

INDIANA

CLEVELAND

MATHEWSON

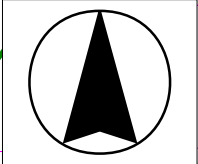
8-1

Remove and replace 185 lf of 8" pipe  
Remove and replace approx.  
190 lf of Asphalt Pavement

MH # 5548-177  
Reconstruct Special  
Shallow Manhole  
Approx depth = 2.1 ft

MH # 5548-175  
Reconstruct Special  
Shallow Manhole  
Approx depth = 3.3 ft

SITE 8



320'

321'

# 1005

# 1002

9TH STREET NORTH

180'

185'

185'

172'

# 929

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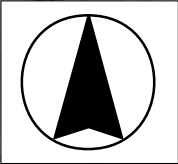
MATHEWSON

CLEVELAND

INDIANA

9TH

Aerial View



# Television Inspection Master Report

3/11/2004  
2:46:41PM

**US Manhole:** 5548-177      1418 E 9TH N ST      **Date Insp:** 10/22/2003      **Basin:** C03C  
**DS Manhole:** 5548-175      1002 N CLEVELAND ST

**Pipe Information**

Shape: Round      Length Status:      Project No.: B-122  
 Dia/Ht Width: 8      0      Material: VCP      Index:  
 Length: 184.7      Slope: 1.000      Surface:

**Inspection Information**

Crew: 692      Percent Full: 10      Tape ID: 4096  
 Weather: Sunny      Purpose: TV Existing Line      Counter Start: 11.47  
 Surface Cond: N/A      Flow: Normal Flow      Counter Stop:

**Maintenance Prior to TV:**

Cleaned: 1      Degrease: 0      Point Repair: 0      Manhole Replace: 0  
 Root Cut: 0      Root Chem: 0      Other:  
 Overall Cond: Fair      Total      Remaining      Rating  
 Collapsed/Blk: Y      Structural: 1249      1249      726.2  
 Max Obs #: 48      Flow: 0.360      0.360      0.209  
 Max Obs Length: 172.0      Cleaning: 0      0      0.0

Obs. #	VTR Counter Comment	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1		0.0	US Manhole							0.000
2		11.0	Quad 4 / U-Lt	Crack-Radial	3		0.004	5	0	0.004
3		13.0	Quad 1 / U-Rt	Broken Pipe	2		0.008	44	0	0.008
4		14.0	Quad 4 / U-Lt	Crack-Radial	3		0.004	5	0	0.004
5		21.0	Quad 1 / U-Rt	Crack-Radial	3		0.004	5	0	0.004
6		24.0	Crown	Broken Pipe	2		0.008	44	0	0.008
7		26.0	Quad 1 / U-Rt	Crack-Radial	3		0.004	5	0	0.004
8		28.0	Crown	Broken Pipe	3		0.010	60	0	0.010
9		31.0	Crown	Broken Pipe	2		0.008	44	0	0.008
10		38.0	Crown	Crack-Radial	3		0.004	5	0	0.004
11		41.0	Crown	Broken Pipe	2		0.008	44	0	0.008
12		45.0	Crown	Broken Pipe	4		0.030	78	0	0.030
13		45.0	Crown	Broken Pipe	4		0.030	78	0	0.030
14		48.0	Quad 4 / U-Lt	Crack-Radial	3		0.004	5	0	0.004
15		51.0	Crown	Crack-Radial	3		0.004	5	0	0.004
16		54.0	Crown	Broken Pipe	2		0.008	44	0	0.008
17		64.0	Crown	Broken Pipe	2		0.008	44	0	0.008
18		69.0	Crown	Broken Pipe	2		0.008	44	0	0.008
19		82.0	Quad 4 / U-Lt	Crack-Radial	3		0.004	5	0	0.004
20		89.0	Quad 4 / U-Lt	Crack-Radial	3		0.004	5	0	0.004
21		91.0	Crown	Broken Pipe	2		0.008	44	0	0.008
22		94.0	Crown	Crack-Horizontal	3		0.004	5	0	0.004
23		96.0	Crown	Observation Hole						
24		97.0	Invert	Broken Pipe	2		0.008	44	0	0.008
25		99.0	Quad 3 / L-Lt	Crack-Horizontal	3		0.004	5	0	0.004
26		102.0	Quad 4 / U-Lt	Crack-Horizontal	3		0.004	5	0	0.004
27		104.0	Quad 1 / U-Rt	Crack-Radial	3		0.004	5	0	0.004
28		107.0	Quad 3 / L-Lt	Crack-Horizontal	3		0.004	5	0	0.004
29		111.0	Quad 4 / U-Lt	Crack-Radial	3		0.004	5	0	0.004

**8-3**

# Television Inspection Master Report

3/11/2004  
2:46:41PM

**US Manhole:** 5548-177      1418 E 9TH N ST      **Date Insp:** 10/22/2003      **Basin:** C03C  
**DS Manhole:** 5548-175      1002 N CLEVELAND ST

30	114.0	Crown	Crack-Radial	3	0.004	5	0	0.004
31	117.0	Crown	Crack-Radial	3	0.004	5	0	0.004
32	119.0	Crown	Broken Pipe	3	0.010	60	0	0.010
33	121.0	Quad 1 / U-Rt	Crack-Radial	3	0.004	5	0	0.004
34	124.0	Quad 1 / U-Rt	Crack-Radial	3	0.004	5	0	0.004
35	127.0	Crown	Broken Pipe	2	0.008	44	0	0.008
36	132.0	Crown	Broken Pipe	2	0.008	44	0	0.008
37	134.0	Crown	Broken Pipe	2	0.008	44	0	0.008
38	137.0	Crown	Broken Pipe	2	0.008	44	0	0.008
39	139.0	Crown	Broken Pipe	2	0.008	44	0	0.008
40	142.0	Crown	Broken Pipe	2	0.008	44	0	0.008
41	149.0	Crown	Broken Pipe	2	0.008	44	0	0.008
42	152.0	Crown	Crack-Radial	3	0.004	5	0	0.004
43	157.0	Crown	Crack-Radial	3	0.004	5	0	0.004
44	159.0	Crown	Broken Pipe	2	0.008	44	0	0.008
45	162.0	Joint	PVC PIPE BEGINS					
46	170.0	Joint	PVC PIPE ENDS					
47	171.0	Joint	Offset	4	0.030	60	0	0.030
48	172.0	<b>Camera Blocked</b>	<b>Offset Joint</b>	4	0.030	60	0	0.030

## REVERSE SETUP:

**US Manhole:** 5548-177      1418 E 9TH N ST      **Date Insp:** 10/22/2003      **Basin:** C03C  
**DS Manhole:** 5548-175      1002 N CLEVELAND ST

**Dir Televised:** Downstream To Upstream

Obs. #	VTR Counter Comment	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings		
								Struct	Clean	Remain (gpm)
1		0.0	DS Manhole ( tv against the flow )							0.000
2		11.0	Joint	Offset	3		0.010	20	0	0.010
3		14.0	Joint	PVC PIPE STARTS						
4		15.0	<b>Camera Blocked</b>	<b>Offset Joint</b>	3		0.010	20	0	0.010

OFFSET POSSIBLY TWO INCHES. PIPE MUST BE REPLACED

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