



AAA Advanced Plumbing and Drain
7277 Bessemer Avenue • Cleveland, Ohio 44127
440-331-5555 voice • 216-341-6681 fax
www.advancedplumber.com

Surveyors name M.Crawford	Certificate Number U735286	System Owner FAIRPORT HARBOR	Survey Customer CT CONSULTANTS	Drainage Area	Sheet 1				
P/O No. 103168	Pipeline Segment Reference	Date 8/11/2026	Time 1:59 AM	Location (Street Name and number) NEW FOURTH	Locality FAIRPORT HARBOR				
Further Location details		Upstream Manhole Number NEW FOURTH 1 STM		Rim to Invert	Grade to Invert	Rim to Grade			
Downstream Manhole Number 401 NEW FOURTH STM		Rim to Invert	Grade to Invert	Rim to Grade	Use of Sewer Stormwater	Direction Upstream	Flow Control N	Height 10	
Width 1	Shape Circular	Material PE	Ln. Method	Pipe Joint Length	Total Length 88	Length Surveyed 88	Year Laid	Year Rehabilitated	Tape / Media Number
Purpose F	Sewer Category A	Pre-Cleaning No Pre-Cleaning	Date Cleaned	Weather Dry	Additional Information 10"				

Distance (Feet)	Code		Continuous defect	Value			Joint	Circumferential Location		Image Ref.	Struct. Grade	O&M Grade	Remarks						
	Group/ Descriptor	Modifier/ severity		S/M/L	Inches			At / From	To										
					1st	2nd													
0.0	AMH									NEW FOURTH 1 STM_401 NEW FOURTH STM-AMH@0			Starting Manhole: 401 NEW FOURTH STM						
0.0	MWL				5					NEW FOURTH 1 STM_401 NEW FOURTH STM-MWL@0									
1.0	DS	GV	S01		30	J	3	9		NEW FOURTH 1 STM_401 NEW FOURTH STM- DSGV@1									



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P/O No. 103168	Pipeline Segment Reference	Date 8/11/2026	Time 1:59 AM	Location (Street Name and number) NEW FOURTH	Locality FAIRPORT HARBOR				
Further Location details		Upstream Manhole Number NEW FOURTH 1 STM		Rim to Invert	Grade to Invert	Rim to Grade			
Downstream Manhole Number 401 NEW FOURTH STM		Rim to Invert	Grade to Invert	Rim to Grade	Use of Sewer Stormwater	Direction Upstream	Flow Control N	Height 10	
Width 1	Shape Circular	Material PE	Ln. Method	Pipe Joint Length	Total Length 88	Length Surveyed 88	Year Laid	Year Rehabilitated	Tape / Media Number
Purpose F	Sewer Category A	Pre-Cleaning No Pre-Cleaning	Date Cleaned	Weather Dry	Additional Information 10"				

Distance (Feet)	Code		Continuous defect	Value			Joint	Circumferential Location		Image Ref.	Struct. Grade	O&M Grade	Remarks						
	Group/ Descriptor	Modifier/ severity		S/M/L	Inches			At / From	To										
					1st	2nd													
8.1	JO	L								NEW FOURTH 1 STM_401	2								
8.1	MMC									NEW FOURTH STM- JOL@8.1		VCP							
11.6	RF	S02			J	12	12			NEW FOURTH 1 STM_401									
										NEW FOURTH STM- MMC@8.1									
										NEW FOURTH 1 STM_401									
										NEW FOURTH STM- RFJ@11.6									



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P/O No. 103168	Pipeline Segment Reference	Date 8/11/2026	Time 1:59 AM	Location (Street Name and number) NEW FOURTH	Locality FAIRPORT HARBOR				
Further Location details		Upstream Manhole Number NEW FOURTH 1 STM		Rim to Invert	Grade to Invert	Rim to Grade			
Downstream Manhole Number 401 NEW FOURTH STM		Rim to Invert	Grade to Invert	Rim to Grade	Use of Sewer Stormwater	Direction Upstream	Flow Control N	Height 10	
Width 1	Shape Circular	Material PE	Ln. Method	Pipe Joint Length	Total Length 88	Length Surveyed 88	Year Laid	Year Rehabilitated	Tape / Media Number
Purpose F	Sewer Category A	Pre-Cleaning No Pre-Cleaning	Date Cleaned	Weather Dry	Additional Information 10"				

Distance (Feet)	Code		Continuous defect	Value		Joint	Circumferential Location		Image Ref.	Struct. Grade	O&M Grade	Remarks					
	Group/ Descriptor	Modifier/ severity		S/M/L	Inches		% At / From	To									
					1st	2nd											
12.0	CM	S03		J	12	12			NEW FOURTH 1 STM_401 NEW FOURTH STM-CM@12								
15.0	RF	F02		J	12	12			NEW FOURTH 1 STM_401 NEW FOURTH STM-RFJ@15	1x1							
34.5	FM			J	12	4			NEW FOURTH 1 STM_401 NEW FOURTH STM- FM@34.5		4						



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Surveyors name M.Crawford	Certificate Number U735286	System Owner FAIRPORT HARBOR	Survey Customer CT CONSULTANTS	Drainage Area	Sheet 4				
P/O No. 103168	Pipeline Segment Reference	Date 8/11/2026	Time 1:59 AM	Location (Street Name and number) NEW FOURTH	Locality FAIRPORT HARBOR				
Further Location details		Upstream Manhole Number NEW FOURTH 1 STM		Rim to Invert	Grade to Invert	Rim to Grade			
Downstream Manhole Number 401 NEW FOURTH STM		Rim to Invert	Grade to Invert	Rim to Grade	Use of Sewer Stormwater	Direction Upstream	Flow Control N	Height 10	
Width 1	Shape Circular	Material PE	Ln. Method	Pipe Joint Length	Total Length 88	Length Surveyed 88	Year Laid	Year Rehabilitated	Tape / Media Number
Purpose F	Sewer Category A	Pre-Cleaning No Pre-Cleaning	Date Cleaned	Weather Dry	Additional Information 10"				

Distance (Feet)	Code		Continuous defect	Value			Joint	Circumferential Location		Image Ref.	Struct. Grade	O&M Grade	Remarks						
	Group/ Descriptor	Modifier/ severity		S/M/L	Inches			At / From	To										
					1st	2nd													
36.1	FM			J	7	5		NEW FOURTH 1 STM_401		4									
38.9	FM			J	7	5		NEW FOURTH STM- FM@36.1											
49.6	FM			J	7	5		NEW FOURTH 1 STM_401		4									
								NEW FOURTH STM- FM@38.9											
								NEW FOURTH 1 STM_401											
								NEW FOURTH STM- FM@49.6											



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P/O No. 103168	Pipeline Segment Reference	Date 8/11/2026	Time 1:59 AM	Location (Street Name and number) NEW FOURTH	Locality FAIRPORT HARBOR				
Further Location details		Upstream Manhole Number NEW FOURTH 1 STM		Rim to Invert	Grade to Invert	Rim to Grade			
Downstream Manhole Number 401 NEW FOURTH STM		Rim to Invert	Grade to Invert	Rim to Grade	Use of Sewer Stormwater	Direction Upstream	Flow Control N	Height 10	
Width 1	Shape Circular	Material PE	Ln. Method	Pipe Joint Length	Total Length 88	Length Surveyed 88	Year Laid	Year Rehabilitated	Tape / Media Number
Purpose F	Sewer Category A	Pre-Cleaning No Pre-Cleaning	Date Cleaned	Weather Dry	Additional Information 10"				

Distance (Feet)	Code		Continuous defect	Value			Joint	Circumferential Location		Image Ref.	Struct. Grade	O&M Grade	Remarks						
	Group/ Descriptor	Modifier/ severity		S/M/L	Inches			At / From	To										
					1st	2nd													
53.3	FM				J	7	5			NEW FOURTH 1 STM_401	4								
58.1	FM				J	7	5			NEW FOURTH STM- FM@53.3	4								
70.5	FM	S04			J	7	5			NEW FOURTH 1 STM_401	4								



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Surveyors name M.Crawford	Certificate Number U735286	System Owner FAIRPORT HARBOR	Survey Customer CT CONSULTANTS	Drainage Area	Sheet 6				
P/O No. 103168	Pipeline Segment Reference	Date 8/11/2026	Time 1:59 AM	Location (Street Name and number) NEW FOURTH	Locality FAIRPORT HARBOR				
Further Location details		Upstream Manhole Number NEW FOURTH 1 STM		Rim to Invert	Grade to Invert	Rim to Grade			
Downstream Manhole Number 401 NEW FOURTH STM		Rim to Invert	Grade to Invert	Rim to Grade	Use of Sewer Stormwater	Direction Upstream	Flow Control N	Height 10	
Width 1	Shape Circular	Material PE	Ln. Method	Pipe Joint Length	Total Length 88	Length Surveyed 88	Year Laid	Year Rehabilitated	Tape / Media Number
Purpose F	Sewer Category A	Pre-Cleaning No Pre-Cleaning	Date Cleaned	Weather Dry	Additional Information 10"				

Distance (Feet)	Code		Continuous defect	Value			Joint	Circumferential Location		Image Ref.	Struct. Grade	O&M Grade	Remarks						
	Group/ Descriptor	Modifier/ severity		S/M/L	Inches			At / From	To										
					1st	2nd													
71.2	CM	F03					J	12	12	NEW FOURTH 1 STM_401 NEW FOURTH STM- CM@71.2 NEW	3x12								
88.0	DS	GV	F01		25		J	3	9	FOURTH 1 STM_401 NEW FOURTH STM- DSGV@88 NEW	4x17								
88.0	FM		F04				J	12	12	FOURTH 1 STM_401 NEW FOURTH STM-FM@88	4x4								



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Surveyors name M.Crawford	Certificate Number U735286	System Owner FAIRPORT HARBOR	Survey Customer CT CONSULTANTS	Drainage Area	Sheet 7				
P/O No. 103168	Pipeline Segment Reference	Date 8/11/2026	Time 1:59 AM	Location (Street Name and number) NEW FOURTH	Locality FAIRPORT HARBOR				
Further Location details		Upstream Manhole Number NEW FOURTH 1 STM		Rim to Invert	Grade to Invert	Rim to Grade			
Downstream Manhole Number 401 NEW FOURTH STM		Rim to Invert	Grade to Invert	Rim to Grade	Use of Sewer Stormwater	Direction Upstream	Flow Control N	Height 10	
Width 1	Shape Circular	Material PE	Ln. Method	Pipe Joint Length	Total Length 88	Length Surveyed 88	Year Laid	Year Rehabilitated	Tape / Media Number
Purpose F	Sewer Category A	Pre-Cleaning No Pre-Cleaning	Date Cleaned	Weather Dry	Additional Information 10"				

Distance (Feet)	Code		Continuous defect	Value			Joint	Circumferential Location		Image Ref.	Struct. Grade	O&M Grade	Remarks						
	Group/ Descriptor	Modifier/ severity		S/M/L	Inches			At / From	To										
					1st	2nd													
88.0	XP			75						NEW FOURTH 1 STM_401 NEW FOURTH STM-XP@88	5		UNABLE TO GET PASS COLLAPSE. ALL OTHEWR ACCESS POINTS COVERED BY CONSTRUCTION						
88.0	MSA									NEW FOURTH 1 STM_401 NEW FOURTH STM- MSA@88			UNABLE TO GET PASS COLLAPSE. ALL OTHEWR ACCESS POINTS COVERED BY CONSTRUCTION						

Segment	Structural							O & M							Overall									
	Grade 1 0	Grade 2 2	Grade 3 36	Grade 4 40	Grade 5 5	Rating 83	Quick 514A	Index 3.5	Grade 1 1	Grade 2 0	Grade 3 0	Grade 4 68	Grade 5 0	Rating 69	Quick 4B11	Index 3.8	Grade 1 1	Grade 2 2	Grade 3 36	Grade 4 108	Grade 5 5	Rating 152	Quick 514D	Index 3.6
NEW FOURTH 1 STM-401 NEW FOURTH STM-2026																								



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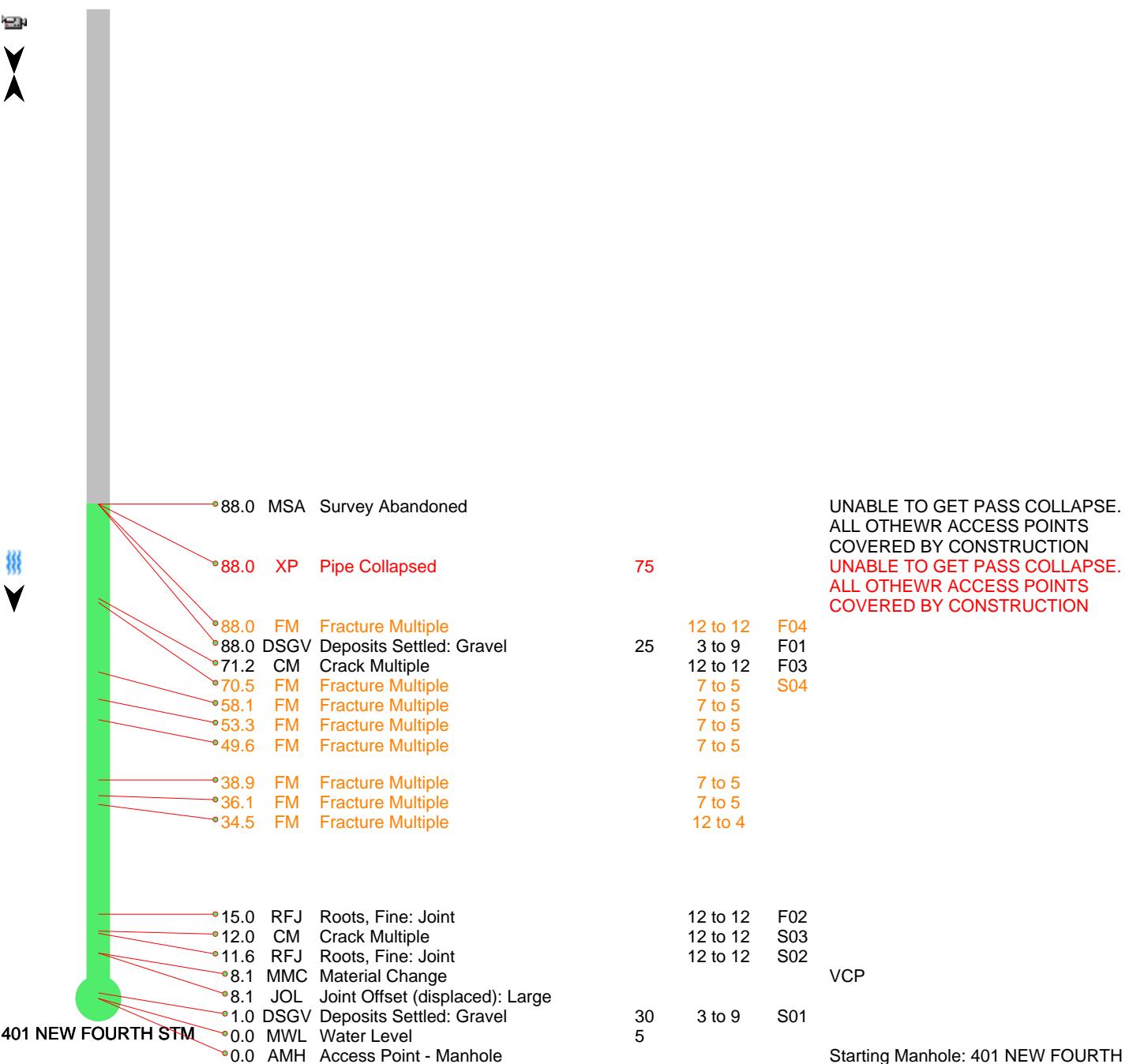
Upstream MH	Downstream MH	Size	Material	Total Length	City
NEW FOURTH 1 STM	401 NEW FOURTH STM	10	Polyethylene	88	FAIRPORT HARBOR

Surveyor's Name	Certificate Number	Street Address	Location Details
M.Crawford	U735286	NEW FOURTH	

Direction	Purpose	Weather	Date	Time	Length Surveyed
Upstream	Routine Assessment	Dry	8/11/2026	1:59 AM	88

Additional Information
10"

NEW FOURTH 1 STM	Ftg. Code Description	Pct.	Position	Cont.	Comment





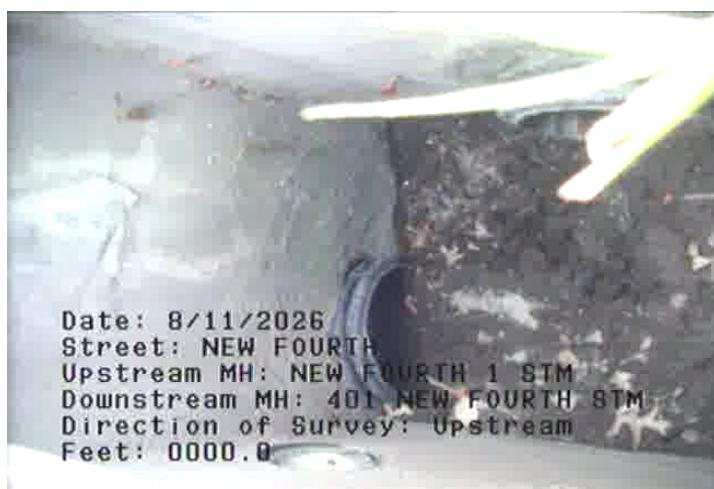
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Upstream MH	Downstream MH	Size	Material	Total Length	City
NEW FOURTH 1 STM	401 NEW FOURTH STM	10	Polyethylene	88	FAIRPORT HARBOR

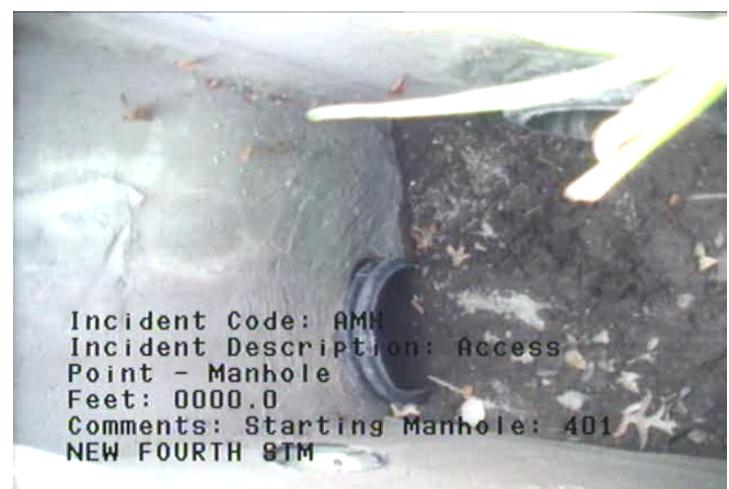
Surveyor's Name	Certificate Number	Street Address	Location Details
M.Crawford	U735286	NEW FOURTH	

Direction	Purpose	Weather	Date	Time	Length Surveyed
Upstream	Routine Assessment	Dry	8/11/2026	1:59 AM	88

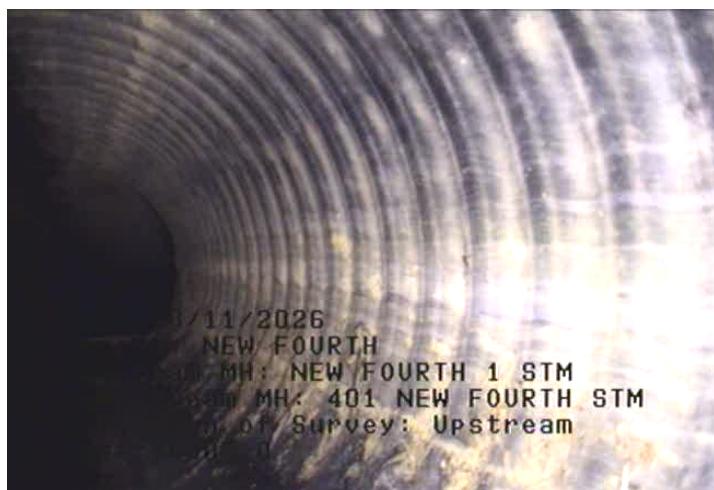
Additional Information
10"



AMH - Access Point - Manhole @ 0.0 ft.
Starting Manhole: 401 NEW FOURTH STM



MWL - Water Level @ 0.0 ft.



DSGV - Deposits Settled: Gravel @ 1.0 ft.



JOL - Joint Offset (displaced): Large @ 8.1 ft.



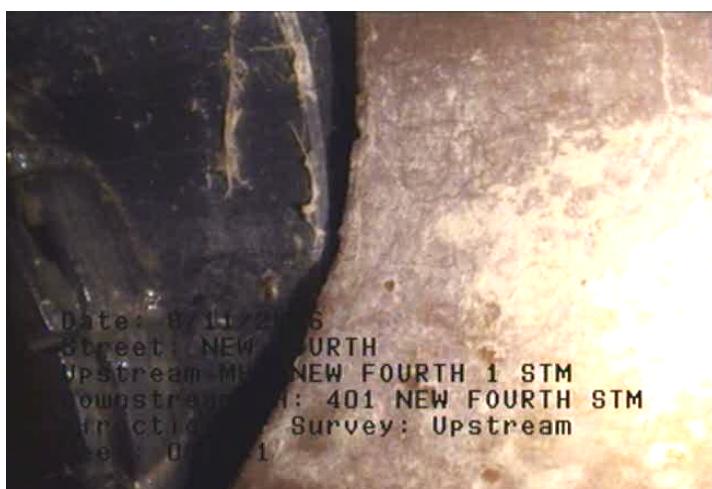
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Upstream MH	Downstream MH	Size	Material	Total Length	City
NEW FOURTH 1 STM	401 NEW FOURTH STM	10	Polyethylene	88	FAIRPORT HARBOR

Surveyor's Name	Certificate Number	Street Address	Location Details
M.Crawford	U735286	NEW FOURTH	

Direction	Purpose	Weather	Date	Time	Length Surveyed
Upstream	Routine Assessment	Dry	8/11/2026	1:59 AM	88

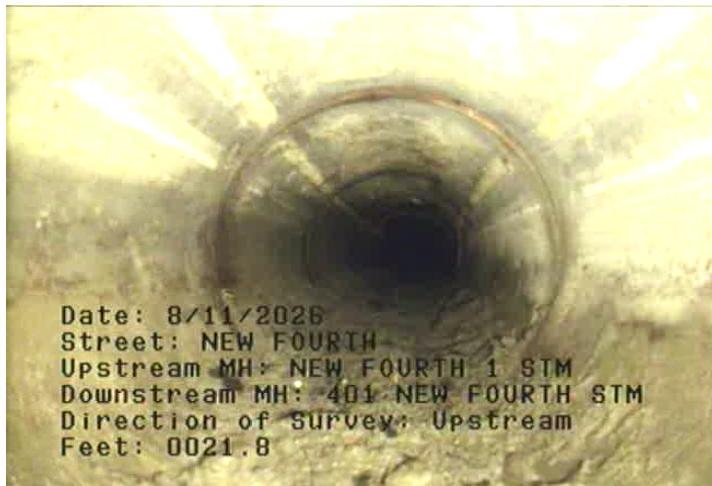
Additional Information
10"



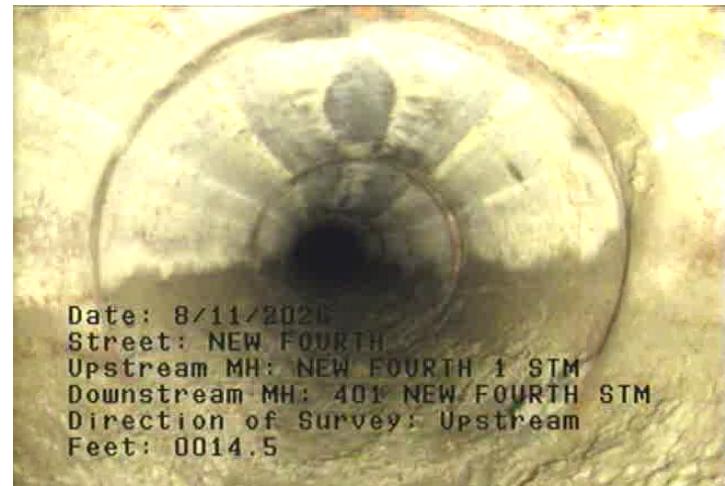
MMC - Material Change @ 8.1 ft. VCP



RFJ - Roots, Fine: Joint @ 11.6 ft.



CM - Crack Multiple @ 12.0 ft.



RFJ - Roots, Fine: Joint @ 15.0 ft.



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Upstream MH NEW FOURTH 1 STM	Downstream MH 401 NEW FOURTH STM	Size 10	Material Polyethylene	Total Length 88	City FAIRPORT HARBOR
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Surveyor's Name M.Crawford	Certificate Number U735286	Street Address NEW FOURTH	Location Details
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Direction Upstream	Purpose Routine Assessment	Weather Dry	Date 8/11/2026	Time 1:59 AM	Length Surveyed 88
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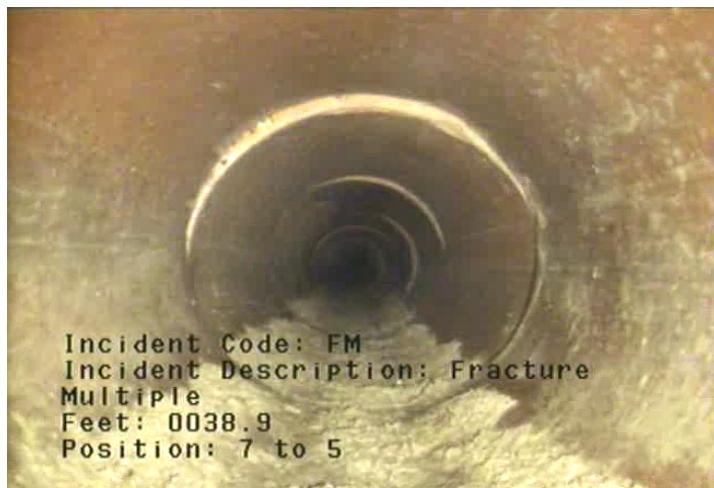
Additional Information 10"



FM - Fracture Multiple @ 34.5 ft.



FM - Fracture Multiple @ 36.1 ft.



FM - Fracture Multiple @ 38.9 ft.



FM - Fracture Multiple @ 49.6 ft.



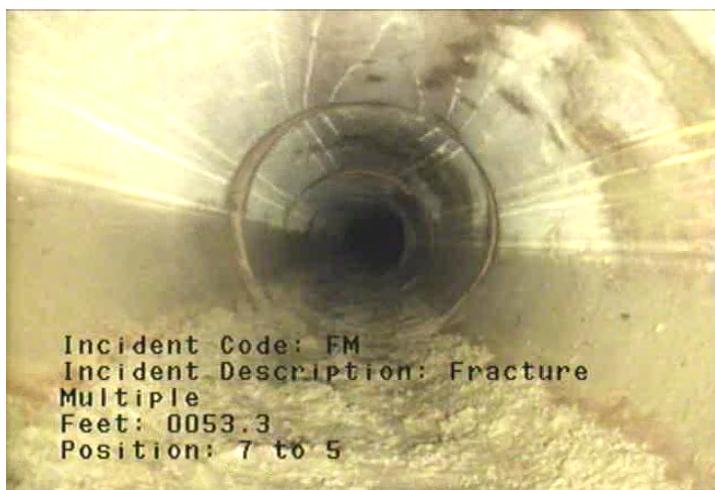
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Upstream MH NEW FOURTH 1 STM	Downstream MH 401 NEW FOURTH STM	Size 10	Material Polyethylene	Total Length 88	City FAIRPORT HARBOR
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Surveyor's Name M.Crawford	Certificate Number U735286	Street Address NEW FOURTH	Location Details
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Direction Upstream	Purpose Routine Assessment	Weather Dry	Date 8/11/2026	Time 1:59 AM	Length Surveyed 88
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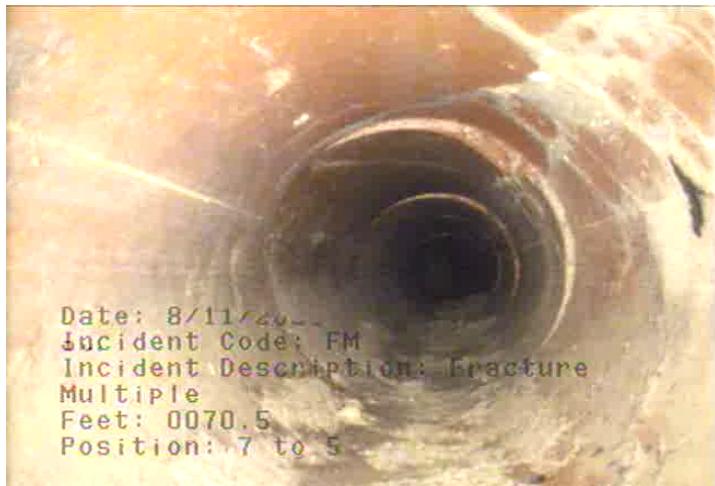
Additional Information 10"



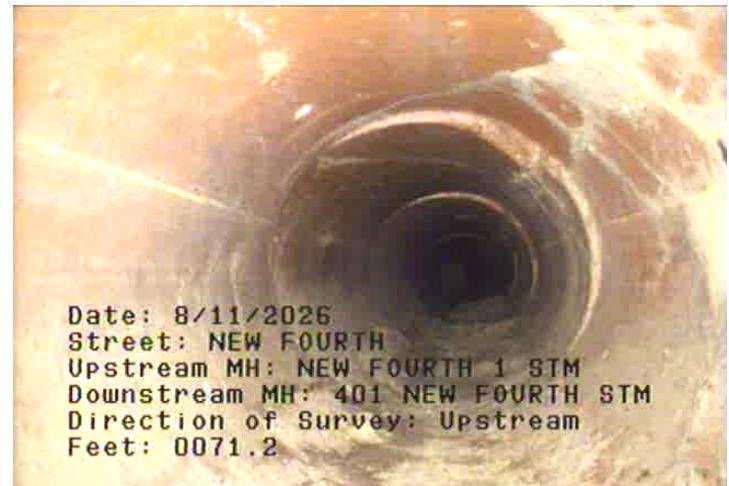
FM - Fracture Multiple @ 53.3 ft.



FM - Fracture Multiple @ 58.1 ft.



FM - Fracture Multiple @ 70.5 ft.



CM - Crack Multiple @ 71.2 ft.



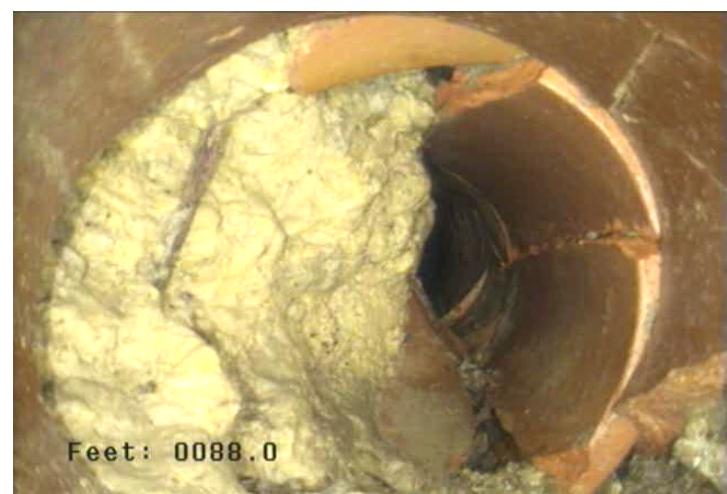
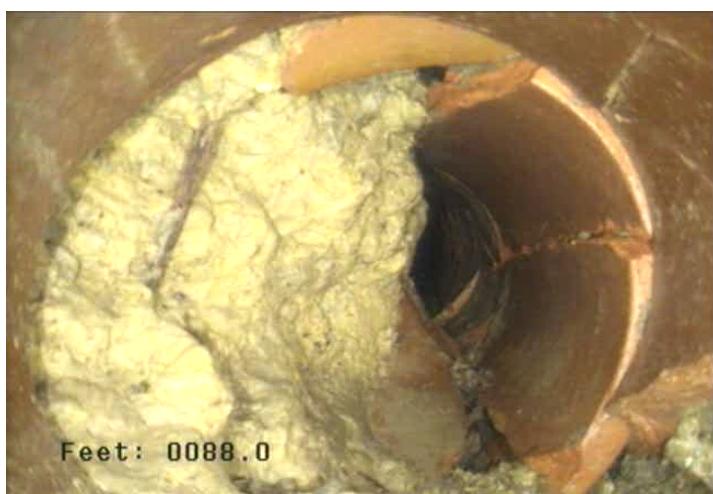
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Upstream MH NEW FOURTH 1 STM	Downstream MH 401 NEW FOURTH STM	Size 10	Material Polyethylene	Total Length 88	City FAIRPORT HARBOR
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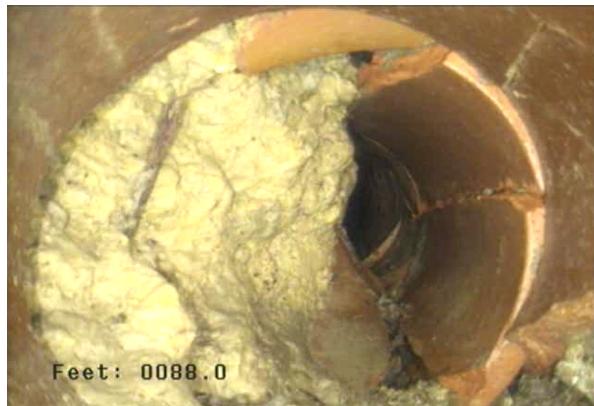
Surveyor's Name M.Crawford	Certificate Number U735286	Street Address NEW FOURTH	Location Details		
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Direction Upstream	Purpose Routine Assessment	Weather Dry	Date 8/11/2026	Time 1:59 AM	Length Surveyed 88
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Additional Information 10"					
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DSGV - Deposits Settled: Gravel @ 88.0 ft. FM - Fracture Multiple @ 88.0 ft.



XP - Pipe Collapsed @ 88.0 ft. UNABLE TO GET PASS COLLAPSE. ALL OTHER ACCESS POINTS COVERED BY CONSTRUCTION

MSA - Survey Abandoned @ 88.0 ft. UNABLE TO GET PASS COLLAPSE. ALL OTHER ACCESS POINTS COVERED BY CONSTRUCTION