



Defect Listing

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D-22_D-21	Oliver Springs	Oliver Dr	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D-22	213.4		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D-21	213.4		8	8	4

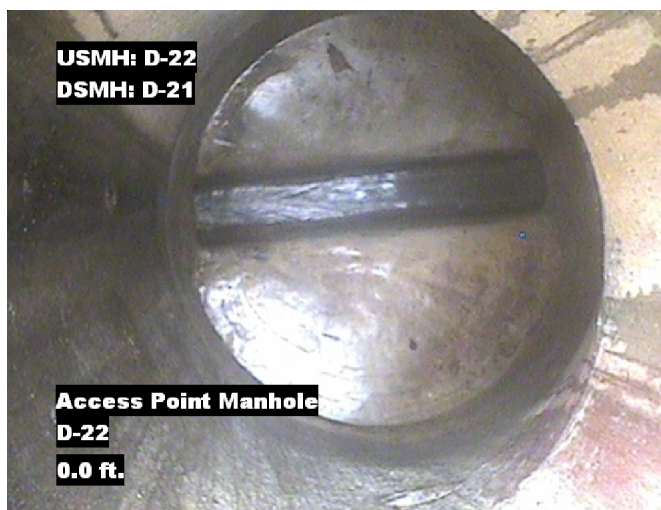
SPR	N/A	MPR	10	PO Number	Customer
SPRI	N/A	MPRI	2.5	4397-03	GRW
QSR	N/A	QMR	4123	Work Order	Purpose
				4397-02	Pre-Rehabilitation Survey
OPR	Surveyed By	Direction	Date	Media label	
10	Barry_Rogers	Downstream	20150630		
OPRI	Certificate Number	Pre-Cleaning	Time	Weather	
2.5	U-1012-16405	Jetting	06:58	Light Rain	
Date Cleaned			End Time	Additional Info	
20150626			07:10		

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: D-22									
0.0 ft.	Water Level				10	<input type="checkbox"/>			
45.8 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
112.2 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
153.1 ft.	Water Level Sag				15	<input type="checkbox"/>			2
154.1 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
193.3 ft.	Water Level Sag	S01			25	<input type="checkbox"/>			2
201.0 ft.	Water Level Sag	F01			25	<input type="checkbox"/>			2
209.0 ft.	Camera Underwater				0	<input type="checkbox"/>			4
213.3 ft.	Water Level				5	<input type="checkbox"/>			
213.4 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: D-21									

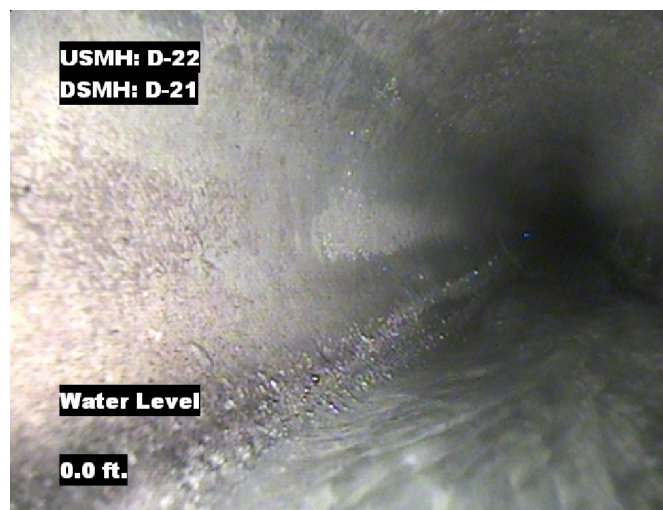


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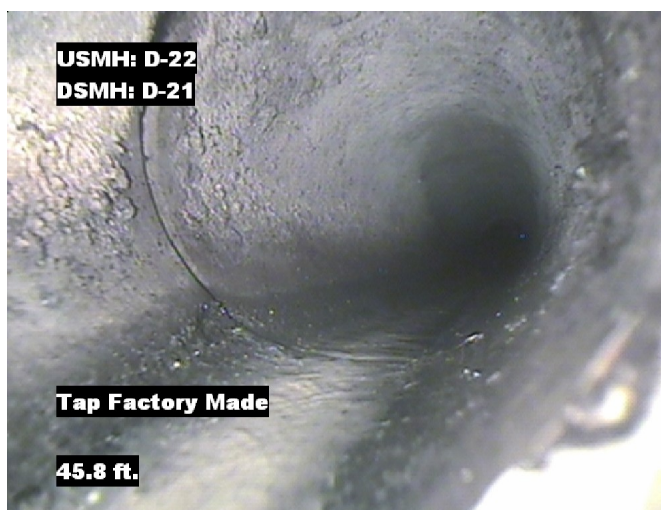
Pipe Segment Refere... D-22_D-21	City Oliver Springs	Street Oliver Dr	Material Concrete Pipe (non-...		Location C... Light High...	Sewer Use Sanitary
Upstream MH D-22	Total Length 213.4	Year Laid	Shape Circular		Location Details	
DS Manhole D-21	Length surveyed 213.4	Year Renewed	Height 8	Width 8	Pipe Joint... 4	



Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: D-22



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



Distance: 45.8 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 112.2 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A

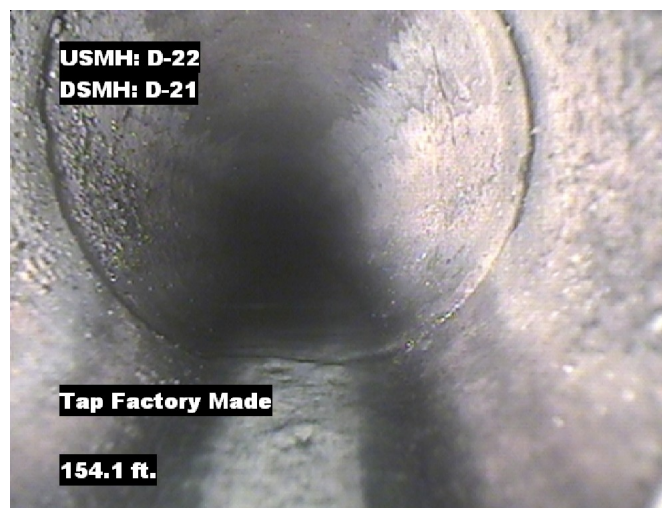


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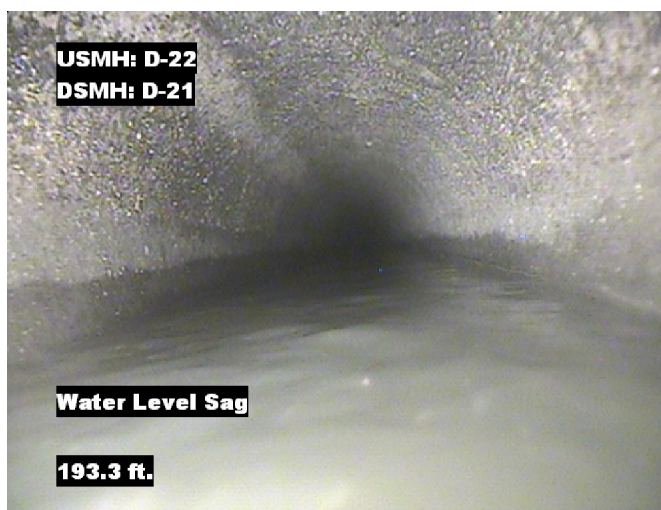
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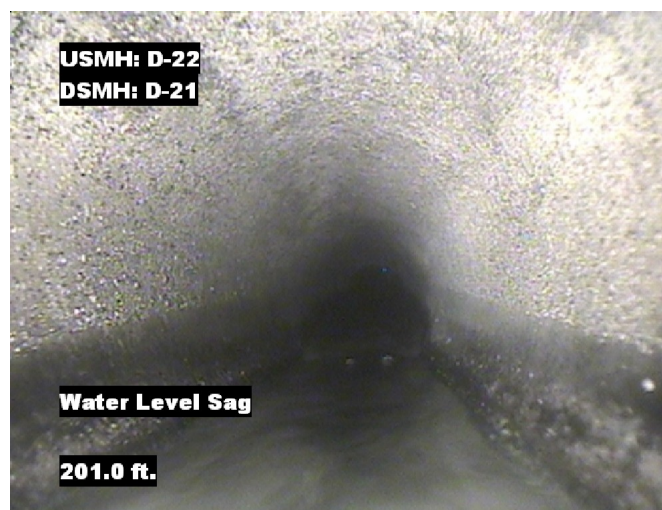
Distance: 153.1 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 154.1 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 193.3 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

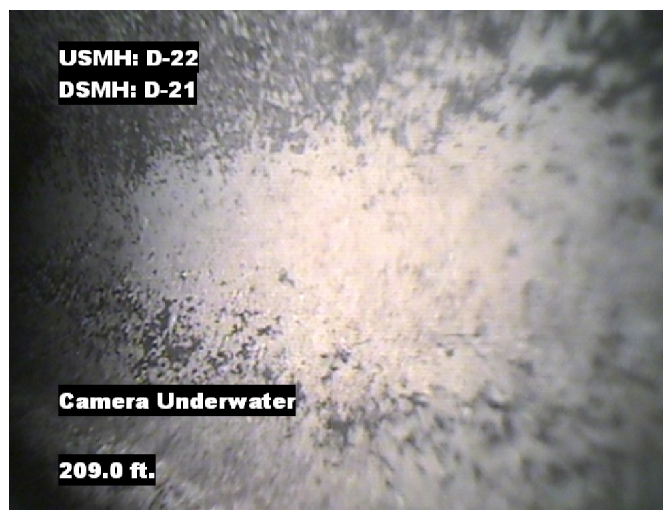


Distance: 201.0 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



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DS Manhole D-21	Length surveyed 213.4	Year Renewed	Height 8	Width 8	Pipe Joint... 4



Distance: 209.0 ft. Grade: 4
Condition: Camera Underwater
Remarks: N/A



Distance: 213.3 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 213.4 ft. Grade: 0
Condition: Access Point Manhole
Remarks: D-21



PACP Conditions

Pipe Segment Refere... D-22_D-21	City Oliver Springs	Street Oliver Dr	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH D-22	Total Length 213.4	Year Laid	Shape Circular	Location Details	
DS Manhole D-21	Length surveyed 213.4	Year Renewed	Height 8	Width 8	Pipe Joint... 4
SPR N/A	MPR 10	PO Number 4397-03		Customer GRW	
SPRI N/A	MPRI 2.5	Work Order 4397-02		Purpose Pre-Rehabilitation Survey	
QSR N/A	QMR 4123				
OPR 10	Surveyed By Barry Rogers	Direction Downstream	Date 20150630	Media label	
OPRI 2.5	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 06:58	Weather Light Rain	
Date Cleaned 20150626			End Time 07:10	Additional Info	

Normal Defects			Structural Ratings			O & M Ratings			Combined Ratings		
			Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating
Continuous Defects			1	0	0	1	0	0	1	0	0
			2	0	0	2	1	2	2	1	2
			3	0	0	3	0	0	3	0	0
			4	0	0	4	1	4	4	1	4
			5	0	0	5	0	0	5	0	0
Code	ID	Length	0	0	0	2	2	4	2	2	4
MWLS	F01	7.7									
			Subtotals	0		Subtotals	4		Subtotals	4	
SUMMARY			Pipe Rating	0		Pipe Rating	10		Overall Pipe Rating	10	
			Structural Index	0		O&M Index	2.5		Overall Index	2.5	
			Str. Quick Rating	0000		O&M Quick Rating	4123		Ovrl. Quick Rating	4123	