



Defect Listing

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D3-1_D1-4	Oliver Springs	Bennett Rd	Concrete Pipe (non-...	Easement/R...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D3-1	366.5		Circular	At end of First Dri...	
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D1-4	366.5		8	8	4

SPR	N/A	MPR	17	PO Number	Customer
SPRI	N/A	MPRI	2.1	4397-03	GRW
QSR	N/A	QMR	3127	Work Order	Purpose
			4397-02	Pre-Rehabilitation Survey	
OPR	Surveyed By	Direction	Date	Media label	
17	Barry Rogers	Downstream	20150708		
OPRI	Certificate Number	Pre-Cleaning	Time	Weather	
2.1	U-1012-16405	Heavy Cleaning	09:43	Damp	
Date Cleaned			End Time	Additional Info	
20150708			10:31		

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: D3-1									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
2.0 ft.	Deposits Attached Other				5	<input checked="" type="checkbox"/>	2	10	2
2.0 ft.	Infiltration Dripper				0	<input checked="" type="checkbox"/>	2	10	3
42.9 ft.	Water Level Sag				15	<input type="checkbox"/>			2
86.5 ft.	Water Level Sag				20	<input type="checkbox"/>			2
88.6 ft.	Tap Factory Made Active		6		0	<input type="checkbox"/>	3		
134.9 ft.	Water Level Sag	S01			25	<input type="checkbox"/>			2
142.9 ft.	Water Level Sag	F01			25	<input type="checkbox"/>			2
151.9 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
203.5 ft.	Tap Factory Made Capped		6		0	<input type="checkbox"/>	9		
214.5 ft.	Water Level Sag				20	<input type="checkbox"/>			2
232.6 ft.	Water Level Sag				20	<input type="checkbox"/>			2
358.3 ft.	Material Change				0	<input type="checkbox"/>			
Remarks: CP to PVC									
360.3 ft.	Material Change				0	<input type="checkbox"/>			
Remarks: PVC to CP									
366.5 ft.	Water Level				10	<input type="checkbox"/>			
366.5 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: D1-4									



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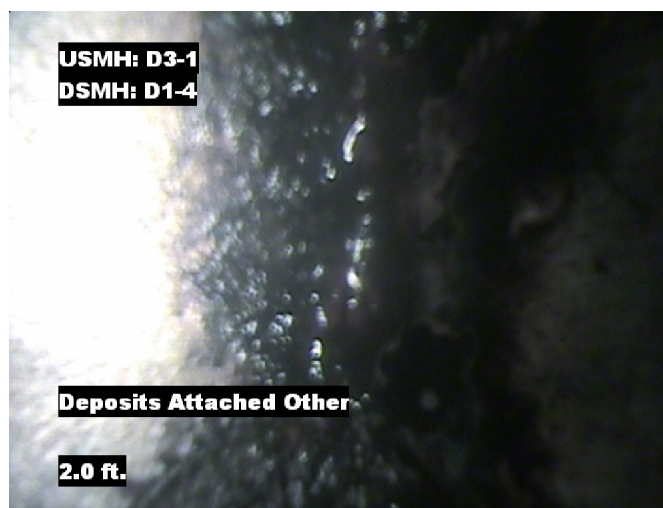
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
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Upstream MH	Total Length	Year Laid	Shape	Location Details	
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DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D1-4	366.5		8	8	4



Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: D3-1



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



Distance: 2.0 ft. Grade: 2
Condition: Deposits Attached Other
Remarks: N/A



Distance: 2.0 ft. Grade: 3
Condition: Infiltration Dripper
Remarks: N/A

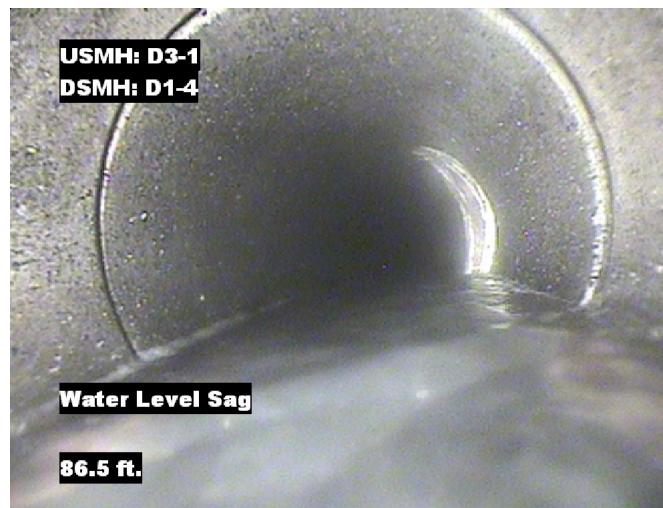


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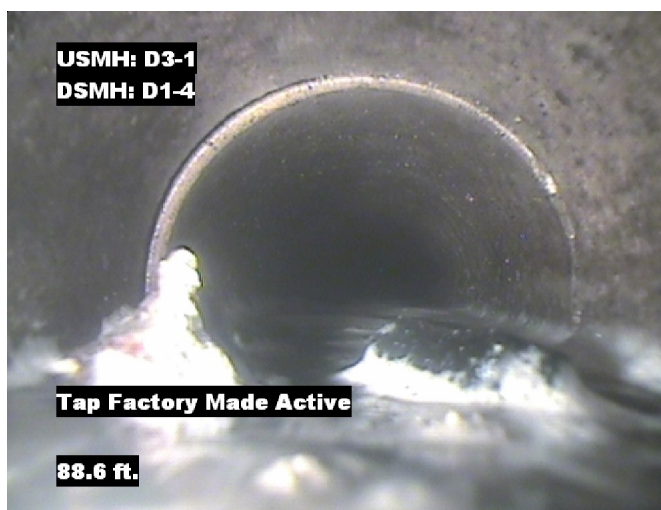
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
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DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D1-4	366.5		8	8	4



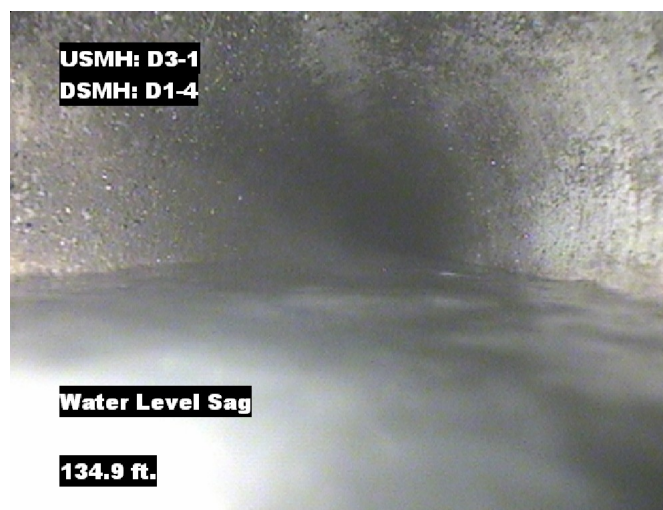
Distance: 42.9 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 86.5 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 88.6 ft. Grade: 0
Condition: Tap Factory Made Active
Remarks: N/A

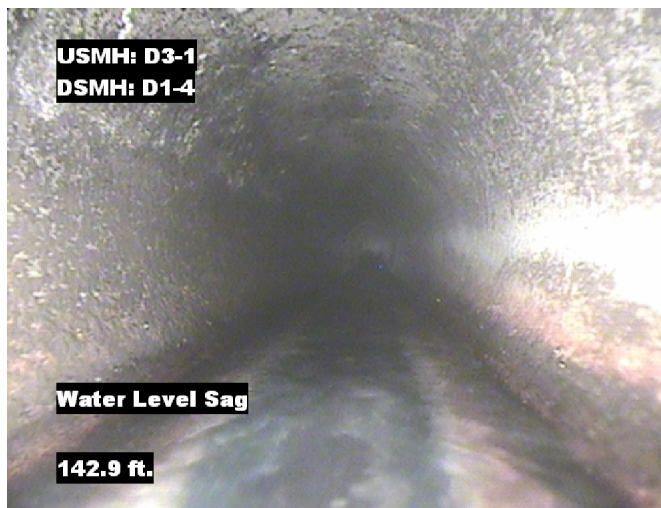


Distance: 134.9 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

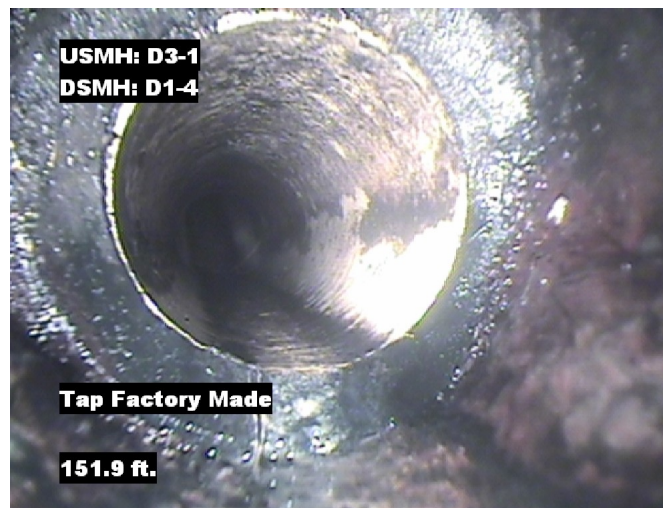


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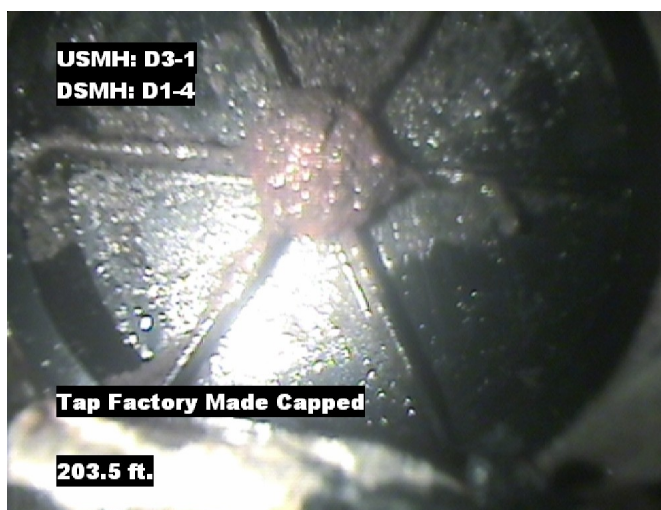
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
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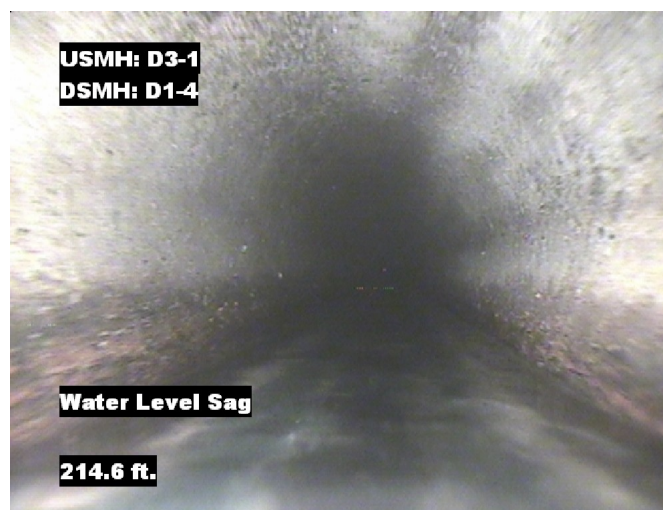
Distance: 142.9 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 151.9 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 203.5 ft. Grade: 0
Condition: Tap Factory Made Capped
Remarks: N/A



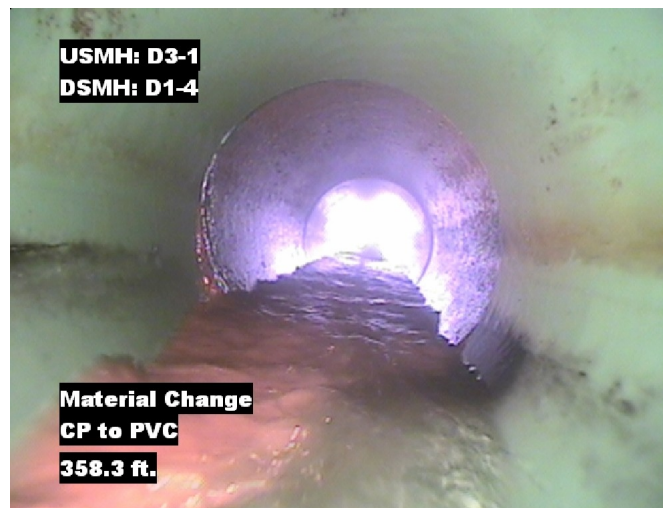
Distance: 214.5 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

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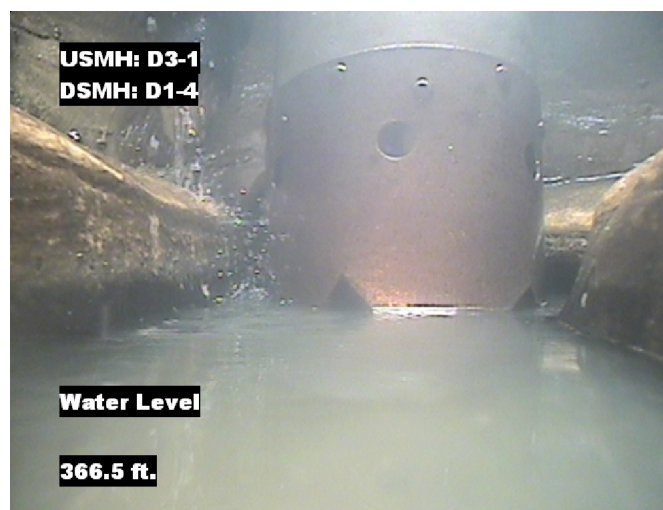
Distance: 232.6 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 358.3 ft. Grade: 0
Condition: Material Change
Remarks: CP to PVC



Distance: 360.3 ft. Grade: 0
Condition: Material Change
Remarks: PVC to CP

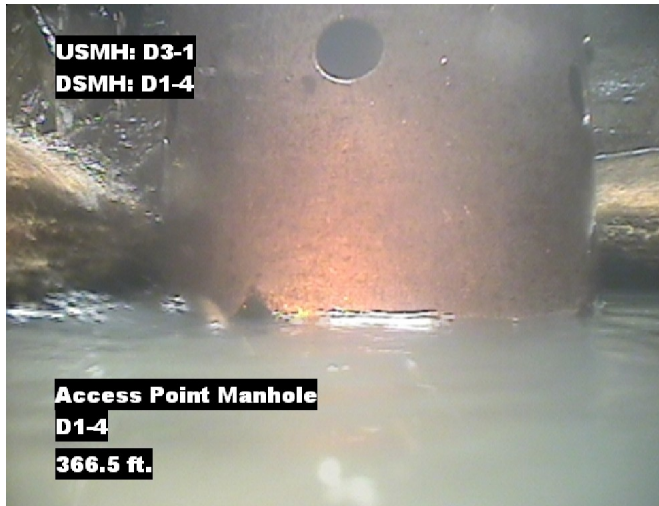


Distance: 366.5 ft. Grade: 0
Condition: Water Level
Remarks: N/A



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Distance: 366.5 ft. Grade: 0
Condition: Access Point Manhole
Remarks: D1-4



PACP Conditions

Pipe Segment Refere... D3-1_D1-4	City Oliver Springs	Street Bennett Rd	Material Concrete Pipe (non-...	Location C... Easement/R...	Sewer Use Sanitary
Upstream MH D3-1	Total Length 366.5	Year Laid	Shape Circular	Location Details At end of First Dri...	
DS Manhole D1-4	Length surveyed 366.5	Year Renewed	Height 8	Width 8	Pipe Joint... 4
SPR N/A	MPR 17	PO Number 4397-03		Customer GRW	
SPRI N/A	MPRI 2.1	Work Order 4397-02		Purpose Pre-Rehabilitation Survey	
QSR N/A	QMR 3127				
OPR 17	Surveyed By Barry Rogers	Direction Downstream	Date 20150708	Media label	
OPRI 2.1	Certificate Number U-1012-16405	Pre-Cleaning Heavy Cleaning	Time 09:43	Weather Damp	
Date Cleaned 20150708			End Time 10:31	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	5	10	2	5	10
				3	0	0	3	1	3	3	1	3
				4	0	0	4	0	0	4	0	0
				5	0	0	5	0	0	5	0	0
Code	ID	Length	0	0	0	2	2	4	2	2	4	
MWLS	F01	8.0										
				Subtotals	0		Subtotals	8		Subtotals	8	
SUMMARY				Pipe Rating		0	Pipe Rating		17	Overall Pipe Rating		17
				Structural Index		0	O&M Index		2.1	Overall Index		2.1
				Str. Quick Rating		0000	O&M Quick Rating		3127	Ovrl. Quick Rating		3127