

Remove 350 lf of 6" pipe / Install 350 lf of 8" pipe
from MH 5744-742 to MH 5744-736
See site pictures / Contractor should review the site

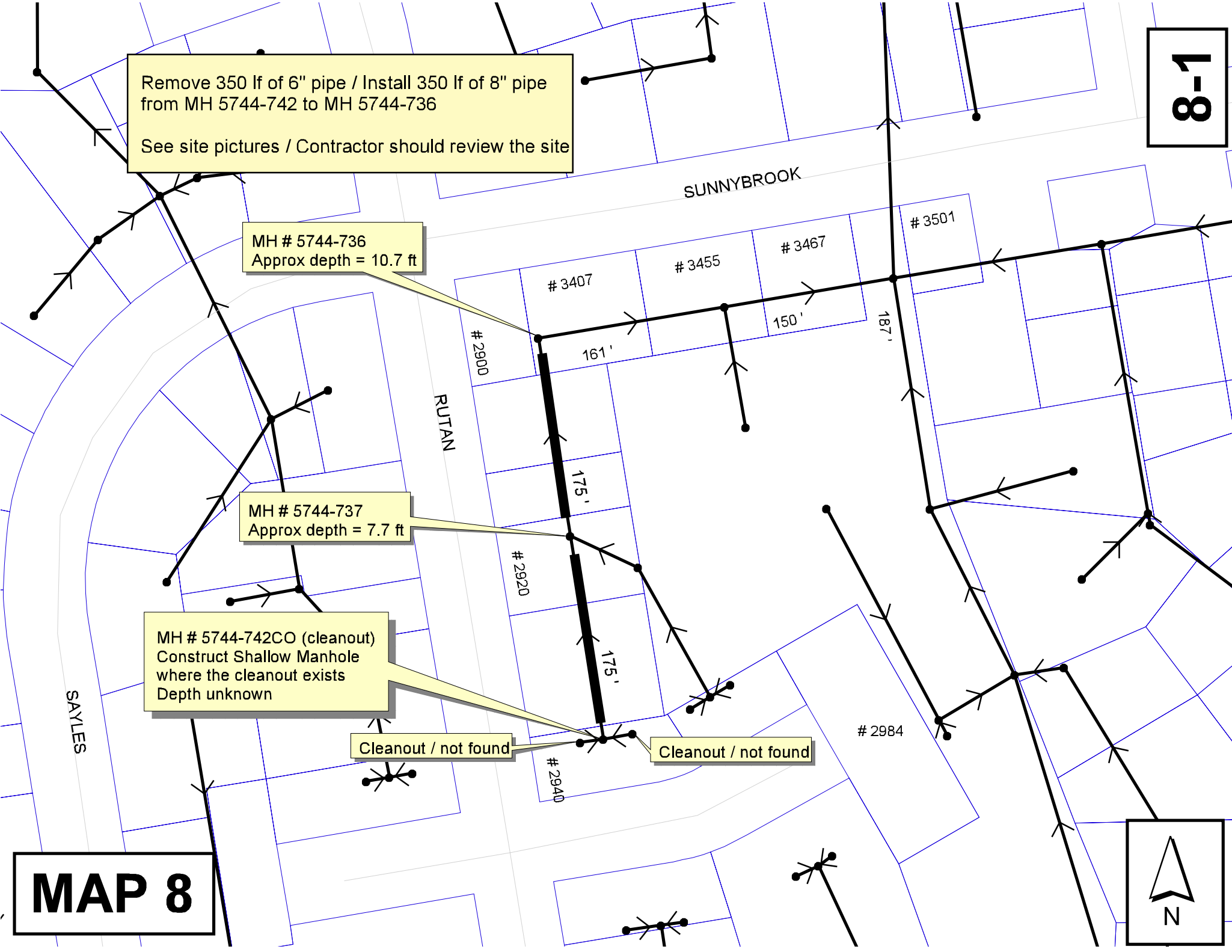
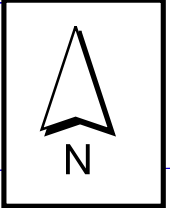
MH # 5744-736
Approx depth = 10.7 ft

MH # 5744-737
Approx depth = 7.7 ft

MH # 5744-742CO (cleanout)
Construct Shallow Manhole
where the cleanout exists
Depth unknown

Cleanout / not found

Cleanout / not found



SUNNYBROOK

RUTAN



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Television Inspection Master Report

11/10/2003
7:39:54AM
C01B

US Manhole: 5744-742CO
DS Manhole: 5744-737 2920 S RUTAN CT

Date Insp: 11/5/2003 Basin:

Dir Televised: Downstream To Upstream

Pipe Information

Shape: Round	Length Status:	Project No.: I-060
Dia/Ht Width: 6	Material: VCP	Index:
Length: 175.0	Slope: 2.635	Surface:
Pipe Sec Length:	Comment:	

Inspection Information

Crew: 694	Percent Full: 10	Tape ID: V-4118
Weather: Cloudy	Purpose: TV Existing Line	Counter Start: 16;30
Surface Cond: Trees & Fences	Flow: Normal Flow	Counter Stop:
Dyed Test: No		

Obs. #	VTR Counter Comment	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings			
								Struct	Clean	Remain (gpm)	
1		0.0	DS Manhole 5744-737								
2		1.0	Crown	Crack-Horizontal	3		0.004	5	0	0.004	
3		3.0	Crown	Crack-Horizontal	3		0.004	5	0	0.004	
4		13.0	West	Break-In Conn	1		0.001	0	0	0.001	
	2920 S. RUTAN										
5		14.0	Crown	Crack-Radial	3		0.004	5	0	0.004	
6		29.0	Invert	Crack-Radial	3		0.004	5	0	0.004	
7		36.0	Quad 1 / U-Rt	Crack-Horizontal	3		0.004	5	0	0.004	
8		39.0	West	Break-In Conn	1		0.001	0	0	0.001	
	2924 S. RUTAN										
9		50.0	Crown	Crack-Horizontal	3		0.004	5	0	0.004	
10		68.0	Quad 4 / U-Lt	Crack-Radial	3		0.004	5	0	0.004	
11		69.0	Invert	Crack-Radial	3		0.004	5	0	0.004	
12		86.0	West	Wye Service	1		0.000	0	0	0.000	
	2928 S. RUTAN										
13		90.0	Crown	Crack-Radial	3		0.004	5	0	0.004	
14		109.0	Joint	Roots	2		0.004	2	4	0.004	
15		114.0	Crown	Crack-Radial	3		0.004	5	0	0.004	
16		116.0	West	Wye Service	1		0.000	0	0	0.000	
	2936 S. RUTAN										
17		124.0	Joint	Roots	3		0.008	5	8	0.008	
18		135.0	Joint	Roots	4		0.010	10	25	0.010	
19		144.0	West	Wye Service	1		0.000	0	0	0.000	
	2936 S. RUTAN										
20		150.0	Joint	Roots	3		0.008	5	8	0.008	
21		177.0	US CLEANOUT 5744-742								

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Television Inspection Master Report

11/10/2003
7:39:54AM
C01B

US Manhole: 5744-737
DS Manhole: 5744-736

2920 S RUTAN CT
3407 E SUNNYBROOK ST

Date Insp: 11/3/2003

Basin:

Dir Televised: Upstream To Downstream

Pipe Information

Shape:	Round	Length Status:	Project No.:	I-060
Dia/Ht Width:	6	Material:	VCP	Index:
Length:	175.0	Slope:	2.914	Surface:
Pipe Sec Length:	Comment:			

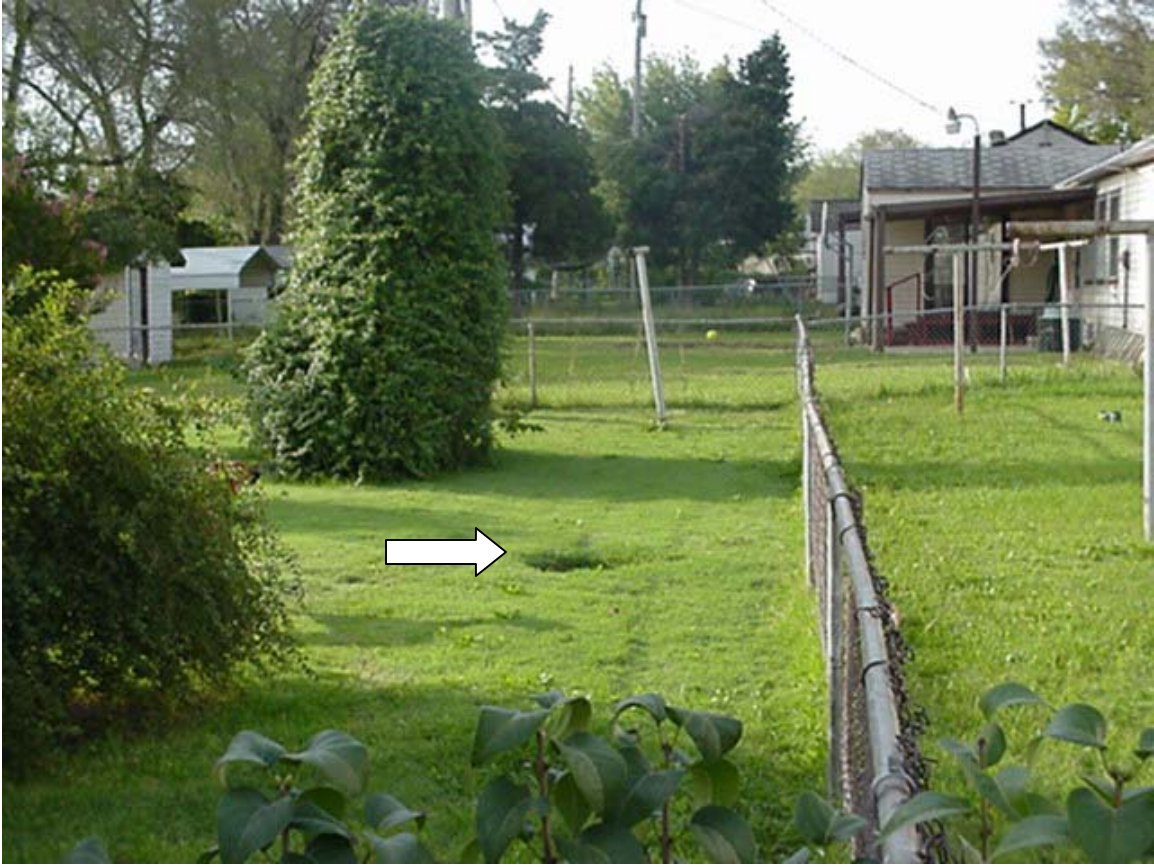
Inspection Information

Crew:	694	Percent Full:	10	Tape ID:	V-4118
Weather:	Cloudy	Purpose:	TV Existing Line	Counter Start:	0;0
Surface Cond:	Trees & Fences	Flow:	Normal Flow	Counter Stop:	
Dyed Test:	No				

Obs. #	VTR Counter Comment	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)	
1		0.0	US Manhole 5744-737								
2		4.0	Crown	Crack-Horizontal	3		0.004	5	0	0.004	
3		7.0	East	Wye Service / VACANT LOT							
4		8.0	Quad 3 / L-Lt	Crack-Radial	3		0.004	5	0	0.004	
5		22.0	Crown	Crack-Horizontal	3		0.004	5	0	0.004	
6		29.0	Quad 4 / U-Lt	Crack-Horizontal	3		0.004	5	0	0.004	
7		32.0	Quad 3 / L-Lt	Crack-Horizontal	3		0.004	5	0	0.004	
8		33.0	Crown	Crack-Radial	3		0.004	5	0	0.004	
9		36.0	West	Break-In Conn	1		0.001	0	0	0.001	
	2916 S. RUTAN										
10		45.0	Quad 1 / U-Rt	Broken Pipe	3		0.010	60	0	0.010	
11		80.0	West	Wye Service	1		0.000	0	0	0.000	
	2908 S. RUTAN										
12		81.0	Quad 3 / L-Lt	Crack-Radial	2		0.002	2	0	0.002	
13		82.0	Quad 2 / L-Rt	Crack-Horizontal	3		0.004	5	0	0.004	
14		87.0	East	Wye Service / VACANT LOT							
15		111.0	Quad 3 / L-Lt	Broken Pipe	3		0.010	60	0	0.010	
16		111.0	West	Break-In Conn	1		0.001	0	0	0.001	
	2904 S. RUTAN										
17		118.0	West	Wye Service / VACANT LOT							
18		138.0	Crown	Crack-Radial	3		0.004	5	0	0.004	
19		145.0	Quad 2 / L-Rt	Crack-Radial	3		0.004	5	0	0.004	
20		146.0	West	Wye Service / VACANT LOT							
21		155.0	West	Break-In Conn	5		0.010	400	0	0.010	
	2904 S. RUTAN										
22		166.0	Joint	Offset	3		0.010	20	0	0.010	
23		166.0	Joint	Roots	2		0.004	2	4	0.004	
24		173.0	DS Manhole 5744-736							0.000	

A lot of roots in the pipe

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Standing north of MH 5744-736, looking south.
MH 5744-736 has the arrow pointing to it.



Standing north of 5744-742CO (cleanout), looking north.

Cleanout 5744-742CO is located on the north side of a small shed. 2940 S. Rutan

The line goes under a building as shown in the picture.

Contractor may want to swing the new line further east to avoid the building, and construct manhole 5744-742 up to approx 25 ft further east at 2940 S. Rutan.

(see easement sheet) Any relocation must be approved by the field engineer and will not change the contract amount. Any proposed relocation will include the extension of services and replacement of sidewalk.