188 S. GLENDALE / ROOTS						
10	00:00:00	28.4	Upper Right		Roots	3		0.008	5	8	0.008
11	00:00:00	31.8	East		Break-In Conn	1		0.001	0	0	0.001
					REMARK: 2189 S. ELPYCO						
12	00:00:00	77.2	East		Wye Service	3		0.000	2	0	0.000
					REMARK: 2185 S. ELPYCO / ROOTS						
13	00:00:00	80.4	West		Wye Service	3		0.000	2	0	0.000
					REMARK: 2184 S. GLENDALE / ROOTS						
14	00:00:00	135.4	East		Wye Service	3		0.000	2	0	0.000
					REMARK: 2181 S. ELPYCO / BROKEN PIPE (TO BE REPLACED BY SEWER MAINTENANCE PRIOR TO LINER INSTALLATION)						
15	00:00:00	138.4	West		Wye Service	1		0.000	0	0	0.000
					REMARK: 2180 S. GLENDALE						
16	00:00:00	194.0	Upper Left		Crack-Horizontal	3		0.004	5	0	0.004
17	00:00:00	196.6	East		Wye Service	3		0.000	2	0	0.000
					REMARK: 2175 S. ELPYCO / OFFSET (TO BE REPLACED BY SEWER MAINTENANCE PRIOR TO LINER INSTALLATION)						
18	00:00:00	199.6	West		Wye Service	1		0.000	0	0	0.000
					REMARK: 2174 S. GLENDALE / OFFSET						

Television Inspection Master Report

8/6/2007
8:13:25AM

US Manhole: 5845-364 2158 S GLENDALE AVE Date Insp: 9/7/2005 Basin: E01A
 DS Manhole: 5845-363 2188 S GLENDALE ST Dir Televised: Downstream To Upstream

19	00:00:00	225.7	Crown	Crack-Horizontal	3	0.004	5	0	0.004
20	00:00:00	233.8	Crown	Crack-Horizontal	3	0.004	5	0	0.004
21	00:00:00	237.3	Crown	Crack-Horizontal	3	0.004	5	0	0.004
22	00:00:00	258.4	Crown	Crack-Horizontal	3	0.004	5	0	0.004
23	00:00:00	260.8	East	Wye Service	3	0.000	2	0	0.000
REMARK: 2171 S. ELPYCO / ROOTS / BROKEN PIPE									
24	00:00:00	264.0	West	Wye Service	3	0.000	2	0	0.000
REMARK: 2170 S. GLENDDALE / ROOTS									
25	00:00:00	273.5	Crown	Crack-Horizontal	3	0.004	5	0	0.004
26	00:00:00	319.0	West	Wye Service	1	0.000	0	0	0.000
REMARK: 2164 S. GLENDALE									
27	00:00:00	331.0	East	Wye Service	3	0.000	2	0	0.000
REMARK: 2165 S. ELPYCO / ROOTS									
28	00:00:00	368.2	US Manhole 5845-364		1	0.000	0	0	0.000

Upstream Manhole recently located and raised by Sewer Maintenance / SE corner of 2158 S. Glendale

Lots of roots at the joints and small off-set joints not mentioned on the log. Line has maintenance problems.