

**CONTRACT #2025-28**

**CURED IN PLACE SEWER PIPELINE  
REHABILITATION PROJECT  
F/Y 25-1**

**APPENDIX B**

**INSPECTION NOTES**

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 9/6/2022	12:34 PM	Project Number:	Weather: Cloudy
Investigator: Adam Mischel		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index: W TRUNKS

US Structure: 3390	Upstream Address	2030 W 9TH ST	Depth: 10.42
DS Structure: 3391	Downstream Address	900 CRABTREE AV	Depth: 12.00

TV Direction: Upstream to Downstream	Length (ft): 320.68	324.70 Last Obs (ft)	Slope %: 0.27%
Pipe Shape: Round	Pipe Size: 27	Material: RCP	Surface: Asphalt

Short Comment: Please review this Pipe for INI issues. It needs to be CIPP b/c of INI. see W/O 21-000498

Overall Condition:

**Comments:** Inspection of 27" RCP, with the flow, at MH #3390 east towards MH #3391

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>	<u>Comments</u>
0.00		MH	MANHOLE
0.00		SWF	START WITH THE FLOW
15.30	9	3 ISJ	INFILTRATION SEEPER AT JOINT
29.60	1	SLI	START A LATERAL INSPECTION
69.00	1	SLI	START A LATERAL INSPECTION
69.00	11	SLI	START A LATERAL INSPECTION
110.80	12	CN	CONNECTION
116.00	7	IGJ	INFILTRATION GUSHER AT JOINT
119.70	11	IRJ	INFILTRATION RUNNER AT JOINT
128.60	9	IRJ	INFILTRATION RUNNER AT JOINT
150.10	11	SLI	START A LATERAL INSPECTION
170.50	5	IGJ	INFILTRATION GUSHER AT JOINT
183.50	12	CN	CONNECTION
201.00	11	IRJ	INFILTRATION RUNNER AT JOINT
221.70	3	IRJ	INFILTRATION RUNNER AT JOINT
223.00		PT	PLUGGED TEE
225.00	11	IRJ	INFILTRATION RUNNER AT JOINT
228.00	4	8 IRJ	INFILTRATION RUNNER AT JOINT
268.30	12	CN	CONNECTION
307.70	12	CN	CONNECTION
324.70		MH	MANHOLE
324.70		SI	STOP INSPECTION

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 5/11/2023	10:16 AM	Project Number: CSO 37	Weather: Cloudy
Investigator: Adam Mischel		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index:

US Structure: 2128	Upstream Address	224 E 23RD ST	Depth: 11.50
DS Structure: 2137	Downstream Address	300 E 24TH ST	Depth: 12.25

TV Direction: Upstream to Downstream	Length (ft): 358.00	Record Drawings	358.00 Last Obs (ft)	Slope %: 0.00%
Pipe Shape: Round	Pipe Size: 24	Material: VCP	Surface: Landscaping, tree, fences	

Short Comment: Added HIF to this pipe B/c there are severe cracks and INI throughout. -AH 5/15/23

Overall Condition:

**Comments:** Inspection of 24" VCP, with the flow, at MH #2128 south towards MH #2137

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>	<u>Comments</u>
0.00		SWF	START WITH THE FLOW
0.00		MH	MANHOLE MH #2128
122.80	12	IRJ	INFILTRATION RUNNER AT JOINT
358.00		SI	STOP INSPECTION
358.00		MH	MANHOLE MH #2137

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 4/21/2022 10:44 AM Project Number: Weather: Cloudy  
 Investigator: Adam Mischel Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index: HC2B-15

US Structure: 3957 Upstream Address Depth: 18,898  
 DS Structure: 11345 Downstream Address Depth:

TV Direction: Upstream to Downstream Length (ft): 321.47 307.40 Last Obs (ft) Slope %: 0.08%  
 Pipe Shape: Round Pipe Size: 24 Material: VCP Surface: Asphalt

Short Comment:

Overall Condition:

**Comments:** Inspection of 24" VCP, with the flow, at MH #3957 east towards MH #3952

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00		MH	MANHOLE	MH #3957
0.00		SWF	START WITH THE FLOW	
8.00	10	SLI	START A LATERAL INSPECTION	
43.70	2	SLI	START A LATERAL INSPECTION	
92.30	10	SLI	START A LATERAL INSPECTION	
102.30	2	SLI	START A LATERAL INSPECTION	
118.80	10	SLI	START A LATERAL INSPECTION	
142.10	10	SLI	START A LATERAL INSPECTION	
146.40	2	SLI	START A LATERAL INSPECTION	
172.60	10	CN	CONNECTION	Full of silt, appears not active
174.10	12	CLJ	CRACK LONGITUDINAL AT JOINT	
176.70	10	SLI	START A LATERAL INSPECTION	
258.70	12	CLJ	CRACK LONGITUDINAL AT JOINT	
259.50	10	CN	CONNECTION	Full of silt, appears not active
304.20	10	CN	CONNECTION	Full of silt, appears not active
307.40	3	CLJ	CRACK LONGITUDINAL AT JOINT	

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 9/4/2024	10:33 AM	Project Number: 09-000870	Weather: Cloudy
Investigator: Adam Mischel		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index: HC9-25

US Structure: 9242	Upstream Address 811 FREDERICA ST	Depth: 9.40
DS Structure: 9243	Downstream Address	Depth: 0.00

TV Direction: Upstream to Downstream	Length (ft): 54.80	72.30 Last Obs (ft)	Slope %: 0.09%
Pipe Shape: Round	Pipe Size: 21	Material: VCP	Surface: Asphalt

Short Comment:

Overall Condition:

**Comments:** Inspection of 21" VCP, with the flow, at MH #9242 south towards MH #9243

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00		MH	MANHOLE	MH #9242
0.00		SWF	START WITH THE FLOW	
5.60	11	SI	STOP INSPECTION	
13.60	3	ISJ	INFILTRATION SEEPER AT JOINT	
17.20	8	ISJ	INFILTRATION SEEPER AT JOINT	
19.40	9	ISJ	INFILTRATION SEEPER AT JOINT	
29.60	4	ISJ	INFILTRATION SEEPER AT JOINT	
31.70	9	ISJ	INFILTRATION SEEPER AT JOINT	
32.90	11	SLI	START A LATERAL INSPECTION	
49.60	8	10 ISJ	INFILTRATION SEEPER AT JOINT	
52.20	4	8 ISJ	INFILTRATION SEEPER AT JOINT	
54.10	3	ISJ	INFILTRATION SEEPER AT JOINT	
58.60	9	ISJ	INFILTRATION SEEPER AT JOINT	
60.30	4	8 ISJ	INFILTRATION SEEPER AT JOINT	
64.40	8	ISJ	INFILTRATION SEEPER AT JOINT	
66.90	9	ISJ	INFILTRATION SEEPER AT JOINT	
68.70		MC	MATERIAL CHANGES	VCP to RCP
68.70	3	4 ISJ	INFILTRATION SEEPER AT JOINT	
72.30		MH	MANHOLE	MH #9243
72.30		SI	STOP INSPECTION	

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 5/20/2014  
 Investigator: Daniel Howe  
 Purpose: TV Existing Line

Project Number:  
 Tape ID Number:  
 Street:

Weather: Sunny  
 Maint. Prior: 0  
 Index: HC11-25

US Structure: 4343 Upstream Address Depth: 9,807  
 DS Structure: 10414 Downstream Address Depth:

TV Direction: Upstream to Downstream Length (ft): 332.30 GPS Points 321.40 Last Obs (ft) Slope %: 0.24%  
 Pipe Shape: Round Pipe Size: 21 Material: VCP Surface: Concrete

Short Comment:  
 Overall Condition:

**Comments:** We are filming 21" VCP main from M/H #4343 @ E. 21st St. / Center St. to M/H #1153 @ E. 21st St. / Hathaway St.

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00		MH	MANHOLE	M/H #4343 @ E. 21st St. / Center St.
0.00		SWF	START WITH THE FLOW	
4.70	7	5	CMJ	CRACKS MULTIPLE AT JOINT
8.00	7	5	CMJ	CRACKS MULTIPLE AT JOINT
16.80	9		CLJ	CRACK LONGITUDINAL AT JOINT
17.10	8		IS	INFILTRATION SEEPER
29.70	7	5	CMJ	CRACKS MULTIPLE AT JOINT
32.70	7	5	CMJ	CRACKS MULTIPLE AT JOINT
35.40	7	5	CMJ	CRACKS MULTIPLE AT JOINT
45.00	7	5	CMJ	CRACKS MULTIPLE AT JOINT
47.70	7	5	CMJ	CRACKS MULTIPLE AT JOINT
48.30	9		SLI	START A LATERAL INSPECTION
50.80	8	5	CMJ	CRACKS MULTIPLE AT JOINT
58.30	7	5	CMJ	CRACKS MULTIPLE AT JOINT
58.70	3		SLI	START A LATERAL INSPECTION
59.90	7	5	CMJ	CRACKS MULTIPLE AT JOINT
61.10	9		PT	PLUGGED TEE
65.00	7	5	CMJ	CRACKS MULTIPLE AT JOINT
67.20	7	5	CMJ	CRACKS MULTIPLE AT JOINT
70.10	7	5	CMJ	CRACKS MULTIPLE AT JOINT
72.60	7	5	CMJ	CRACKS MULTIPLE AT JOINT
75.10	7	5	CMJ	CRACKS MULTIPLE AT JOINT
77.60	7	5	CMJ	CRACKS MULTIPLE AT JOINT
80.30	7	5	CMJ	CRACKS MULTIPLE AT JOINT
82.80	7	5	CMJ	CRACKS MULTIPLE AT JOINT
85.60	7	5	CMJ	CRACKS MULTIPLE AT JOINT
90.90	7	5	CMJ	CRACKS MULTIPLE AT JOINT
92.90	7	5	CMJ	CRACKS MULTIPLE AT JOINT
95.10	7	5	CMJ	CRACKS MULTIPLE AT JOINT
97.10	3		SLI	START A LATERAL INSPECTION
99.40	3		PT	PLUGGED TEE
100.40	6	5	CMJ	CRACKS MULTIPLE AT JOINT

## **Regional Water Resource Agency Detailed Pipe Segment Report**

101.80	9		SLI	START A LATERAL INSPECTION
105.80	7	5	CMJ	CRACKS MULTIPLE AT JOINT
118.80	8	5	CMJ	CRACKS MULTIPLE AT JOINT
121.00	7	5	CMJ	CRACKS MULTIPLE AT JOINT
125.60	7	5	CMJ	CRACKS MULTIPLE AT JOINT
128.70	7	5	CMJ	CRACKS MULTIPLE AT JOINT
130.70	5		RFJ	ROOTS FINE AT JOINT
130.70	7	5	CMJ	CRACKS MULTIPLE AT JOINT
136.10	7	5	CMJ	CRACKS MULTIPLE AT JOINT
141.00	7	5	CMJ	CRACKS MULTIPLE AT JOINT
143.60	7	5	CMJ	CRACKS MULTIPLE AT JOINT
147.00	10		PT	PLUGGED TEE
147.70	9		SLI	START A LATERAL INSPECTION
150.00	3		SLI	START A LATERAL INSPECTION
154.20	7	5	CMJ	CRACKS MULTIPLE AT JOINT
156.60	7	5	CMJ	CRACKS MULTIPLE AT JOINT
158.60	7	5	CMJ	CRACKS MULTIPLE AT JOINT
161.20	7	5	CMJ	CRACKS MULTIPLE AT JOINT
164.80	7	5	CMJ	CRACKS MULTIPLE AT JOINT
169.10	7	5	CMJ	CRACKS MULTIPLE AT JOINT
171.90	7	5	CMJ	CRACKS MULTIPLE AT JOINT
174.00	7	5	CMJ	CRACKS MULTIPLE AT JOINT
178.80	7	5	CMJ	CRACKS MULTIPLE AT JOINT
181.40	7	5	CMJ	CRACKS MULTIPLE AT JOINT
194.00	7	5	CMJ	CRACKS MULTIPLE AT JOINT
197.70	9		SLI	START A LATERAL INSPECTION
200.50	3		SLI	START A LATERAL INSPECTION
206.70	7	5	CMJ	CRACKS MULTIPLE AT JOINT
210.10	7	5	CMJ	CRACKS MULTIPLE AT JOINT
230.30	7	5	CMJ	CRACKS MULTIPLE AT JOINT
245.70	7	5	CMJ	CRACKS MULTIPLE AT JOINT
248.60	9		SLI	START A LATERAL INSPECTION
250.80	7	5	CMJ	CRACKS MULTIPLE AT JOINT
252.20	3		SLI	START A LATERAL INSPECTION
258.60	7	5	CMJ	CRACKS MULTIPLE AT JOINT
260.70	7	6	CMJ	CRACKS MULTIPLE AT JOINT
267.10	7	4	CMJ	CRACKS MULTIPLE AT JOINT
268.50	6	5	CMJ	CRACKS MULTIPLE AT JOINT
271.60	7	5	CMJ	CRACKS MULTIPLE AT JOINT
274.20	7	4	CMJ	CRACKS MULTIPLE AT JOINT
278.60	7	5	CMJ	CRACKS MULTIPLE AT JOINT
284.00	7	5	CMJ	CRACKS MULTIPLE AT JOINT
285.50	7	5	CMJ	CRACKS MULTIPLE AT JOINT
294.30	3		SLI	START A LATERAL INSPECTION
297.10	9		SLI	START A LATERAL INSPECTION

## ***Regional Water Resource Agency Detailed Pipe Segment Report***

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297.80	7	5	CMJ	CRACKS MULTIPLE AT JOINT
300.50	7	5	CMJ	CRACKS MULTIPLE AT JOINT
304.10	7	5	CMJ	CRACKS MULTIPLE AT JOINT
308.40	7	5	CMJ	CRACKS MULTIPLE AT JOINT
321.40	7	4	CMJ	CRACKS MULTIPLE AT JOINT

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# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 6/2/2022 9:42 AM Project Number: 08-001811 Weather: Sunny  
 Investigator: Adam Mischel Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index: Western Trunks 4

US Structure: 3346 Upstream Address 1230 INDEPENDENCE AV Depth: 12.33  
 DS Structure: 3331 Downstream Address 1202 INDEPENDENCE AV Depth: 10.50

TV Direction: Upstream to Downstream Length (ft): 322.90 322.60 Last Obs (ft) Slope %: 0.47%  
 Pipe Shape: Round Pipe Size: 21 Material: VCP Surface: Concrete

Short Comment: Added HIF to this pipe b/c it is deep and has INI and cracks throughout. -AH 6/12/23

Overall Condition:

**Comments:** Inspection of 21" VCP, with the flow, at MH #3346 north towards MH #3331

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00			SWF	START WITH THE FLOW
0.00			MH	MANHOLE MH #3346
0.00			CN	CONNECTION W in MH #3346
8.00	12	12	RS	REPAIRED SECTION PVC
24.10	12	12	RS	REPAIRED SECTION PVC
36.10	12	12	RS	REPAIRED SECTION PVC
46.10	12	12	RS	REPAIRED SECTION PVC
50.50	2		SLI	START A LATERAL INSPECTION
53.00	11		SLI	START A LATERAL INSPECTION
58.40	3		CLJ	CRACK LONGITUDINAL AT JOINT
60.70	3		IRJ	INFILTRATION RUNNER AT JOINT Pipe patch
69.00	10		SLI	START A LATERAL INSPECTION
102.20	1		SLI	START A LATERAL INSPECTION
112.20	1		IDJ	INFILTRATION DRIPPER AT JOINT
112.20	1		CLJ	CRACK LONGITUDINAL AT JOINT
112.30	1		SLI	START A LATERAL INSPECTION
113.80	1		IDJ	INFILTRATION DRIPPER AT JOINT
116.70	11		SLI	START A LATERAL INSPECTION
118.70	11	1	RS	REPAIRED SECTION
125.60	11		SLI	START A LATERAL INSPECTION
127.90	3	9	IRJ	INFILTRATION RUNNER AT JOINT
135.30	3	9	ISJ	INFILTRATION SEEPER AT JOINT
137.30	11	1	RS	REPAIRED SECTION
143.60	9	3	ISJ	INFILTRATION SEEPER AT JOINT
147.60	3		CLJ	CRACK LONGITUDINAL AT JOINT
147.60	3		ISJ	INFILTRATION SEEPER AT JOINT
167.40	9	3	CMJ	CRACKS MULTIPLE AT JOINT
168.20	11		IR	INFILTRATION RUNNER Threw cracks
168.70	2		IDJ	INFILTRATION DRIPPER AT JOINT Lateral at the main
168.70	2		SLI	START A LATERAL INSPECTION
173.30	1		PT	PLUGGED TEE
174.60	12		CLJ	CRACK LONGITUDINAL AT JOINT
175.70	11	1	RS	REPAIRED SECTION
199.50	2		SLI	START A LATERAL INSPECTION
214.70	1		SLI	START A LATERAL INSPECTION
218.10	9	3	CMJ	CRACKS MULTIPLE AT JOINT
219.80	11		SLI	START A LATERAL INSPECTION
242.00	2		ISJ	INFILTRATION SEEPER AT JOINT
248.80	1		SLI	START A LATERAL INSPECTION

## Regional Water Resource Agency Detailed Pipe Segment Report

261.00	11	SLI	START A LATERAL INSPECTION	
262.60	2	ISJ	INFILTRATION SEEPER AT JOINT	
268.80	12	CLJ	CRACK LONGITUDINAL AT JOINT	
268.80	12	ISJ	INFILTRATION SEEPER AT JOINT	
270.70	12	ISJ	INFILTRATION SEEPER AT JOINT	
272.00	10	SLI	START A LATERAL INSPECTION	
273.20	12	ISJ	INFILTRATION SEEPER AT JOINT	
279.50	9	3 ISJ	INFILTRATION SEEPER AT JOINT	
281.80	2	ISJ	INFILTRATION SEEPER AT JOINT	
284.60	2	CN	CONNECTION	
293.60	3	ISJ	INFILTRATION SEEPER AT JOINT	
295.20	2	PT	PLUGGED TEE	
298.20	8	CLJ	CRACK LONGITUDINAL AT JOINT	
310.00	10	SLI	START A LATERAL INSPECTION	
311.60	2	4 CMJ	CRACKS MULTIPLE AT JOINT	
313.50	1	4 CMJ	CRACKS MULTIPLE AT JOINT	
315.80	9	3 GO	GENERAL OBSERVATION	Bricks
319.90	11	ISJ	INFILTRATION SEEPER AT JOINT	
322.60		SI	STOP INSPECTION	
322.60		MH	MANHOLE	MH #3331

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 9/23/2024	10:22 AM	Project Number: W/O #07-00	Weather: Sunny
Investigator: Trey Pate		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index: CN07A-14,DB 07A-07

US Structure: 121	Upstream Address	1118 FREDERICA ST	Depth: 0.00
DS Structure: 8770	Downstream Address		Depth: 0.00

TV Direction: Upstream to Downstream	Length (ft): 166.40	166.10 Last Obs (ft)	Slope %: 0.09%
Pipe Shape: Round	Pipe Size: 21	Material: VCP	Surface: Asphalt

Short Comment: Pipe need to be CIPP'd. Needs 10+ Pipe Patches. W/O # 18-000705 will need to be completed prior to CIPP.

Overall Condition:

**Comments:** General inspection of 21" VCP sewer main from Dimension Change #8770 heading South upstream to Blind Tee #121.

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>	<u>Comments</u>
0.00		SAF	START AGAINST THE FLOW
0.00		DC	DIMENSION CHANGE
18.10	3	SLI	START A LATERAL INSPECTION
86.90	10	SLI	START A LATERAL INSPECTION
91.80	5	10 CMJ	CRACKS MULTIPLE AT JOINT
94.00	10	CLJ	CRACK LONGITUDINAL AT JOINT
97.70	5	10 CMJ	CRACKS MULTIPLE AT JOINT
99.70	11	CL	CRACK LONGITUDINAL
101.90	9	2 CMJ	CRACKS MULTIPLE AT JOINT
103.90	8	11 CLJ	CRACK LONGITUDINAL AT JOINT
106.00	3	9 CLJ	CRACK LONGITUDINAL AT JOINT
107.80	8	4 CMJ	CRACKS MULTIPLE AT JOINT
109.90	12	CLJ	CRACK LONGITUDINAL AT JOINT
112.20	12	CLJ	CRACK LONGITUDINAL AT JOINT
114.00	12	CLJ	CRACK LONGITUDINAL AT JOINT
116.20	12	CLJ	CRACK LONGITUDINAL AT JOINT
118.30	12	CLJ	CRACK LONGITUDINAL AT JOINT
120.50	9	12 CLJ	CRACK LONGITUDINAL AT JOINT
122.60	12	CLJ	CRACK LONGITUDINAL AT JOINT
125.80	6	B	BROKEN PIPE
129.20	6	CL	CRACK LONGITUDINAL
131.10	1	6 CMJ	CRACKS MULTIPLE AT JOINT
134.40	11	CLJ	CRACK LONGITUDINAL AT JOINT
136.50	5	7 BJ	BROKEN PIPE AT JOINT
137.50	9	SLI	START A LATERAL INSPECTION
140.50	5	CLJ	CRACK LONGITUDINAL AT JOINT
142.30	4	CLJ	CRACK LONGITUDINAL AT JOINT
166.00		FH	FINISH OF SURVEY
166.10		SI	STOP INSPECTION

Blind Tee #121

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 5/29/2024 7:50 AM Project Number: 08-002275 Weather: Cloudy  
 Investigator: Adam Mischel Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index:

US Structure: 4263 Upstream Address 702 GRIFFITH AV Depth: 14.70  
 DS Structure: 4134 Downstream Address 1627 WALNUT ST Depth: 13.30

TV Direction: Upstream to Downstream Length (ft): 231.10 227.40 Last Obs (ft) Slope %: 0.10%  
 Pipe Shape: Round Pipe Size: 15 Material: VCP Surface: Asphalt

Short Comment: Added HIF b/c pipe needs several Pipe Patch repairs. More cost effective to CIPP. This pipe is approx. 15' deep. -AH 1/23/25

Overall Condition:

**Comments:** Inspection of 15" VCP, with the flow, at MH #4263 north towards MH #4134  
 Root masses where cut after inspection

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00			SWF	START WITH THE FLOW
0.00			MH	MANHOLE
1.50	3	9	BJ	BROKEN PIPE AT JOINT
3.50	9	3	BJ	BROKEN PIPE AT JOINT
12.30	8	4	CMJ	CRACKS MULTIPLE AT JOINT
14.70	2	4	CMJ	CRACKS MULTIPLE AT JOINT
22.90	9	10	CLJ	CRACK LONGITUDINAL AT JOINT
25.70	12	12	BJ	BROKEN PIPE AT JOINT
27.70	8	4	CMJ	CRACKS MULTIPLE AT JOINT
58.90	8		CLJ	CRACK LONGITUDINAL AT JOINT
72.60	10	2	CMJ	CRACKS MULTIPLE AT JOINT
80.50	1		CLJ	CRACK LONGITUDINAL AT JOINT
83.30	2		CLJ	CRACK LONGITUDINAL AT JOINT
85.90	7	8	CLJ	CRACK LONGITUDINAL AT JOINT
90.70	9	3	RFJ	ROOTS FINE AT JOINT
98.80	9	3	RFJ	ROOTS FINE AT JOINT
101.40	9	10	RFJ	ROOTS FINE AT JOINT
117.10	7		CLJ	CRACK LONGITUDINAL AT JOINT
130.20	4	5	RFJ	ROOTS FINE AT JOINT
151.40	4	8	BJ	BROKEN PIPE AT JOINT
154.80	2		PT	PLUGGED TEE
158.70	2	4	RFJ	ROOTS FINE AT JOINT
158.70	10		CLJ	CRACK LONGITUDINAL AT JOINT
164.00	12	12	BJ	BROKEN PIPE AT JOINT
165.00	10		SLI	START A LATERAL INSPECTION
168.80	3		CLJ	CRACK LONGITUDINAL AT JOINT
194.10			WL	WATER LEVEL
200.40	9	12	CMJ	CRACKS MULTIPLE AT JOINT
213.50	12	12	RS	REPAIRED SECTION
217.30	7	8	BJ	BROKEN PIPE AT JOINT
219.80	8	4	RMJ	ROOT MASS AT JOINT
222.80	9	3	RMJ	ROOT MASS AT JOINT
227.40			MH	MANHOLE
227.40			CN	CONNECTION
227.40			SI	STOP INSPECTION
227.40			CN	CONNECTION

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 3/4/2024	1:14 PM	Project Number: 07-002434	Weather: Cloudy
Investigator: Trey Pate		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index: HC8-35

US Structure: 1880	Upstream Address	433 E 20TH ST	Depth: 5.70	21,292
DS Structure: 94	Downstream Address	425 E 20TH ST	Depth: 6.20	

TV Direction: Upstream to Downstream	Length (ft): 144.00	Record	146.90	Last Obs (ft)	Slope %: 0.30%
Pipe Shape: Round	Pipe Size: 12	Drawings	Material: VCP	Surface: Alley Paved	

Short Comment: HIF HAS BEEN ADDED. PIPE Needs 9+ Pipe Patches. AH 4/29/24

Overall Condition:

**Comments:** General inspection of 8" VCP sewer main from MH #1880 @ rear of 433 E. 20TH St. heading West downstream to MH #94 behind 425 E. 20th St.

**Observations:**

Distance	Start	End	Comments
0.00		SWF	START WITH THE FLOW
0.00	8	CL	CRACK LONGITUDINAL
0.00		MH	MANHOLE
			MH #1880 heading downstream
5.00	3	4 BJ	BROKEN PIPE AT JOINT
8.00	6	8 CMJ	CRACKS MULTIPLE AT JOINT
10.20	4	8 CMJ	CRACKS MULTIPLE AT JOINT
15.30	3	4 BJ	BROKEN PIPE AT JOINT
20.30	10	11 BJ	BROKEN PIPE AT JOINT
25.60	8	CLJ	CRACK LONGITUDINAL AT JOINT
28.40	2	4 BJ	BROKEN PIPE AT JOINT
30.90	8	CLJ	CRACK LONGITUDINAL AT JOINT
33.30	12	4 CMJ	CRACKS MULTIPLE AT JOINT
33.40	5	BJ	BROKEN PIPE AT JOINT
36.30	12	12 BJ	BROKEN PIPE AT JOINT
38.20	9	SLI	START A LATERAL INSPECTION
38.30	12	12 CMJ	CRACKS MULTIPLE AT JOINT
44.90	9	PT	PLUGGED TEE
46.50	3	CMJ	CRACKS MULTIPLE AT JOINT
49.10	2	CMJ	CRACKS MULTIPLE AT JOINT
51.60	2	7 CMJ	CRACKS MULTIPLE AT JOINT
59.40	4	8 CMJ	CRACKS MULTIPLE AT JOINT
63.10	9	PT	PLUGGED TEE
67.20	11	4 CMJ	CRACKS MULTIPLE AT JOINT
82.90	5	7 BJ	BROKEN PIPE AT JOINT
85.40	9	3 CMJ	CRACKS MULTIPLE AT JOINT
95.90	3	8 CMJ	CRACKS MULTIPLE AT JOINT
97.60	3	SLI	START A LATERAL INSPECTION
99.40	3	PT	PLUGGED TEE
100.80	8	1 CMJ	CRACKS MULTIPLE AT JOINT
105.60	9	SLI	START A LATERAL INSPECTION
106.20	7	9 CMJ	CRACKS MULTIPLE AT JOINT
108.70	7	9 CMJ	CRACKS MULTIPLE AT JOINT

## Regional Water Resource Agency Detailed Pipe Segment Report

123.00	9		PT	PLUGGED TEE	
127.10	5	6	BJ	BROKEN PIPE AT JOINT	
129.50	9		CMJ	CRACKS MULTIPLE AT JOINT	
134.30	12		CL	CRACK LONGITUDINAL	
137.40	7	12	RFJ	ROOTS FINE AT JOINT	
140.00	8	12	RFJ	ROOTS FINE AT JOINT	
142.30	10	12	RFJ	ROOTS FINE AT JOINT	
145.20	8	4	RFJ	ROOTS FINE AT JOINT	
145.70	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
146.90			MH	MANHOLE	MH #94 behind 425 East 20th St.
146.90			CN	CONNECTION	North in MH #94
146.90			SI	STOP INSPECTION	

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 1/29/2025 8:52 AM Project Number: 09-001252 Weather: Mild  
 Investigator: Adam Mischel Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index:

US Structure: 692 Upstream Address 520 E 5TH ST Depth: 7.17  
 DS Structure: 701 Downstream Address 514 E 4TH ST Depth: 7.83

TV Direction: Upstream to Downstream Length (ft): 395.60 Record 398.40 Last Obs (ft) Slope %: 0.42%  
 Pipe Shape: Round Pipe Size: 12 Drawings Material: PVC Surface: Asphalt

Short Comment:  
 Overall Condition:

**Comments:** Inspection of 12" PVC, with the flow, at MH #692 north towards MH #701

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00			MH MANHOLE	MH #692
0.00			SWF START WITH THE FLOW	
35.70			WL WATER LEVEL	
35.70	12	12	RS REPAIRED SECTION	Pipe patch
43.10			MC MATERIAL CHANGES	PVC to VCP
47.30	12		BJ BROKEN PIPE AT JOINT	Pipe patch
54.90			WL WATER LEVEL	
65.80			WL WATER LEVEL	
78.00	5	7	JDM JOINT DISPLACED MEDIUM	
79.50	10		SLI START A LATERAL INSPECTION	
79.50	12	12	RS REPAIRED SECTION	PVC main repair
82.00	8		RS REPAIRED SECTION	Dye from depression in street
87.60	4	8	WL WATER LEVEL	
94.60	12	12	RS REPAIRED SECTION	Pipe patch
115.50	3		CN CONNECTION	Full of silt
134.30	9		CN CONNECTION	Full of silt
134.30			WL WATER LEVEL	
147.00	12	2	RS REPAIRED SECTION	Old VCP repair
148.70	3		SLI START A LATERAL INSPECTION	
163.60			WL WATER LEVEL	
163.60	3		CN CONNECTION	
169.40	9		CN CONNECTION	Full of silt
175.50	9		CN CONNECTION	Full of silt
183.50			WL WATER LEVEL	
191.40			WL WATER LEVEL	
216.50	9		CN CONNECTION	Plugged
221.50			WL WATER LEVEL	
261.60	3		SLI START A LATERAL INSPECTION	
279.10	12	12	RS REPAIRED SECTION	Pipe patch
301.00	9		CN CONNECTION	Full of silt
310.90	12	12	RS REPAIRED SECTION	Pipe patch
314.50	12	12	RS REPAIRED SECTION	Pipe patch
343.60			WL WATER LEVEL	
371.90	12	12	RS REPAIRED SECTION	PVC main repair
387.80	12	12	RS REPAIRED SECTION	Pipe patch
391.50	12	12	RS REPAIRED SECTION	Pipe patch
396.30	12	12	RS REPAIRED SECTION	Pipe patch
398.30			MH MANHOLE	MH #701
398.40			SI STOP INSPECTION	

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 2/5/2024	8:29 AM	Project Number: CSO #44	Weather: Sunny
Investigator: Trey Pate		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index:

US Structure: 4271	Upstream Address	1921 GRIFFITH PL W	Depth: 8.60	21,210
DS Structure: 4272	Downstream Address	2029 GRIFFITH PL W	Depth: 7.58	

TV Direction: Upstream to Downstream	Length (ft): 352.00	354.70 Last Obs (ft)	Slope %: 0.27%
Pipe Shape: Round	Pipe Size: 12	Material: VCP	Surface: Asphalt

Short Comment: HIF has been added to this pipe b/c it needs well over 10+ Pipe Patch repairs. This pipe needs to be CIPP'd.

Overall Condition:

**Comments:** General inspection of 12" VCP sewer main from MH #4271 @ 1921 Griffith Pl. West heading South downstream to MH #4272 @ 2029 Griffith Pl. West.

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>	<u>Comments</u>
0.00		SWF	START WITH THE FLOW
0.00		MH	MANHOLE
			MH #4271 heading downstream
13.60	5	7 BJ	BROKEN PIPE AT JOINT
16.20	10	CMJ	CRACKS MULTIPLE AT JOINT
29.10	5	6 BJ	BROKEN PIPE AT JOINT
39.50	3	CMJ	CRACKS MULTIPLE AT JOINT
41.00	3	SLI	START A LATERAL INSPECTION
42.00	7	10 BJ	BROKEN PIPE AT JOINT
43.10	9	SLI	START A LATERAL INSPECTION
44.50	5	7 CMJ	CRACKS MULTIPLE AT JOINT
54.90	5	7 BJ	BROKEN PIPE AT JOINT
60.00	5	7 BJ	BROKEN PIPE AT JOINT
83.30	5	7 BJ	BROKEN PIPE AT JOINT
87.80	11	D	DEFORMED SEWER
100.10	3	SLI	START A LATERAL INSPECTION
100.60		MC	MATERIAL CHANGES
			VCP to PVC
102.80	9	SLI	START A LATERAL INSPECTION
103.80		MC	MATERIAL CHANGES
			PVC to VCP
139.90	12	CMJ	CRACKS MULTIPLE AT JOINT
142.70	4	CLJ	CRACK LONGITUDINAL AT JOINT
145.30	5	7 BJ	BROKEN PIPE AT JOINT
150.50	4	CLJ	CRACK LONGITUDINAL AT JOINT
152.20	3	SLI	START A LATERAL INSPECTION
153.20	5	7 BJ	BROKEN PIPE AT JOINT
154.50	9	SLI	START A LATERAL INSPECTION
155.80	5	7 BJ	BROKEN PIPE AT JOINT
171.50	4	CMJ	CRACKS MULTIPLE AT JOINT
176.30	12	CMJ	CRACKS MULTIPLE AT JOINT
178.90	12	12 CCJ	CRACK CIRCUMFERENTIAL AT JOINT
181.70	5	12 CMJ	CRACKS MULTIPLE AT JOINT
186.80	5	7 BJ	BROKEN PIPE AT JOINT

## Regional Water Resource Agency Detailed Pipe Segment Report

189.40	5	7	BJ	BROKEN PIPE AT JOINT	
207.60	12	4	RFJ	ROOTS FINE AT JOINT	
209.80	3		RFJ	ROOTS FINE AT JOINT	
212.70	8		CLJ	CRACK LONGITUDINAL AT JOINT	
212.70	9	3	RFJ	ROOTS FINE AT JOINT	
215.40	9	4	RFJ	ROOTS FINE AT JOINT	
217.90	2	7	CMJ	CRACKS MULTIPLE AT JOINT	
217.90	3	9	RFJ	ROOTS FINE AT JOINT	
220.30	9	3	RFJ	ROOTS FINE AT JOINT	
223.10	3		BJ	BROKEN PIPE AT JOINT	
224.00	3		SLI	START A LATERAL INSPECTION	
224.20	12		RS	REPAIRED SECTION	
226.50	9		SLI	START A LATERAL INSPECTION	
228.10	3		RFJ	ROOTS FINE AT JOINT	
228.30	3		CM	CRACKS MULTIPLE	
230.70	3	4	RFJ	ROOTS FINE AT JOINT	
233.50	2		CLJ	CRACK LONGITUDINAL AT JOINT	
238.30	11	4	CMJ	CRACKS MULTIPLE AT JOINT	
238.30	11		RFJ	ROOTS FINE AT JOINT	
240.90	9		CLJ	CRACK LONGITUDINAL AT JOINT	
256.40	5	7	BJ	BROKEN PIPE AT JOINT	
258.90	5	7	BJ	BROKEN PIPE AT JOINT	
261.50	8		CLJ	CRACK LONGITUDINAL AT JOINT	
272.60	3		SLI	START A LATERAL INSPECTION	
274.70	9	12	BJ	BROKEN PIPE AT JOINT	
275.40	9		SLI	START A LATERAL INSPECTION	
276.50	7		CLJ	CRACK LONGITUDINAL AT JOINT	
277.00	5	7	BJ	BROKEN PIPE AT JOINT	
295.20	11		ISJ	INFILTRATION SEEPER AT JOINT	
300.20	3	6	ISJ	INFILTRATION SEEPER AT JOINT	
340.30			WL	WATER LEVEL	Belly
342.90	3		SLI	START A LATERAL INSPECTION	
344.60	9		BJ	BROKEN PIPE AT JOINT	
345.70	9		SLI	START A LATERAL INSPECTION	
354.70			MH	MANHOLE	MH #4272 @ 2029 Griffith Place West
354.70			SI	STOP INSPECTION	

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 4/12/2024 7:59 AM Project Number: 07-002434 Weather: Sunny  
 Investigator: Trey Pate Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index:

US Structure: 93 Upstream Address 621 E 21ST ST Depth: 7.00 21,532  
 DS Structure: 92 Downstream Address 403 E 21ST ST Depth: 8.80

TV Direction: Upstream to Downstream Length (ft): 703.10 Record 705.00 Last Obs (ft) Slope %: 0.40%  
 Pipe Shape: Round Pipe Size: 12 Drawings Material: VCP Surface: Alley Paved

Short Comment: NOTE #1: Please only clean with anti-blast nozzle or do not clean. SLRAT, if needed. 415 E. 21st St. will have toilet problems during normal cleaning. NOTE #2: We added HIF b/c this pipe needs 8+ Pipe Patches installed and a middle M/H built.

Overall Condition:

**Comments:** General inspection of 12" VCP sewer main from MH #93 in alley behind 621 E. 21st Street heading West downstream to MH #92 in alley behind 403 E. 21st Street.

**Observations:**

Distance	Start	End		Comments
0.00			CN CONNECTION	SE in MH #93
0.00			MH MANHOLE	MH #93 heading downstream
10.80	5	7	DEJ DEBRIS AT JOINT	Mortar
10.80	12	4	CMJ CRACKS MULTIPLE AT JOINT	
13.70	5	7	DEJ DEBRIS AT JOINT	Mortar
16.10	5	7	DEJ DEBRIS AT JOINT	Mortar
16.10	8	11	CMJ CRACKS MULTIPLE AT JOINT	
21.20	5	7	DEJ DEBRIS AT JOINT	Mortar
21.20	12	2	CMJ CRACKS MULTIPLE AT JOINT	
26.50	1	2	CMJ CRACKS MULTIPLE AT JOINT	
29.40	12	12	CMJ CRACKS MULTIPLE AT JOINT	
32.60	9		PT PLUGGED TEE	
34.70	5	7	DEJ DEBRIS AT JOINT	Mortar
37.40	5	7	DEJ DEBRIS AT JOINT	Mortar
42.60	5	7	DEJ DEBRIS AT JOINT	Mortar
46.90	9		SLI START A LATERAL INSPECTION	
47.60	10	3	CMJ CRACKS MULTIPLE AT JOINT	
52.40	10	2	CMJ CRACKS MULTIPLE AT JOINT	
55.00	10	2	CMJ CRACKS MULTIPLE AT JOINT	
56.60	7		CL CRACK LONGITUDINAL	
57.80	9	2	CMJ CRACKS MULTIPLE AT JOINT	
60.40	8	4	CMJ CRACKS MULTIPLE AT JOINT	
63.00	8	4	CMJ CRACKS MULTIPLE AT JOINT	
65.40	8	11	BJ BROKEN PIPE AT JOINT	
73.40	11	4	CMJ CRACKS MULTIPLE AT JOINT	
76.00	12		BJ BROKEN PIPE AT JOINT	
76.70	9		PT PLUGGED TEE	
81.00	9	2	CMJ CRACKS MULTIPLE AT JOINT	
86.30	9		BJ BROKEN PIPE AT JOINT	
88.90	8	3	CMJ CRACKS MULTIPLE AT JOINT	
91.30	9		CMJ CRACKS MULTIPLE AT JOINT	

## Regional Water Resource Agency Detailed Pipe Segment Report

94.00	9		BJ	BROKEN PIPE AT JOINT	
97.20	3		PT	PLUGGED TEE	
98.70	9		SLI	START A LATERAL INSPECTION	
98.90	9		BJ	BROKEN PIPE AT JOINT	
101.70	9		CMJ	CRACKS MULTIPLE AT JOINT	
104.40	9		CMJ	CRACKS MULTIPLE AT JOINT	
107.00	8	3	CMJ	CRACKS MULTIPLE AT JOINT	
112.30	3		CMJ	CRACKS MULTIPLE AT JOINT	
117.50	9		CMJ	CRACKS MULTIPLE AT JOINT	
123.50	9		PT	PLUGGED TEE	
125.20	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
130.70	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
138.10	8	10	BJ	BROKEN PIPE AT JOINT	
144.10	3		PT	PLUGGED TEE	
146.00	6		CLJ	CRACK LONGITUDINAL AT JOINT	
158.70	5		RFJ	ROOTS FINE AT JOINT	
161.30	4	5	RFJ	ROOTS FINE AT JOINT	
163.80	7		RFJ	ROOTS FINE AT JOINT	
167.20	9		PT	PLUGGED TEE	
169.30	7		RFJ	ROOTS FINE AT JOINT	
171.90	7		RFJ	ROOTS FINE AT JOINT	
174.30	12	4	CMJ	CRACKS MULTIPLE AT JOINT	
176.70	4	8	RFJ	ROOTS FINE AT JOINT	
177.00	8		CMJ	CRACKS MULTIPLE AT JOINT	
179.50	3		BJ	BROKEN PIPE AT JOINT	
179.50	4		RFJ	ROOTS FINE AT JOINT	
182.10	12	4	CMJ	CRACKS MULTIPLE AT JOINT	
182.10	7		RFJ	ROOTS FINE AT JOINT	
184.70	5		RFJ	ROOTS FINE AT JOINT	
187.10	5		RFJ	ROOTS FINE AT JOINT	
187.10	9		CMJ	CRACKS MULTIPLE AT JOINT	
189.60	5		RFJ	ROOTS FINE AT JOINT	
192.00	5	7	RFJ	ROOTS FINE AT JOINT	
194.70	5	7	RFJ	ROOTS FINE AT JOINT	
202.70	5	7	RFJ	ROOTS FINE AT JOINT	
210.30	1	3	RFJ	ROOTS FINE AT JOINT	
211.20	3		CN	CONNECTION	Joint is displaced. Can't launch
212.80	5	8	RFJ	ROOTS FINE AT JOINT	
218.60	9		PT	PLUGGED TEE	
236.70	3		PT	PLUGGED TEE	
241.00	5	7	BJ	BROKEN PIPE AT JOINT	
256.60	9		CMJ	CRACKS MULTIPLE AT JOINT	
261.40	9		SLI	START A LATERAL INSPECTION	
269.50	9		BJ	BROKEN PIPE AT JOINT	
272.20	3		CMJ	CRACKS MULTIPLE AT JOINT	

## Regional Water Resource Agency Detailed Pipe Segment Report

278.00	9		PT	PLUGGED TEE	
279.80	9		CMJ	CRACKS MULTIPLE AT JOINT	
282.50	8	4	CCJ	CRACK CIRCUMFERENTIAL AT JOINT	
295.50	6		CLJ	CRACK LONGITUDINAL AT JOINT	
309.00	3		PT	PLUGGED TEE	
310.80			RS	REPAIRED SECTION	
313.00	3		SLI	START A LATERAL INSPECTION	
332.50	9		SLI	START A LATERAL INSPECTION	
336.80	3		CMJ	CRACKS MULTIPLE AT JOINT	
347.10	8	4	CCJ	CRACK CIRCUMFERENTIAL AT JOINT	
347.90	3		SLI	START A LATERAL INSPECTION	
352.10	9		CMJ	CRACKS MULTIPLE AT JOINT	
360.80	9		SLI	START A LATERAL INSPECTION	
361.40	7		CL	CRACK LONGITUDINAL	
365.00	4		BJ	BROKEN PIPE AT JOINT	
370.20	11	2	CMJ	CRACKS MULTIPLE AT JOINT	
372.90	4		CMJ	CRACKS MULTIPLE AT JOINT	
380.50	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
390.70	7		CLJ	CRACK LONGITUDINAL AT JOINT	
398.50	7		BJ	BROKEN PIPE AT JOINT	
402.00	3		SLI	START A LATERAL INSPECTION	
409.80	9		SLI	START A LATERAL INSPECTION	
411.60	12	3	CMJ	CRACKS MULTIPLE AT JOINT	
416.50			RS	REPAIRED SECTION	
421.60	3		SLI	START A LATERAL INSPECTION	
427.10	9		CMJ	CRACKS MULTIPLE AT JOINT	
432.20	2		CMJ	CRACKS MULTIPLE AT JOINT	
437.30	3		CMJ	CRACKS MULTIPLE AT JOINT	
442.40	6		DES	DEBRIS SILT	
448.30	9		PT	PLUGGED TEE	
455.50	3		CMJ	CRACKS MULTIPLE AT JOINT	
458.10			MC	MATERIAL CHANGES	VCP to PVC
461.50	9		SLI	START A LATERAL INSPECTION	
468.40	9		SLI	START A LATERAL INSPECTION	
470.70	5		BJ	BROKEN PIPE AT JOINT	
470.70			MC	MATERIAL CHANGES	VCP to PVC
483.60	9		CMJ	CRACKS MULTIPLE AT JOINT	
486.20	1	4	CMJ	CRACKS MULTIPLE AT JOINT	
491.80	9		PT	PLUGGED TEE	
493.90	4	10	BJ	BROKEN PIPE AT JOINT	
497.60	3		SLI	START A LATERAL INSPECTION	
502.10	8	9	CMJ	CRACKS MULTIPLE AT JOINT	
509.90			RS	REPAIRED SECTION	CIPP Pipe Patch
514.60	7	9	BJ	BROKEN PIPE AT JOINT	
522.40	8	11	CMJ	CRACKS MULTIPLE AT JOINT	

## Regional Water Resource Agency Detailed Pipe Segment Report

525.90	9		SLI	START A LATERAL INSPECTION	
527.50	8	12	CMJ	CRACKS MULTIPLE AT JOINT	
537.80	12	4	CMJ	CRACKS MULTIPLE AT JOINT	
548.00	2	5	CMJ	CRACKS MULTIPLE AT JOINT	
549.00	3		SLI	START A LATERAL INSPECTION	
550.70	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
553.20	2		CMJ	CRACKS MULTIPLE AT JOINT	
561.10	12	1	CMJ	CRACKS MULTIPLE AT JOINT	
566.20	10		CMJ	CRACKS MULTIPLE AT JOINT	
568.70	2		CMJ	CRACKS MULTIPLE AT JOINT	
577.50	9		SLI	START A LATERAL INSPECTION	
578.40	7		CL	CRACK LONGITUDINAL	
580.10	3		PT	PLUGGED TEE	
581.80	2	4	CMJ	CRACKS MULTIPLE AT JOINT	
591.80	5	7	DEJ	DEBRIS AT JOINT	Mortar
596.60			MC	MATERIAL CHANGES	VCP to PVC
598.50	9		SLI	START A LATERAL INSPECTION	
599.80	3		PT	PLUGGED TEE	
605.20			MC	MATERIAL CHANGES	PVC to VCP
612.50	4		CMJ	CRACKS MULTIPLE AT JOINT	
615.20	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
625.60	8	12	CMJ	CRACKS MULTIPLE AT JOINT	
628.20	12	4	CMJ	CRACKS MULTIPLE AT JOINT	
630.90	4		CLJ	CRACK LONGITUDINAL AT JOINT	
641.80	3		PT	PLUGGED TEE	
644.30	9		PT	PLUGGED TEE	
656.60	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
661.70	5	7	DEJ	DEBRIS AT JOINT	Mortar
664.50	9		CMJ	CRACKS MULTIPLE AT JOINT	
664.50	10		RFJ	ROOTS FINE AT JOINT	
665.60	9		SLI	START A LATERAL INSPECTION	
667.00	9	3	CCJ	CRACK CIRCUMFERENTIAL AT JOINT	
672.30	9	2	CMJ	CRACKS MULTIPLE AT JOINT	
693.10	7	11	CCJ	CRACK CIRCUMFERENTIAL AT JOINT	
705.00			SI	STOP INSPECTION	
705.00			MH	MANHOLE	MH #92 in alley behind 403 East 21st Street
705.00			CN	CONNECTION	South in MH #92

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 5/31/2024	10:01 AM	Project Number: 09-002063	Weather: Cloudy
Investigator: Adam Mischel		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index:

US Structure: 4153	Upstream Address	1301 MORELAND AV	Depth: 5.83	21,626
DS Structure: 4177	Downstream Address	1200 W PARRISH AV	Depth: 6.42	

TV Direction: Upstream to Downstream	Length (ft): 359.00	360.00 Last Obs (ft)	Slope %: 0.00%
Pipe Shape: Round	Pipe Size: 12	Material: VCP	Surface: Concrete

Short Comment: Do not clean b/c 1307 Moreland Ave. toilet will bubble. Use Anti-blast Nozzzle only. NOTE: Pipe needs to be CIPP'd. Pipe needs 8+ Pipe Patches. MORE COST EFFECTIVE TO CIPP - AH 6/14/24

Overall Condition:

**Comments:** Inspection of 12" VCP, with the flow, at MH #4153 south towards MH #4177

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>	<u>Comments</u>
0.00		SWF	START WITH THE FLOW
0.00		MH	MANHOLE
			MH #4153
22.20	1	CLJ	CRACK LONGITUDINAL AT JOINT
34.90	9	3 CMJ	CRACKS MULTIPLE AT JOINT
43.70	10	PT	PLUGGED TEE
44.60	9	SLI	START A LATERAL INSPECTION
			Hammer tap
54.60	9	SLI	START A LATERAL INSPECTION
			Hammer tap
55.30	12	12 BJ	BROKEN PIPE AT JOINT
70.30	2	5 CMJ	CRACKS MULTIPLE AT JOINT
75.40	10	CLJ	CRACK LONGITUDINAL AT JOINT
79.80	10	CLJ	CRACK LONGITUDINAL AT JOINT
90.70	5	CLJ	CRACK LONGITUDINAL AT JOINT
93.20	6	9 BJ	BROKEN PIPE AT JOINT
94.10	9	SLI	START A LATERAL INSPECTION
126.80	9	SLI	START A LATERAL INSPECTION
			Hammer tap
152.10	12	12 RS	REPAIRED SECTION
			Pipe patch
158.50	12	12 CMJ	CRACKS MULTIPLE AT JOINT
159.50	9	SLI	START A LATERAL INSPECTION
163.50	6	8 CCJ	CRACK CIRCUMFERENTIAL AT JOIN'
166.00	8	4 CMJ	CRACKS MULTIPLE AT JOINT
168.60	12	12 BJ	BROKEN PIPE AT JOINT
			Pipe patch
171.20	12	12 BJ	BROKEN PIPE AT JOINT
			Pipe patch
178.70	1	CLJ	CRACK LONGITUDINAL AT JOINT
181.20	10	3 CLJ	CRACK LONGITUDINAL AT JOINT
194.10	9	3 CMJ	CRACKS MULTIPLE AT JOINT
196.50	9	3 CMJ	CRACKS MULTIPLE AT JOINT
198.80	8	10 CCJ	CRACK CIRCUMFERENTIAL AT JOIN'
203.30	12	12 RS	REPAIRED SECTION
			PVC
209.30	1	3 RS	REPAIRED SECTION
			Old VCP
210.50	9	PT	PLUGGED TEE
			Hammer tap
224.40	9	3 CCJ	CRACK CIRCUMFERENTIAL AT JOIN'
226.90	10	2 CMJ	CRACKS MULTIPLE AT JOINT

## Regional Water Resource Agency Detailed Pipe Segment Report

229.70	11	4	BJ	BROKEN PIPE AT JOINT	Pipe patch
232.40	5	9	CLJ	CRACK LONGITUDINAL AT JOINT	
239.70	4	8	BJ	BROKEN PIPE AT JOINT	Pipe patch
242.30	1	4	CMJ	CRACKS MULTIPLE AT JOINT	
244.70	9		RMJ	ROOT MASS AT JOINT	Cut
254.80	4	8	BJ	BROKEN PIPE AT JOINT	Pipe patch
257.40	4	8	BJ	BROKEN PIPE AT JOINT	Pipe patch
259.50	12		CLJ	CRACK LONGITUDINAL AT JOINT	
259.50	3		RMJ	ROOT MASS AT JOINT	Cut
267.40	2	4	CMJ	CRACKS MULTIPLE AT JOINT	
270.00	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
274.80	8	4	RFJ	ROOTS FINE AT JOINT	
277.80	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
277.80	3	4	RFJ	ROOTS FINE AT JOINT	
280.20	8	4	RFJ	ROOTS FINE AT JOINT	
280.20	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
282.60	10	4	CCJ	CRACK CIRCUMFERENTIAL AT JOINT	
290.40	9	1	CMJ	CRACKS MULTIPLE AT JOINT	
295.30	8	11	CCJ	CRACK CIRCUMFERENTIAL AT JOINT	
295.30	9		RFJ	ROOTS FINE AT JOINT	
305.50	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
310.80	9		RMJ	ROOT MASS AT JOINT	Cut
310.80	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
313.20	1	5	CMJ	CRACKS MULTIPLE AT JOINT	
323.80	8		RMJ	ROOT MASS AT JOINT	Cut
323.80	4	8	CMJ	CRACKS MULTIPLE AT JOINT	
341.00	4	8	CMJ	CRACKS MULTIPLE AT JOINT	
346.10	9	3	CLJ	CRACK LONGITUDINAL AT JOINT	
348.60	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
351.10	3	9	CMJ	CRACKS MULTIPLE AT JOINT	
353.80	10	4	CLJ	CRACK LONGITUDINAL AT JOINT	
356.90	4		CLJ	CRACK LONGITUDINAL AT JOINT	
360.00			SI	STOP INSPECTION	
360.00			MH	MANHOLE	MH #4177

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 5/22/2023 9:43 AM Project Number: Weather: Sunny  
 Investigator: Adam Mischel Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index:

US Structure: 2131 Upstream Address 2301 FREDERICA ST Depth: 7.00 20,167  
 DS Structure: 2130 Downstream Address 101 W 23RD ST Depth: 8.40

TV Direction: Upstream to Downstream Length (ft): 343.30 Record 346.00 Last Obs (ft) Slope %: 0.00%  
 Pipe Shape: Round Pipe Size: 12 Drawings Material: VCP Surface: Concrete

Short Comment: This Pipe Needs 8 P-2 Pipe Patches. Added HIF after speaking to Mark. - AH 6/7/23

Overall Condition:

**Comments:** Inspection of 12" VCP, with the flow, at MH #2131 east towards MH #2130

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00		MH	MANHOLE	MH #2131
0.00		SWF	START WITH THE FLOW	
15.00	9	PT	PLUGGED TEE	Root mass
21.70	6	9 RFJ	ROOTS FINE AT JOINT	
24.50	8	4 RMJ	ROOT MASS AT JOINT	
28.00	9	PT	PLUGGED TEE	
29.70	8	4 RFJ	ROOTS FINE AT JOINT	
32.30	4	RFJ	ROOTS FINE AT JOINT	
33.00	10	SLI	START A LATERAL INSPECTION	
35.00	4	8 RFJ	ROOTS FINE AT JOINT	
37.70	4	8 RFJ	ROOTS FINE AT JOINT	
39.90	4	5 RFJ	ROOTS FINE AT JOINT	
42.50	4	8 RFJ	ROOTS FINE AT JOINT	
43.40	3	CN	CONNECTION	Root mass at the main, can not inspect
45.20	7	8 RFJ	ROOTS FINE AT JOINT	
47.70	7	8 RFJ	ROOTS FINE AT JOINT	
50.40	4	RFJ	ROOTS FINE AT JOINT	
52.90	4	8 RFJ	ROOTS FINE AT JOINT	
55.70	7	8 RFJ	ROOTS FINE AT JOINT	
60.90	4	8 RFJ	ROOTS FINE AT JOINT	
63.30	4	5 RFJ	ROOTS FINE AT JOINT	
64.80	9	CN	CONNECTION	Root mass at the main, can not inspect
66.40	4	8 RFJ	ROOTS FINE AT JOINT	
71.50	3	4 RMJ	ROOT MASS AT JOINT	
78.70	4	RFJ	ROOTS FINE AT JOINT	
81.60	8	RFJ	ROOTS FINE AT JOINT	
84.30	4	RM	ROOT MASS	
89.70	3	9 BJ	BROKEN PIPE AT JOINT	Pipe patch
94.80	9	3 RFJ	ROOTS FINE AT JOINT	
97.80	3	CLJ	CRACK LONGITUDINAL AT JOINT	
97.80	9	3 RFJ	ROOTS FINE AT JOINT	
101.20	3	SLI	START A LATERAL INSPECTION	

## Regional Water Resource Agency Detailed Pipe Segment Report

102.70	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
102.70	8	4	RFJ	ROOTS FINE AT JOINT	
105.00	8		RFJ	ROOTS FINE AT JOINT	
107.90	1		CLJ	CRACK LONGITUDINAL AT JOINT	
111.80	9		SLI	START A LATERAL INSPECTION	
115.60	3	4	RFJ	ROOTS FINE AT JOINT	
118.30	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
126.00	3		RFJ	ROOTS FINE AT JOINT	
128.70	10		CLJ	CRACK LONGITUDINAL AT JOINT	
128.70	9	11	RFJ	ROOTS FINE AT JOINT	
132.10	3		PT	PLUGGED TEE	
138.40	3		RMJ	ROOT MASS AT JOINT	Hammer tap, roots at the main
138.40	3		SLI	START A LATERAL INSPECTION	
149.60	8	2	RFJ	ROOTS FINE AT JOINT	
152.10	9	10	RFJ	ROOTS FINE AT JOINT	
154.80	4	8	BJ	BROKEN PIPE AT JOINT	Pipe patch
157.50	9	3	RFJ	ROOTS FINE AT JOINT	
160.20	6	7	BJ	BROKEN PIPE AT JOINT	Pipe patch
162.60	9	3	RFJ	ROOTS FINE AT JOINT	
163.50	9		SLI	START A LATERAL INSPECTION	
164.70	3		CN	CONNECTION	Full of stil, appears not active at this time
168.20	4		RFJ	ROOTS FINE AT JOINT	
173.10	12		RM	ROOT MASS	
178.80	8	4	RFJ	ROOTS FINE AT JOINT	
181.20	9	3	RFJ	ROOTS FINE AT JOINT	
183.60	8	3	RFJ	ROOTS FINE AT JOINT	
186.40	3		RFJ	ROOTS FINE AT JOINT	
188.80	10	2	CMJ	CRACKS MULTIPLE AT JOINT	
188.80	7	1	RFJ	ROOTS FINE AT JOINT	
198.50	3		SLI	START A LATERAL INSPECTION	
200.20	3		PT	PLUGGED TEE	
207.30	10	2	CMJ	CRACKS MULTIPLE AT JOINT	
209.60	3		BJ	BROKEN PIPE AT JOINT	Pipe patch
222.70	8		CLJ	CRACK LONGITUDINAL AT JOINT	
226.00	9		SLI	START A LATERAL INSPECTION	
230.30	9	3	RFJ	ROOTS FINE AT JOINT	
251.40	12		CLJ	CRACK LONGITUDINAL AT JOINT	
254.20	4	6	BJ	BROKEN PIPE AT JOINT	Pipe patch
256.70	2	4	BJ	BROKEN PIPE AT JOINT	Pipe patch
283.10	2	5	CMJ	CRACKS MULTIPLE AT JOINT	
289.00	3		SLI	START A LATERAL INSPECTION	
296.10	2	4	BJ	BROKEN PIPE AT JOINT	Pipe patch
301.20	8	10	RMJ	ROOT MASS AT JOINT	
301.40	8	10	CCJ	CRACK CIRCUMFERENTIAL AT JOINT	
302.20	9		SLI	START A LATERAL INSPECTION	

## ***Regional Water Resource Agency Detailed Pipe Segment Report***

309.10	2	CLJ	CRACK LONGITUDINAL AT JOINT	
325.00	2	4 CMJ	CRACKS MULTIPLE AT JOINT	
340.50	2	4 CMJ	CRACKS MULTIPLE AT JOINT	
346.00		SI	STOP INSPECTION	
346.00		MH	MANHOLE	MH #2130

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 5/22/2023 7:58 AM Project Number: W/O # 9 Weather: Sunny  
 Investigator: Adam Mischel Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index: HC8-71

US Structure: 5256 Upstream Address 2207 FREDERICA ST Depth: 6.10  
 DS Structure: 2131 Downstream Address 2301 FREDERICA ST Depth: 7.00

TV Direction: Upstream to Downstream Length (ft): 180.00 Record 275.80 Last Obs (ft) Slope %: 1.35%  
 Pipe Shape: Round Pipe Size: 10 Drawings Material: PVC Surface: Alley Paved

Short Comment:

Overall Condition:

**Comments:** Inspection of 10" PVC, with the flow, at MH #5256 south towards MH #2131

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
154.90	4	8	CMJ	CRACKS MULTIPLE AT JOINT
0.00			SWF	START WITH THE FLOW
171.60	3		CN	CONNECTION 4" PVC
173.10	12	12	RS	REPAIRED SECTION Pipe patch
139.70	3		PT	PLUGGED TEE
94.20	3		SLI	START A LATERAL INSPECTION
253.60	8	11	RFJ	ROOTS FINE AT JOINT
275.80			MH	MANHOLE MH #2131
258.80	9	10	RFJ	ROOTS FINE AT JOINT
214.50	8	4	RFJ	ROOTS FINE AT JOINT
209.40	12	12	RS	REPAIRED SECTION Pipe patch
250.70	3		RFJ	ROOTS FINE AT JOINT
163.50	9		PT	PLUGGED TEE
159.80	9		CLJ	CRACK LONGITUDINAL AT JOINT
269.00	8	4	RMJ	ROOT MASS AT JOINT Pipe patch
124.20	3		SLI	START A LATERAL INSPECTION
256.20	10	2	CMJ	CRACKS MULTIPLE AT JOINT
201.60	8		ISJ	INFILTRATION SEEPER AT JOINT
224.80	7	9	RFJ	ROOTS FINE AT JOINT
250.70	3		ISJ	INFILTRATION SEEPER AT JOINT
0.00			CN	CONNECTION W in MH #5256
190.80	8	4	RFJ	ROOTS FINE AT JOINT
245.60	12	12	RS	REPAIRED SECTION Pipe patch
219.60	8	4	RFJ	ROOTS FINE AT JOINT
266.60	9	3	RFJ	ROOTS FINE AT JOINT
96.10			MC	MATERIAL CHANGES PVC to VCP
185.90	8	4	RFJ	ROOTS FINE AT JOINT
97.80	3		PT	PLUGGED TEE
146.50	2		CLJ	CRACK LONGITUDINAL AT JOINT
0.00			MH	MANHOLE MH #5256
209.40	8	4	RFJ	ROOTS FINE AT JOINT
275.80			SI	STOP INSPECTION

## **Regional Water Resource Agency Detailed Pipe Segment Report**

125.50	8	4	BJ	BROKEN PIPE AT JOINT	
230.20	1	2	RFJ	ROOTS FINE AT JOINT	
253.60	10		ISJ	INFILTRATION SEEPER AT JOINT	
83.50	3		SLI	START A LATERAL INSPECTION	
204.20	10		ISJ	INFILTRATION SEEPER AT JOINT	
227.40	9		RFJ	ROOTS FINE AT JOINT	
256.30	10	2	ISJ	INFILTRATION SEEPER AT JOINT	
271.60	8	4	RMJ	ROOT MASS AT JOINT	Pipe patch
122.80	9	3	BJ	BROKEN PIPE AT JOINT	

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 5/17/2023 10:29 AM Project Number: CSO 37 Weather: Sunny  
 Investigator: Adam Mischel Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index:

US Structure: 1881 Upstream Address 101 E 21ST ST Depth: 5.58  
 DS Structure: 2120 Downstream Address 102 W 21ST ST Depth: 8.33

TV Direction: Upstream to Downstream Length (ft): 188.00 Record 187.80 Last Obs (ft) Slope %: 1.68%  
 Pipe Shape: Round Pipe Size: 10 Drawings Material: VCP Surface: Asphalt

Short Comment: HIF was added b/c this pipe needs 6+ Pipe Patches. More cost effective to CIPP this main. -AH  
 5/24/23

Overall Condition:

**Comments:** Inspection of 10" VCP, with the flow, at MH #1881 south towards MH #2120

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
59.80	8	4	RFJ	ROOTS FINE AT JOINT
98.70	8	4	RFJ	ROOTS FINE AT JOINT
135.30	4	8	BJ	BROKEN PIPE AT JOINT Pipe patch
150.80	10		CLJ	CRACK LONGITUDINAL AT JOINT
101.50	3		RFJ	ROOTS FINE AT JOINT
166.40	4	8	BJ	BROKEN PIPE AT JOINT Pipe patch
36.50	8	4	RFJ	ROOTS FINE AT JOINT
184.20	4	8	RFJ	ROOTS FINE AT JOINT
83.60	9	3	RFJ	ROOTS FINE AT JOINT
44.40	7		RFJ	ROOTS FINE AT JOINT
140.40	9	3	CMJ	CRACKS MULTIPLE AT JOINT
161.20	12	12	BJ	BROKEN PIPE AT JOINT Pipe patch
112.10	8	4	RFJ	ROOTS FINE AT JOINT
20.80	2		RFJ	ROOTS FINE AT JOINT
173.70	9	3	RFJ	ROOTS FINE AT JOINT
182.00	4	8	BJ	BROKEN PIPE AT JOINT Pipe patch
72.80	1	4	RFJ	ROOTS FINE AT JOINT
138.00	3	9	BJ	BROKEN PIPE AT JOINT Pipe patch
68.00	2	4	RMJ	ROOT MASS AT JOINT
47.80	9		SLI	START A LATERAL INSPECTION
0.00			SWF	START WITH THE FLOW
46.90	1	5	RMJ	ROOT MASS AT JOINT
179.20			WL	WATER LEVEL
52.10	4	8	BJ	BROKEN PIPE AT JOINT Pipe patch
78.20	2	4	RFJ	ROOTS FINE AT JOINT
184.20	4	8	CMJ	CRACKS MULTIPLE AT JOINT
64.90	9	3	RFJ	ROOTS FINE AT JOINT
62.90	8	4	RMJ	ROOT MASS AT JOINT
119.70	7	10	RMJ	ROOT MASS AT JOINT
57.30	8	4	RMJ	ROOT MASS AT JOINT
116.90	8	4	RFJ	ROOTS FINE AT JOINT

## Regional Water Resource Agency Detailed Pipe Segment Report

112.10	5	7	CMJ	CRACKS MULTIPLE AT JOINT	
187.80			SI	STOP INSPECTION	
163.60	4	8	BJ	BROKEN PIPE AT JOINT	Pipe patch
75.40	3		RFJ	ROOTS FINE AT JOINT	
8.90	3		CN	CONNECTION	Full of silt and roots, appears not active
31.30	8	4	RFJ	ROOTS FINE AT JOINT	
91.10	8	4	RFJ	ROOTS FINE AT JOINT	
106.70	8	4	RFJ	ROOTS FINE AT JOINT	
186.20	9	3	CC	CRACK CIRCUMFERENTIAL	
81.60	3		CN	CONNECTION	Root mass just outside of the main, can not inspect
124.70	9	3	RFJ	ROOTS FINE AT JOINT	
26.30	10	2	RMJ	ROOT MASS AT JOINT	
122.00	9	3	RFJ	ROOTS FINE AT JOINT	
168.80	2	4	RFJ	ROOTS FINE AT JOINT	
187.80			MH	MANHOLE	MH #2120
103.90	7	11	RMJ	ROOT MASS AT JOINT	
88.40	9	3	RFJ	ROOTS FINE AT JOINT	
86.10	4	8	BJ	BROKEN PIPE AT JOINT	Pipe patch
176.50	9	3	RFJ	ROOTS FINE AT JOINT	
0.00			MH	MANHOLE	MH #1881
39.00	2		RFJ	ROOTS FINE AT JOINT	
49.60	4	8	CMJ	CRACKS MULTIPLE AT JOINT	

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 5/28/2024 9:44 AM Project Number: 08-000874 Weather: Cloudy  
 Investigator: Adam Mischel Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index: HC11-67

US Structure: 4243 Upstream Address 414 GRIFFITH AV Depth: 6.60  
 DS Structure: 4256 Downstream Address 414 GRIFFITH AV Depth: 6.75

TV Direction: Upstream to Downstream Length (ft): 160.69 164.00 Last Obs (ft) Slope %: 0.34%  
 Pipe Shape: Round Pipe Size: 10 Material: VCP Surface: Asphalt

Short Comment: This pipe needs to be CIPP'd. Currently, needs 9+ Pipe Patches. MORE COST EFFECTIVE TO CIPP - AH 6/14/24

Overall Condition:

**Comments:** Inspection of 10" VCP, with the flow, at MH #4243 north towards MH #4256

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00			CN CONNECTION	E in MH #4243
38.40	10	2	CMJ	CRACKS MULTIPLE AT JOINT
99.40	10		CLJ	CRACK LONGITUDINAL AT JOINT
61.30	4	8	BJ	BROKEN PIPE AT JOINT Pipe patch
0.00			SWF	START WITH THE FLOW
5.00	8	10	CMJ	CRACKS MULTIPLE AT JOINT
114.80	10	2	CMJ	CRACKS MULTIPLE AT JOINT
58.60	10	2	CCJ	CRACK CIRCUMFERENTIAL AT JOINT
63.80	12	12	BJ	BROKEN PIPE AT JOINT Pipe patch
91.90	2		CLJ	CRACK LONGITUDINAL AT JOINT
0.00			MH	MANHOLE MH #4243
48.30	12	3	CMJ	CRACKS MULTIPLE AT JOINT
94.20	2		CLJ	CRACK LONGITUDINAL AT JOINT
164.00			MH	MANHOLE MH #4256
112.50	5	9	BJ	BROKEN PIPE AT JOINT Pipe patch
35.50	3	9	BJ	BROKEN PIPE AT JOINT Pipe patch
84.10	12	12	BJ	BROKEN PIPE AT JOINT Pipe patch
132.70	12	12	BJ	BROKEN PIPE AT JOINT Excavation, large void has formed behind pipe
153.50	9	3	CMJ	CRACKS MULTIPLE AT JOINT
138.10	2	4	BJ	BROKEN PIPE AT JOINT Pipe patch
164.00			SI	STOP INSPECTION
30.30	2		CLJ	CRACK LONGITUDINAL AT JOINT
164.00			B	BROKEN PIPE Flow line in MH #4256 broken
122.50	10	2	CLJ	CRACK LONGITUDINAL AT JOINT
27.90	9	3	CMJ	CRACKS MULTIPLE AT JOINT
141.00	9		CLJ	CRACK LONGITUDINAL AT JOINT
79.30	10	2	CMJ	CRACKS MULTIPLE AT JOINT
89.30	4	8	BJ	BROKEN PIPE AT JOINT Pipe patch
66.50	9	3	CLJ	CRACK LONGITUDINAL AT JOINT
76.60	10	2	CMJ	CRACKS MULTIPLE AT JOINT
73.90	1		CLJ	CRACK LONGITUDINAL AT JOINT

## **Regional Water Resource Agency Detailed Pipe Segment Report**

7.60	3	5	CMJ	CRACKS MULTIPLE AT JOINT	
20.30	2	4	CCJ	CRACK CIRCUMFERENTIAL AT JOINT	
130.30	12	12	BJ	BROKEN PIPE AT JOINT	Pipe patch
81.50	4	8	BJ	BROKEN PIPE AT JOINT	Pipe patch
0.00			CN	CONNECTION	W in MH #4243
86.50	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
12.40	3	4	CMJ	CRACKS MULTIPLE AT JOINT	
43.30	3		CLJ	CRACK LONGITUDINAL AT JOINT	
15.40	12	3	CMJ	CRACKS MULTIPLE AT JOINT	

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 9/26/2023 8:11 AM Project Number: CSO #41 Weather: Sunny  
 Investigator: Adam Mischel Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index:

US Structure: 2614 Upstream Address 727 MAPLE AV Depth: 5.80 20,648  
 DS Structure: 2615 Downstream Address 814 MAPLE AV Depth: 5.50

TV Direction: Upstream to Downstream Length (ft): 362.90 371.00 Last Obs (ft) Slope %: 0.42%  
 Pipe Shape: Round Pipe Size: 10 Material: VCP Surface: Asphalt

Short Comment: Added HIF to this pipe b/c it needs 8+ Pipe Patch Repairs. - AH 10/5/23

Overall Condition:

**Comments:** Inspection of 10" VCP, with the flow, at MH #2614 southwest towards MH #2615

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00		MH	MANHOLE	MH #2614
0.00		SWF	START WITH THE FLOW	
0.00		CN	CONNECTION	NE in MH #2614
0.00		CN	CONNECTION	SE in MH #2614
14.00	9	CLJ	CRACK LONGITUDINAL AT JOINT	
38.10	8	4 CMJ	CRACKS MULTIPLE AT JOINT	
47.20	9	2 CMJ	CRACKS MULTIPLE AT JOINT	
54.20	3	SLI	START A LATERAL INSPECTION	
58.20	9	CN	CONNECTION	
68.30	9	3 CMJ	CRACKS MULTIPLE AT JOINT	
83.50	3	5 CCJ	CRACK CIRCUMFERENTIAL AT JOINT	
86.30	3	CLJ	CRACK LONGITUDINAL AT JOINT	
89.50	8	4 CMJ	CRACKS MULTIPLE AT JOINT	
95.60	2	4 CMJ	CRACKS MULTIPLE AT JOINT	
98.50	10	CLJ	CRACK LONGITUDINAL AT JOINT	
104.60	2	4 CMJ	CRACKS MULTIPLE AT JOINT	
107.50	9	3 BJ	BROKEN PIPE AT JOINT	
108.50	3	SLI	START A LATERAL INSPECTION	
109.70	10	2 BJ	BROKEN PIPE AT JOINT	
120.70	11	CLJ	CRACK LONGITUDINAL AT JOINT	
132.80	2	4 CCJ	CRACK CIRCUMFERENTIAL AT JOINT	
136.00	12	12 BJ	BROKEN PIPE AT JOINT	Pipe patch
138.70	12	12 BJ	BROKEN PIPE AT JOINT	Pipe patch
142.20	12	12 BJ	BROKEN PIPE AT JOINT	Pipe patch
144.80	3	9 BJ	BROKEN PIPE AT JOINT	Pipe patch
147.80	4	8 CMJ	CRACKS MULTIPLE AT JOINT	
154.30	8	11 CMJ	CRACKS MULTIPLE AT JOINT	
155.20	9	SLI	START A LATERAL INSPECTION	
158.20	2	4 CCJ	CRACK CIRCUMFERENTIAL AT JOINT	
167.50	8	4 CMJ	CRACKS MULTIPLE AT JOINT	
174.50	3	SLI	START A LATERAL INSPECTION	
178.50		WL	WATER LEVEL	
178.50	4	8 BJ	BROKEN PIPE AT JOINT	Pipe patch

## Regional Water Resource Agency Detailed Pipe Segment Report

187.50	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
190.60	5	9	BJ	BROKEN PIPE AT JOINT	Pipe patch
193.70	3		CMJ	CRACKS MULTIPLE AT JOINT	
199.80	10	2	CMJ	CRACKS MULTIPLE AT JOINT	
202.80	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
206.20	1		CLJ	CRACK LONGITUDINAL AT JOINT	
209.10	10	2	CMJ	CRACKS MULTIPLE AT JOINT	
212.20	10	2	CMJ	CRACKS MULTIPLE AT JOINT	
218.10	10	2	CMJ	CRACKS MULTIPLE AT JOINT	
221.00	9	3	BJ	BROKEN PIPE AT JOINT	
222.20	9		SLI	START A LATERAL INSPECTION	
228.10	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
229.40	3		SLI	START A LATERAL INSPECTION	
233.40	10	3	CMJ	CRACKS MULTIPLE AT JOINT	
236.50	9	2	CMJ	CRACKS MULTIPLE AT JOINT	
242.30	3		CLJ	CRACK LONGITUDINAL AT JOINT	
248.50	11		CLJ	CRACK LONGITUDINAL AT JOINT	
251.50	10	2	CMJ	CRACKS MULTIPLE AT JOINT	
254.40	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
257.70	12		CLJ	CRACK LONGITUDINAL AT JOINT	
263.60	12	12	BJ	BROKEN PIPE AT JOINT	Pipe patch
266.70	12	12	BJ	BROKEN PIPE AT JOINT	Pipe patch
273.00	12		CLJ	CRACK LONGITUDINAL AT JOINT	
275.90	10		CLJ	CRACK LONGITUDINAL AT JOINT	
281.80	2		CLJ	CRACK LONGITUDINAL AT JOINT	
288.10	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
289.20	9		SLI	START A LATERAL INSPECTION	
296.20	8	2	CMJ	CRACKS MULTIPLE AT JOINT	
299.10	9		CLJ	CRACK LONGITUDINAL AT JOINT	
302.20	4	5	CMJ	CRACKS MULTIPLE AT JOINT	
305.40	11		CLJ	CRACK LONGITUDINAL AT JOINT	
306.20	9		SLI	START A LATERAL INSPECTION	
313.60	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
316.60	8	3	CMJ	CRACKS MULTIPLE AT JOINT	
325.70	2		CLJ	CRACK LONGITUDINAL AT JOINT	
328.80	8	10	BJ	BROKEN PIPE AT JOINT	Pipe patch
334.80	10		CLJ	CRACK LONGITUDINAL AT JOINT	
338.10	2	5	BJ	BROKEN PIPE AT JOINT	Pipe patch
341.10	1		CLJ	CRACK LONGITUDINAL AT JOINT	
343.70	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
347.20	2		CLJ	CRACK LONGITUDINAL AT JOINT	
350.10	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
353.10	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
356.10	9	3	CMJ	CRACKS MULTIPLE AT JOINT	

## ***Regional Water Resource Agency Detailed Pipe Segment Report***

359.20	2	CLJ	CRACK LONGITUDINAL AT JOINT	
365.40	12	3 BJ	BROKEN PIPE AT JOINT	Pipe patch
371.00		CN	CONNECTION	SW in MH #2615
371.00		SI	STOP INSPECTION	
371.00		MH	MANHOLE	MH #2615

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 5/16/2024	1:39 PM	Project Number: 08-002275	Weather: Cloudy
Investigator: Adam Mischel		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index:

US Structure: 4139	Upstream Address 1421 CEDAR ST	Depth: 8.25	21,628
DS Structure: 4138	Downstream Address 1401 CEDAR ST	Depth: 9.70	

TV Direction: Upstream to Downstream	Length (ft): 265.80	277.60 Last Obs (ft)	Slope %: 0.99%
Pipe Shape: Round	Pipe Size: 10	Material: VCP	Surface: Concrete

Short Comment: Pipe needs to be CIPP. Needs 8+ Pipe Patch repairs at Broken Pipes. > MORE COST EFFECTIVE TO CIPP - AH 6/14/24

Overall Condition:

**Comments:** Inspection of 10" VCP, with the flow, at MH #4139 north towards MH #4138

**Observations:**

Distance	Start	End	Comments
0.00		SWF	START WITH THE FLOW
0.00		MH	MANHOLE
15.20	4	6 B	BROKEN PIPE
			Pipe patch
41.00	12	12 BJ	BROKEN PIPE AT JOINT
			Pipe patch
46.10	9	CLJ	CRACK LONGITUDINAL AT JOINT
56.60	8	4 CMJ	CRACKS MULTIPLE AT JOINT
61.70	3	CLJ	CRACK LONGITUDINAL AT JOINT
70.40	9	SLI	START A LATERAL INSPECTION
72.70	3	SLI	START A LATERAL INSPECTION
81.30	6	4 CCJ	CRACK CIRCUMFERENTIAL AT JOINT
89.00	4	8 BJ	BROKEN PIPE AT JOINT
			Pipe patch
94.10	4	8 CMJ	CRACKS MULTIPLE AT JOINT
99.60	4	8 CMJ	CRACKS MULTIPLE AT JOINT
119.80	8	11 CLJ	CRACK LONGITUDINAL AT JOINT
120.80	3	PT	PLUGGED TEE
126.90	5	10 CMJ	CRACKS MULTIPLE AT JOINT
128.00	9	SLI	START A LATERAL INSPECTION
			Hammer tap
141.80	8	CLJ	CRACK LONGITUDINAL AT JOINT
142.50	9	CN	CONNECTION
			Full of silt, appears not active
143.90	4	5 CLJ	CRACK LONGITUDINAL AT JOINT
148.90	9	3 CMJ	CRACKS MULTIPLE AT JOINT
154.00	4	8 BJ	BROKEN PIPE AT JOINT
			Pipe patch
164.20	12	RMJ	ROOT MASS AT JOINT
169.30	10	CLJ	CRACK LONGITUDINAL AT JOINT
172.00	1	BJ	BROKEN PIPE AT JOINT
			Pipe patch
180.40	3	SLI	START A LATERAL INSPECTION
184.20	4	8 BJ	BROKEN PIPE AT JOINT
			Pipe patch
199.70	7	8 CLJ	CRACK LONGITUDINAL AT JOINT
199.70	8	9 RFJ	ROOTS FINE AT JOINT
201.70	9	SLI	START A LATERAL INSPECTION
			Hammer tap
204.80	5	7 CMJ	CRACKS MULTIPLE AT JOINT
207.30	8	10 RFJ	ROOTS FINE AT JOINT

## Regional Water Resource Agency Detailed Pipe Segment Report

207.30	8	9	CLJ	CRACK LONGITUDINAL AT JOINT	
209.80	7	9	RFJ	ROOTS FINE AT JOINT	
212.60	8	9	RFJ	ROOTS FINE AT JOINT	
215.30	8	4	RFJ	ROOTS FINE AT JOINT	
217.80	8	4	RFJ	ROOTS FINE AT JOINT	
217.80	3		CLJ	CRACK LONGITUDINAL AT JOINT	
220.40	8	9	RFJ	ROOTS FINE AT JOINT	
220.40	5	7	CMJ	CRACKS MULTIPLE AT JOINT	
223.10	4	8	RFJ	ROOTS FINE AT JOINT	
225.70	8	9	RFJ	ROOTS FINE AT JOINT	
228.10	4	8	RFJ	ROOTS FINE AT JOINT	
230.60	8	9	RFJ	ROOTS FINE AT JOINT	
233.20	8	9	RFJ	ROOTS FINE AT JOINT	
236.80	9		PT	PLUGGED TEE	
237.90	8	9	RFJ	ROOTS FINE AT JOINT	
239.20	3		SLI	START A LATERAL INSPECTION	
242.50	4	8	BJ	BROKEN PIPE AT JOINT	Pipe patch
245.00	4	8	CMJ	CRACKS MULTIPLE AT JOINT	
247.60	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
257.90	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
267.90	9		CLJ	CRACK LONGITUDINAL AT JOINT	
270.70	10	2	BJ	BROKEN PIPE AT JOINT	Pipe patch
273.40	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
276.00	5	7	CMJ	CRACKS MULTIPLE AT JOINT	
277.60			SI	STOP INSPECTION	
277.60			MH	MANHOLE	MH #4138

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 8/24/2023	12:07 PM	Project Number: CSO #40	Weather: Sunny
Investigator: Trey Pate		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index:

US Structure: 3144	Upstream Address	2028 CLINTON PL E	Depth: 6.50	20,563
DS Structure: 3145	Downstream Address	1006 FORD AV	Depth: 8.25	

TV Direction: Upstream to Downstream	Length (ft): 372.90	386.30 Last Obs (ft)	Slope %: 0.80%
Pipe Shape: Round	Pipe Size: 10	Material: VCP	Surface: Asphalt

Short Comment: Added HIF b/c this pipe needs 8+ Pipe Patches. AH 8/24/23

Overall Condition:

**Comments:** General inspection of 8" VCP sewer main from MH #3144 @ 2028 Clinton Pl. East heading South downstream to MH #3145 @ Clinton Place East/ Ford Ave./ NOTE: This line was wheeled off following inspection and measurement was 388'.

**Observations:**

Distance	Start	End	Comments
0.00		MH	MANHOLE
0.00		SWF	START WITH THE FLOW
4.10	1	2 CMJ	CRACKS MULTIPLE AT JOINT
6.50	7	12 CCJ	CRACK CIRCUMFERENTIAL AT JOINT
9.70	10	3 CMJ	CRACKS MULTIPLE AT JOINT
12.80	9	3 CMJ	CRACKS MULTIPLE AT JOINT
15.90	10	2 CMJ	CRACKS MULTIPLE AT JOINT
18.90	10	2 CMJ	CRACKS MULTIPLE AT JOINT
21.90	9	3 CMJ	CRACKS MULTIPLE AT JOINT
28.10	10	2 CMJ	CRACKS MULTIPLE AT JOINT
30.90	5	7 BJ	BROKEN PIPE AT JOINT
35.10	9	SLI	START A LATERAL INSPECTION
40.10	8	4 CMJ	CRACKS MULTIPLE AT JOINT
43.20	9	3 BJ	BROKEN PIPE AT JOINT
49.10	9	3 CMJ	CRACKS MULTIPLE AT JOINT
52.10	3	CMJ	CRACKS MULTIPLE AT JOINT
59.00		RS	REPAIRED SECTION
			CIPP pipe patch
67.40	11	12 CMJ	CRACKS MULTIPLE AT JOINT
73.40	10	2 CCJ	CRACK CIRCUMFERENTIAL AT JOINT
76.20	10	2 CMJ	CRACKS MULTIPLE AT JOINT
79.40	9	3 CMJ	CRACKS MULTIPLE AT JOINT
82.60	1	4 BJ	BROKEN PIPE AT JOINT
83.60	3	SLI	START A LATERAL INSPECTION
85.80	7	5 CMJ	CRACKS MULTIPLE AT JOINT
91.90	7	5 CMJ	CRACKS MULTIPLE AT JOINT
97.90	8	4 CMJ	CRACKS MULTIPLE AT JOINT
101.00	8	4 CMJ	CRACKS MULTIPLE AT JOINT
103.90	8	4 CMJ	CRACKS MULTIPLE AT JOINT
106.90	8	4 CMJ	CRACKS MULTIPLE AT JOINT
107.80	3	PT	PLUGGED TEE
109.60	4	7 BJ	BROKEN PIPE AT JOINT
113.00	9	CMJ	CRACKS MULTIPLE AT JOINT

## Regional Water Resource Agency Detailed Pipe Segment Report

114.10	9		SLI	START A LATERAL INSPECTION	
125.30	8	11	CMJ	CRACKS MULTIPLE AT JOINT	
143.60	3		BJ	BROKEN PIPE AT JOINT	
149.60	10	2	CMJ	CRACKS MULTIPLE AT JOINT	
155.80	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
156.40			RS	REPAIRED SECTION	CIPP pipe patch
161.80	7	5	CMJ	CRACKS MULTIPLE AT JOINT	
181.30			RS	REPAIRED SECTION	CIPP pipe patch
193.00	3		PT	PLUGGED TEE	
194.20	3		SLI	START A LATERAL INSPECTION	
197.50	7		CL	CRACK LONGITUDINAL	
198.40	4	8	CLJ	CRACK LONGITUDINAL AT JOINT	
204.40	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
207.90	7		CL	CRACK LONGITUDINAL	
219.60	10	2	CMJ	CRACKS MULTIPLE AT JOINT	
222.70	3	9	CMJ	CRACKS MULTIPLE AT JOINT	
225.60	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
228.70	9		CMJ	CRACKS MULTIPLE AT JOINT	
230.60	5		CL	CRACK LONGITUDINAL	
234.90	7		CLJ	CRACK LONGITUDINAL AT JOINT	
242.20	9		SLI	START A LATERAL INSPECTION	
242.60	9		CL	CRACK LONGITUDINAL	
253.30	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
256.30	10		CLJ	CRACK LONGITUDINAL AT JOINT	
256.90	9		PT	PLUGGED TEE	
262.00	3	10	CM	CRACKS MULTIPLE	
274.50	8		BJ	BROKEN PIPE AT JOINT	
277.20	7		CL	CRACK LONGITUDINAL	
280.50	2		CMJ	CRACKS MULTIPLE AT JOINT	
283.60	10	11	CMJ	CRACKS MULTIPLE AT JOINT	
284.80	3		SLI	START A LATERAL INSPECTION	
302.90	5		B	BROKEN PIPE	
304.50			MC	MATERIAL CHANGES	VCP to PVC
308.20			MC	MATERIAL CHANGES	PVC to VCP
320.30	7	5	CMJ	CRACKS MULTIPLE AT JOINT	
323.50	7	5	CMJ	CRACKS MULTIPLE AT JOINT	
338.60			LD	LINE DEVIATES DOWN	
386.30			MH	MANHOLE	MH #3145 @ Clinton Place East/ Ford Ave.
386.30			CN	CONNECTION	South in MH #3145

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 4/24/2023	10:34 AM	Project Number:	Weather: Sunny
Investigator: Adam Mischel		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index: HC20-21

US Structure: 2214	Upstream Address 3146	DAVIESS ST	Depth: 4.20	20,102
DS Structure: 2213	Downstream Address 3127	DAVIESS ST	Depth: 5.83	

TV Direction: Upstream to Downstream	Length (ft): 241.50	245.00 Last Obs (ft)	Slope %: 0.43%
Pipe Shape: Round	Pipe Size: 10	Material: VCP	Surface: Asphalt

Short Comment: Added HIF to this pipe b/c it needs 7+ Pipe Patches. -AH 4/28/23

Overall Condition:

**Comments:** Inspection of 10" VCP, with the flow, at MH #2214 northeast towards MH #2213

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>	<u>Comments</u>
0.00		CN	CONNECTION SW in MH #2214
0.00		SWF	START WITH THE FLOW
0.00		MH	MANHOLE MH #2214
0.00		CN	CONNECTION SE in MH #2214
22.20	4	8 BJ	BROKEN PIPE AT JOINT Pipe patch
30.80	12	CLJ	CRACK LONGITUDINAL AT JOINT
31.50	9	SLI	START A LATERAL INSPECTION
34.80	3	SLI	START A LATERAL INSPECTION
52.80	9	3 CMJ	CRACKS MULTIPLE AT JOINT
61.20	12	12 BJ	BROKEN PIPE AT JOINT Dig
65.30	12	12 BJ	BROKEN PIPE AT JOINT Pipe patch
81.80	8	11 CMJ	CRACKS MULTIPLE AT JOINT
82.80	9	SLI	START A LATERAL INSPECTION
86.00	3	SLI	START A LATERAL INSPECTION
91.70	12	12 BJ	BROKEN PIPE AT JOINT Pipe patch
100.20	10	2 CMJ	CRACKS MULTIPLE AT JOINT
116.80	9	3 CMJ	CRACKS MULTIPLE AT JOINT
124.80	9	3 CMJ	CRACKS MULTIPLE AT JOINT
138.30	9	SLI	START A LATERAL INSPECTION
141.00	3	SLI	START A LATERAL INSPECTION
143.30	3	9 BJ	BROKEN PIPE AT JOINT Pipe patch
147.30	4	8 CMJ	CRACKS MULTIPLE AT JOINT
155.80	8	4 BJ	BROKEN PIPE AT JOINT Pipe patch
159.60	4	8 BJ	BROKEN PIPE AT JOINT Pipe patch
163.10		WL	WATER LEVEL
167.80	7	8 BJ	BROKEN PIPE AT JOINT Pipe patch
176.10		WL	WATER LEVEL
176.10	10	CLJ	CRACK LONGITUDINAL AT JOINT
180.20	11	CLJ	CRACK LONGITUDINAL AT JOINT
188.20	8	CLJ	CRACK LONGITUDINAL AT JOINT
192.40	9	12 BJ	BROKEN PIPE AT JOINT
193.30	9	SLI	START A LATERAL INSPECTION
195.40	1	5 BJ	BROKEN PIPE AT JOINT

## Regional Water Resource Agency Detailed Pipe Segment Report

196.30	3	SLI	START A LATERAL INSPECTION	
202.70	8	CLJ	CRACK LONGITUDINAL AT JOINT	
214.70	3	CLJ	CRACK LONGITUDINAL AT JOINT	
219.00	3	9 BJ	BROKEN PIPE AT JOINT	Pipe patch, void forming
227.20	4	8 BJ	BROKEN PIPE AT JOINT	Pipe patch
231.30	10	4 CMJ	CRACKS MULTIPLE AT JOINT	
235.40	8	4 CMJ	CRACKS MULTIPLE AT JOINT	
239.60	2	3 CLJ	CRACK LONGITUDINAL AT JOINT	
245.00		CN	CONNECTION	W in MH #2213
245.00		MH	MANHOLE	MH #2213
245.00		CN	CONNECTION	E in MH #2213
245.00		SI	STOP INSPECTION	

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 4/24/2023	12:19 PM	Project Number:	Weather: Sunny
Investigator: Adam Mischel		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index: HC20-20

US Structure: 2213	Upstream Address 3127	DAVIESS ST	Depth: 5.83	20,104
DS Structure: 2212	Downstream Address 3106	DAVIESS ST	Depth: 7.25	

TV Direction: Upstream to Downstream	Length (ft): 244.20	247.20 Last Obs (ft)	Slope %: 0.33%
Pipe Shape: Round	Pipe Size: 10	Material: VCP	Surface: Asphalt

Short Comment: Added HIF b/c this pipe needs 11+ Pipe Patches. -AH 4/28/23

Overall Condition:

**Comments:** Inspection of 10" VCP, with the flow, at MH #2213 northeast towards MH #2212

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>	<u>Comments</u>
0.00		SWF	START WITH THE FLOW
0.00		MH	MANHOLE MH #2213
0.00		CN	CONNECTION W in MH #2213
0.00		CN	CONNECTION E in MH #2213
2.10	8	4 CMJ	CRACKS MULTIPLE AT JOINT
6.20	2	7 BJ	BROKEN PIPE AT JOINT Pipe patch
10.20	4	8 BJ	BROKEN PIPE AT JOINT Pipe patch
15.40	12	12 RS	REPAIRED SECTION Pipe patch
18.90	12	12 RS	REPAIRED SECTION Pipe patch
22.60	10	2 CMJ	CRACKS MULTIPLE AT JOINT
22.90		WL	WATER LEVEL
30.80	9	3 CMJ	CRACKS MULTIPLE AT JOINT
34.70	8	4 CLJ	CRACK LONGITUDINAL AT JOINT
39.20	9	4 BJ	BROKEN PIPE AT JOINT Pipe patch
43.30	8	1 BJ	BROKEN PIPE AT JOINT Pipe patch
47.40	3	5 CCJ	CRACK CIRCUMFERENTIAL AT JOINT
51.50	8	1 CMJ	CRACKS MULTIPLE AT JOINT
55.40	3	5 BJ	BROKEN PIPE AT JOINT Pipe patch
59.70	10	CLJ	CRACK LONGITUDINAL AT JOINT
64.70	9	SLI	START A LATERAL INSPECTION
66.60	12	12 RS	REPAIRED SECTION PVC
68.00	3	SLI	START A LATERAL INSPECTION
73.80	2	4 CMJ	CRACKS MULTIPLE AT JOINT
78.20	9	3 CMJ	CRACKS MULTIPLE AT JOINT
86.10	9	3 CMJ	CRACKS MULTIPLE AT JOINT
94.30	7	4 BJ	BROKEN PIPE AT JOINT Pipe patch
98.30	8	4 BJ	BROKEN PIPE AT JOINT Pipe patch
102.40	4	8 BJ	BROKEN PIPE AT JOINT Pipe patch
106.40	7	10 BJ	BROKEN PIPE AT JOINT Pipe patch
110.50	5	7 CMJ	CRACKS MULTIPLE AT JOINT
111.50	9	CN	CONNECTION
114.50	3	SLI	START A LATERAL INSPECTION
120.70	9	2 CMJ	CRACKS MULTIPLE AT JOINT

## Regional Water Resource Agency Detailed Pipe Segment Report

124.80	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
126.30	5	7	DEJ	DEBRIS AT JOINT	
129.00	12	12	RS	REPAIRED SECTION	Pipe patch
149.40	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
171.00	9		SLI	START A LATERAL INSPECTION	
173.70	3		SLI	START A LATERAL INSPECTION	
183.70	11		CLJ	CRACK LONGITUDINAL AT JOINT	
187.90	11		CLJ	CRACK LONGITUDINAL AT JOINT	
192.00	1		CLJ	CRACK LONGITUDINAL AT JOINT	
200.30	8	11	CCJ	CRACK CIRCUMFERENTIAL AT JOINT	
204.50	7	10	BJ	BROKEN PIPE AT JOINT	Pipe patch
212.50	1	5	BJ	BROKEN PIPE AT JOINT	Pipe patch
216.00	3		SLI	START A LATERAL INSPECTION	
217.10	12	12	RS	REPAIRED SECTION	PVC
218.60	9		SLI	START A LATERAL INSPECTION	
221.20	9		PT	PLUGGED TEE	
224.30	3		PT	PLUGGED TEE	
236.00	12	12	RS	REPAIRED SECTION	Pipe patch
239.30	12	12	RS	REPAIRED SECTION	Pipe patch
247.20			SI	STOP INSPECTION	
247.20			MH	MANHOLE	MH #2212

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 3/14/2023 1:22 PM Project Number: Weather: Cloudy  
 Investigator: Trey Pate Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index:

US Structure: 2212 Upstream Address 3106 DAVIESS ST Depth: 7.25  
 DS Structure: 2237 Downstream Address 3101 DAVIESS ST Depth: 8.25

TV Direction: Upstream to Downstream Length (ft): 119.80 Record 120.10 Last Obs (ft) Slope %: 0.58%  
 Pipe Shape: Round Pipe Size: 10 Drawings Material: VCP Surface: Asphalt

Short Comment: Added HIF to this pipe b/c it is very short and it needs several Pipe Patch Repairs. More cost effective to CIPP. -AH 1/23/25

Overall Condition:

**Comments:** General inspection of 10" VCP sewer main from MH #2212 @ 3106 Daviess St. heading Northeast to MH #2237@ 3101 Daviess St.

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00			SWF	START WITH THE FLOW
0.00			MH	MANHOLE
0.00			RS	REPAIRED SECTION
1.20			LR	LINE DEVIATES RIGHT
9.60	5	7	BJ	BROKEN PIPE AT JOINT
17.40	4	8	CMJ	CRACKS MULTIPLE AT JOINT
29.80	8	4	CCJ	CRACK CIRCUMFERENTIAL AT JOINT
33.80	1	5	BJ	BROKEN PIPE AT JOINT
34.90	9		SLI	START A LATERAL INSPECTION
36.00	3		SLI	START A LATERAL INSPECTION
36.70	4		CLJ	CRACK LONGITUDINAL AT JOINT
40.70	3		CLJ	CRACK LONGITUDINAL AT JOINT
53.90	3		SLI	START A LATERAL INSPECTION
55.90	7	9	BJ	BROKEN PIPE AT JOINT
72.00			LR	LINE DEVIATES RIGHT
75.80	12		CLJ	CRACK LONGITUDINAL AT JOINT
80.20	9		CLJ	CRACK LONGITUDINAL AT JOINT
88.30	5		DEJ	DEBRIS AT JOINT
94.00			RS	REPAIRED SECTION
104.30	8	3	BJ	BROKEN PIPE AT JOINT
108.20	9		BJ	BROKEN PIPE AT JOINT
116.10	4	6	DEJ	DEBRIS AT JOINT
117.60	1	5	CMJ	CRACKS MULTIPLE AT JOINT
117.60			LL	LINE DEVIATES LEFT
120.10			MH	MANHOLE
120.10			SI	STOP INSPECTION

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 1/30/2024	10:33 AM	Project Number:	Weather: Cold
Investigator: Trey Pate		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index: HC9-28

US Structure: 4924	Upstream Address 1401 HATHAWAY ST	Depth: 11.10	21,071
DS Structure: 1187	Downstream Address 1500 HATHAWAY ST	Depth: 5.92	

TV Direction: Upstream to Downstream	Length (ft): 292.00	GPS Points: 292.00	Last Obs (ft): 292.00	Slope %: 0.30%
Pipe Shape: Round	Pipe Size: 10	Material: VCP	Surface: Asphalt	

Short Comment: This Pipe Needs 11+ Pipe Patches installed. HIF has been added to this pipe. -AH 1/30/24

Overall Condition:

**Comments:** General inspection of 10" VCP sewer main from MH #4924 @ E. 14th St./ Hathaway St. heading South downstream to MH #1187 @ E. 15th St./ Hathaway St.

**Observations:**

Distance	Start	End	Comments
0.00		MH	MANHOLE
0.00		SWF	START WITH THE FLOW
23.80	12	12	CMJ CRACKS MULTIPLE AT JOINT
36.80	9	4	CMJ CRACKS MULTIPLE AT JOINT
40.10	3		PT PLUGGED TEE
44.60	9		CMJ CRACKS MULTIPLE AT JOINT
49.90	12	5	CCJ CRACK CIRCUMFERENTIAL AT JOINT
50.60	3		PT PLUGGED TEE
57.60	7	8	CMJ CRACKS MULTIPLE AT JOINT
66.50	9		SLI START A LATERAL INSPECTION
67.80	8		CLJ CRACK LONGITUDINAL AT JOINT
73.30	7		CMJ CRACKS MULTIPLE AT JOINT
78.50	7	12	CMJ CRACKS MULTIPLE AT JOINT
83.50	12	4	CMJ CRACKS MULTIPLE AT JOINT
87.20		MC	MATERIAL CHANGES VCP to PVC
88.90	9		SLI START A LATERAL INSPECTION
89.80		MC	MATERIAL CHANGES PVC to VCP
93.90	3	5	CMJ CRACKS MULTIPLE AT JOINT
97.00	9		PT PLUGGED TEE
98.90	8	9	CMJ CRACKS MULTIPLE AT JOINT
103.20	9		SLI START A LATERAL INSPECTION
104.80	9		PT PLUGGED TEE
106.80	3		CMJ CRACKS MULTIPLE AT JOINT
111.80	6	7	BJ BROKEN PIPE AT JOINT
122.00	7		CLJ CRACK LONGITUDINAL AT JOINT
124.60	2	6	CMJ CRACKS MULTIPLE AT JOINT
135.90	3		SLI START A LATERAL INSPECTION
137.40	12	4	CMJ CRACKS MULTIPLE AT JOINT
158.00	9	1	CMJ CRACKS MULTIPLE AT JOINT
171.90	9		PT PLUGGED TEE
173.90	6	8	BJ BROKEN PIPE AT JOINT
176.10	9		SLI START A LATERAL INSPECTION

## **Regional Water Resource Agency Detailed Pipe Segment Report**

188.40	9		PT	PLUGGED TEE	
190.00	3		PT	PLUGGED TEE	
194.40	5	7	BJ	BROKEN PIPE AT JOINT	
196.90	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
204.70	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
215.10	3	8	BJ	BROKEN PIPE AT JOINT	
217.20	3		SLI	START A LATERAL INSPECTION	
221.00	9		SLI	START A LATERAL INSPECTION	
221.60	9		CL	CRACK LONGITUDINAL	
225.80	4	7	BJ	BROKEN PIPE AT JOINT	
240.80	2	9	CMJ	CRACKS MULTIPLE AT JOINT	
254.50	9		PT	PLUGGED TEE	
256.90	3		PT	PLUGGED TEE	
260.10	4	8	CMJ	CRACKS MULTIPLE AT JOINT	
266.50	10	3	CMJ	CRACKS MULTIPLE AT JOINT	
269.20	5	7	BJ	BROKEN PIPE AT JOINT	
284.70	9		CMJ	CRACKS MULTIPLE AT JOINT	
292.00			SI	STOP INSPECTION	
292.00			MH	MANHOLE	MH #1187 @ E. 15th & Hathaway St.

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 5/16/2022	9:55 AM	Project Number:	Weather: Sunny
Investigator: Adam Mischel		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index:

US Structure: 5212	Upstream Address 1101 WERNER AV	Depth: 6.50	19,039
DS Structure: 3332	Downstream Address 1202 WERNER AV	Depth: 12.40	

TV Direction: Upstream to Downstream	Length (ft): 310.70	309.80 Last Obs (ft)	Slope %: 3.01%
Pipe Shape: Round	Pipe Size: 10	Material: VCP	Surface: Concrete

Short Comment: HIF has been added. More cost effective to CIPP this main. Pipe needs 6+ Pipe Patches - AH  
3/11/24

Overall Condition:

**Comments:** Inspection of 10" VCP, with the flow, at MH #5212 south towards MH #3332

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>	<u>Comments</u>
0.00		SWF	START WITH THE FLOW
0.00		MH	MANHOLE
			MH #5212
13.40	3	SLI	START A LATERAL INSPECTION
27.00	9	SLI	START A LATERAL INSPECTION
34.80	9	SLI	START A LATERAL INSPECTION
55.10	9	CLJ	CRACK LONGITUDINAL AT JOINT
61.40	9	3 CMJ	CRACKS MULTIPLE AT JOINT
64.60	3	9 BJ	BROKEN PIPE AT JOINT
			Pipe patch
67.70	4	8 CMJ	CRACKS MULTIPLE AT JOINT
70.80	3	9 CMJ	CRACKS MULTIPLE AT JOINT
73.80	9	3 RFJ	ROOTS FINE AT JOINT
73.80	9	3 CMJ	CRACKS MULTIPLE AT JOINT
78.10	3	SLI	START A LATERAL INSPECTION
83.30	12	12 CMJ	CRACKS MULTIPLE AT JOINT
86.30	4	9 BJ	BROKEN PIPE AT JOINT
			Pipe patch
89.50	9	CLJ	CRACK LONGITUDINAL AT JOINT
111.20	9	3 RFJ	ROOTS FINE AT JOINT
115.30	3	SLI	START A LATERAL INSPECTION
118.00	9	SLI	START A LATERAL INSPECTION
122.10	1	5 CCJ	CRACK CIRCUMFERENTIAL AT JOINT
129.50	9	3 CMJ	CRACKS MULTIPLE AT JOINT
135.30	9	RFJ	ROOTS FINE AT JOINT
137.50	3	CLJ	CRACK LONGITUDINAL AT JOINT
146.40	9	SLI	START A LATERAL INSPECTION
155.90	11	CLJ	CRACK LONGITUDINAL AT JOINT
156.90	9	SLI	START A LATERAL INSPECTION
158.60	4	8 BJ	BROKEN PIPE AT JOINT
159.30	3	SLI	START A LATERAL INSPECTION
184.40	3	9 BJ	BROKEN PIPE AT JOINT
			Pipe patch
220.70	4	8 BJ	BROKEN PIPE AT JOINT
			Pipe patch
223.30	4	8 BJ	BROKEN PIPE AT JOINT
			Pipe patch
225.90	2	5 CMJ	CRACKS MULTIPLE AT JOINT

## **Regional Water Resource Agency Detailed Pipe Segment Report**

228.50	10	12	CCJ	CRACK CIRCUMFERENTIAL AT JOIN'	
229.40	9		SLI	START A LATERAL INSPECTION	
231.10	1	5	BJ	BROKEN PIPE AT JOINT	
232.00	3		SLI	START A LATERAL INSPECTION	
256.90	8	10	BJ	BROKEN PIPE AT JOINT	
257.90	9		SLI	START A LATERAL INSPECTION	
278.40	9		PT	PLUGGED TEE	
281.20	3		PT	PLUGGED TEE	
285.50	5	10	BJ	BROKEN PIPE AT JOINT	Pipe patch
288.00			MC	MATERIAL CHANGES	VCP to PVC
296.60			MC	MATERIAL CHANGES	PVC to VCP
303.80	8	10	BJ	BROKEN PIPE AT JOINT	Pipe patch
306.40	10	2	CMJ	CRACKS MULTIPLE AT JOINT	
308.70			DC	DIMENSION CHANGE	10 to 12
309.80			MH	MANHOLE	MH #3332
309.80			SI	STOP INSPECTION	

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 5/6/2024 10:31 AM Project Number: Weather: Cloudy  
 Investigator: Trey Pate Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index: HC19-74

US Structure: 1798 Upstream Address 1236 AVONDALE RD Depth: 2.00  
 DS Structure: 1789 Downstream Address 2621 CONCORD TER Depth: 5.00

TV Direction: Upstream to Downstream Length (ft): 164.80 163.80 Last Obs (ft) Slope %: 0.46%  
 Pipe Shape: Round Pipe Size: 10 Material: VCP Surface: Asphalt

Short Comment: HIF added b/c this main is severely cracked and needs 10+ Pipe Patches. Pipe needs to be CIPP'd.  
 -AH 5/8/24

Overall Condition:

**Comments:** General inspection of 10" VCP sewer main from MH #1798 @ 1236 Avondale Rd. heading East downstream to MH #1789 @ 2621 Concord Terrace.

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
142.50			RS	REPAIRED SECTION CIPP pipe patch
17.30	3		CMJ	CRACKS MULTIPLE AT JOINT
111.10	8	4	CMJ	CRACKS MULTIPLE AT JOINT
95.60	8	4	CMJ	CRACKS MULTIPLE AT JOINT
13.60	10	2	CMJ	CRACKS MULTIPLE AT JOINT
9.60	12		BJ	BROKEN PIPE AT JOINT
163.80			MH	MANHOLE MH #1789 @ 2621 Concord Terrace
51.90	2	4	CMJ	CRACKS MULTIPLE AT JOINT
0.00			MH	MANHOLE MH #1798 heading downstream
36.60	11		CLJ	CRACK LONGITUDINAL AT JOINT
0.00			SWF	START WITH THE FLOW
64.10	10	3	CMJ	CRACKS MULTIPLE AT JOINT
135.60	11	1	BJ	BROKEN PIPE AT JOINT
91.70	8	4	CMJ	CRACKS MULTIPLE AT JOINT
18.20	3		SLI	START A LATERAL INSPECTION
107.10	12		CLJ	CRACK LONGITUDINAL AT JOINT
40.60	5	7	DEJ	DEBRIS AT JOINT Mortar
131.40	9		CMJ	CRACKS MULTIPLE AT JOINT
123.30	8	3	CMJ	CRACKS MULTIPLE AT JOINT
100.80	9		SLI	START A LATERAL INSPECTION
44.90	2	4	CMJ	CRACKS MULTIPLE AT JOINT
81.40	3		SLI	START A LATERAL INSPECTION
5.00	9	3	BJ	BROKEN PIPE AT JOINT
99.90	10		CMJ	CRACKS MULTIPLE AT JOINT
139.60	9	4	CMJ	CRACKS MULTIPLE AT JOINT
0.00			CN	CONNECTION SW in MH #1798
163.80			SI	STOP INSPECTION
127.40	9	3	CMJ	CRACKS MULTIPLE AT JOINT
49.00	8	4	CMJ	CRACKS MULTIPLE AT JOINT
32.80	11		CLJ	CRACK LONGITUDINAL AT JOINT
49.90	9		SLI	START A LATERAL INSPECTION

## **Regional Water Resource Agency Detailed Pipe Segment Report**

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0.00		CN	CONNECTION	NW in MH #1798
115.00	12	CLJ	CRACK LONGITUDINAL AT JOINT	

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## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 5/6/2024 12:07 PM Project Number: Weather: Cloudy  
 Investigator: Trey Pate Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index: HC19-74

US Structure: 1789 Upstream Address 2621 CONCORD TER Depth: 5.00 21,561  
 DS Structure: 1801 Downstream Address 2621 OLD HARTFORD RD Depth: 11.58

TV Direction: Upstream to Downstream Length (ft): 336.70 336.70 Last Obs (ft) Slope %: 0.64%  
 Pipe Shape: Round Pipe Size: 10 Material: VCP Surface: Asphalt

Short Comment: Pipe Needs to be CIPP b/c it has several areas of significant cracks at 12 Oclock. Too many bad spots to Pipe Patch. -AH 5/7/24

Overall Condition:

**Comments:** General inspection of 10" VCP sewer main from MH #1789 @ 2621 Concord Terrace heading East downstream at 2621 Old Hartford Rd.

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00			SWF	START WITH THE FLOW
0.00			MH	MANHOLE
				MH #1789 heading downstream
18.30	11	1	CMJ	CRACKS MULTIPLE AT JOINT
22.30	12	2	CMJ	CRACKS MULTIPLE AT JOINT
26.10	10	3	CMJ	CRACKS MULTIPLE AT JOINT
30.20	10	2	CMJ	CRACKS MULTIPLE AT JOINT
34.30	11		CMJ	CRACKS MULTIPLE AT JOINT
38.60	10		CMJ	CRACKS MULTIPLE AT JOINT
50.70	8	3	CMJ	CRACKS MULTIPLE AT JOINT
58.80	8	4	CMJ	CRACKS MULTIPLE AT JOINT
67.00	8	4	CMJ	CRACKS MULTIPLE AT JOINT
75.20	9	4	CMJ	CRACKS MULTIPLE AT JOINT
84.20	3		PT	PLUGGED TEE
86.30	8		CMJ	CRACKS MULTIPLE AT JOINT
87.50	9		SLI	START A LATERAL INSPECTION
89.60	12	1	CMJ	CRACKS MULTIPLE AT JOINT
93.50	10		CMJ	CRACKS MULTIPLE AT JOINT
105.90	9	3	CMJ	CRACKS MULTIPLE AT JOINT
114.00	9		CMJ	CRACKS MULTIPLE AT JOINT
118.40	12		CLJ	CRACK LONGITUDINAL AT JOINT
119.30	5	7	DEJ	DEBRIS AT JOINT
				Mortar
134.40	12	4	CMJ	CRACKS MULTIPLE AT JOINT
137.30			RS	REPAIRED SECTION
				CIPP pipe patch
151.00	4		CLJ	CRACK LONGITUDINAL AT JOINT
159.00	12		CLJ	CRACK LONGITUDINAL AT JOINT
171.50	11	4	CMJ	CRACKS MULTIPLE AT JOINT
191.90	2		CLJ	CRACK LONGITUDINAL AT JOINT
195.80	2		CLJ	CRACK LONGITUDINAL AT JOINT
202.40			RS	REPAIRED SECTION
				CIPP pipe patch
212.30	11		CLJ	CRACK LONGITUDINAL AT JOINT
216.40	4		ISJ	INFILTRATION SEEPER AT JOINT

## Regional Water Resource Agency Detailed Pipe Segment Report

220.40	10		CLJ	CRACK LONGITUDINAL AT JOINT	
249.20	9		ISJ	INFILTRATION SEEPER AT JOINT	
261.60	3	4	CMJ	CRACKS MULTIPLE AT JOINT	
269.80	2		CMJ	CRACKS MULTIPLE AT JOINT	
277.90	8		ISJ	INFILTRATION SEEPER AT JOINT	
282.30	4		IS	INFILTRATION SEEPER	
282.30	2		CMJ	CRACKS MULTIPLE AT JOINT	
286.10	9		ISJ	INFILTRATION SEEPER AT JOINT	
306.70	12	8	ISJ	INFILTRATION SEEPER AT JOINT	
310.80	3		ISJ	INFILTRATION SEEPER AT JOINT	
317.40			RS	REPAIRED SECTION	CIPP pipe patch
323.10	4	11	ISJ	INFILTRATION SEEPER AT JOINT	
331.10	4	8	ISJ	INFILTRATION SEEPER AT JOINT	
336.70			MH	MANHOLE	MH #1801 @ 2621 Old Hartford Rd.
336.70			CN	CONNECTION	East in MH #1801
336.70			SI	STOP INSPECTION	

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 5/30/2023 8:49 AM Project Number: 08-001329 Weather: Sunny  
 Investigator: Adam Mischel Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index: HC37-66,67

US Structure: 7157 Upstream Address 3911 GEMINI DR Depth: 6.00  
 DS Structure: 315 Downstream Address 2220 LOVELL DR Depth: 7.08

TV Direction: Upstream to Downstream Length (ft): 383.20 368.10 Last Obs (ft) Slope %: 0.49%  
 Pipe Shape: Round Pipe Size: 10 Material: VCP Surface: Landscaping, tree, fences

Short Comment: Added HIF to this pipe b/c of Root Intrusion and it contributed to Apollo High School backing up b/c of Root Blockages. 10-19-23 AH

Overall Condition:

**Comments:** Inspection of 10" VCP, with the flow, at MH #7157 northeast towards MH #315

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
164.00	9	CN	CONNECTION	Root mass
338.80	3	PT	PLUGGED TEE	
305.40	8	4 RFJ	ROOTS FINE AT JOINT	
7.50		WL	WATER LEVEL	
132.60	8	1 RFJ	ROOTS FINE AT JOINT	
123.00	9	3 RFJ	ROOTS FINE AT JOINT	
139.00		WL	WATER LEVEL	
49.40	9	RFJ	ROOTS FINE AT JOINT	
0.00		MH	MANHOLE	MH #7157
128.00	9	3 RFJ	ROOTS FINE AT JOINT	
212.40	9	3 RFJ	ROOTS FINE AT JOINT	
288.00	9	SLI	START A LATERAL INSPECTION	
281.70	9	3 RFJ	ROOTS FINE AT JOINT	
166.10	3	PT	PLUGGED TEE	Root mass
58.70	10	2 RFJ	ROOTS FINE AT JOINT	
118.50	9	3 RFJ	ROOTS FINE AT JOINT	
251.50	4	RFJ	ROOTS FINE AT JOINT	
276.20	10	2 RFJ	ROOTS FINE AT JOINT	
289.70	3	PT	PLUGGED TEE	Roots
78.40	9	3 RFJ	ROOTS FINE AT JOINT	
73.50	9	3 RFJ	ROOTS FINE AT JOINT	
117.20	3	CN	CONNECTION	Root mass, can not inspect
28.90	9	3 RFJ	ROOTS FINE AT JOINT	
57.00	9	3 RFJ	ROOTS FINE AT JOINT	
57.50	3	CN	CONNECTION	Roots, can not inspect
368.10		SI	STOP INSPECTION	
368.10		MH	MANHOLE	MH #315
164.00		WL	WATER LEVEL	
153.40	9	3 RFJ	ROOTS FINE AT JOINT	
223.50	9	CN	CONNECTION	Root mass, can not inspect
116.20	10	2 RFJ	ROOTS FINE AT JOINT	

## Regional Water Resource Agency Detailed Pipe Segment Report

286.70	9	3	RFJ	ROOTS FINE AT JOINT	
0.00			SWF	START WITH THE FLOW	
138.00	11	1	RFJ	ROOTS FINE AT JOINT	
225.60	3		SLI	START A LATERAL INSPECTION	
261.40	9	3	RFJ	ROOTS FINE AT JOINT	
241.40	3	4	RFJ	ROOTS FINE AT JOINT	
83.50	9	3	RFJ	ROOTS FINE AT JOINT	
168.30	4	8	DEJ	DEBRIS AT JOINT	
115.20			CN	CONNECTION	cracked at the main, root mass, can not inspect
295.80	3	4	RFJ	ROOTS FINE AT JOINT	
55.50	9		CN	CONNECTION	Root mass, can not inspect
68.30	10	2	RFJ	ROOTS FINE AT JOINT	
142.90	9	3	RFJ	ROOTS FINE AT JOINT	
114.10	10	2	RFJ	ROOTS FINE AT JOINT	
336.70	9		SLI	START A LATERAL INSPECTION	
88.80	10	1	RFJ	ROOTS FINE AT JOINT	

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 1/17/2025	9:52 AM	Project Number: 08-000250	Weather: Mild
Investigator: Adam Mischel		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index: HC8-22

US Structure: 547	Upstream Address	1027 OGLESBY ST	Depth: 7.50
DS Structure: 548	Downstream Address	1114 OGLESBY ST	Depth: 5.92

TV Direction: Upstream to Downstream	Length (ft): 191.50	GPS Points 191.80	Last Obs (ft) 191.80	Slope %: 0.00%
Pipe Shape: Round	Pipe Size: 10	Material: VCP	Surface: Asphalt	

Short Comment: Added HIF to this pipe b/c it needs 8+ Pipe Patch Repairs. This pipe was on the 2025 Spring Paving List. More cost effective to CIPP. AH 1/23/25

Overall Condition:

**Comments:** Inspection of 10" VCP, with the flow, at MH #547 south towards MH #548

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00		CN	CONNECTION	E in MH #547
0.00		MH	MANHOLE	MH #547
0.00		SWF	START WITH THE FLOW	
14.30	9	PT	PLUGGED TEE	
15.80	10	SLI	START A LATERAL INSPECTION	
24.30	10	2 CMJ	CRACKS MULTIPLE AT JOINT	
25.10	3	PT	PLUGGED TEE	
32.00	8	4 BJ	BROKEN PIPE AT JOINT	Pipe patch
34.40	12	12 BJ	BROKEN PIPE AT JOINT	Pipe patch
37.60	9	PT	PLUGGED TEE	
47.40	8	4 CMJ	CRACKS MULTIPLE AT JOINT	
50.00	12	12 CMJ	CRACKS MULTIPLE AT JOINT	
51.00	3	SLI	START A LATERAL INSPECTION	
68.20	9	3 BJ	BROKEN PIPE AT JOINT	Pipe patch
71.40	9	PT	PLUGGED TEE	
73.40	8	4 BJ	BROKEN PIPE AT JOINT	Pipe patch
76.00	9	3 CMJ	CRACKS MULTIPLE AT JOINT	
78.60	9	3 CMJ	CRACKS MULTIPLE AT JOINT	
82.00	9	SLI	START A LATERAL INSPECTION	
83.00	12	12 RS	REPAIRED SECTION	PVC main repair
83.00	3	SLI	START A LATERAL INSPECTION	
84.60	4	8 BJ	BROKEN PIPE AT JOINT	Pipe patch
89.00	9	12 CMJ	CRACKS MULTIPLE AT JOINT	
91.50	2	5 BJ	BROKEN PIPE AT JOINT	Pipe patch
94.10	10	3 CMJ	CRACKS MULTIPLE AT JOINT	
96.80	12	12 CMJ	CRACKS MULTIPLE AT JOINT	
99.20	9	CLJ	CRACK LONGITUDINAL AT JOINT	
100.00	3	SLI	START A LATERAL INSPECTION	
105.00	9	PT	PLUGGED TEE	
112.10	9	3 CMJ	CRACKS MULTIPLE AT JOINT	
120.10	9	3 CMJ	CRACKS MULTIPLE AT JOINT	
124.00	9	SLI	START A LATERAL INSPECTION	
127.90	9	3 CMJ	CRACKS MULTIPLE AT JOINT	
130.40	8	4 BJ	BROKEN PIPE AT JOINT	Pipe patch
133.10	12	12 CMJ	CRACKS MULTIPLE AT JOINT	
135.80	4	8 CMJ	CRACKS MULTIPLE AT JOINT	
146.30	12	12 BJ	BROKEN PIPE AT JOINT	
147.00	3	SLI	START A LATERAL INSPECTION	

## **Regional Water Resource Agency Detailed Pipe Segment Report**

148.60	4	5	BJ	BROKEN PIPE AT JOINT	
151.80	8	4	BJ	BROKEN PIPE AT JOINT	
152.30	9		SLI	START A LATERAL INSPECTION	
154.80	10		SLI	START A LATERAL INSPECTION	
160.00	3		SLI	START A LATERAL INSPECTION	
166.80	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
169.70	9	3	CMJ	CRACKS MULTIPLE AT JOINT	Rebar showing
174.80	8	12	CCJ	CRACK CIRCUMFERENTIAL AT JOINT	
186.10	3		PT	PLUGGED TEE	
191.80			SI	STOP INSPECTION	
191.80			MH	MANHOLE	MH #548
191.80			PT	PLUGGED TEE	W in MH #548

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 7/26/2023	1:04 PM	Project Number: CSO #40	Weather: Cloudy
Investigator: Trey Pate		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index:

US Structure: 3137	Upstream Address	1836 CLINTON PL W	Depth: 6.40	20,437
DS Structure: 3138	Downstream Address	1912 CLINTON PL W	Depth: 8.20	

TV Direction: Upstream to Downstream	Length (ft): 143.40	142.70 Last Obs (ft)	Slope %: 4.67%
Pipe Shape: Round	Pipe Size: 8	Material: VCP	Surface: Asphalt

Short Comment: HIF added to this pipe b/c it needs several Pipe Patches. AH 8/24/23

Overall Condition:

**Comments:** General inspection of 8" VCP sewer main from MH #3137 @ 1836 Clinton Pl. West heading South downstream to MH #3138 @ 1912 Clinton Pl. West.

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>	<u>Comments</u>
0.00		MH	MANHOLE
			MH #3137 heading South
0.00		SWF	START WITH THE FLOW
0.00		CN	CONNECTION
			West in MH #3137
3.00	9	CL	CRACK LONGITUDINAL
3.90	3	CN	CONNECTION
			Full of roots and mud/ Can't launch
4.10	3	BJ	BROKEN PIPE AT JOINT
6.00	5	6 CMJ	CRACKS MULTIPLE AT JOINT
9.20	12	5 RFJ	ROOTS FINE AT JOINT
12.00	8	4 RFJ	ROOTS FINE AT JOINT
12.10	9	CMJ	CRACKS MULTIPLE AT JOINT
15.30	7	RFJ	ROOTS FINE AT JOINT
15.30	8	CCJ	CRACK CIRCUMFERENTIAL AT JOINT
18.20	5	RFJ	ROOTS FINE AT JOINT
18.30	8	4 CMJ	CRACKS MULTIPLE AT JOINT
20.20	9	SLI	START A LATERAL INSPECTION
20.30	9	CL	CRACK LONGITUDINAL
21.40	3	4 CMJ	CRACKS MULTIPLE AT JOINT
24.40	9	3 CMJ	CRACKS MULTIPLE AT JOINT
27.50	5	RFJ	ROOTS FINE AT JOINT
27.50	9	3 CMJ	CRACKS MULTIPLE AT JOINT
30.60	10	2 CMJ	CRACKS MULTIPLE AT JOINT
33.40	5	7 BJ	BROKEN PIPE AT JOINT
36.50	2	CLJ	CRACK LONGITUDINAL AT JOINT
41.80	4	CL	CRACK LONGITUDINAL
42.50	5	RFJ	ROOTS FINE AT JOINT
42.50	5	7 BJ	BROKEN PIPE AT JOINT
43.90	8	CL	CRACK LONGITUDINAL
45.50	7	B	BROKEN PIPE
49.90	3	SLI	START A LATERAL INSPECTION
54.80	10	2 CMJ	CRACKS MULTIPLE AT JOINT
58.60	9	PT	PLUGGED TEE
63.60	10	2 CMJ	CRACKS MULTIPLE AT JOINT

## Regional Water Resource Agency Detailed Pipe Segment Report

66.90	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
69.90	10	2	CMJ	CRACKS MULTIPLE AT JOINT	
72.80	2		BJ	BROKEN PIPE AT JOINT	
76.00	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
78.90	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
85.00	11		CLJ	CRACK LONGITUDINAL AT JOINT	
88.10	10	2	CMJ	CRACKS MULTIPLE AT JOINT	
89.50	4		CL	CRACK LONGITUDINAL	
91.10	2	3	BJ	BROKEN PIPE AT JOINT	
94.10	10	12	CMJ	CRACKS MULTIPLE AT JOINT	
97.20	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
100.30	3		BJ	BROKEN PIPE AT JOINT	
103.30	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
106.40	7	5	CMJ	CRACKS MULTIPLE AT JOINT	
112.40	12	3	CMJ	CRACKS MULTIPLE AT JOINT	
118.60	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
121.50	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
124.60	7		BJ	BROKEN PIPE AT JOINT	
127.60	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
133.70	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
139.80	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
142.70			MH	MANHOLE	MH #3138 @ 1912 Clinton Pl. West
142.70			CN	CONNECTION	West in MH #3138
142.70			SI	STOP INSPECTION	

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 9/5/2024 10:59 AM Project Number: 08-002879 Weather: Sunny  
 Investigator: Trey Pate Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index:

US Structure: 9088 Upstream Address 1316 SAINT ANN ST Depth: 0.00  
 DS Structure: 120 Downstream Address 1330 SAINT ANN ST Depth: 5.42

TV Direction: Downstream to Upstream Length (ft): 170.80 170.00 Last Obs (ft) Slope %: 0.40%  
 Pipe Shape: Round Pipe Size: 8 Material: VCP Surface: Alley Paved

Short Comment: Pipe needs over 20+ Pipe Patches and has severe cracks throughout. A W/O has been created to have a M/H built at the upstream EOL.

Overall Condition:

**Comments:** General inspection of 8" VCP sewer main from MH #120 in alley behind 1331 Frederica St. heading North upstream to EOL #9088.

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00			MH MANHOLE	MH #120 heading upstream
0.00			SAF START AGAINST THE FLOW	
2.00	3	9	BJ BROKEN PIPE AT JOINT	
9.20	4	9	CLJ CRACK LONGITUDINAL AT JOINT	
11.20	2	7	CLJ CRACK LONGITUDINAL AT JOINT	
13.40	2	8	CLJ CRACK LONGITUDINAL AT JOINT	
15.40	3	9	CLJ CRACK LONGITUDINAL AT JOINT	
17.30	11		CLJ CRACK LONGITUDINAL AT JOINT	
18.50	7		CM CRACKS MULTIPLE	
19.90	2	8	CLJ CRACK LONGITUDINAL AT JOINT	
21.80	3	9	CLJ CRACK LONGITUDINAL AT JOINT	
23.80	3	9	CLJ CRACK LONGITUDINAL AT JOINT	
26.90	3		CN CONNECTION	Plugged off
29.20	9		PT PLUGGED TEE	
30.00	1		CLJ CRACK LONGITUDINAL AT JOINT	
32.10	2	8	CLJ CRACK LONGITUDINAL AT JOINT	
34.20	1	6	CLJ CRACK LONGITUDINAL AT JOINT	
36.20	4	9	CLJ CRACK LONGITUDINAL AT JOINT	
38.80	12	7	CLJ CRACK LONGITUDINAL AT JOINT	
40.60	3	9	CLJ CRACK LONGITUDINAL AT JOINT	
42.90	3	9	CLJ CRACK LONGITUDINAL AT JOINT	
44.70	12	12	CLJ CRACK LONGITUDINAL AT JOINT	
46.90	3	9	CLJ CRACK LONGITUDINAL AT JOINT	
49.20	2	7	CLJ CRACK LONGITUDINAL AT JOINT	
51.20	3	9	CLJ CRACK LONGITUDINAL AT JOINT	
53.00	3	9	CLJ CRACK LONGITUDINAL AT JOINT	
55.40	3	9	CLJ CRACK LONGITUDINAL AT JOINT	
57.40	3	9	CLJ CRACK LONGITUDINAL AT JOINT	
59.50	3	9	CLJ CRACK LONGITUDINAL AT JOINT	
62.20	3	9	CLJ CRACK LONGITUDINAL AT JOINT	
64.30	3	8	CLJ CRACK LONGITUDINAL AT JOINT	
65.70	3	9	CLJ CRACK LONGITUDINAL AT JOINT	
68.50	3	9	CLJ CRACK LONGITUDINAL AT JOINT	
71.20	3		SLI START A LATERAL INSPECTION	
72.80	9		CN CONNECTION	Full of debris
73.60	3		RFJ ROOTS FINE AT JOINT	
73.60	3	9	CLJ CRACK LONGITUDINAL AT JOINT	

## Regional Water Resource Agency Detailed Pipe Segment Report

76.30	3	9	CLJ	CRACK LONGITUDINAL AT JOINT	
78.10	5	10	CLJ	CRACK LONGITUDINAL AT JOINT	
80.30	4	9	CLJ	CRACK LONGITUDINAL AT JOINT	
82.60	4	9	CLJ	CRACK LONGITUDINAL AT JOINT	
85.00	4	9	CLJ	CRACK LONGITUDINAL AT JOINT	
86.70	3	8	CLJ	CRACK LONGITUDINAL AT JOINT	
87.80	9		SLI	START A LATERAL INSPECTION	
89.10	3	9	CLJ	CRACK LONGITUDINAL AT JOINT	
91.10	3	9	CLJ	CRACK LONGITUDINAL AT JOINT	
93.50	4	8	CLJ	CRACK LONGITUDINAL AT JOINT	
95.40	6	12	CLJ	CRACK LONGITUDINAL AT JOINT	
97.90	1	7	CLJ	CRACK LONGITUDINAL AT JOINT	
99.00	4	11	CMJ	CRACKS MULTIPLE AT JOINT	
101.20	12	12	CMJ	CRACKS MULTIPLE AT JOINT	
104.00	12	12	CLJ	CRACK LONGITUDINAL AT JOINT	
106.00	4	11	CLJ	CRACK LONGITUDINAL AT JOINT	
107.60	3	9	CLJ	CRACK LONGITUDINAL AT JOINT	
110.30	3	9	CLJ	CRACK LONGITUDINAL AT JOINT	
112.20	3	9	CLJ	CRACK LONGITUDINAL AT JOINT	
114.40	3	9	CLJ	CRACK LONGITUDINAL AT JOINT	
116.40	3	8	CLJ	CRACK LONGITUDINAL AT JOINT	
119.20	3		SLI	START A LATERAL INSPECTION	
121.10	9		PT	PLUGGED TEE	
121.40	2		BJ	BROKEN PIPE AT JOINT	
122.30	5	10	CLJ	CRACK LONGITUDINAL AT JOINT	
124.60	4	11	CLJ	CRACK LONGITUDINAL AT JOINT	
126.60	4	10	CLJ	CRACK LONGITUDINAL AT JOINT	
128.40	3	8	CLJ	CRACK LONGITUDINAL AT JOINT	
130.50	3	8	CLJ	CRACK LONGITUDINAL AT JOINT	
132.60	3	9	CLJ	CRACK LONGITUDINAL AT JOINT	
134.70	3	8	CLJ	CRACK LONGITUDINAL AT JOINT	
136.80	3	8	CLJ	CRACK LONGITUDINAL AT JOINT	
139.20	3	9	CLJ	CRACK LONGITUDINAL AT JOINT	
140.90	3	9	CLJ	CRACK LONGITUDINAL AT JOINT	
143.10	3	9	CLJ	CRACK LONGITUDINAL AT JOINT	
145.10	3	9	CLJ	CRACK LONGITUDINAL AT JOINT	
147.00	3	9	CLJ	CRACK LONGITUDINAL AT JOINT	
149.10	3	9	CLJ	CRACK LONGITUDINAL AT JOINT	
151.40	1	7	CLJ	CRACK LONGITUDINAL AT JOINT	
153.50	2	8	CLJ	CRACK LONGITUDINAL AT JOINT	
155.60	3	9	CLJ	CRACK LONGITUDINAL AT JOINT	
157.40	1	7	CLJ	CRACK LONGITUDINAL AT JOINT	
160.20	9		PT	PLUGGED TEE	
161.20	5	10	CLJ	CRACK LONGITUDINAL AT JOINT	
163.10	2		CLJ	CRACK LONGITUDINAL AT JOINT	
165.80	2	7	CLJ	CRACK LONGITUDINAL AT JOINT	
168.80	3		CN	CONNECTION	Full of roots
170.00			SI	STOP INSPECTION	
170.00			FH	FINISH OF SURVEY	EOL #9088

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 1/3/2024	1:07 PM	Project Number:	Weather: Mild
Investigator: Adam Mischel		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index:

US Structure: 5186	Upstream Address	1302 W 3RD ST	Depth: 0.00	21,022
DS Structure: 8977	Downstream Address	1314 W 3RD ST	Depth: 5.33	

TV Direction: Downstream to Upstream	Length (ft): 83.30	84.10 Last Obs (ft)	Slope %: 0.40%
Pipe Shape: Round	Pipe Size: 8	Material: VCP	Surface: Asphalt

Short Comment:

Overall Condition:

**Comments:** Inspection of 8" VCP, against the flow, at MH #8977 east towards EOL #5186

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00		CN	CONNECTION	S in MH #5186
0.00		SAF	START AGAINST THE FLOW	
0.00		MH	MANHOLE	MH #5186
9.70	9	3	RFJ	ROOTS FINE AT JOINT
12.00	9	3	RFJ	ROOTS FINE AT JOINT
14.20	9	3	RFJ	ROOTS FINE AT JOINT
16.00	9		RFJ	ROOTS FINE AT JOINT
26.40	3	4	RFJ	ROOTS FINE AT JOINT
27.80	3		PT	PLUGGED TEE
36.20	3		CN	CONNECTION Full of silt, appears not active
83.60	1		SLI	START A LATERAL INSPECTION
83.80			SI	STOP INSPECTION EOL #5186
84.10	3		CN	CONNECTION Full of silt, not active

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 1/3/2024	1:14 PM	Project Number: 07-002581	Weather: Mild
Investigator: Adam Mischel		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index:

US Structure: 8977	Upstream Address	1314 W 3RD ST	Depth: 5.33	21,041
DS Structure: 188	Downstream Address	1228 W 3RD ST	Depth: 5.17	

TV Direction: Upstream to Downstream	Length (ft): 42.10	40.20 Last Obs (ft)	Slope %: -0.33%
Pipe Shape: Round	Pipe Size: 8	Material: VCP	Surface: Asphalt

Short Comment: Added HIF b/c of heavy roots through and cracks. Pipe needs to be CIPP'd. - AH 1/9/24

Overall Condition:

**Comments:** Inspection of 8" PVC, with the flow, at MH #8977 north towards MH #188

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>	<u>Comments</u>	<u>Comments</u>
0.00	MH	MANHOLE		MH #8977
0.00	SWF	START WITH THE FLOW		
0.00	CN	CONNECTION		S in MH #8977
21.60	MC	MATERIAL CHANGES		PVC to VCP
23.60	9	3 RFJ	ROOTS FINE AT JOINT	
25.50	9	3 RFJ	ROOTS FINE AT JOINT	
27.80	9	3 RFJ	ROOTS FINE AT JOINT	
29.80	9	3 RFJ	ROOTS FINE AT JOINT	
31.80	9	3 RFJ	ROOTS FINE AT JOINT	
33.30	1	3 RS	REPAIRED SECTION	With roots entering
35.70	9	3 RFJ	ROOTS FINE AT JOINT	
37.30	1	3 RS	REPAIRED SECTION	With roots entering
39.00	3	4 RM	ROOT MASS	
40.20	7	9 B	BROKEN PIPE	Flow line in MH #188
40.20		SI	STOP INSPECTION	
40.20		MH	MANHOLE	MH #188

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 1/3/2024 1:21 PM Project Number: 07-002581 Weather: Mild  
 Investigator: Adam Mischel Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index:

US Structure: 188 Upstream Address 1228 W 3RD ST Depth: 5.17 21,038  
 DS Structure: 5349 Downstream Address Depth: 0.00

TV Direction: Upstream to Downstream Length (ft): 36.80 35.50 Last Obs (ft) Slope %: 0.40%  
 Pipe Shape: Round Pipe Size: 8 Material: VCP Surface: Asphalt

Short Comment: Added HIF b/c of heavy roots through and cracks. Pipe needs to be CIPP'd. - AH 1/9/24

Overall Condition:

**Comments:** Inspection of 8" VCP, with the flow, at MH #188 north towards MH #5349

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00	7	9	B	BROKEN PIPE
				Flow line in MH #188
0.00			SWF	START WITH THE FLOW
0.00			MH	MANHOLE
				MH #188
2.80	8	4	RFJ	ROOTS FINE AT JOINT
4.10	9	3	RFJ	ROOTS FINE AT JOINT
5.60	9	3	RFJ	ROOTS FINE AT JOINT
7.70	9	3	RMJ	ROOT MASS AT JOINT
11.90	8	10	RMJ	ROOT MASS AT JOINT
14.20	8	4	RFJ	ROOTS FINE AT JOINT
16.20	3	4	RFJ	ROOTS FINE AT JOINT
18.30	8	4	RFJ	ROOTS FINE AT JOINT
21.90	8	4	RFJ	ROOTS FINE AT JOINT
24.50	8	4	RFJ	ROOTS FINE AT JOINT
26.30	2	3	RFJ	ROOTS FINE AT JOINT
28.30	8	4	RFJ	ROOTS FINE AT JOINT
30.60	3	4	RFJ	ROOTS FINE AT JOINT
32.70	10	4	RFJ	ROOTS FINE AT JOINT
35.50			MH	MANHOLE
				MH #5349
35.50			SI	STOP INSPECTION

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 1/5/2024 12:25 PM Project Number: 08-000891 Weather: Cold  
 Investigator: Adam Mischel Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index: HC8-77

US Structure: 11444 Upstream Address Depth: 21,035  
 DS Structure: 3929 Downstream Address Depth:

TV Direction: Downstream to Upstream Length (ft): 163.71 155.70 Last Obs (ft) Slope %: 0.40%  
 Pipe Shape: Round Pipe Size: 8 Material: VCP Surface: Asphalt

Short Comment: Added HIF b/c of heavy roots through and cracks. Pipes has 9-10 Pipe Patches needed. Pipe needs to be CIPP'd. - AH 1/9/24

Overall Condition:

**Comments:** Inspection of 8" PVC, against the flow, at MH #3929 north towards EOL #5189  
 This pipe was root cut after inspection

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00			SAF	START AGAINST THE FLOW
0.00			MH	MANHOLE
				MH #3929
12.80	7	9	JDM	JOINT DISPLACED MEDIUM
12.80			MC	MATERIAL CHANGES
				PVC to VCP
15.20	10	4	BJ	BROKEN PIPE AT JOINT
				Pipe patch
17.80	10	2	BJ	BROKEN PIPE AT JOINT
				Pipe patch
28.10	9	3	CMJ	CRACKS MULTIPLE AT JOINT
33.40	4	5	RFJ	ROOTS FINE AT JOINT
38.50	8	4	RFJ	ROOTS FINE AT JOINT
41.30	3		CLJ	CRACK LONGITUDINAL AT JOINT
46.00	8	4	RFJ	ROOTS FINE AT JOINT
49.20	7	10	RMJ	ROOT MASS AT JOINT
49.70	8	4	BJ	BROKEN PIPE AT JOINT
				Pipe patch
49.70	9	3	RMJ	ROOT MASS AT JOINT
52.30	9	3	BJ	BROKEN PIPE AT JOINT
				Pipe patch
57.50			DEG	DEBRIS (GREASE)
62.60	9		RFJ	ROOTS FINE AT JOINT
62.60	8	11	CMJ	CRACKS MULTIPLE AT JOINT
67.70	8	4	BJ	BROKEN PIPE AT JOINT
				Pipe patch
70.20	8	4	BJ	BROKEN PIPE AT JOINT
				Pipe patch
72.90	8	11	BJ	BROKEN PIPE AT JOINT
				Pipe patch
72.90	9		RMJ	ROOT MASS AT JOINT
75.60	3	4	RMJ	ROOT MASS AT JOINT
75.60	9	3	BJ	BROKEN PIPE AT JOINT
				Pipe patch
78.10	9	3	CMJ	CRACKS MULTIPLE AT JOINT
80.70	8	9	RMJ	ROOT MASS AT JOINT
80.70	12	1	CMJ	CRACKS MULTIPLE AT JOINT
83.70	4	8	BJ	BROKEN PIPE AT JOINT
				Pipe patch
88.50	4	8	RFJ	ROOTS FINE AT JOINT
88.50	8		CLJ	CRACK LONGITUDINAL AT JOINT
90.90	4	5	RFJ	ROOTS FINE AT JOINT
98.10	9		PT	PLUGGED TEE
				With roots

## **Regional Water Resource Agency Detailed Pipe Segment Report**

101.60	8	10	CMJ	CRACKS MULTIPLE AT JOINT	
104.00	12	12	CMJ	CRACKS MULTIPLE AT JOINT	
106.50	3	4	RFJ	ROOTS FINE AT JOINT	
106.50	9	3	BJ	BROKEN PIPE AT JOINT	Pipe patch
109.20	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
111.70	2		CLJ	CRACK LONGITUDINAL AT JOINT	
119.40	10	11	CLJ	CRACK LONGITUDINAL AT JOINT	
122.00	3		SLI	START A LATERAL INSPECTION	
122.00			GO	GENERAL OBSERVATION	connection has rolled gasket at the main
122.10	12	12	RS	REPAIRED SECTION	PVC
129.80	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
132.40	10	2	CMJ	CRACKS MULTIPLE AT JOINT	
137.70	9	3	BJ	BROKEN PIPE AT JOINT	Pipe patch
153.30	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
155.70	8	3	CMJ	CRACKS MULTIPLE AT JOINT	

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 3/27/2024 10:51 AM Project Number: 07-002434 Weather: Cloudy  
 Investigator: Trey Pate Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index:

US Structure: 5068 Upstream Address Depth: 8.00 21,333  
 DS Structure: 92 Downstream Address 403 E 21ST ST Depth: 8.80

TV Direction: Downstream to Upstream Length (ft): 200.00 Record 185.10 Last Obs (ft) Slope %: 0.40%  
 Pipe Shape: Round Pipe Size: 8 Drawings Material: VCP Surface: Alley Paved

Short Comment: HIF has been added. Needs 12+ Pipe Patches. W/O # 24-000953 must be completed prior to CIPP

Overall Condition:

**Comments:** General inspection of 8" VCP sewer main from MH #92 behind 336 E. 20th St. heading West upstream to EOL #5068.  
 /NOTE: This line was re-cleaned following inspection.

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00		SAF		START AGAINST THE FLOW
0.00		MH		MANHOLE
0.00		CN		CONNECTION
				MH #95 heading upstream South in MH #92
6.00	12	2	CMJ	CRACKS MULTIPLE AT JOINT
14.10	3	7	BJ	BROKEN PIPE AT JOINT
16.70	5	7	BJ	BROKEN PIPE AT JOINT
19.70	5		RFJ	ROOTS FINE AT JOINT
21.80			LL	LINE DEVIATES LEFT
21.80	5		RFJ	ROOTS FINE AT JOINT
21.90	6	7	CMJ	CRACKS MULTIPLE AT JOINT
23.40	9		PT	PLUGGED TEE
24.80	5		RFJ	ROOTS FINE AT JOINT
27.00	4		RFJ	ROOTS FINE AT JOINT
27.00	12	4	CMJ	CRACKS MULTIPLE AT JOINT
39.90	10		CMJ	CRACKS MULTIPLE AT JOINT
42.50	9	3	CMJ	CRACKS MULTIPLE AT JOINT
47.80	9	4	CMJ	CRACKS MULTIPLE AT JOINT
52.90	2		CMJ	CRACKS MULTIPLE AT JOINT
52.90	11	3	RFJ	ROOTS FINE AT JOINT
58.20	3		RFJ	ROOTS FINE AT JOINT
60.70	8		RFJ	ROOTS FINE AT JOINT
60.70	8		CMJ	CRACKS MULTIPLE AT JOINT
63.30	9	3	CMJ	CRACKS MULTIPLE AT JOINT
63.30	9		RFJ	ROOTS FINE AT JOINT
65.80	2		ISJ	INFILTRATION SEEPER AT JOINT
65.90	5	7	DEJ	DEBRIS AT JOINT
				Mortar
68.60	8	4	RFJ	ROOTS FINE AT JOINT
68.60	8	4	CMJ	CRACKS MULTIPLE AT JOINT
71.10	12		RFJ	ROOTS FINE AT JOINT
73.80	8	4	CMJ	CRACKS MULTIPLE AT JOINT
73.80	8	4	RFJ	ROOTS FINE AT JOINT
76.30	9	12	RFJ	ROOTS FINE AT JOINT
78.90	8	4	RFJ	ROOTS FINE AT JOINT

## Regional Water Resource Agency Detailed Pipe Segment Report

78.90	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
81.60	12		CMJ	CRACKS MULTIPLE AT JOINT	
81.60	7	5	RFJ	ROOTS FINE AT JOINT	
84.20	4	5	RFJ	ROOTS FINE AT JOINT	
84.20	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
87.20	12	12	RFJ	ROOTS FINE AT JOINT	
90.40	3		RFJ	ROOTS FINE AT JOINT	
93.10	12	12	RFJ	ROOTS FINE AT JOINT	
96.40	9		CN	CONNECTION	Full of roots
99.50	7	5	RFJ	ROOTS FINE AT JOINT	
102.00	7	5	RFJ	ROOTS FINE AT JOINT	
104.60	7	5	RFJ	ROOTS FINE AT JOINT	
107.10	9	3	RFJ	ROOTS FINE AT JOINT	
109.80	10		RFJ	ROOTS FINE AT JOINT	
112.50	4	10	RFJ	ROOTS FINE AT JOINT	
115.00	5	9	RFJ	ROOTS FINE AT JOINT	
119.10	9		PT	PLUGGED TEE	
123.00	8	4	ISJ	INFILTRATION SEEPER AT JOINT	
123.10	5	7	BJ	BROKEN PIPE AT JOINT	
128.10	8	4	ISJ	INFILTRATION SEEPER AT JOINT	
130.60	8	4	ISJ	INFILTRATION SEEPER AT JOINT	
135.70	8	4	ISJ	INFILTRATION SEEPER AT JOINT	
148.80	8	4	ISJ	INFILTRATION SEEPER AT JOINT	
156.50			RS	REPAIRED SECTION	
159.20	9		SLI	START A LATERAL INSPECTION	
166.80	9	12	ISJ	INFILTRATION SEEPER AT JOINT	
169.50	10	2	ISJ	INFILTRATION SEEPER AT JOINT	
174.70	10	2	ISJ	INFILTRATION SEEPER AT JOINT	
177.30	9		ISJ	INFILTRATION SEEPER AT JOINT	
179.90	9	3	ISJ	INFILTRATION SEEPER AT JOINT	
184.90	9		SLI	START A LATERAL INSPECTION	
185.10			SI	STOP INSPECTION	
185.10			FH	FINISH OF SURVEY	EOL #5068

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 4/16/2024 11:55 AM Project Number: Weather: Sunny  
 Investigator: Adam Mischel Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index:

US Structure: 10175 Upstream Address Depth: 21,399  
 DS Structure: 10177 Downstream Address Depth:

TV Direction: Upstream to Downstream Length (ft): 288.10 300.00 Last Obs (ft) Slope %: 0.06%  
 Pipe Shape: Round Pipe Size: 8 Material: VCP Surface: Landscaping, tree, fences

Short Comment: Added HIF b/c this pipe needs 8+ Pipe Patches. Cheaper to CIPP this main. -AH 4/19/24

Overall Condition:

**Comments:** Inspection of 8" VCP, with the flow, at MH #10175 east towards MH #10177

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00		SWF	START WITH THE FLOW	
0.00		MH	MANHOLE	MH #10175
12.90	8	4 ISJ	INFILTRATION SEEPER AT JOINT	
18.00	8	4 ISJ	INFILTRATION SEEPER AT JOINT	
22.80	8	4 ISJ	INFILTRATION SEEPER AT JOINT	
27.70	8	4 ISJ	INFILTRATION SEEPER AT JOINT	
32.70	4	8 ISJ	INFILTRATION SEEPER AT JOINT	
42.70	8	4 ISJ	INFILTRATION SEEPER AT JOINT	
47.60	8	4 ISJ	INFILTRATION SEEPER AT JOINT	
52.60	2	CLJ	CRACK LONGITUDINAL AT JOINT	
53.80	2	SLI	START A LATERAL INSPECTION	Hammer tap
53.80	2	CL	CRACK LONGITUDINAL	
62.70	8	4 ISJ	INFILTRATION SEEPER AT JOINT	
68.40	11	SLI	START A LATERAL INSPECTION	
79.10		WL	WATER LEVEL	
87.00	12	12 B	BROKEN PIPE	Pipe patch
92.40	12	12 BJ	BROKEN PIPE AT JOINT	Pipe patch
96.70	12	12 B	BROKEN PIPE	Pipe patch
99.30		WL	WATER LEVEL	
113.30	3	PT	PLUGGED TEE	
114.40	8	ISJ	INFILTRATION SEEPER AT JOINT	
115.40	9	PT	PLUGGED TEE	
120.00		WL	WATER LEVEL	
126.60	12	12 BJ	BROKEN PIPE AT JOINT	Pipe patch
131.40	3	ISJ	INFILTRATION SEEPER AT JOINT	
136.20	8	4 ISJ	INFILTRATION SEEPER AT JOINT	
146.30	8	4 ISJ	INFILTRATION SEEPER AT JOINT	
151.30	8	4 ISJ	INFILTRATION SEEPER AT JOINT	
157.70		WL	WATER LEVEL	
161.10	8	9 ISJ	INFILTRATION SEEPER AT JOINT	
166.10	8	4 BJ	BROKEN PIPE AT JOINT	Pipe patch
185.50		WL	WATER LEVEL	

## **Regional Water Resource Agency Detailed Pipe Segment Report**

225.70	8	4	BJ	BROKEN PIPE AT JOINT	Pipe patch
230.90	3	9	BJ	BROKEN PIPE AT JOINT	Pipe patch
234.60	12	12	B	BROKEN PIPE	Pipe patch
236.10	12	12	BJ	BROKEN PIPE AT JOINT	Pipe patch
240.00			WL	WATER LEVEL	
250.60	8	4	RFJ	ROOTS FINE AT JOINT	
265.50	9	3	RFJ	ROOTS FINE AT JOINT	
270.20	9	3	RFJ	ROOTS FINE AT JOINT	
275.50			WL	WATER LEVEL	
275.50	9	3	RFJ	ROOTS FINE AT JOINT	
285.70	8	3	RFJ	ROOTS FINE AT JOINT	
290.40	9	3	RFJ	ROOTS FINE AT JOINT	
298.20	9	3	B	BROKEN PIPE	Pipe patch
300.00			SI	STOP INSPECTION	
300.00			MH	MANHOLE	MH #10177
300.00			RF	ROOTS FINE	Roots in bottom of MH

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 5/25/2023	11:15 AM	Project Number: CSO #40	Weather: Sunny
Investigator: Trey Pate		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index:

US Structure: 3089	Upstream Address	1819 CHEROKEE DR	Depth: 6.00	20,335
DS Structure: 3088	Downstream Address	1907 CHEROKEE DR	Depth: 7.10	

TV Direction: Upstream to Downstream	Length (ft): 305.39	301.90 Last Obs (ft)	Slope %: 0.69%
Pipe Shape: Round	Pipe Size: 8	Material: VCP	Surface: Asphalt

Short Comment: This Pipe Needs 8 P-2 Pipe Patches. Added HIF after speaking to Mark. - AH 6/7/23

Overall Condition:

**Comments:** General inspection of 8" VCP sewer main from MH #3089 @ 1819 Cherokee Dr. heading South downstream to MH #3088 @ 1907 Cherokee Dr./ NOTE: This line was wheeled off prior to inspection and measurement was 301'.

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>	<u>Comments</u>
0.00		SWF	START WITH THE FLOW
0.00		MH	MANHOLE
			MH #3089 heading South
5.00	10	2 CMJ	CRACKS MULTIPLE AT JOINT
7.00	12	CMJ	CRACKS MULTIPLE AT JOINT
10.70	12	12 CMJ	CRACKS MULTIPLE AT JOINT
19.90	9	3 CMJ	CRACKS MULTIPLE AT JOINT
22.60	4	8 CLJ	CRACK LONGITUDINAL AT JOINT
25.70	10	12 CMJ	CRACKS MULTIPLE AT JOINT
29.80	12	2 CMJ	CRACKS MULTIPLE AT JOINT
34.80	9	3 CCJ	CRACK CIRCUMFERENTIAL AT JOIN'
37.90	10	2 CCJ	CRACK CIRCUMFERENTIAL AT JOIN'
45.00	9	SLI	START A LATERAL INSPECTION
48.10	3	SLI	START A LATERAL INSPECTION
53.00	9	3 CMJ	CRACKS MULTIPLE AT JOINT
56.10	7	12 CCJ	CRACK CIRCUMFERENTIAL AT JOIN'
59.30	10	3 CCJ	CRACK CIRCUMFERENTIAL AT JOIN'
65.20	3	CCJ	CRACK CIRCUMFERENTIAL AT JOIN'
68.30	9	3 CMJ	CRACKS MULTIPLE AT JOINT
71.30	9	3 CMJ	CRACKS MULTIPLE AT JOINT
74.40	9	3 CCJ	CRACK CIRCUMFERENTIAL AT JOIN'
77.40	10	2 CCJ	CRACK CIRCUMFERENTIAL AT JOIN'
78.40	3	SLI	START A LATERAL INSPECTION
80.80	9	CN	CONNECTION
			Intruding main. Gasket partially hanging off connection
86.60	12	12 CMJ	CRACKS MULTIPLE AT JOINT
89.60	9	3 CMJ	CRACKS MULTIPLE AT JOINT
92.90	3	CCJ	CRACK CIRCUMFERENTIAL AT JOIN'
95.60	12	3 CMJ	CRACKS MULTIPLE AT JOINT
98.60	7	12 CMJ	CRACKS MULTIPLE AT JOINT
101.70	12	12 CMJ	CRACKS MULTIPLE AT JOINT
104.70	8	4 CMJ	CRACKS MULTIPLE AT JOINT
107.90	12	CLJ	CRACK LONGITUDINAL AT JOINT
113.90	8	4 CMJ	CRACKS MULTIPLE AT JOINT

## Regional Water Resource Agency Detailed Pipe Segment Report

116.90	8	1	CMJ	CRACKS MULTIPLE AT JOINT	
120.00	8	4	CMJ	CRACKS MULTIPLE AT JOINT	
122.90	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
127.10	5		CL	CRACK LONGITUDINAL	
129.10	5	7	BJ	BROKEN PIPE AT JOINT	
135.00	9	2	CMJ	CRACKS MULTIPLE AT JOINT	
137.90	2		CL	CRACK LONGITUDINAL	
141.00	3		CMJ	CRACKS MULTIPLE AT JOINT	
142.30	3		SLI	START A LATERAL INSPECTION	
145.10	9		SLI	START A LATERAL INSPECTION	
150.00	12	12	CMJ	CRACKS MULTIPLE AT JOINT	
153.00	3		CMJ	CRACKS MULTIPLE AT JOINT	
156.00	9		CLJ	CRACK LONGITUDINAL AT JOINT	
158.90	10		CLJ	CRACK LONGITUDINAL AT JOINT	
162.10	9	4	CMJ	CRACKS MULTIPLE AT JOINT	
165.20	3	4	CMJ	CRACKS MULTIPLE AT JOINT	
171.30	3	9	BJ	BROKEN PIPE AT JOINT	
174.40	8	2	CMJ	CRACKS MULTIPLE AT JOINT	
177.40	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
180.40	11		CLJ	CRACK LONGITUDINAL AT JOINT	
186.50	5	7	DEJ	DEBRIS AT JOINT	Mortar
189.90	7		DEJ	DEBRIS AT JOINT	Mortar
198.40	10	2	CL	CRACK LONGITUDINAL	
201.80	12	2	CMJ	CRACKS MULTIPLE AT JOINT	
205.80	3		SLI	START A LATERAL INSPECTION	
208.90	9		SLI	START A LATERAL INSPECTION	
217.00	5	7	DEJ	DEBRIS AT JOINT	Mortar
220.00	10	1	CMJ	CRACKS MULTIPLE AT JOINT	
229.30	3		CCJ	CRACK CIRCUMFERENTIAL AT JOINT	
232.40	10		CLJ	CRACK LONGITUDINAL AT JOINT	
235.70	10	2	CCJ	CRACK CIRCUMFERENTIAL AT JOINT	
237.70	4		CL	CRACK LONGITUDINAL	
238.50	12	12	CMJ	CRACKS MULTIPLE AT JOINT	
241.30	5	7	BJ	BROKEN PIPE AT JOINT	
250.40	9	12	CMJ	CRACKS MULTIPLE AT JOINT	
256.40	3		CMJ	CRACKS MULTIPLE AT JOINT	
259.40	12	12	CMJ	CRACKS MULTIPLE AT JOINT	
259.80	5		CL	CRACK LONGITUDINAL	
262.50	1	5	CMJ	CRACKS MULTIPLE AT JOINT	
263.50	3		SLI	START A LATERAL INSPECTION	
265.60	8	3	CMJ	CRACKS MULTIPLE AT JOINT	
266.50	9		SLI	START A LATERAL INSPECTION	
274.30	8	11	CMJ	CRACKS MULTIPLE AT JOINT	
283.40	5	7	DEJ	DEBRIS AT JOINT	Mortar

## ***Regional Water Resource Agency Detailed Pipe Segment Report***

283.40	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
292.90	1	5	CCJ	CRACK CIRCUMFERENTIAL AT JOIN'	
296.10	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
301.80			MH	MANHOLE	MH #3088 @ 1907 Cherokee Dr.
301.90			SI	STOP INSPECTION	

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 11/30/2023 1:37 PM Project Number: 08-002873 Weather: Mild  
 Investigator: Adam Mischel Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index:

US Structure: 1639 Upstream Address 1504 HICKORY LA Depth: 9.25 20,872  
 DS Structure: 1640 Downstream Address 1434 HICKORY LA Depth: 6.75

TV Direction: Upstream to Downstream Length (ft): 150.00 153.30 Last Obs (ft) Slope %: 6.67%  
 Pipe Shape: Round Pipe Size: 8 Material: VCP Surface: Landscaping, tree, fences

Short Comment: Added HIF b/c of large root masses throughout. This area known for blockages . Needs CIPP AH 12/14/23

Overall Condition:

**Comments:** Inspection of 8" VCP, with the flow, at MH #1639 west towards MH #1640

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00			MH	MANHOLE
0.00			SWF	START WITH THE FLOW
2.00	8	10	B	BROKEN PIPE
12.10	8	4	RFJ	ROOTS FINE AT JOINT
16.90	8	4	RFJ	ROOTS FINE AT JOINT
22.20	8	11	RMJ	ROOT MASS AT JOINT
27.00	9	3	RFJ	ROOTS FINE AT JOINT
37.50	8	4	RFJ	ROOTS FINE AT JOINT
42.20	8	10	RMJ	ROOT MASS AT JOINT
44.20	4	8	CLJ	CRACK LONGITUDINAL AT JOINT
44.20	8		RF	ROOTS FINE
47.30	8	4	RFJ	ROOTS FINE AT JOINT
57.60	8		RFJ	ROOTS FINE AT JOINT
62.70	8	4	RFJ	ROOTS FINE AT JOINT
73.00	12	12	BJ	BROKEN PIPE AT JOINT
73.00	12	12	RMJ	ROOT MASS AT JOINT
77.70	8	4	RFJ	ROOTS FINE AT JOINT
78.50	9		CN	CONNECTION
78.50	9		RMJ	ROOT MASS AT JOINT
80.20	8	4	RMJ	ROOT MASS AT JOINT
85.60	7	9	RFJ	ROOTS FINE AT JOINT
120.70	12	12	BJ	BROKEN PIPE AT JOINT
130.60	2	5	BJ	BROKEN PIPE AT JOINT
131.70	3		CN	CONNECTION
132.90	8	4	RFJ	ROOTS FINE AT JOINT
137.80	7	9	RFJ	ROOTS FINE AT JOINT
148.20	3	5	RFJ	ROOTS FINE AT JOINT
153.20			MH	MANHOLE
153.30			SI	STOP INSPECTION

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 10/4/2022	1:32 PM	Project Number: 09-002747	Weather: Sunny
Investigator: Trey Pate		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index:

US Structure: 5779	Upstream Address 619 HOCKER ST	Depth: 6.00	19,505
DS Structure: 3420	Downstream Address 609 HOCKER ST	Depth: 6.17	

TV Direction: Downstream to Upstream	Length (ft): 107.50	107.50 Last Obs (ft)	Slope %: 0.40%
Pipe Shape: Round	Pipe Size: 8	Material: VCP	Surface: Asphalt

Short Comment: Added HIF to this pipe b/c it is only 107' long and it needs 7-8 Pipe Patches. More cost effective to CIPP.  
-AH 3/08/24

Overall Condition:

**Comments:** General inspection of VCP 8" sewer main from MH #3420 @ 609 Hocker St. heading South to EOL #5779 @ 619 Hocker St.

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>	<u>Comments</u>
0.00		MH	MANHOLE
0.00		SAF	START AGAINST THE FLOW
18.90	9	CM	CRACKS MULTIPLE
22.70		LL	LINE DEVIATES LEFT
25.40	9	SLI	START A LATERAL INSPECTION
27.50	12	CL	CRACK LONGITUDINAL
28.60		LR	LINE DEVIATES RIGHT
33.90	12	CL	CRACK LONGITUDINAL
38.00	6	12 BJ	BROKEN PIPE AT JOINT
40.40	12	12 CMJ	CRACKS MULTIPLE AT JOINT
47.00	1	2 BJ	BROKEN PIPE AT JOINT
49.70	12	CLJ	CRACK LONGITUDINAL AT JOINT
58.60	11	CL	CRACK LONGITUDINAL
61.80	11	CL	CRACK LONGITUDINAL
62.60	5	B	BROKEN PIPE
64.70	12	12 BJ	BROKEN PIPE AT JOINT
68.30	12	12 CM	CRACKS MULTIPLE
74.00	9	SLI	START A LATERAL INSPECTION
107.30	9	SLI	START A LATERAL INSPECTION
107.50		FH	FINISH OF SURVEY
107.50		SI	STOP INSPECTION

EOL #5779 @ 619 Hocker St.

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 10/4/2022	1:39 PM	Project Number: 09-002747	Weather: Sunny
Investigator: Trey Pate		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index:

US Structure: 3420	Upstream Address 609 HOCKER ST	Depth: 6.17	19,481
DS Structure: 3419	Downstream Address 2400 CRAVENS AV	Depth: 8.33	

TV Direction: Upstream to Downstream	Length (ft): 97.50	97.50 Last Obs (ft)	Slope %: 1.97%
Pipe Shape: Round	Pipe Size: 8	Material: VCP	Surface: Asphalt

Short Comment:

Overall Condition:

**Comments:** General inspection of 8" VCP sewer main from MH #3420 @ 609 Hocker St. heading North to MH #3419 @ Cravens Ave./ Hocker St.

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>	<u>Comments</u>
0.00		SWF	START WITH THE FLOW
0.00		MH	MANHOLE
			MH #3420 heading North
10.60	9	3 CCJ	CRACK CIRCUMFERENTIAL AT JOINT
16.80	1	5 CMJ	CRACKS MULTIPLE AT JOINT
18.70		LL	LINE DEVIATES LEFT
22.90	9	3 CCJ	CRACK CIRCUMFERENTIAL AT JOINT
25.80	12	CLJ	CRACK LONGITUDINAL AT JOINT
32.00	9	CLJ	CRACK LONGITUDINAL AT JOINT
35.00	9	CMJ	CRACKS MULTIPLE AT JOINT
38.20	9	3 CMJ	CRACKS MULTIPLE AT JOINT
38.90		LL	LINE DEVIATES LEFT
42.00	3	PT	PLUGGED TEE
44.10	12	CLJ	CRACK LONGITUDINAL AT JOINT
45.20	9	PT	PLUGGED TEE
53.60	9	CLJ	CRACK LONGITUDINAL AT JOINT
71.10	4	RFJ	ROOTS FINE AT JOINT
71.70	1	CL	CRACK LONGITUDINAL
86.70	8	4 RFJ	ROOTS FINE AT JOINT
90.00		LD	LINE DEVIATES DOWN
97.50		MH	MANHOLE
97.50		SI	STOP INSPECTION
			MH #3419 @ Cravens Ave./ Hocker st.

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 5/31/2024 7:56 AM Project Number: 09-002063 Weather: Cloudy  
 Investigator: Adam Mischel Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index:

US Structure: 4155 Upstream Address 1221 MORELAND AV Depth: 5.66 21,586  
 DS Structure: 4153 Downstream Address 1301 MORELAND AV Depth: 5.83

TV Direction: Upstream to Downstream Length (ft): 211.00 207.20 Last Obs (ft) Slope %: 0.97%  
 Pipe Shape: Round Pipe Size: 8 Material: VCP Surface: Concrete

Short Comment: SL-RAT inspection - clean only if needed with low pressure. This Pipe Needs 8 P-2 Pipe Patches.  
 Added HIF after speaking to Mark. - AH 6/7/23

Overall Condition:

**Comments:** Inspection of 8" VCP, with the flow, at MH #4155 south towards MH #4153

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00			CN CONNECTION	E in MH #4155
0.00			MH MANHOLE	MH #4155
0.00			SWF START WITH THE FLOW	
11.20	1		CLJ CRACK LONGITUDINAL AT JOINT	
18.80	8	4	BJ BROKEN PIPE AT JOINT	Pipe patch
21.40	10	2	BJ BROKEN PIPE AT JOINT	Pipe patch
23.90	12		CLJ CRACK LONGITUDINAL AT JOINT	
26.20	2		CM CRACKS MULTIPLE	
31.40	6	3	BJ BROKEN PIPE AT JOINT	Pipe patch
33.80	8	4	BJ BROKEN PIPE AT JOINT	Pipe patch
36.40	10	2	CMJ CRACKS MULTIPLE AT JOINT	
39.80	9		PT PLUGGED TEE	
46.50	10	2	CCJ CRACK CIRCUMFERENTIAL AT JOINT	
49.20	7	5	BJ BROKEN PIPE AT JOINT	Pipe patch
51.70	3		BJ BROKEN PIPE AT JOINT	Pipe patch
54.10	10	2	CLJ CRACK LONGITUDINAL AT JOINT	
56.60	10	2	CLJ CRACK LONGITUDINAL AT JOINT	
67.30	9		SLI START A LATERAL INSPECTION	
67.30	12	12	RS REPAIRED SECTION	PVC
68.30	4	8	CLJ CRACK LONGITUDINAL AT JOINT	
71.60	9	3	CMJ CRACKS MULTIPLE AT JOINT	
74.30	10	4	CMJ CRACKS MULTIPLE AT JOINT	
76.90	12	12	BJ BROKEN PIPE AT JOINT	Pipe patch
79.10	1	4	CMJ CRACKS MULTIPLE AT JOINT	
84.10	2		CLJ CRACK LONGITUDINAL AT JOINT	
89.40	9	11	CLJ CRACK LONGITUDINAL AT JOINT	
90.40	9		SLI START A LATERAL INSPECTION	Hammer tap
94.10	9	3	CMJ CRACKS MULTIPLE AT JOINT	
97.00	4	8	BJ BROKEN PIPE AT JOINT	Pipe patch
99.20	8	4	CMJ CRACKS MULTIPLE AT JOINT	
101.90	9	3	CMJ CRACKS MULTIPLE AT JOINT	
104.30	8	4	CMJ CRACKS MULTIPLE AT JOINT	

## Regional Water Resource Agency Detailed Pipe Segment Report

109.40	10	3	CLJ	CRACK LONGITUDINAL AT JOINT	
114.60	3		CLJ	CRACK LONGITUDINAL AT JOINT	
117.10	3	9	BJ	BROKEN PIPE AT JOINT	Pipe patch
122.00	11		CLJ	CRACK LONGITUDINAL AT JOINT	
124.70	2		CLJ	CRACK LONGITUDINAL AT JOINT	
129.50	2		CLJ	CRACK LONGITUDINAL AT JOINT	
132.30	4	8	BJ	BROKEN PIPE AT JOINT	Pipe patch
134.70	10	3	CLJ	CRACK LONGITUDINAL AT JOINT	
137.20	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
138.20	9		SLI	START A LATERAL INSPECTION	
139.90	11	3	CMJ	CRACKS MULTIPLE AT JOINT	
142.20	9	3	CMJ	CRACKS MULTIPLE AT JOINT	
145.00	4	8	CLJ	CRACK LONGITUDINAL AT JOINT	
147.30	10	2	CMJ	CRACKS MULTIPLE AT JOINT	
152.30	10	3	CLJ	CRACK LONGITUDINAL AT JOINT	
154.60	2		CLJ	CRACK LONGITUDINAL AT JOINT	
157.60	3		CLJ	CRACK LONGITUDINAL AT JOINT	
159.80	11	3	CLJ	CRACK LONGITUDINAL AT JOINT	
162.20	2	5	CLJ	CRACK LONGITUDINAL AT JOINT	
164.80	10	4	CLJ	CRACK LONGITUDINAL AT JOINT	
167.50	8		CLJ	CRACK LONGITUDINAL AT JOINT	
170.10	8		CLJ	CRACK LONGITUDINAL AT JOINT	
172.40	2		CLJ	CRACK LONGITUDINAL AT JOINT	
187.70	12		CLJ	CRACK LONGITUDINAL AT JOINT	
199.50			WL	WATER LEVEL	
205.10	12	12	BJ	BROKEN PIPE AT JOINT	
206.20	4	8	JDL	JOINT DISPLACED LARGE	
207.20			SI	STOP INSPECTION	
207.20			MH	MANHOLE	MH #4153

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 7/8/2024 10:48 AM Project Number: Weather: Sunny  
 Investigator: Trey Pate Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index: HC22-54

US Structure: 8367 Upstream Address 4204 MORGAN CT Depth: 2.58 21,848  
 DS Structure: 8362 Downstream Address 4204 OLD HARTFORD RD Depth: 3.51

TV Direction: Upstream to Downstream Length (ft): 245.50 243.00 Last Obs (ft) Slope %: 1.01%  
 Pipe Shape: Round Pipe Size: 8 Material: VCP Surface: Dirt/Grass

Short Comment: Added HIF to this main b/c this area is prone to blockages. Major roots throughout. - AH 2/28/24

Overall Condition:

**Comments:** General inspection of 8" VCP sewer main from MH #8367 behind 4215 Morgan Ct. heading North downstream to MH #8362 in ditch at 4204 Old Hartford Rd./ NOTE: This is not a detailed inspection. This manhole was filmed through on this inspection.

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00			MH	MANHOLE
0.00			SWF	START WITH THE FLOW
55.80	3	5	RFJ	ROOTS FINE AT JOINT
94.00	3	4	RFJ	ROOTS FINE AT JOINT
97.60	3		CN	CONNECTION
124.10	8	12	RFJ	ROOTS FINE AT JOINT
206.20	8	4	RFJ	ROOTS FINE AT JOINT
216.60			RS	REPAIRED SECTION
243.00			SI	STOP INSPECTION
243.00			MH	MANHOLE
				MH #8263 in ditch at 4204 Old Hartford Rd.

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 6/20/2011

Project Number: 07-002644

Weather: Sunny

Investigator: Adam Higdon

Tape ID Number:

Maint. Prior: 0

Purpose: TV Existing Line

Street:

Index: HC22-56

US Structure: 8368 Upstream Address 4236 OLD HARTFORD RD Depth: 5.32 6,839

DS Structure: 8367 Downstream Address 4204 MORGAN CT Depth: 2.58

TV Direction: Upstream to Downstream Length (ft): 306.60 307.70 Last Obs (ft) Slope %: 3.29%

Pipe Shape: Round Pipe Size: 8 Material: VCP Surface:

Short Comment:

Overall Condition: N/A

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00			MH	MANHOLE
				M/H # 8368 at Rear of 4235 Morgan Ct.
0.00			CN	CONNECTION
				In M/H from South
0.00			CN	CONNECTION
				In M/H from NE
0.00			SWF	START WITH THE FLOW
26.90	9		SLI	START A LATERAL INSPECTION
49.40	3		PT	PLUGGED TEE
61.60	3		SLI	START A LATERAL INSPECTION
100.40	9		SLI	START A LATERAL INSPECTION
116.60	12	11	ISJ	INFILTRATION SEEPER AT JOINT
124.90	12	11	ISJ	INFILTRATION SEEPER AT JOINT
130.60	3		SLI	START A LATERAL INSPECTION
154.80	12	11	ISJ	INFILTRATION SEEPER AT JOINT
164.40	12	11	ISJ	INFILTRATION SEEPER AT JOINT
192.90	9		PT	PLUGGED TEE
205.10	3		PT	PLUGGED TEE
232.00	3		SLI	START A LATERAL INSPECTION
262.00	9		SLI	START A LATERAL INSPECTION
274.00	12	11	RS	REPAIRED SECTION
				Repaired via Pipe Patch on 8/29/22.
278.90	3		PT	PLUGGED TEE
				Plugged T (Bricked)
279.60	4		RFJ	ROOTS FINE AT JOINT
285.50	8		RFJ	ROOTS FINE AT JOINT
300.80	5		RFJ	ROOTS FINE AT JOINT
306.80	9		RFJ	ROOTS FINE AT JOINT
307.70			SI	STOP INSPECTION
307.70			MH	MANHOLE
				M/H # 8367 at Rear of 4215 Morgan Ct.

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 7/8/2024 9:49 AM Project Number: Weather: Sunny  
 Investigator: Trey Pate Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index: HC22-54

US Structure: 8369 Upstream Address 4206 MORGAN CT Depth: 6.43 21,840  
 DS Structure: 8367 Downstream Address 4204 MORGAN CT Depth: 2.58

TV Direction: Upstream to Downstream Length (ft): 244.70 243.50 Last Obs (ft) Slope %: 0.74%  
 Pipe Shape: Round Pipe Size: 8 Material: VCP Surface: Dirt/Grass

Short Comment: Added HIF to this main b/c this area is prone to blockages. Pipe # 4158, 4157 and 4154 all have major root intrusion. -AH 2/28/24

Overall Condition:

**Comments:** General inspection of 8" VCP sewer main from MH #8369 behind 4206 Morgan Ct. heading North downstream to MH #8367 behind 4205 Morgan Ct./ NOTE: This is not a detailed inspection.

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00			MH MANHOLE	MH #8369 heading downstream
0.00			CN CONNECTION	NE in MH #8369
0.00			SWF START WITH THE FLOW	
90.60	3		CN CONNECTION	
239.40			RS REPAIRED SECTION	
243.50			SI STOP INSPECTION	
243.50			MH MANHOLE	MH #8367 behind 4205 Morgan Ct.

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 7/8/2024 8:38 AM Project Number: 08-002338 Weather: Cloudy  
 Investigator: Trey Pate Tape ID Number: Maint. Prior:  
 Purpose: TV Existing Line Street: Index: HC22-54

US Structure: 8370 Upstream Address 4215 PENDLEY CT Depth: 4.78  
 DS Structure: 8369 Downstream Address 4206 MORGAN CT Depth: 6.43

TV Direction: Upstream to Downstream Length (ft): 175.40 174.60 Last Obs (ft) Slope %: 0.51%  
 Pipe Shape: Round Pipe Size: 8 Material: VCP Surface: Dirt/Grass

Short Comment: Added HIF to this main b/c this area is prone to blockages. Major roots throughout. -AH 2/28/24

Overall Condition:

**Comments:** General inspection of 8" VCP sewer main from MH #8370 behind 4214 Morgan Ct. heading North downstream to MH #8369 behind 4206 Morgan Ct./ NOTE: This is not a detailed inspection.

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
174.50			CN CONNECTION	NE in MH #8369
77.30	2		RFJ ROOTS FINE AT JOINT	
174.60			MH MANHOLE	MH #8369 behind 4206 Morgan Ct.
86.60	4		RFJ ROOTS FINE AT JOINT	
50.10	12	4	RFJ ROOTS FINE AT JOINT	
0.00			SWF START WITH THE FLOW	
21.80	9	3	RFJ ROOTS FINE AT JOINT	
0.00			MH MANHOLE	MH #8370 heading downstream
169.60			RS REPAIRED SECTION	CIPP pipe patch
60.80	5	7	RFJ ROOTS FINE AT JOINT	
88.70	3		CN CONNECTION	
124.30	3		WL WATER LEVEL	Belly
13.90	9		RFJ ROOTS FINE AT JOINT	
142.10			WL WATER LEVEL	Belly
174.60			SI STOP INSPECTION	

# Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 7/8/2024	8:03 AM	Project Number:	Weather: Cloudy
Investigator: Trey Pate		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index: HC22-57

US Structure: 8371	Upstream Address 4234	MORGAN CT	Depth: 5.54	21,850
DS Structure: 8370	Downstream Address 4215	PENDLEY CT	Depth: 4.78	

TV Direction: Downstream to Upstream	Length (ft): 314.00	312.00 Last Obs (ft)	Slope %: 2.98%
Pipe Shape: Round	Pipe Size: 8	Material: VCP	Surface: Dirt/Grass

Short Comment: SL-RAT inspection - clean only if needed with low pressure. 4214 Morgan Ct. Added HIF to this main b/c this area is prone to blockages. Major roots throughout. -AH 2/28/24

Overall Condition:

**Comments:** General inspection of 8" VCP sewer main from MH #8370 behind 4214 Morgan Ct. heading East upstream to MH #8371 behind 4234 Morgan Ct. /NOTE: This is not a detailed inspection.

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>	<u>Comments</u>
0.00	SAF		START AGAINST THE FLOW
0.00	MH		MANHOLE
			MH #8370 heading upstream
3.00	7	10	RFJ ROOTS FINE AT JOINT
3.00	3		ISJ INFILTRATION SEEPER AT JOINT
14.60	8	4	RFJ ROOTS FINE AT JOINT
17.00	8	4	RFJ ROOTS FINE AT JOINT
73.20	9		RF ROOTS FINE
73.20	9		CN CONNECTION
			Around connection
83.60	3		CN CONNECTION
111.40	3		PT PLUGGED TEE
112.30	9		PT PLUGGED TEE
197.90	3		CN CONNECTION
200.00	3		PT PLUGGED TEE
202.00	9		PT PLUGGED TEE
203.30			RS REPAIRED SECTION
			CIPP pipe patch
210.50	9		CN CONNECTION
229.50	5		RFJ ROOTS FINE AT JOINT
236.00	8	4	RFJ ROOTS FINE AT JOINT
237.80	4		RFJ ROOTS FINE AT JOINT
245.40	3	5	RFJ ROOTS FINE AT JOINT
277.00	3		CN CONNECTION
280.00	9		CN CONNECTION
312.00			SI STOP INSPECTION
312.00			CN CONNECTION
			NE in MH #8371
312.00			CN CONNECTION
			SE in MH #8371
312.00			MH MANHOLE
			MH #8371 behind 4234 Morgan Ct.

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 12/14/2016	11:30 AM	Project Number: 09-002659	Weather: Cold
Investigator: Daniel Howe		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index: HC22-55

US Structure: 8372	Upstream Address 4214 PENDLEY CT	Depth: 3.86	12,276
DS Structure: 8370	Downstream Address 4215 PENDLEY CT	Depth: 4.78	

TV Direction: Upstream to Downstream	Length (ft): 389.00	390.00 Last Obs (ft)	Slope %: 2.64%
Pipe Shape: Round	Pipe Size: 8	Material: VCP	Surface: Landscaping, tree, fences

Short Comment:

Overall Condition:

**Comments:** We are filming 8" VCP main from M/H #8372 @ the rear of 4214 Pendley Ct. to M/H #8370 @ the rear of 4214 Morgan Ct.

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00		GO	GENERAL OBSERVATION	M/H holds water
0.00		MH	MANHOLE	M/H #8372 @ the rear of 4214 Pendley Ct. - Need to seal roots - P1
0.00		SWF	START WITH THE FLOW	
0.00		CN	CONNECTION	In M/H from 4205 Southeastern Parkway
<hr/>				
35.00	7	5 RFJ	ROOTS FINE AT JOINT	
<hr/>				
43.00	7	5 RFJ	ROOTS FINE AT JOINT	
<hr/>				
47.50	7	5 RFJ	ROOTS FINE AT JOINT	
<hr/>				
67.60	3	5 RFJ	ROOTS FINE AT JOINT	
<hr/>				
71.40	1	5 RMJ	ROOT MASS AT JOINT	
<hr/>				
79.40	7	5 RMJ	ROOT MASS AT JOINT	
<hr/>				
85.60	7	5 RMJ	ROOT MASS AT JOINT	
<hr/>				
91.80	7	5 RFJ	ROOTS FINE AT JOINT	
<hr/>				
99.60	7	5 RFJ	ROOTS FINE AT JOINT	
<hr/>				
101.40	3	CN	CONNECTION	Full of roots - can't launch
<hr/>				
103.80		CWF	CONTINUE WITH THE FLOW	
103.80		DES	DEBRIS SILT	
<hr/>				
120.60	7	5 RFJ	ROOTS FINE AT JOINT	
120.60	8	5 ISJ	INFILTRATION SEEPER AT JOINT	
<hr/>				
128.70	7	5 RFJ	ROOTS FINE AT JOINT	
<hr/>				
137.90	8	5 IDJ	INFILTRATION DRIPPER AT JOINT	
<hr/>				
233.70	7	5 ISJ	INFILTRATION SEEPER AT JOINT	
233.70	7	5 RFJ	ROOTS FINE AT JOINT	
<hr/>				
244.30	7	5 ISJ	INFILTRATION SEEPER AT JOINT	
<hr/>				
294.80	3	CN	CONNECTION	Full of roots - can't launch
<hr/>				
337.10	1	12 BJ	BROKEN PIPE AT JOINT	P2 - Pipe Patch
<hr/>				
361.00	1	12 BJ	BROKEN PIPE AT JOINT	P2 - Pipe Patch
<hr/>				
390.00		MH	MANHOLE	M/H #8370 @ the rear of 4214 Morgan Ct. - Needs shelf sealed - P1
390.00		SI	STOP INSPECTION	
390.00		CN	CONNECTION	In M/H from Daviess County Tech School - possibly a private main

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 12/14/2016	8:48 AM	Project Number:	Weather: Cold
Investigator: Daniel Howe		Tape ID Number:	Maint. Prior:
Purpose: TV Existing Line		Street:	Index: HC22-58

US Structure: 8373	Upstream Address 4220 PENDLEY CT	Depth: 6.35	12,275
DS Structure: 8372	Downstream Address 4214 PENDLEY CT	Depth: 3.86	

TV Direction: Upstream to Downstream	Length (ft): 247.00	246.50 Last Obs (ft)	Slope %: 1.92%
Pipe Shape: Round	Pipe Size: 8	Material: VCP	Surface: Landscaping, tree, fences

Short Comment:

Overall Condition:

**Comments:** We are filming 8" VCP main from M/H #8373 @ the rear of 4220 Pendley Ct. to M/H #8372 @ the rear of 4214 Pendley Ct.

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>	<u>Comments</u>
0.00	MH	MANHOLE	M/H #8373 @ the rear of 4220 Pendley Ct.
0.00	CN	CONNECTION	In M/H from 4226 Pendley Ct.
0.00	CN	CONNECTION	In M/H from 4235 Southeastern Parkway
0.00	CN	CONNECTION	In M/H from 4234 Pendley Ct.
0.00	SWF	START WITH THE FLOW	
22.10	7	RMJ	ROOT MASS AT JOINT
30.20		LD	LINE DEVIATES DOWN
33.60		WL	WATER LEVEL Belly
35.20	9	PT	PLUGGED TEE
36.60		RS	REPAIRED SECTION Repaired via CIPP Pipe Patch.
51.90		WL	WATER LEVEL Belly
54.00	9	SLI	START A LATERAL INSPECTION
57.30	3	9 JDS	JOINT DISPLACED SLIGHT
58.20	3	SLI	START A LATERAL INSPECTION
87.50	7	8 RFJ	ROOTS FINE AT JOINT
91.50	7	5 RFJ	ROOTS FINE AT JOINT
103.90	7	5 RFJ	ROOTS FINE AT JOINT
108.40	8	5 RFJ	ROOTS FINE AT JOINT
112.20	7	5 RFJ	ROOTS FINE AT JOINT
116.70	7	5 RFJ	ROOTS FINE AT JOINT
120.40	7	5 RFJ	ROOTS FINE AT JOINT
127.40		MC	MATERIAL CHANGES VCP to PVC
128.70	12	SLI	START A LATERAL INSPECTION From the North
129.90		MC	MATERIAL CHANGES PVC to VCP
131.70	9	SLI	START A LATERAL INSPECTION
132.30	7	5 RFJ	ROOTS FINE AT JOINT
140.60	3	9 RMJ	ROOT MASS AT JOINT
179.40	4	8 RFJ	ROOTS FINE AT JOINT
210.40	7	5 RFJ	ROOTS FINE AT JOINT
214.80	7	5 RFJ	ROOTS FINE AT JOINT
227.20	2	5 RMJ	ROOT MASS AT JOINT
231.60	2	5 RMJ	ROOT MASS AT JOINT
234.60	7	5 RFJ	ROOTS FINE AT JOINT

## **Regional Water Resource Agency Detailed Pipe Segment Report**

237.40	7	5	RFJ	ROOTS FINE AT JOINT	
245.00			GO	GENERAL OBSERVATION	Belly at M/H
246.50			CN	CONNECTION	In M/H from 4205 Southeastern Parkway
246.50			MH	MANHOLE	M/H #8372 @ the rear of 4214 Pendley Ct. - Need to seal roots - P1
246.50			SI	STOP INSPECTION	

## Regional Water Resource Agency Detailed Pipe Segment Report

Date Televised: 4/12/2024	2:02 PM	Project Number:	Weather: Sunny
Investigator: Adam Mischel		Tape ID Number:	Maint. Prior:
Purpose:		Street:	Index:

US Structure: 10180	Upstream Address	Depth:	21,420
DS Structure: 10179	Downstream Address	Depth:	

TV Direction: Upstream to Downstream	Length (ft): 263.00	263.60 Last Obs (ft)	Slope %: 0.39%
Pipe Shape: Round	Pipe Size: 8	Material: VCP	Surface: Asphalt

Short Comment:

Overall Condition:

**Comments:** Inspection of 8" VCP, with the flow, at MH #10180 west towards MH #10179

**Observations:**

<u>Distance</u>	<u>Start</u>	<u>End</u>		<u>Comments</u>
0.00		MH	MANHOLE	MH #10180
0.00		SWF	START WITH THE FLOW	
0.00		CN	CONNECTION	N in MH #10180
0.00		CN	CONNECTION	E in MH #10180
38.30	9	SLI	START A LATERAL INSPECTION	
49.50		WL	WATER LEVEL	
59.70	4	8 CMJ	CRACKS MULTIPLE AT JOINT	
75.70		WL	WATER LEVEL	
86.10	3	SLI	START A LATERAL INSPECTION	
112.60	6	9 BJ	BROKEN PIPE AT JOINT	Pipe patch
143.10	10	ISJ	INFILTRATION SEEPER AT JOINT	
148.20	10	ISJ	INFILTRATION SEEPER AT JOINT	
190.10	3	SLI	START A LATERAL INSPECTION	
190.20	12	12 RS	REPAIRED SECTION	PVC
216.50	2	4 BJ	BROKEN PIPE AT JOINT	Pipe patch
263.40		MH	MANHOLE	MH #10179
263.60		SI	STOP INSPECTION	