

Point Repair: Remove and replace approx 10 lf of 12" pipe, from 433' to 443' downstream of MH 5744-881 (see tv log)

Point Repair: Remove and replace approx 6 lf of 12" pipe, from 264' to 270' downstream of MH 5744-881 (see tv log)

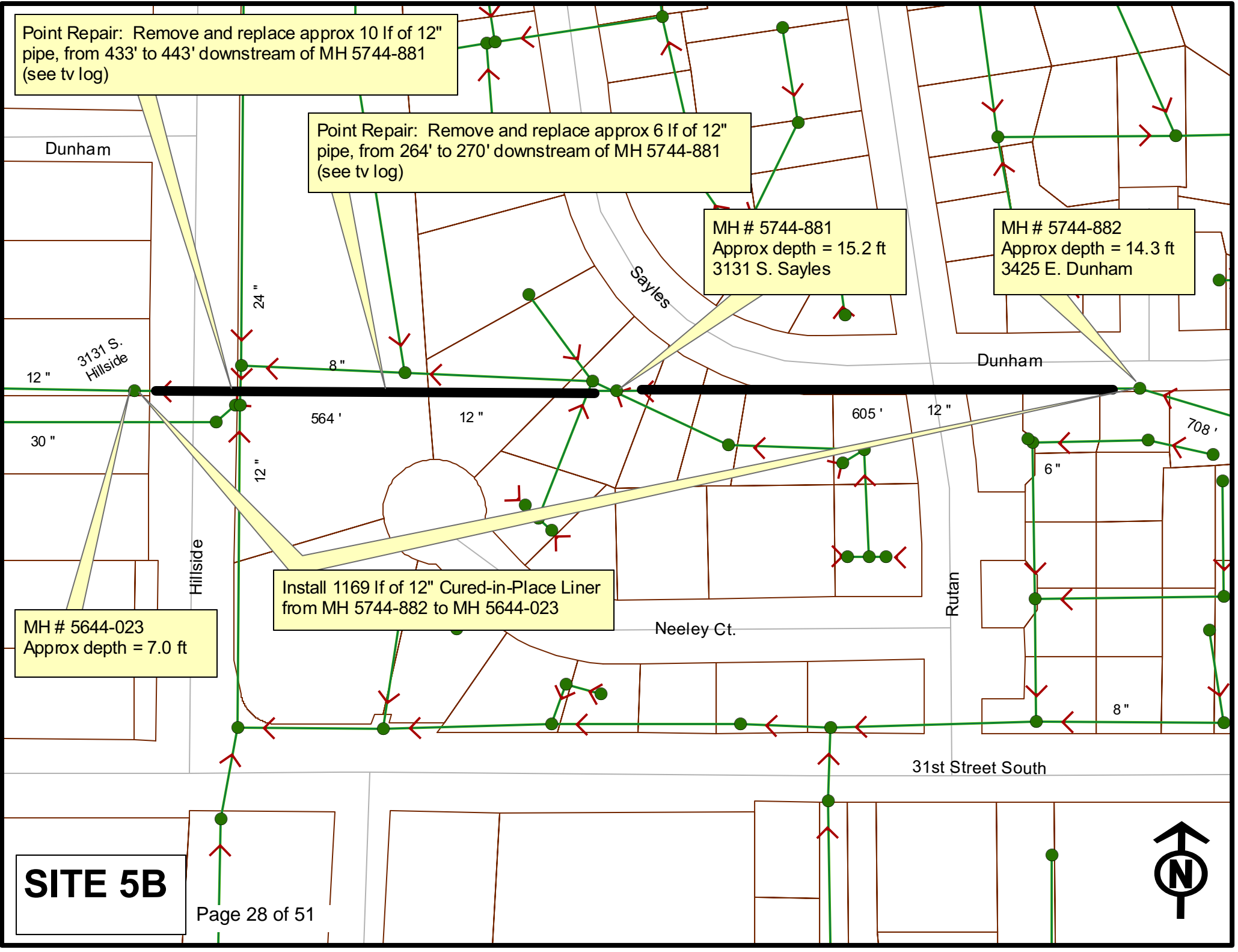
MH # 5744-881
Approx depth = 15.2 ft
3131 S. Sayles

MH # 5744-882
Approx depth = 14.3 ft
3425 E. Dunham

MH # 5644-023
Approx depth = 7.0 ft

Install 1169 lf of 12" Cured-in-Place Liner from MH 5744-882 to MH 5644-023

SITE 5B



E DUNHAM DR

S SABLES AVE

S RUTAN ST

E DUNHAM CT

E DUNHAM AVE

S HILLSIDE AVE

E NEELY ST

E 31ST ST S

S HOLYOKE CIR



Television Inspection Master Report

6/14/2010

3:33 PM

US Structure: 5744-882
DS Structure: 5744-881

3425 E DUNHAM AVE
3360 E NEELY ST

Date Insp: 4/29/2010
Dir Televised: Upstream To Downstream

Basin: C01A

Pipe Information

Project No. : J-136 Dia/Ht: 12 Material: VCP Length: 605.0 Slope: 0.220

Crew: 694 Tape ID: DVD #0573

Obs. #	VTR Counter	Distance	Location	Description	Rating	Obsrvd (gpm)	Ratings			Remain (gpm)
							Est. (gpm)	Struct	Clean	
1		0.0		5744-882 / US Manhole						(pipe from SE is an inside drop into this manhole)
2		134.2		Broken Pipe	3	0.010	60	0	0.010	
3		137.4		Broken Pipe	3	0.010	60	0	0.010	
4		145.5		Crack-Horizontal	3	0.004	5	0	0.004	
5		330.5		Roots	3	0.008	5	8	0.008	
6		521.9		Grease	3	0.000	0	5	0.000	
7		538.2		Debris	3	0.000	0	0	0.000	
8		542.6		Roots	3	0.008	5	8	0.008	
9		557.8		Roots	3	0.008	5	8	0.008	
10		560.7		Roots	3	0.008	5	8	0.008	
11		563.9		Roots	3	0.008	5	8	0.008	
12		569.8		Roots	3	0.008	5	8	0.008	
13		572.6		Roots	3	0.008	5	8	0.008	
14		575.9		Roots	3	0.008	5	8	0.008	
15		579.2		Roots	3	0.008	5	8	0.008	
16		581.9		Roots	3	0.008	5	8	0.008	
17		585.0		Roots	3	0.008	5	8	0.008	
18		587.7		Roots	3	0.008	5	8	0.008	
19		590.9		Roots	3	0.008	5	8	0.008	
20		596.7		Roots	3	0.008	5	8	0.008	
21		602.7		Roots	3	0.008	5	8	0.008	
22		605.0		5744-881 / DS Manhole	1	0.000	0	0	0.000	

Some heavy roots in this line.

NO TAPS

Television Inspection Master Report

6/14/2010

3:33 PM

US Structure: 5744-881
DS Structure: 5644-023

3360 E NEELY ST
3141 S HILLSIDE ST

Date Insp: 4/30/2010
Dir Televised: Upstream To Downstream

Basin: C01A

Pipe Information

Project No. : J-136 Dia/Ht: 12 Material: VCP Length: 564.0 Slope: 0.220 Tape ID: DVD #0573

Obs. #	VTR Counter	Distance	Location	Description	Rating	Obsrvd (gpm)	Ratings			Remain (gpm)
							Est. (gpm)	Struct	Clean	
1		0.0		5744-881 / US Manhole						
2		46.9		"Other" indicates Mineral Deposits	Other	3	0.000	0	0	0.000
3		64.0			Other	3	0.000	0	0	0.000
4		81.8			Other	3	0.000	0	0	0.000
5		91.7			Other	3	0.000	0	0	0.000
6		97.5			Other	3	0.000	0	0	0.000
7		100.3			Other	3	0.000	0	0	0.000
8		106.0			Other	3	0.000	0	0	0.000
9		109.5			Other	3	0.000	0	0	0.000
10		112.5			Other	3	0.000	0	0	0.000
11		130.6			Other	3	0.000	0	0	0.000
12		133.4			Other	4	0.000	0	0	0.000
13		133.4		Infiltration	3	0.000	0	0	0	0.000
14		139.0			Other	4	0.000	0	0	0.000
15		142.1			Other	4	0.000	0	0	0.000
16		144.8			Other	4	0.000	0	0	0.000
17		148.2			Other	3	0.000	0	0	0.000
18		150.8			Other	3	0.000	0	0	0.000
19		209.7		Crack-Horizontal	4	0.008	10	0	0	0.008
20		214.3		Crack-Horizontal	3	0.004	5	0	0	0.004
21		222.7		Crack-Horizontal	3	0.004	5	0	0	0.004
22		226.0		Crack-Horizontal	3	0.004	5	0	0	0.004
23		228.6		Crack-Horizontal	4	0.008	10	0	0	0.008
24		231.7	Pipe shifting in crown	Broken Pipe	3	0.010	60	0	0	0.010
25		233.9		Crack-Horizontal	3	0.004	5	0	0	0.004
26		237.5		Crack-Horizontal	3	0.004	5	0	0	0.004
27		240.3		Crack-Horizontal	3	0.004	5	0	0	0.004
28		263.8	Joint / vertical shift	Offset	3	0.010	20	0	0	0.010
29		267.2	Section sits lower / camera submerged	Sag	3	0.000	5	0	0	0.000
30		268.0	Joint / vertical shift	Offset	4	0.030	60	0	0	0.030
Need to replace approx 6 lf of pipe to correct elevation prior to CIPP installation										
31		270.5		Sag	1	0.000	1	0	0	0.000
32		280.9		Crack-Radial	3	0.004	5	0	0	0.004
433.0 Joint Pipe begins to defect downward										
33		437.5	Joint / vertical shift	Offset	4	0.030	60	0	0	0.030
34		437.8	Section sits lower	Broken Pipe	3	0.010	60	0	0	0.010
35		439.1	Camera submerged	Sag	3	0.000	5	0	0	0.000
36		441.9	Joint / vertical shift	Offset	4	0.030	60	0	0	0.030
37		Need to replace from 433' to 443' to correct elevation prior to CIPP installation								
38		564.0		5644-023 / DS Manhole						