

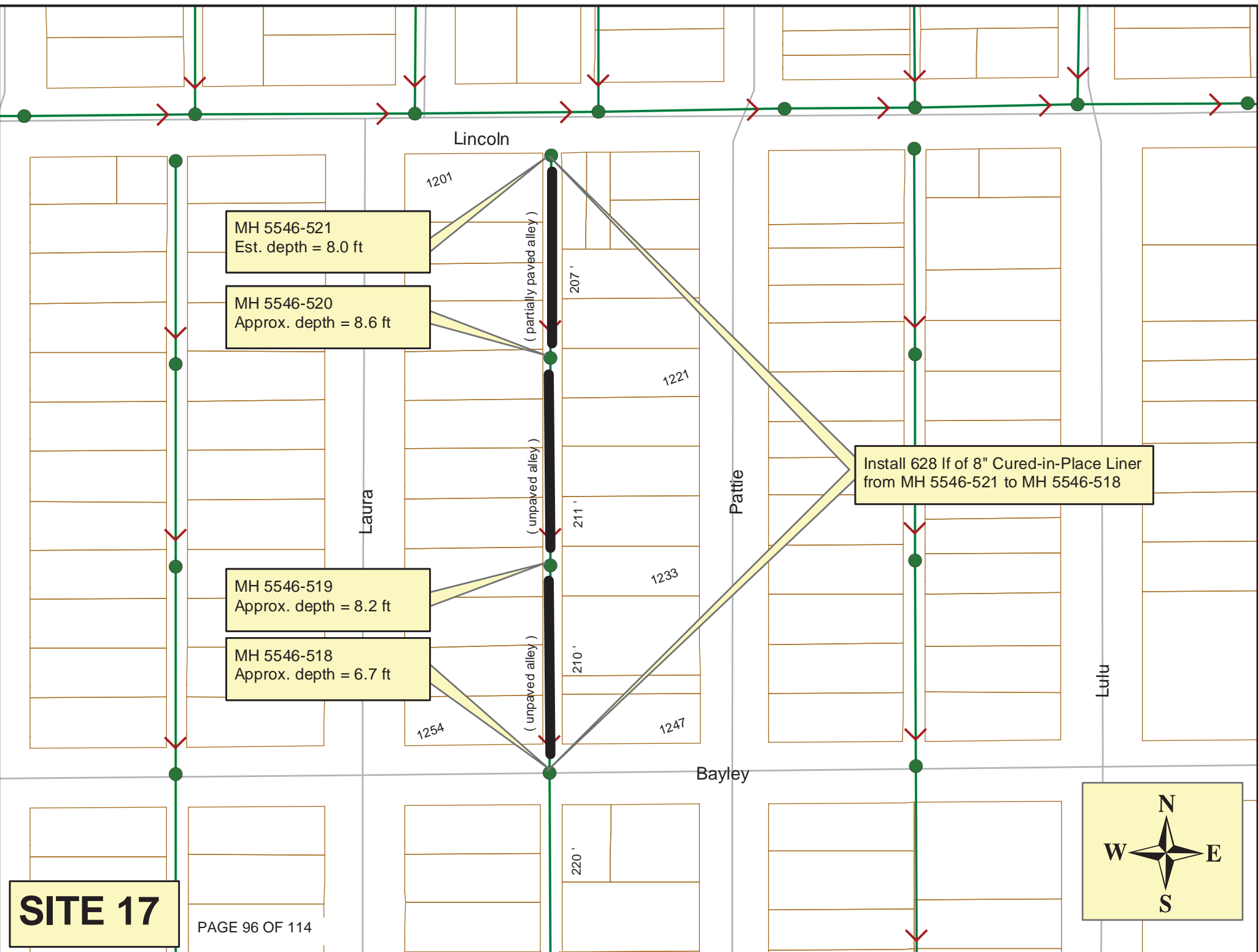
MH 5546-521  
Est. depth = 8.0 ft

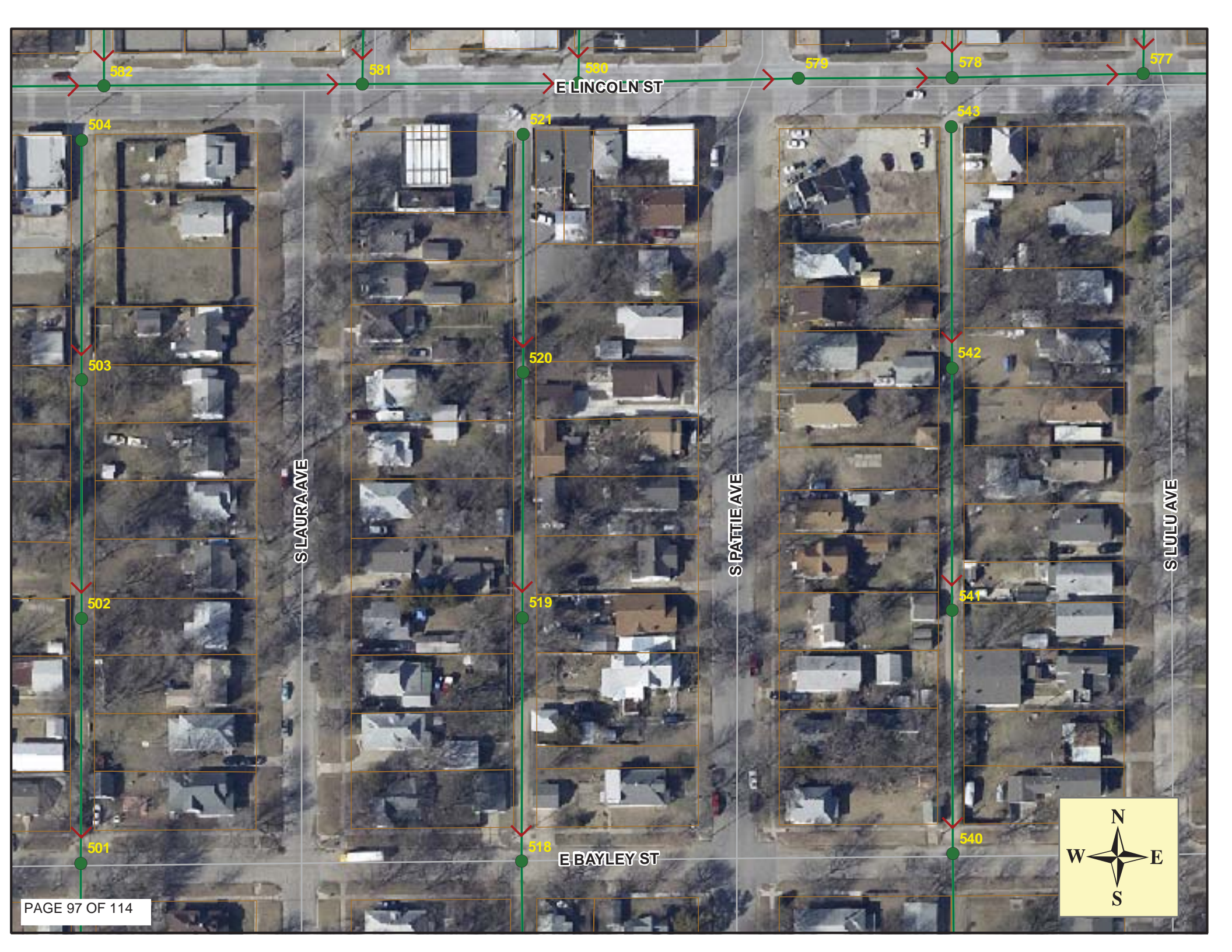
MH 5546-520  
Approx. depth = 8.6 ft

MH 5546-519  
Approx. depth = 8.2 ft

MH 5546-518  
Approx. depth = 6.7 ft

Install 628 lf of 8" Cured-in-Place Liner  
from MH 5546-521 to MH 5546-518





582

581

580

579

578

577

E LINCOLN ST

504

521

543

503

520

542

S LAURA AVE

S PATTIE AVE

S LULU AVE

502

519

541

501

518

540

E BAYLEY ST



## Video Inspection Master Report

9/10/2012  
7:37 AM

US Structure: 5546-521      1205 E LINCOLN ST      Date Insp: 9/12/2011      Basin: C02A  
 DS Structure: 5546-520      1221 S PATTIE AVE      Dir Televised: Upstream To Downstream

### Pipe Information

Shape: Round      Length Status: VCP      Project No. : D-104  
 Dia/Ht: 8      Material:      Index:  
 Length: 205.3      Slope: 0.400      Surface:

Obs. #	VTR	Counter	Distance	Location	Description	Rating	Ratings			
							Obsrvd (gpm)	Est. (gpm)	Struct Clean	Remain (gpm)
1			0.0		5546-521 US Manhole	1	0.000	0	0	0.000
2			6.5		Sealed Off Wye	1	0.000	0	0	0.000
3			8.7		Sealed Off Wye	1	0.000	0	0	0.000
4			13.1		Broken Pipe	4				
13.1 (internal sleeve repair installed by Sewer Maintenance since this televising was done)										
5			27.3		Sealed Off Wye	3	0.000	0	0	0.000
6			29.8		Sealed Off Wye	1	0.000	0	0	0.000
7			48.3	1201 EAST LINCOLN	Wye Service	3	0.000	2	0	0.000
8			51.0	1205 EAST LINCOLN	Wye Service	1	0.000	0	0	0.000
9			71.7		Sealed Off Wye	1	0.000	0	0	0.000
10			74.2	1207 SOUTH PATTIE	Wye Service	1	0.000	0	0	0.000
11			97.7	1208 SOUTH LAURA	Wye Service	1	0.000	0	0	0.000
12			100.1		Sealed Off Wye	3	0.000	0	0	0.000
100.1 wye seal is broken, lets in dirt										
13			123.2	1212 SOUTH LAURA	Wye Service	1	0.000	0	0	0.000
14			125.7	1211 SOUTH PATTIE	Wye Service	2	0.000	0	0	0.000
15			141.4		Grease	3	0.000	0	5	0.000
16			149.2		Sealed Off Wye	1	0.000	0	0	0.000
17			151.7		Sealed Off Wye	1	0.000	0	0	0.000
18			157.8	1211 SOUTH PATTIE	Break-In Conn	1	0.001	0	0	0.001
19			160.5		Broken Pipe	3	0.010	60	0	0.010
(156' to 160' repaired by Sewer Maintenance since this televising was done)										
20			175.0	1216 SOUTH LAURA	Wye Service	4	0.000	60	0	0.000
175.0 (Tap repaired by Sewer Maintenance since this televising was done)										
21			177.6		Sealed Off Wye	1	0.000	0	0	0.000
22			201.4		Sealed Off Wye	1	0.000	0	0	0.000
23			203.9		Sealed Off Wye	3	0.000	0	0	0.000
203.9 wye seal is broken, lets in dirt										
24			207.0	5546-520	DS Manhole	1	0.000	0	0	0.000

Pipe sways left & right a little. Grade is not good, but we'll install CIPP instead of open cut replacement.

## Video Inspection Master Report

9/10/2012  
7:37 AM

US Structure: 5546-520      1221 S PATTIE AVE      Date Insp: 9/12/2011      Basin: C02A  
 DS Structure: 5546-519      1233 S PATTIE ST      Dir Televised:      Upstream To Downstream

### Pipe Information

Shape: Round      Length Status: VCP      Project No. : D-104  
 Dia/Ht: 8      Material:      Index:  
 Length: 210.5      Slope: 0.400      Surface:

Obs. #	VTR Counter	Distance	Location	Description	Rating	Ratings			Remain (gpm)
						Obsrvd (gpm)	Est. (gpm)	Struct Clean	
1		0.0		US Manhole 5546-520	1	0.000	0	0	0.000
2		10.6		hole in side of pipe	3	0.010	60	0	0.010
		10.6		<i>(internal sleeve repair installed by Sewer Maintenance since this televising was done)</i>					
3		19.4		wye seal is broken, lets in dirt	1	0.000	0	0	0.000
4		30.1		wye seal is broken, lets in dirt	1	0.000	0	0	0.000
5		46.0		1218 SOUTH LAURA	1	0.000	0	0	0.000
6		48.4		1221 SOUTH PATTIE	2	0.000	0	0	0.000
		48.4		<i>(Tap repaired by Sewer Maintenance since this televising was done)</i>					
7		72.5		Sealed Off Wye	1	0.000	0	0	0.000
8		75.1		Sealed Off Wye	1	0.000	0	0	0.000
9		81.1		1220 SOUTH LAURA	1	0.001	0	0	0.001
10		93.2		wye seal is broken	1	0.000	0	0	0.000
11		96.0		1223 SOUTH PATTIE	1	0.001	0	0	0.001
12		100.7		wye seal is broken, lets in dirt	3	0.000	0	0	0.000
13		116.9		1224 SOUTH LAURA	1	0.001	0	0	0.001
14		124.1		Sealed Off Wye	1	0.000	0	0	0.000
15		126.5		wye seal is broken, lets in dirt	3	0.000	0	0	0.000
16		149.7		1226 SOUTH LAURA / roots	4	0.000	60	0	0.000
17		152.6		wye seal is broken, lets in dirt	3	0.000	0	0	0.000
18		157.7		Sealed Off Wye	1	0.000	0	0	0.000
19		159.8		Broken Pipe	4	0.030	78	0	0.030
		159.8		<i>(internal sleeve repair installed by Sewer Maintenance since this televising was done)</i>					
20		169.6		Roots	3	0.008	5	8	0.008
21		176.6		Sealed Off Wye	1	0.000	0	0	0.000
22		179.0		1229 SOUTH PATTIE	1	0.001	0	0	0.001
23		202.8		Sealed Off Wye	1	0.000	0	0	0.000
24		205.3		1233 SOUTH PATTIE	1	0.000	0	0	0.000
25		211.0		5546-519 DS Manhole	1	0.000	0	0	0.000

## Video Inspection Master Report

9/10/2012  
7:37 AM

US Structure: 5546-519      1233 S PATTIE ST      Date Insp: 9/12/2011      Basin: C02A  
 DS Structure: 5546-518      1219 E BAYLEY ST      Dir Televised: Upstream To Downstream

### Pipe Information

Shape: Round      Length Status: VCP      Project No. : D-104  
 Dia/Ht: 8      Material:      Index:  
 Length: 209.5      Slope: 0.400      Surface:

Obs. #	VTR Counter	Distance	Location	Description	Rating	Ratings				
						Obsrvd (gpm)	Est. (gpm)	Struct	Clean	Remain (gpm)
1		0.0		5546-519 US Manhole	1	0.000	0	0	0.000	
2		8.6	1228 SOUTH LAURA	Break-In Conn	0	0.000	0	0	0.000	
3		15.8		Sealed Off Wye	1	0.000	0	0	0.000	
4		18.4		Sealed Off Wye	1	0.000	0	0	0.000	
5		36.6		Sealed Off Wye	1	0.000	0	0	0.000	
6		41.6		Sealed Off Wye	1	0.000	0	0	0.000	
7		55.7	1230 SOUTH LAURA	Break-In Conn	1	0.001	0	0	0.001	
8		64.9	1237 SOUTH PATTIE	Break-In Conn	1	0.001	0	0	0.001	
9		67.7		Sealed Off Wye	1	0.000	0	0	0.000	
10		70.4		Sealed Off Wye	1	0.000	0	0	0.000	
11		94.0	1250 SOUTH LAURA	Break-In Conn	3	0.004	2	0	0.004	
<i>(protrudes slightly / roots run up the service line)</i>										
12		96.7		Sealed Off Wye	1	0.000	0	0	0.000	
13		120.3	wye seal is broken, lets in dirt	Sealed Off Wye	4	0.000	0	0	0.000	
14		123.0		Sealed Off Wye	1	0.000	0	0	0.000	
15		131.8	1247 SOUTH PATTIE	Break-In Conn	1	0.001	0	0	0.001	
16		146.7	wye seal is broken, lets in dirt	Sealed Off Wye	3	0.000	0	0	0.000	
17		149.3	wye seal is broken, lets in dirt	Sealed Off Wye	3	0.000	0	0	0.000	
18		171.9	1254 SOUTH LAURA	PVC Break-In Conn	1	0.001	0	0	0.001	
19		174.8	wye seal is completely broken	Sealed Off Wye	3	0.000	0	0	0.000	
20		191.7		Broken Pipe	3	0.010	60	0	0.010	
21		209.8		DS Manhole 5546-518	1	0.000	0	0	0.000	