



Defect Listing

Pipe Segment Refere... D11-13_D11-12	City Oliver Springs	Street 491 England Dr	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH D11-13	Total Length 254.7	Year Laid	Shape Circular	Location Details in the street	
DS Manhole D11-12	Length surveyed 254.7	Year Renewed	Height 8	Width 8	Pipe Joint... 4

SPR N/A	MPR 8	PO Number 4397-03	Customer GRW
SPRI N/A	MPRI 4	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR N/A	QMR 4200		
OPR 8	Surveyed By David_brown	Direction Downstream	Date 20150620
OPRI 4	Certificate Number U-607-5202	Pre-Cleaning Heavy Cleaning	Time 16:30
	Date Cleaned 20150620	End Time 16:49	Additional Info Manhole D11-13 was ...

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: D11-13									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
6.0 ft.	Water Mark				70	<input type="checkbox"/>			4
21.5 ft.	Water Mark				50	<input type="checkbox"/>			4
26.1 ft.	Water Mark				25	<input type="checkbox"/>			
37.2 ft.	Water Level				15	<input type="checkbox"/>			
111.6 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
253.6 ft.	Water Level				5	<input type="checkbox"/>			
254.7 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: D11-12									

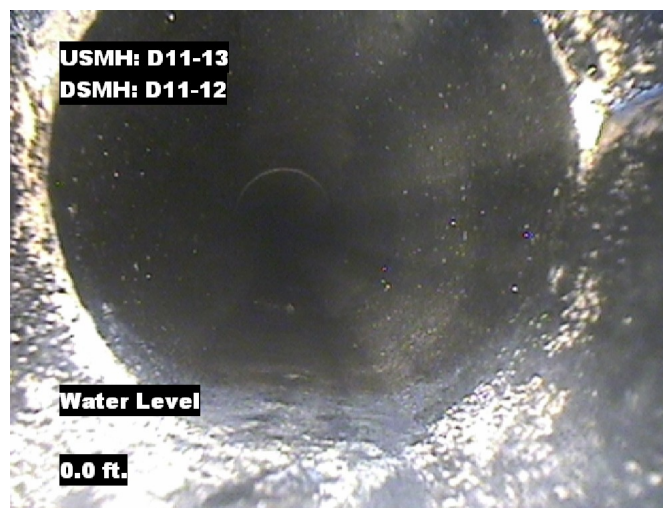


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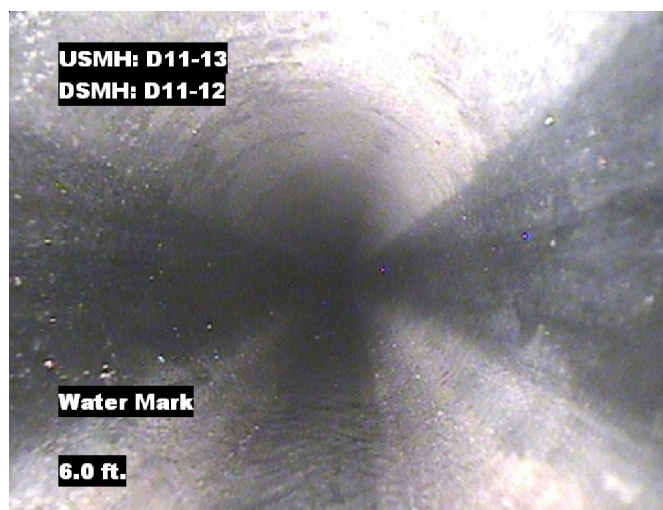
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D11-13_D11-12	Oliver Springs	491 England Dr	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH D11-13	Total Length 254.7	Year Laid	Shape Circular	Location Details in the street	
DS Manhole D11-12	Length surveyed 254.7	Year Renewed	Height 8	Width 8	Pipe Joint... 4



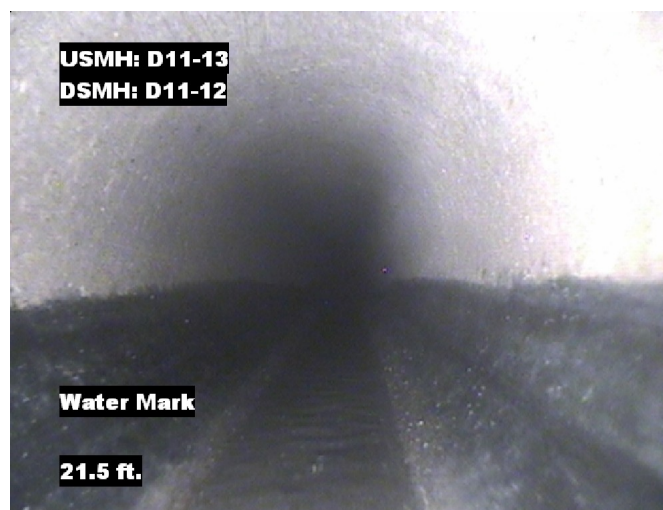
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: D11-13



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



Distance: 6.0 ft. Grade: 4
Condition: Water Mark
Remarks: N/A

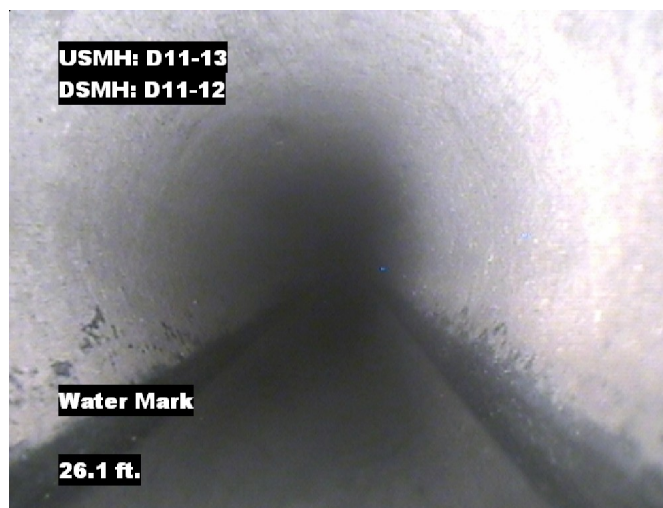


Distance: 21.5 ft. Grade: 4
Condition: Water Mark
Remarks: N/A



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Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D11-13_D11-12	Oliver Springs	491 England Dr	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH D11-13	Total Length 254.7	Year Laid	Shape Circular	Location Details in the street	
DS Manhole D11-12	Length surveyed 254.7	Year Renewed	Height 8	Width 8	Pipe Joint... 4



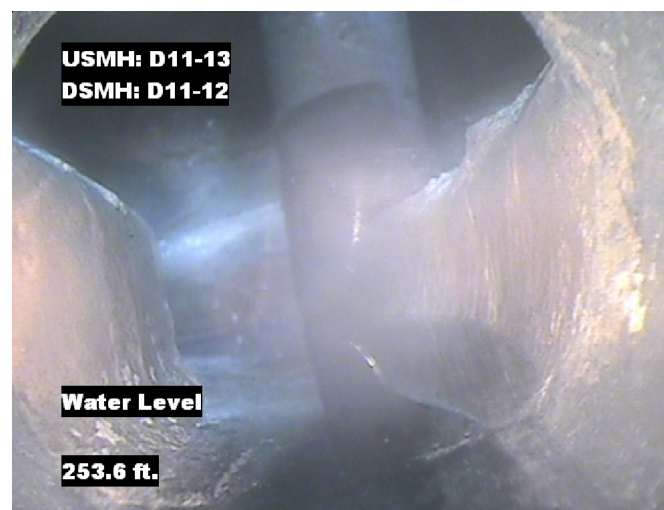
Distance: 26.1 ft. Grade: 0
Condition: Water Mark
Remarks: N/A



Distance: 37.2 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 111.6 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 253.6 ft. Grade: 0
Condition: Water Level
Remarks: N/A



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Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D11-13_D11-12	Oliver Springs	491 England Dr	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D11-13	254.7		Circular	in the street	
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D11-12	254.7		8	8	4



Distance: 254.7 ft. Grade: 0
Condition: Access Point Manhole
Remarks: D11-12



PACP Conditions

Pipe Segment Refere... D11-13_D11-12	City Oliver Springs	Street 491 England Dr	Material Concrete Pipe (non-...		Location C... Light High...	Sewer Use Sanitary
Upstream MH D11-13	Total Length 254.7	Year Laid	Shape Circular		Location Details in the street	
DS Manhole D11-12	Length surveyed 254.7	Year Renewed	Height 8	Width 8	Pipe Joint... 4	
SPR N/A	MPR 8	PO Number 4397-03		Customer GRW		
SPRI N/A	MPRI 4	Work Order 4397-02		Purpose Pre-Rehabilitation Survey		
QSR N/A	QMR 4200					
OPR 8	Surveyed By David_brown	Direction Downstream	Date 20150620		Media label	
OPRI 4	Certificate Number U-607-5202	Pre-Cleaning Heavy Cleaning	Time 16:30		Weather Saturated	
Date Cleaned 20150620			End Time 16:49		Additional Info Manhole D11-13 was ...	

Normal Defects			Structural Ratings			O & M Ratings			Combined Ratings		
			Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating
			1	0	0	1	0	0	1	0	0
			2	0	0	2	0	0	2	0	0
			3	0	0	3	0	0	3	0	0
			4	0	0	4	2	8	4	2	8
			5	0	0	5	0	0	5	0	0
Continuous Defects											
Code	ID	Length									
			Subtotals	0		Subtotals	2		Subtotals	2	
SUMMARY			Pipe Rating		0	Pipe Rating		8	Overall Pipe Rating		8
			Structural Index		0	O&M Index		4.0	Overall Index		4.0
			Str. Quick Rating		0000	O&M Quick Rating		4200	Ovrl. Quick Rating		4200