



Defect Listing

Pipe Segment Refere... A21-4_A21-3	City Oliver Springs	Street Strutt St	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH A21-4	Total Length 209.2	Year Laid	Shape Circular	Location Details	
DS Manhole A21-3	Length surveyed 209.2	Year Renewed	Height 8	Width 8	Pipe Joint... 4

SPR 11	MPR 2	PO Number 4397-03	Customer GRW
SPRI 2.8	MPRI 2	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR 5131	QMR 2100		
OPR 13	Surveyed By Barry Rogers	Direction Downstream	Date 20150804
OPRI 2.6	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 07:51
	Date Cleaned 20150804	End Time 08:10	Weather Dry
			Media label
			Additional Info

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: A21-4									
0.0 ft.	Water Level				10	<input type="checkbox"/>			
50.8 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
81.7 ft.	Water Level Sag				10	<input type="checkbox"/>			2
112.0 ft.	Hole				0	<input type="checkbox"/>	12		3
112.0 ft.	Crack Circumferential				0	<input type="checkbox"/>	6	12	1
140.3 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
201.1 ft.	Joint Offset Large				0	<input type="checkbox"/>			2
201.1 ft.	Hole Soil Visible				0	<input type="checkbox"/>	11	2	5
209.2 ft.	Water Level				15	<input type="checkbox"/>			
209.2 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: 21-3									

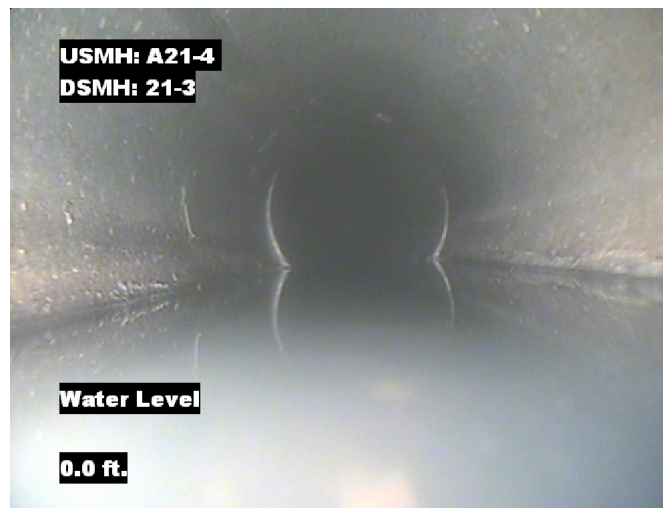


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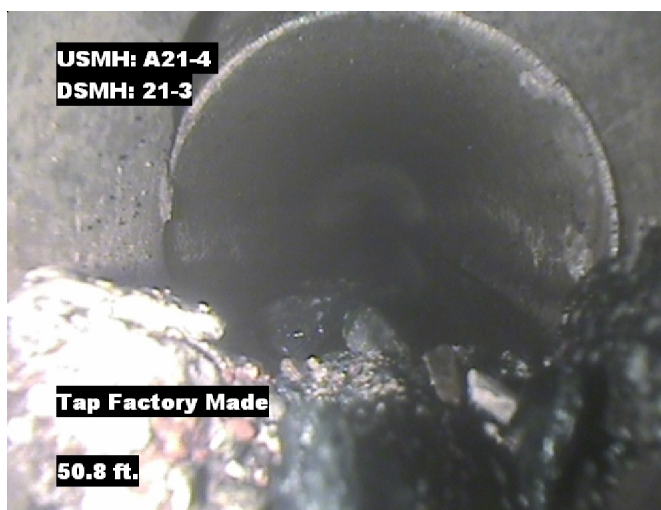
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A21-4_A21-3	Oliver Springs	Strutt St	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH A21-4	Total Length 209.2	Year Laid	Shape Circular	Location Details	
DS Manhole A21-3	Length surveyed 209.2	Year Renewed	Height 8	Width 8	Pipe Joint... 4



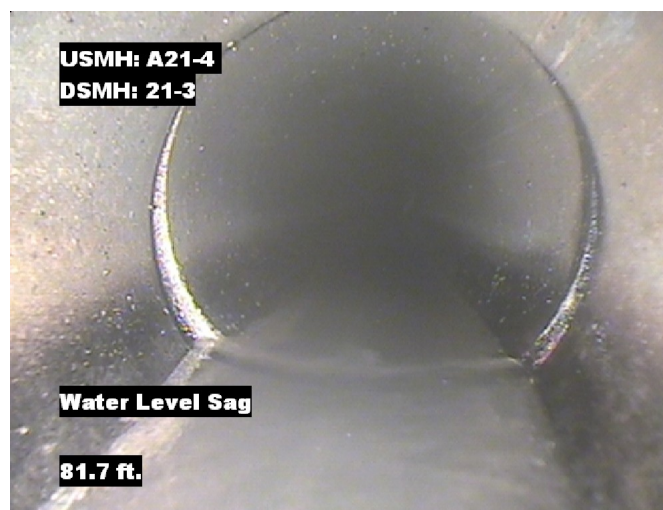
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A21-4



Distance: 0.0 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 50.8 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A

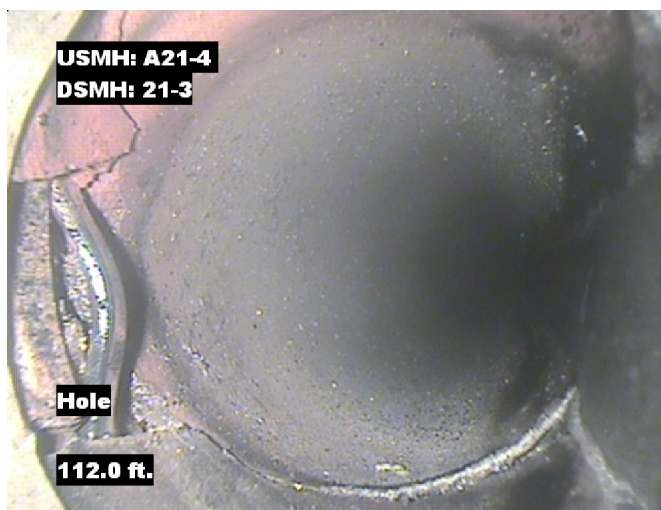


Distance: 81.7 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

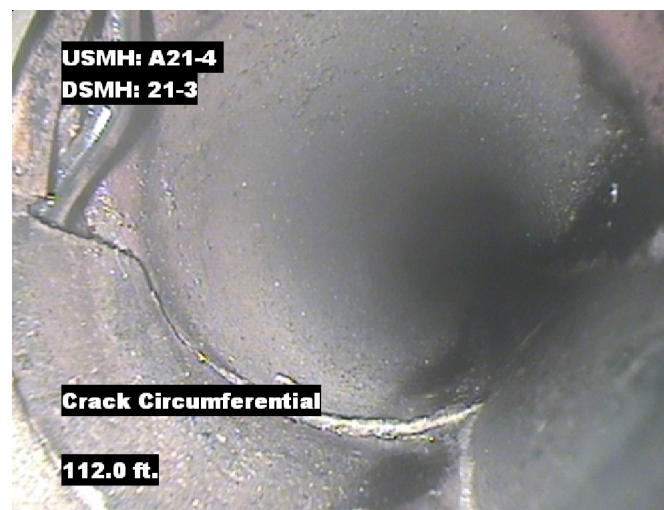


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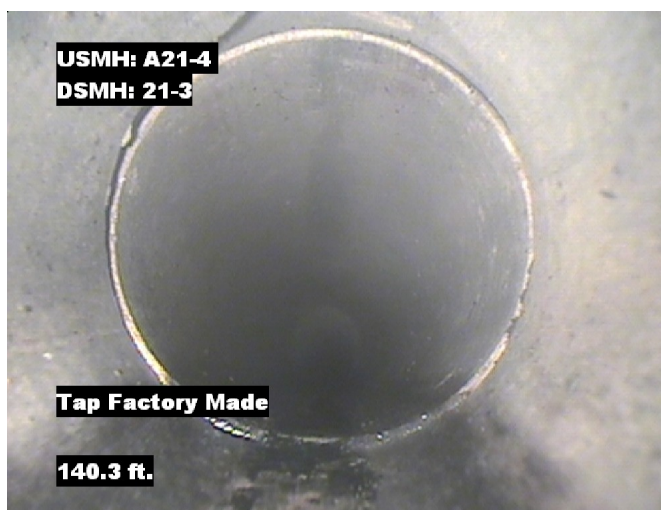
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A21-4_A21-3	Oliver Springs	Strutt St	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A21-4	209.2		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A21-3	209.2		8	8	4



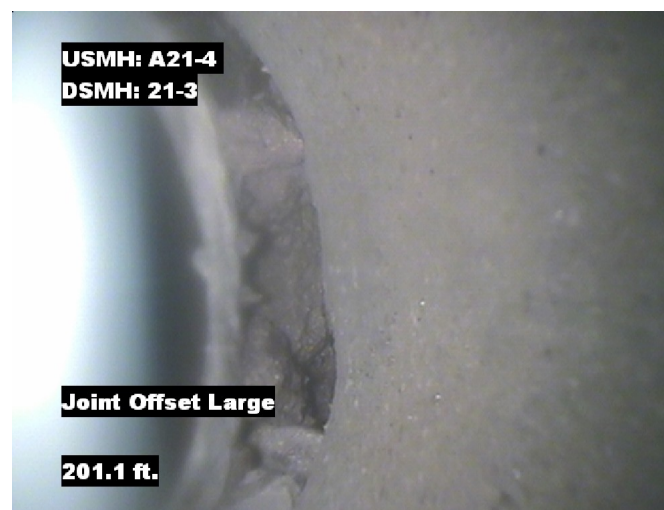
Distance: 112.0 ft. Grade: 3
Condition: Hole
Remarks: N/A



Distance: 112.0 ft. Grade: 1
Condition: Crack Circumferential
Remarks: N/A



Distance: 140.3 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A

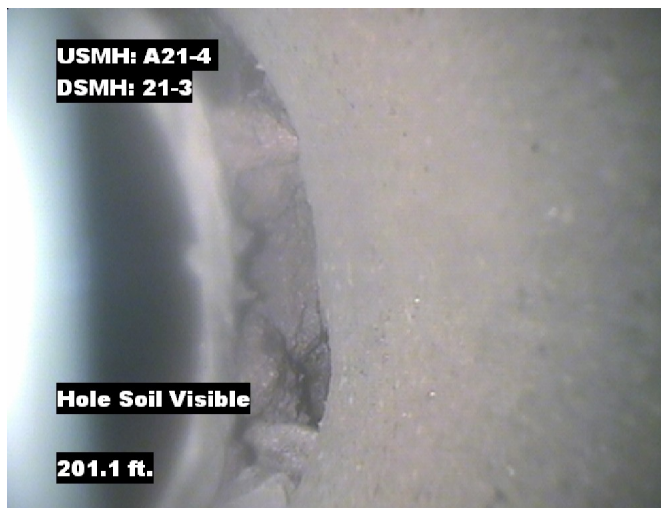


Distance: 201.1 ft. Grade: 2
Condition: Joint Offset Large
Remarks: N/A



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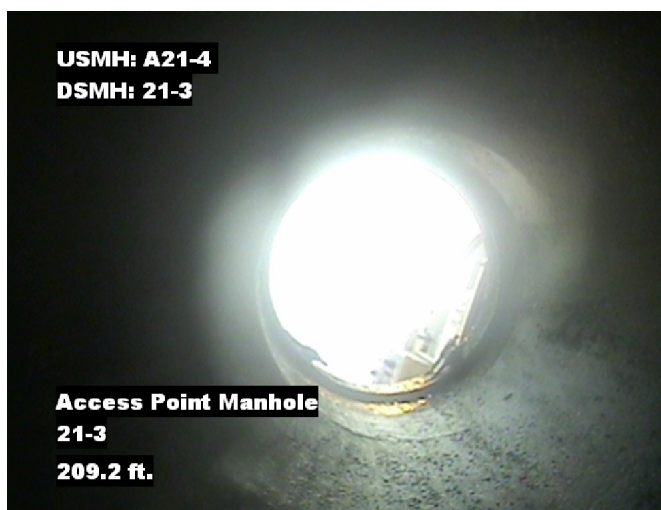
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Upstream MH	Total Length	Year Laid	Shape	Location Details	
A21-4	209.2		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A21-3	209.2		8	8	4



Distance: 201.1 ft. Grade: 5
Condition: Hole Soil Visible
Remarks: N/A



Distance: 209.2 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 209.2 ft. Grade: 0
Condition: Access Point Manhole
Remarks: 21-3



PACP Conditions

Pipe Segment Refere... A21-4_A21-3	City Oliver Springs	Street Strutt St	Material Concrete Pipe (non-...		Location C... Light High...	Sewer Use Sanitary
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SPRI 2.8	MPRI 2	Work Order 4397-02		Purpose		
QSR 5131	QMR 2100			Pre-Rehabilitation Survey		
OPR 13	Surveyed By Barry_Rogers	Direction Downstream	Date 20150804		Media label	
OPRI 2.6	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 07:51		Weather Dry	
Date Cleaned 20150804			End Time 08:10		Additional Info	

			Structural Ratings			O & M Ratings			Combined Ratings		
			Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating
Normal Defects											
<div>Continuous Defects</div>			1	1	1	1	0	0	1	1	1
			2	1	2	2	1	2	2	2	4
			3	1	3	3	0	0	3	1	3
			4	0	0	4	0	0	4	0	0
			5	1	5	5	0	0	5	1	5
Code	ID	Length									