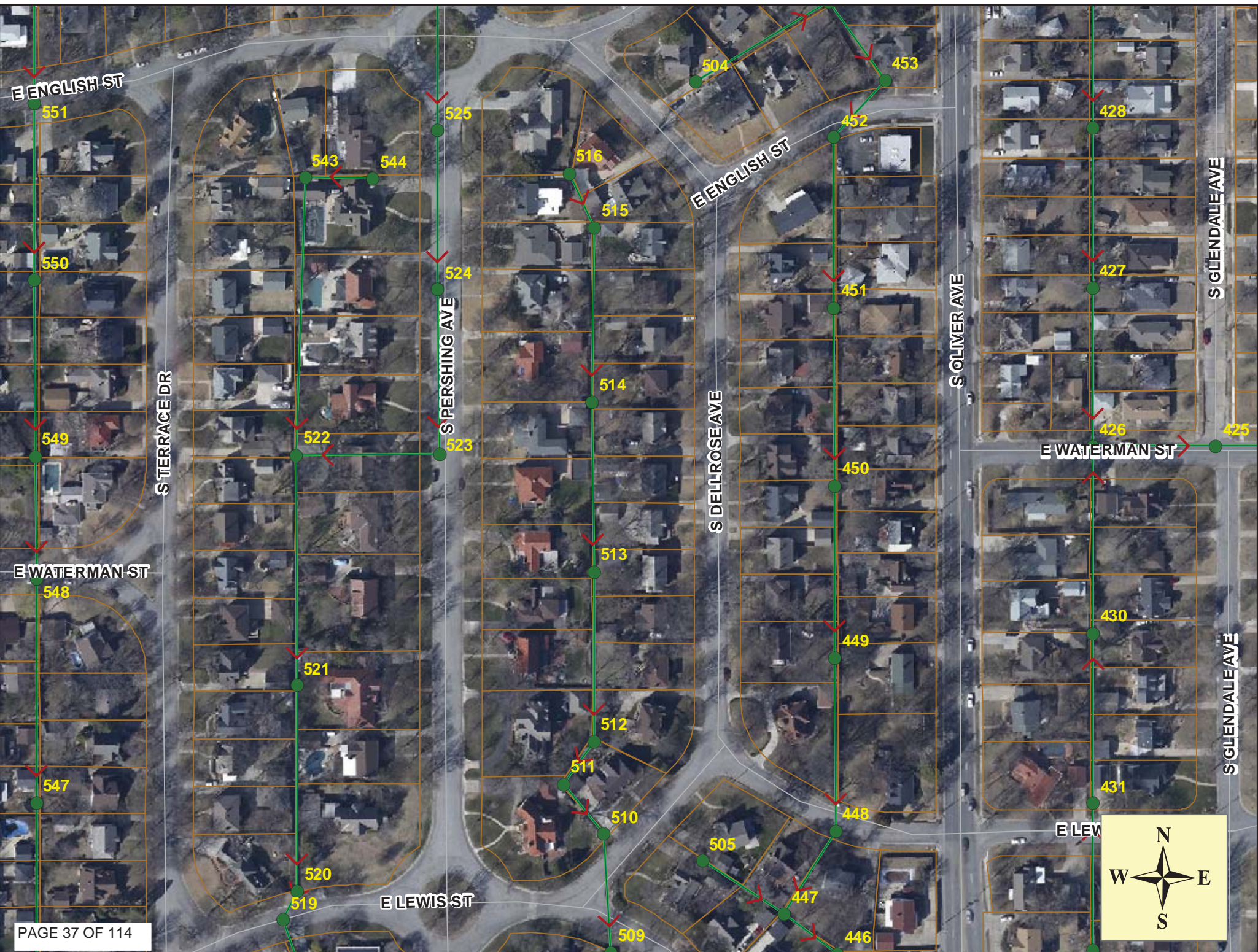


SITE 5



Video Inspection Master Report

6/28/2012
8:03 AM

US Structure: 5747-516 200 S PERSHING ST Date Insp: 4/23/2012 Basin: E04C
 DS Structure: 5747-515 231 S DELLROSE ST Dir Televised: Upstream To Downstream

Pipe Information

Shape: Round Length Status: Project No. : C-038
 Dia/Ht: 8 Material: VCP Index:
 Length: 72.5 Slope: 0.400 Surface:

Obs. #	VTR Counter	Distance	Location	Description	Rating	Ratings			
						Obsrvd (gpm)	Est. (gpm)	Struct Clean	Remain (gpm)
1		0.0		5747-516 US Manhole	1				
2		0.0	200 S PERSHING	Break-In Conn 4"	1			Manhole tap	
3		0.0	201 S DELLROSE	Break-In Conn 4"	1			Manhole tap	
4		9.2		Mat. Chngs to PVC	1				
5		21.2		Mat. Chngs back to VCP	1				
6		26.5		Sealed Off Wye	1				
7		29.2		Sealed Off Wye	1				
8		34.9		Roots	1				
9		37.9		Roots	1				
10		40.3		Roots	1				
11		45.0		Roots	1				
12		50.5		Roots	1				
13		52.2		Sealed Off Wye	1				
14		55.0		Sealed Off Wye	1				
15		60.5		Roots	1				
16		64.5	220 S PERSHING	Break-In Conn 4"	1				
17		72.7		5747-515 DS Manhole	1				

Video Inspection Master Report

6/28/2012
8:03 AM

US Structure: 5747-515 **231 S DELLROSE ST** **Date Insp:** 4/23/2012 **Basin:** E04C
DS Structure: 5747-514 **243 S DELLROSE ST** **Dir Televised:** Upstream To Downstream

Pipe Information

Project No. : C-038 **Dia:** 8 **Material:** VCP **Length:** 222.5 **Slope:** 0.400

Obs. #	VTR Counter	Distance	Location	Description	Rating	Ratings		
						Obsrvd (gpm)	Est. (gpm)	Remain (gpm)
1		0.0		5747-515 US Manhole	1			
2		3.6		Roots & broken pipe	2			
3		5.1	229 S DELLROSE / roots	Break-in Conn	5			
4		9.0		Sealed Off Wye	1			
5		10.9		Sealed Off Wye	1			
6		13.9		Roots	1			
7		19.2		Roots	3			
8		22.1		Roots	1			
9		24.7		Roots	2			
10		26.8		Roots	1			
11		32.1		Roots	3			
12		34.1		Sealed Off Wye	1			
13		36.5		Sealed Off Wye	1			
14		43.7	224 S PERSHING	Break-in Conn	1			
15		44.2	231 S DELLROSE	Break-in Conn	5			
16		50.0		Roots	2			
17		52.8		Roots	2			
18		55.4		Roots	2			
19		57.9		Roots	2			
20		60.2		Sealed Off Wye	1			
21		62.7		Sealed Off Wye	1			
22		68.0		Roots	2			
23		85.9		Sealed Off Wye	1			
24		88.2		Sealed Off Wye	1			
25		89.2		Roots	4			
26		90.0	233 S DELLROSE	Break-in Conn	4		roots around tap	
27		91.8	230 S PERSHING	Break-in Conn	1			
28		111.7		Sealed Off Wye	1			
29		114.5		Sealed Off Wye	1			
30		137.3		Sealed Off Wye	1			
31		140.1		Sealed Off Wye	1			
32		152.2	241 S DELLROSE	Extended Tap / crooked	1			
33		153.2		Crack-Horizontal	5			
34		163.0		Sealed Off Wye	1			
35		165.8		Sealed Off Wye	1			
36		176.1	240 S PERSHING	Break-in Conn	1			
37		189.4		Sealed Off Wye	1			
38		191.4		Sealed Off Wye	1			
39		205.6	243 N DELLROSE	Break-in Conn	2			
40		214.6		Sealed Off Wye	1			
41		217.1		Sealed Off Wye	1			
42		222.9		5747-514 DS Manhole	1		mineral deposits	

Video Inspection Master Report

6/28/2012
8:03 AM

US Structure: 5747-514 243 S DELLROSE ST Date Insp: 4/23/2012 Basin: E04C
 DS Structure: 5747-513 258 S PERSHING ST Dir Televised: Upstream To Downstream

Pipe Information

Shape: Round Length Status: Project No. : C-038
 Dia/Ht: 8 Material: VCP Index:
 Length: 218.4 Slope: 0.400 Surface:

Obs. #	VTR Counter	Distance	Location	Description	Rating	Ratings			
						Obsrvd (gpm)	Est. (gpm)	Struct Clean	Remain (gpm)
1		0.0		5747-514 US Manhole	1				
2		17.6		Sealed Off Wye	1				
3		20.5		Sealed Off Wye	1				
4		36.1	247 S DELLROSE / PVC	Extended Tap	2				
5		43.5		Sealed Off Wye	1				
6		46.2		Sealed Off Wye	1				
7		50.3	248 S PERSHING / PVC	Break-In Conn	1				
8		68.8		Sealed Off Wye	1				
9		71.6		Sealed Off Wye	1				
10		95.1		Sealed Off Wye	1				
11		97.2		Sealed Off Wye	1				
12		108.9	255 S DELLROSE	Wye Service	1				
13		120.2		Sealed Off Wye	1				
14		122.8		Sealed Off Wye	1				
15		129.8	250 S PERSHING	Break-In Conn	1				
16		146.2		Sealed Off Wye	1				
17		148.7		Sealed Off Wye	1				
18		172.5		Sealed Off Wye	1				
19		174.9		Sealed Off Wye	1				
20		176.1	261 S DELLROSE	Break-In Conn	1				
21		197.6		Sealed Off Wye	1				
22		199.9		Sealed Off Wye	1				
23		207.8	258 S PERSHING	Break-In Conn	1				
24		218.9		5747-513 DS Manhole	1		Mineral deposits		

Video Inspection Master Report

6/28/2012
8:03 AM

US Structure: 5747-513 258 S PERSHING ST Date Insp: 4/23/2012 Basin: E04C
 DS Structure: 5747-512 285 S DELLROSE ST Dir Televised: Upstream To Downstream

Pipe Information
 Project No. : C-038 Dia: 8 Material: VCP Length: 220.6 Slope: 0.299

Obs. #	VTR	Counter	Distance	Location	Description	Rating	Ratings		
							Obsrvd (gpm)	Est. (gpm)	Struct Clean Remain (gpm)
1			0.0		5747-513 US Manhole	1			
2			4.9		Sealed Off Wye	1			
3			7.4		Sealed Off Wye	1			
4			16.2	265 S DELLROSE	Break-In Conn	1			
5			28.5		Sealed Off Wye	1			
6			30.3		Sealed Off Wye	1			
7			53.8		Sealed Off Wye	1			
8			55.8		Sealed Off Wye	1			
9			59.3	270 S PERSHING	Break-In Conn	4			Pipe missing at tap / needs repair
10			65.4	269 S DELLROSE	Break-In Conn	5			
11			76.8		Roots	2			
12			79.5		Sealed Off Wye	1			
13			81.9		Sealed Off Wye	1			
14			90.1		Roots	3			
15			92.8		Roots	1			
16			101.8	276 S PERSHING	Break-In Conn	3			
17			104.8		Sealed Off Wye	1			
18			107.5		Sealed Off Wye	1			
19			131.3		Sealed Off Wye	1			
20			133.6		Sealed Off Wye	2			
21			143.8	273 S DELLROSE	Break-In Conn	5			Pipe missing in crown at tap / needs repair
Sewer Maintenance will schedule the tap replacement and it should be completed prior to the liner installation.									
22			154.7		Roots	2			
23			156.9		Sealed Off Wye	1			
24			159.5		Sealed Off Wye	1			
25			164.5		Roots	1			
26			182.3		Sealed Off Wye	1			
27			182.3		Crack-Horizontal	2			
28			185.0		Sealed Off Wye	1			
29			193.2	282 S PERSHING	Break-In Conn	1			
30			198.3	275 S DELLROSE / PVC	Break-In Conn	1			
31			208.0		Sealed Off Wye	1			
32			210.8		Sealed Off Wye	1			
33			220.3		5747-512 DS Manhole	1			Mineral deposits

Video Inspection Master Report

6/28/2012
8:03 AM

US Structure: 5747-512 285 S DELLROSE ST Date Insp: 4/23/2012 Basin: E04C
 DS Structure: 5747-511 285 S DELLROSE AVE Dir Televised: Upstream To Downstream

Pipe Information

Shape: Round Length Status: VCP Project No. : C-038
 Dia/Ht: 8 Material: Index:
 Length: 64.0 Slope: 0.297 Surface:

Obs. #	VTR Counter	Distance	Location	Description	Rating	Ratings		
						Obsrvd (gpm)	Est. (gpm)	Struct Clean
1		0.0		5747-512 US Manhole	1			
2		17.3	285 S DELLROSE	Break-In Conn	1			
3		23.3		Sealed Off Wye	1			
4		26.0		Sealed Off Wye	1			
5		48.5		Sealed Off Wye	1			
6		51.7		Sealed Off Wye	1			
7		63.8	<u>INSIDE GARAGE</u>	5747-511 DS Manhole	1			<u>MANHOLE IS INSIDE THE GARAGE</u>

If possible, line through MH 5747-511 and cut out only the top of the liner. Existing trough of manhole holds paper.

Video Inspection Master Report

6/28/2012
8:03 AM

US Structure: 5747-511 285 S DELLROSE AVE Date Insp: 5/7/2012 Basin: E04C
 DS Structure: 5747-510 285 S DELLROSE ST Dir Televised: Downstream To Upstream

Pipe Information

Shape: Round Length Status: Project No. : C-038
 Dia/Ht: 8 Material: VCP Index:
 Length: 81.5 Slope: 0.305 Surface:

Obs. #	VTR	Counter	Distance	Location	Description	Rating	Ratings		
							Obsrvd (gpm)	Est. (gpm)	Struct Clean (gpm)
1			0.0		5747-510 DS Manhole	1			TV AGAINST FLOW
2			10.7		Sealed Off Wye	1			
3			13.3		Sealed Off Wye	1			
4			33.8	290 S PERSHING	Break-In Conn	1			
5			36.4		Sealed Off Wye	1			
6			39.2		Sealed Off Wye	1			
7			62.3		Sealed Off Wye	1			
8			64.8		Sealed Off Wye	1			
9			81.2	<u>INSIDE GARAGE</u>	5747-511 US Manhole	1			<u>MANHOLE IS INSIDE THE GARAGE</u>