



## Defect Listing

Pipe Segment Refere... <b>A-66_A-65</b>	<b>City</b> <b>Oliver Springs</b>	<b>Street</b> <b>Lookout Avenue</b>	<b>Material</b> <b>Concrete Pipe (non-...</b>	<b>Location C...</b> <b>Light High...</b>	<b>Sewer Use</b> <b>Sanitary</b>
<b>Upstream MH</b> <b>A-66</b>	Total Length <b>193.7</b>	Year Laid	<b>Shape</b> <b>Circular</b>	Location Details	
<b>DS Manhole</b> <b>A-65</b>	<b>Length surveyed</b> <b>193.7</b>	Year Renewed	<b>Height</b> <b>8</b>	Width <b>8</b>	Pipe Joint... <b>4</b>

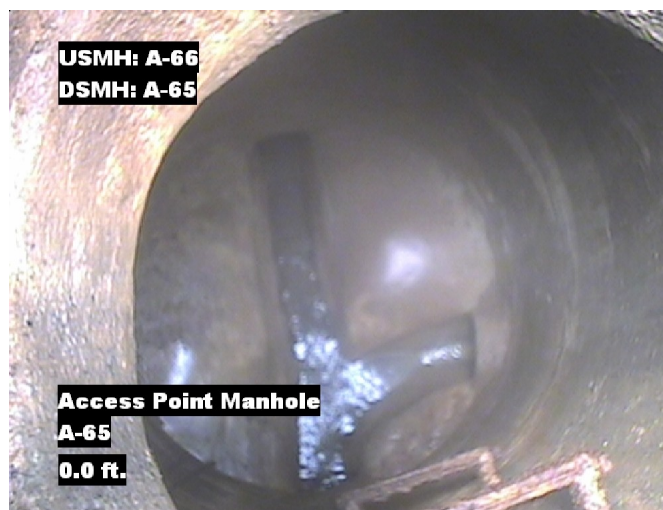
SPR <b>6</b>	MPR <b>4</b>	PO Number <b>4397-03</b>	<b>Customer</b> <b>GRW</b>
SPRI <b>1.5</b>	MPRI <b>4</b>	Work Order <b>4397-02</b>	Purpose <b>Pre-Rehabilitation Survey</b>
QSR <b>3113</b>	QMR <b>4100</b>		
OPR <b>10</b>	<b>Surveyed By</b> <b>Barry Rogers</b>	<b>Direction</b> <b>Upstream</b>	<b>Date</b> <b>20150727</b>
OPRI <b>2</b>	<b>Certificate Number</b> <b>U-1012-16405</b>	<b>Pre-Cleaning</b> <b>Jetting</b>	<b>Time</b> <b>12:54</b>
	<b>Date Cleaned</b> <b>20150727</b>	<b>End Time</b> <b>13:05</b>	<b>Weather</b> <b>Dry</b>
			<b>Media label</b>
			<b>Additional Info</b>

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Access Point Manhole				0	<input type="checkbox"/>			
<b>Remarks:</b> A-65									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
2.0 ft.	Joint Offset Medium				0	<input type="checkbox"/>			1
19.0 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
19.0 ft.	Broken Pipe				0	<input type="checkbox"/>	2		3
19.1 ft.	Crack Circumferential				0	<input type="checkbox"/>	9	11	1
73.4 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
73.4 ft.	Infiltration Runner				0	<input type="checkbox"/>	12		4
74.8 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
128.5 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
146.3 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	10		
182.7 ft.	Joint Offset Medium				0	<input type="checkbox"/>			1
191.4 ft.	Water Level				5	<input type="checkbox"/>			
193.7 ft.	Access Point Manhole				0	<input type="checkbox"/>			
<b>Remarks:</b> A-66									



## Image Report 4/Page

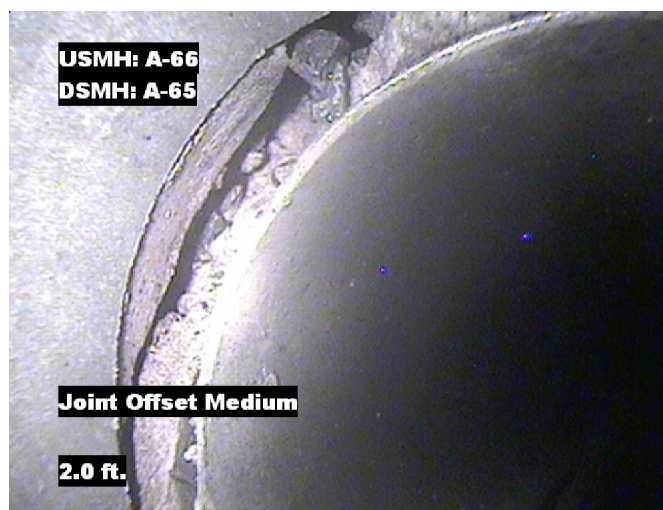
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A-66_A-65	Oliver Springs	Lookout Avenue	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A-66	193.7		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A-65	193.7		8	8	4



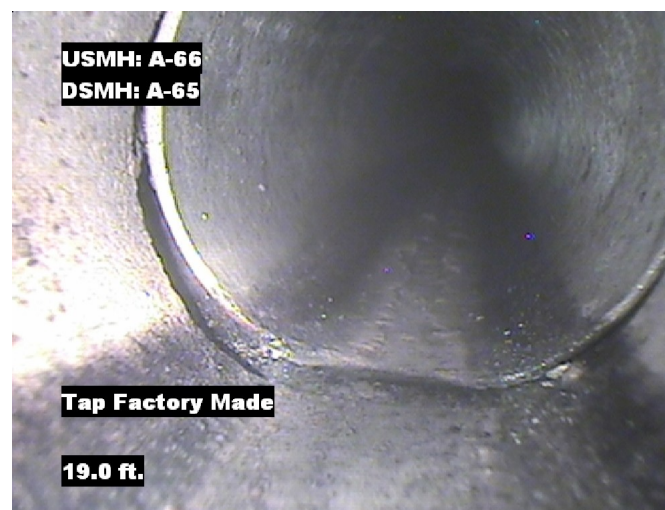
Distance: 0.0 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: A-65



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



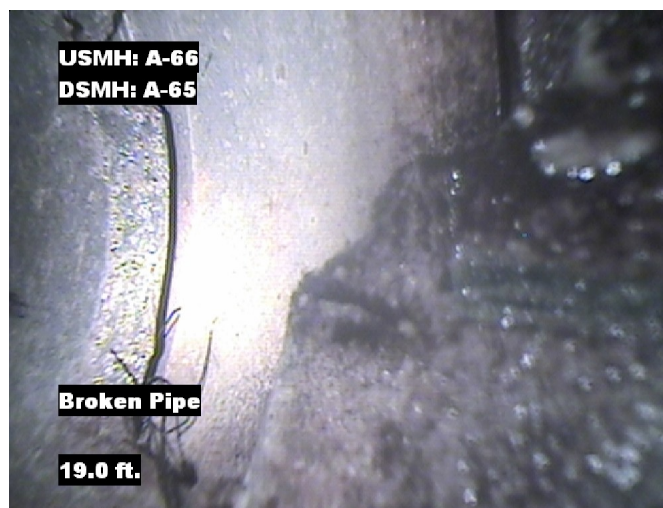
Distance: 2.0 ft. Grade: 1  
Condition: Joint Offset Medium  
Remarks: N/A



Distance: 19.0 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A

## Image Report 4/Page

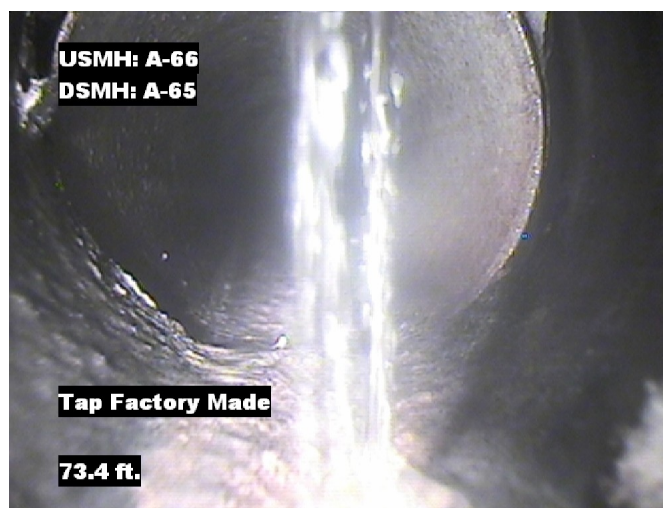
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A-66_A-65	Oliver Springs	Lookout Avenue	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A-66	193.7		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A-65	193.7		8	8	4



Distance: 19.0 ft. Grade: 3  
Condition: Broken Pipe  
Remarks: N/A



Distance: 19.1 ft. Grade: 1  
Condition: Crack Circumferential  
Remarks: N/A



Distance: 73.4 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A

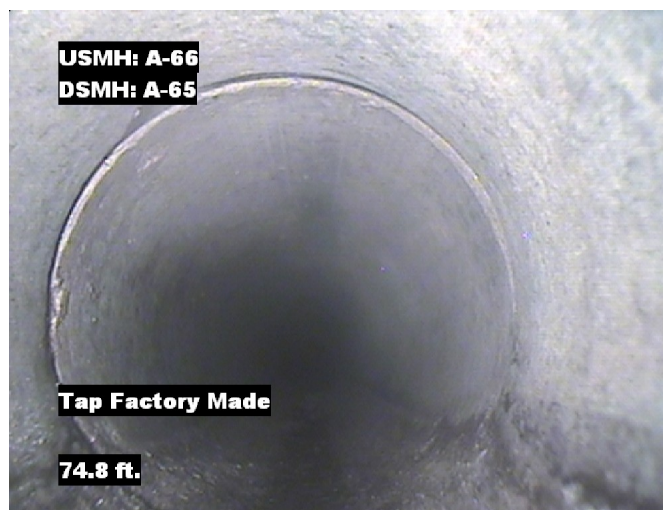


Distance: 73.4 ft. Grade: 4  
Condition: Infiltration Runner  
Remarks: N/A



## Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
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DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A-65	193.7		8	8	4



Distance: 74.8 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



Distance: 128.5 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



Distance: 146.3 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A

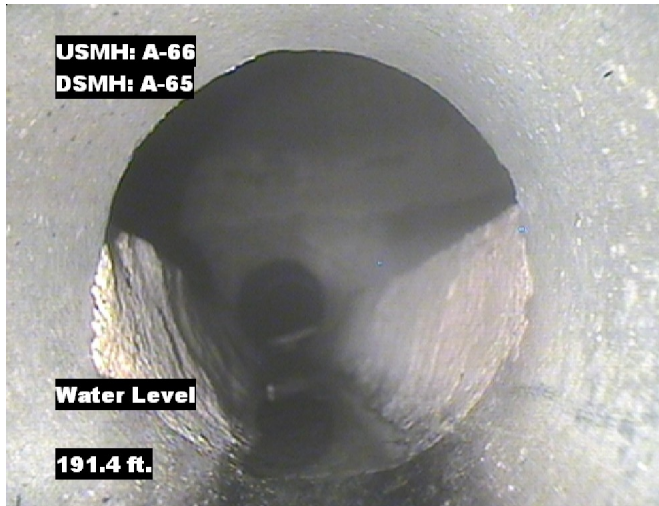


Distance: 182.7 ft. Grade: 1  
Condition: Joint Offset Medium  
Remarks: N/A



## Image Report 4/Page

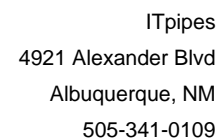
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DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A-65	193.7		8	8	4



Distance: 191.4 ft. Grade: 0  
Condition: Water Level  
Remarks: N/A



Distance: 193.7 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: A-66



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SPR	MPR	PO Number		Customer	
		4397-03		GRW	
SPRI	MPRI	Work Order		Purpose	
		4397-02		Pre-Rehabilitation Survey	
QSR	QMR				
OPR	Surveyed By	Direction	Date	Media label	
10	Barry_Rogers	Upstream	20150727		
OPRI	Certificate Number	Pre-Cleaning	Time	Weather	
2	U-1012-16405	Jetting	12:54	Dry	
Date Cleaned			End Time	Additional Info	
20150727			13:05		

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