

Install 430 lf of 8" Cured-in-Place Liner:
· 200 lf from MH 5747-062 to MH 5747-046
· 150 lf from MH 5747-046 to MH 5747-045
· 80 lf from MH 5747-045 to MH 5747-044

MH 5747-045
130 N. Crestway
Approx depth = 8.2 ft

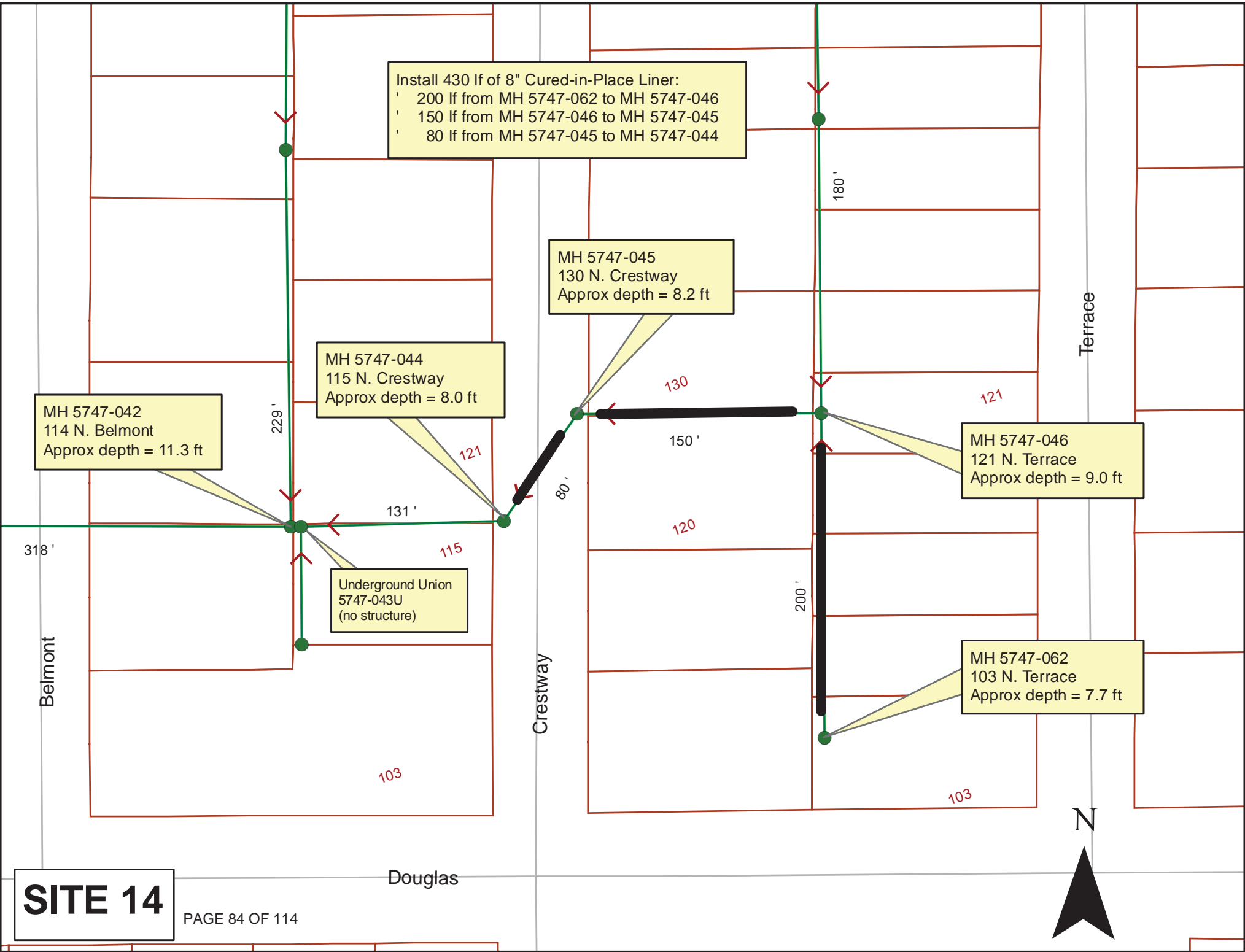
MH 5747-044
115 N. Crestway
Approx depth = 8.0 ft

MH 5747-042
114 N. Belmont
Approx depth = 11.3 ft

MH 5747-046
121 N. Terrace
Approx depth = 9.0 ft

Underground Union
5747-043U
(no structure)

MH 5747-062
103 N. Terrace
Approx depth = 7.7 ft





N CRESTWAY AVE

N TERRACE DR

E DOUGLAS AVE



042
043U

044

045

046

130

121

081PR

062

103

US Structure: 5747-062 103 N TERRACE ST Date Insp: 3/7/2011 Basin: EC01G
 DS Structure: 5747-046 121 N TERRACE DR Dir Televised: Upstream To Downstream

Pipe Information

Shape: Round Length Status: VCP Project No. : C-233
 Dia/Ht: 8 Material: Index:
 Length: 200.0 Slope: 0.400 Surface:

Obs. #	VTR Counter	Distance	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Struct	Clean	Remain (gpm)
1		0.0		5747-062 US Manhole						
2		9.3		Crack-Radial	3	0.004	0.004	5	0	0.004
3		14.2		Roots	2	0.004	0.004	2	4	0.004
4		15.8	103 N TERRACE	Break-In Conn	5	0.010	0.010	400	0	0.010
(service in poor condition / roots and missing pipe on service line)										
5		18.9		Roots	3	0.008	0.008	5	8	0.008
6		24.3		Roots	2	0.004	0.004	2	4	0.004
7		25.9	102 N CRESTWAY	Break-In Conn	5	0.010	0.010	400	0	0.010
(service is packed with roots)										
8		29.4		Roots	1	0.002	0.002	1	1	0.002
9		31.1		Sealed Off Wye	1	0.000	0.000	0	0	0.000
10		31.8		Roots	3	0.008	0.008	5	8	0.008
11		37.3		Roots	3	0.008	0.008	5	8	0.008
12		39.6		Roots	3	0.008	0.008	5	8	0.008
13		42.4		Roots	3	0.008	0.008	5	8	0.008
14		44.9		Roots	3	0.008	0.008	5	8	0.008
(some heavy roots in this area)										
15		47.4		Roots	2	0.004	0.004	2	4	0.004
16		47.4		Crack-Radial	2	0.002	0.002	2	0	0.002
17		49.8		Roots	3	0.008	0.008	5	8	0.008
18		52.4		Roots	3	0.008	0.008	5	8	0.008
19		55.3		Roots	4	0.010	0.010	10	25	0.010
20		57.1	105 N TERRACE	Wye Service	5	0.000	0.000	400	0	0.000
(service is packed with roots)										
21		57.7		Roots	3	0.008	0.008	5	8	0.008
22		60.1		Roots	2	0.004	0.004	2	4	0.004
23		62.7		Roots	2	0.004	0.004	2	4	0.004
24		65.3		Roots	3	0.008	0.008	5	8	0.008
25		67.8		Roots	1	0.002	0.002	1	1	0.002
26		70.4		Roots	2	0.004	0.004	2	4	0.004
27		75.4		Roots	1	0.002	0.002	1	1	0.002

US Structure: 5747-062 103 N TERRACE ST Date Insp: 3/7/2011 Basin: EC01G
 DS Structure: 5747-046 121 N TERRACE DR Dir Televised: Upstream To Downstream

28	77.9			2	0.004	2	4	0.004
29	80.5		Roots	1	0.002	1	1	0.002
30	81.5		Crack-Radial	2	0.002	2	0	0.002
31	82.4		Sealed Off Wye	3	0.000	0	0	0.000
32	88.4		Roots	1	0.002	1	1	0.002
33	88.6		Crack-Radial	1	0.001	1	0	0.001
34	105.0	113 N CRESTWAY / PVC	Break-In Conn	1	0.001	0	0	0.001
35	115.0		Crack-Horizontal	2	0.002	2	0	0.002
36	131.2		Sealed Off Wye	1	0.000	0	0	0.000
37	139.1	104 N CRESTWAY	(in crown) / Extended Tap	2	0.002	0	0	0.002
38	157.0		Sealed Off Wye	1	0.000	0	0	0.000
39	164.9	120 N CRESTWAY	Break-In Conn	4	0.008	60	0	0.008
40	165.5		Crack-Radial	3	0.004	5	0	0.004
41	167.3	117 N TERRACE	Break-In Conn	1	0.001	0	0	0.001
42	179.7		Sealed Off Wye	1	0.000	0	0	0.000
43	182.2		Sealed Off Wye	1	0.000	0	0	0.000
44	200.0	121 N TERRACE	DS Manhole 5747-046	1	0.000	0	0	0.000

US Structure: **5747-046** 121 N TERRACE DR Date Insp: 3/7/2011 Basin: **EC01G**
 DS Structure: **5747-045** 130 N CRESTWAY ST Dir Televised: Upstream To Downstream

Pipe Information

Shape: Round Length Status: Project No. : C-233
 Dia/Ht: 8 Material: VCP Index:
 Length: 150.0 Slope: 0.400

Obs. #	VTR Counter	Distance	Location	Description	Rating	Ratings				
						Obsrvd (gpm)	Est. (gpm)	Struct	Clean	Remain (gpm)
1		0.0		5747-045 DS Manhole	1	TV AGAINST THE FLOW				
2		6.0		Roots	1	0.002	1	1	0.002	
3		8.7		Roots	2	0.004	2	4	0.004	
4		46.5	130 N CRESTWAY	N Break-In Conn	1	0.001	0	0	0.001	
5		52.5		Crack-Radial	3	0.004	5	0	0.004	
6		150.7		5747-046 US Manhole	1	0.000	0	0	0.000	

US Structure: 5747-045 **130 N CRESTWAY ST** **Date Insp:** 4/26/2012 **Basin:** EC01 G
DS Structure: 5747-044 **115 N CRESTWAY ST** **Dir Televised:** Upstream To Downstream

Pipe Information

Shape: Round **Length Status:** VCP **Project No.:** C-233
Dia/Ht: 8 **Material:** **Index:**
Length: 80.0 **Slope:** 0.100 **Surface:**

Obs. #	VTR	Counter	Distance	Location	Description	Rating	Ratings		
							Obsrvd (gpm)	Est. (gpm)	Struct Clean
1			0.0	5747-045	US Manhole	1			
2			0.0		Crack-Radial	1			
3			33.2		Roots	3			
4			79.6	5745-044	DS Manhole	1			

This segment within the street R/W is in pretty good condition.