

Remove 597 lf of 8" Pipe
 Install 597 lf of 8" Pipe
 Estimated 21 Service Reconnections (4")

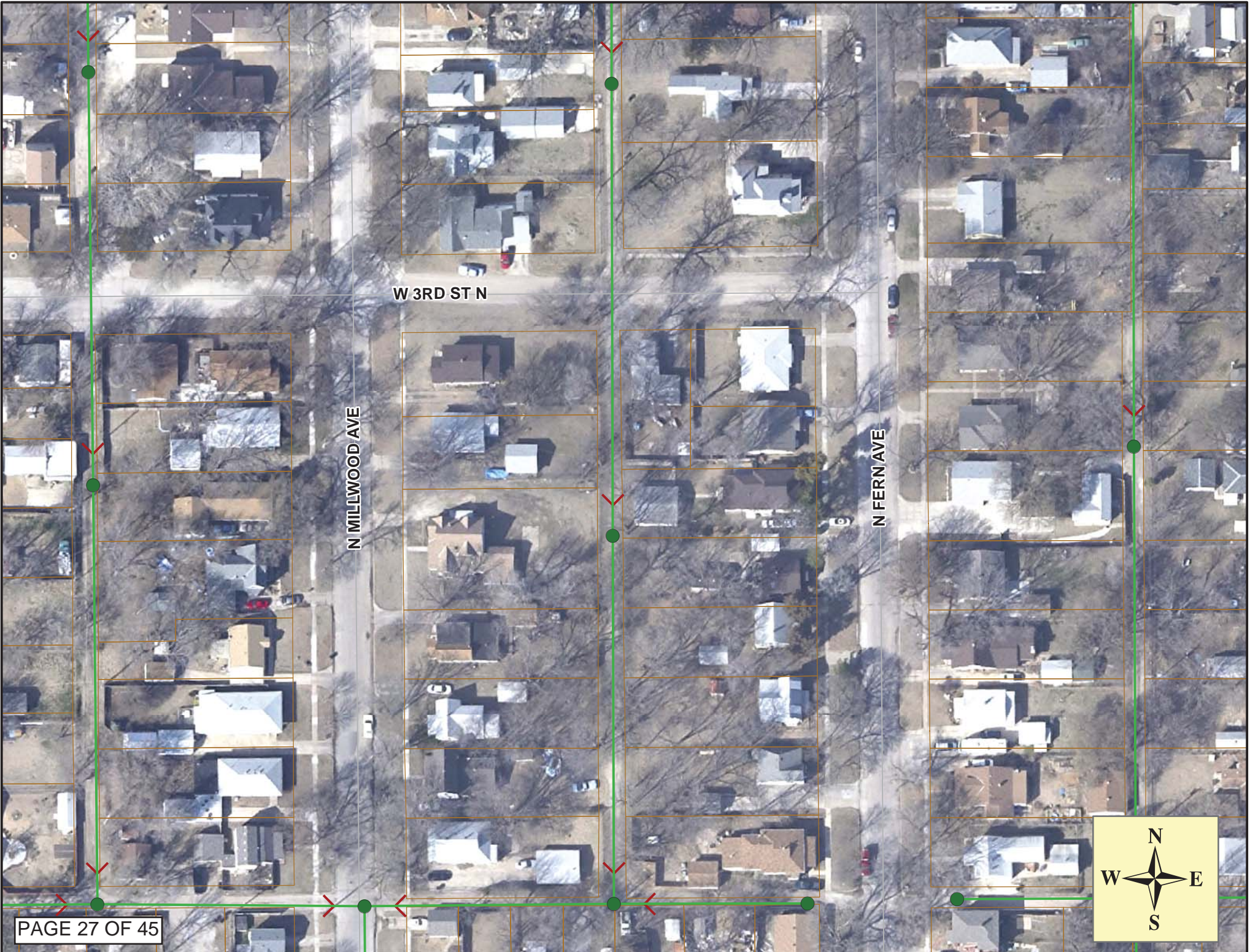
MH 5347-155
 Remove Manhole
 Construct Shallow Manhole
 Approx depth = 3.6 ft

3rd Street is not paved.
 No water or storm water
 to cross in 3rd Street.

MH 5347-152
 Remove Manhole
 Construct Shallow Manhole
 Approx depth = 4.4 ft

MH 5347-149
 Remove Manhole
 Construct Shallow Manhole
 Approx depth = 5.0 ft





W 3RD ST N

N MILLWOOD AVE

N FERN AVE



Video Inspection Master Report

9/6/2013

3:05 PM

US Structure: 5347-155 407 N FERN Date Insp: 6/5/2013 Basin: C07B
 DS Structure: 5347-152 340 N MILLWOOD AVE Dir Televised: Upstream To Downstream

Pipe Information

Shape: Round Length Status: Project No. : B-042
 Dia/Ht: 8 Material: VCP Index:
 Length: 327.0 Slope: 0.202 Surface: Alley Unpaved

Obs. #	VTR Counter	Distance	Location	Description	Rating	Ratings			
						Obsrvd (gpm)	Est. (gpm)	Struct Clean	Remain (gpm)
1		0.0	5347-155	US Manhole	1	poor grade / had to clean the line to tv			- LML
2		6.0	416 NORTH MILLWOOD	Break-In Conn	1				
3		9.1	407 NORTH FERN	Wye Service	2				
4		31.0		Broken Pipe	2				
5		31.9		Sealed Off Wye	1				
6		34.1		Sealed Off Wye	1				
7		59.1		Crack-Radial	2				
8		60.2	408 NORTH MILLWOOD	Wye Service	1				
9		62.7		Sealed Off Wye	1				
10		69.5		Crack-Radial	2				
11		82.9		Crack-Radial	2				
12		86.1		Sealed Off Wye	1				
13		88.8	407 NORTH FERN	Wye Service	1				
14		100.6		Crack-Radial	3				
15		108.2		Broken Pipe	3				
16		109.3		Observation Hole	1				
17		110.9		Broken Pipe all around the OH	3				
18		112.0	402 NORTH MILLWOOD	Wye Service	2	ROOTS			
19		114.3		Sealed Off Wye	1				
20		118.4		Crack-Radial	3				
21		196.3		Crack-Radial	3				
22		197.5		Sealed Off Wye	1				
23		199.8		Sealed Off Wye / broken seal	3	ROOTS			
24		205.5		Broken Pipe	3				
25		207.2		Observation Hole / Broken Pipe all around the OH	1				
26		212.6	352 NORTH MILLWOOD	Wye Service	2	ROOTS			
27		216.7		Crack-Radial	2				
28		223.0		Sealed Off Wye	3	ROOTS			
29		224.2		Roots	3				
30		226.0	1603 WEST 3RD ST NORTH	Wye Service	4	ROOTS / heavy roots - LML			
31		240.1		Crack-Horizontal	1				
32		249.2	348 NORTH MILLWOOD	Wye Service	1				
33		250.6		Broken Pipe	2				

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34	251.8		Sealed Off Wye	1	
35	257.2	348 NORTH MILLWOOD	Break-In Conn	1	
36	259.4	347 NORTH FERN	Wye Service	2	OFFSET, outside of main
37	261.1		Broken Pipe	3	
38	264.8	351 NORTH FERN	Wye Service	1	possibly a 6" tap?
	277.0	West wye, missed by the televisor - LML			
39	280.2		Sealed Off Wye	2	ROOTS
40	303.4		Sealed Off Wye	1	
41	306.0	345 NORTH FERN	Wye Service	3	ROOTS, heavy
42	323.7		Sealed Off Wye	2	ROOTS
43	326.3		Sealed Off Wye	3	ROOTS
44	330.3	5347-152	DS Manhole	1	

There were a lot of roots at the joints that were not called out on the tv log. - LML

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US Structure: 5347-152 340 N MILLWOOD AVE Date Insp: 6/5/2013 Basin: C07B
 DS Structure: 5347-149 314 N MILLWOOD Dir Televised: Upstream To Downstream

Pipe Information

Shape: Round Length Status: Project No. : B-042
 Dia/Ht: 8 Material: VCP Index:
 Length: 265.0 Slope: 0.200 Surface: Alley Unpaved

Obs. #	VTR Counter	Distance	Location	Description	Rating	Obsrvd (gpm)	Ratings			Remain (gpm)
							Est. (gpm)	Struct	Clean	
1		0.0	5347-152	US Manhole	1					
2		4.8		Broken Pipe	3					
3		7.3		Broken Pipe	4	CAVITY				
4		7.4	340 NORTH MILLWOOD	Wye Service	4	CAVITY				
5		9.4		Broken Pipe	3					
6		12.3		Broken Pipe	3					
7		14.7	343 NORTH FERN	Break-In Conn	1					
8		18.0	BROKEN PIPE	Infiltration	2					
9		19.1	340 NORTH MILLWOOD	Wye Service	1					
10		21.6		Sealed Off Wye	1					
11		47.3		Sealed Off Wye	1					
12		50.1	343 NORTH FERN	Wye Service	1	APPEARS ABANDON				
13		67.7		Observation Hole	1					
14		69.3		Broken Pipe	2					
15		70.6		Sealed Off Wye	1					
16		73.0	343 NORTH FERN	Wye Service	1					
17		82.4		PR Starts - Mat. Chngs to PVC	1					
18		85.3	336 NORTH MILLWOOD / PVC tap	Break-In Conn	1					
19		86.6		PR Ends - Mat. Chngs to VCP	1					
20		87.5		Broken Pipe	3					
21		92.8		Crack-Radial	2					
22		96.4		Sealed Off Wye	1					
23		98.9		Sealed Off Wye	1					
24		118.5		Broken Pipe	2					
25		121.9		Sealed Off Wye	1					
26		124.6	335 NORTH FERN	Wye Service	2	ROOTS				
27		141.3		Broken Pipe	2					
28		147.7	326 NORTH MILLWOOD	Wye Service	3					
29		149.9		Sealed Off Wye	3	ROOTS				
30		159.1		Broken Pipe	2					

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 DS Structure: 5347-149 314 N MILLWOOD Dir Televised: Upstream To Downstream

31	168.2		Observation Hole	1	
32	170.7		Sealed Off Wye	1	
33	172.1		Crack-Horizontal	2	
34	173.5		Sealed Off Wye	1	
35	176.0	333 NORTH FERN	PVC Break-In Conn	1	
36	182.6		Crack-Horizontal	3	
37	196.3	320 NORTH MILLWOOD	Wye Service	1	poor grade in this area - LML
38	199.0	323 NORTH FERN	Wye Service	3	
39	216.2		Sag begins	1	
40	220.7		Sag ends	1	water was over the camera lens - LML
41	222.5	314 NORTH MILLWOOD	Wye Service	4	ROOTS - heavy roots - LML
42	224.5		Sealed Off Wye	1	
43	234.2		Crack-Radial	2	
44	236.8		Crack-Horizontal	2	
45	247.9		Sealed Off Wye	1	
46	249.6		Crack-Horizontal	2	
47	250.5	313 NORTH FERN	Wye Service	1	
48	266.5	5347-149	DS Manhole	1	