



Defect Listing

Pipe Segment Refere... A-67_A-66	City Oliver Springs	Street lookout Ave.	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH A-67	Total Length 312.8	Year Laid	Shape Circular	Location Details	
DS Manhole A-66	Length surveyed 312.8	Year Renewed	Height 8	Width 8	Pipe Joint... 4

SPR 6	MPR N/A	PO Number 4397-03	Customer GRW
SPRI 1.5	MPRI N/A	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR 3113	QMR N/A		
OPR 6	Surveyed By Barry Rogers	Direction Downstream	Date 20150727
OPRI 1.5	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 13:30
	Date Cleaned 20150727	End Time 13:46	Weather Dry
		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: A-67									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
6.7 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
71.7 ft.	Broken Pipe				0	<input type="checkbox"/>	2		3
75.0 ft.	Joint Offset Medium				0	<input type="checkbox"/>			1
78.6 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
83.0 ft.	Crack Circumferential				0	<input type="checkbox"/>	2	3	1
119.9 ft.	Joint Offset Medium				0	<input type="checkbox"/>			1
144.1 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
165.0 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
225.5 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
242.7 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
308.8 ft.	Water Level				5	<input type="checkbox"/>			
312.8 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: A-66									

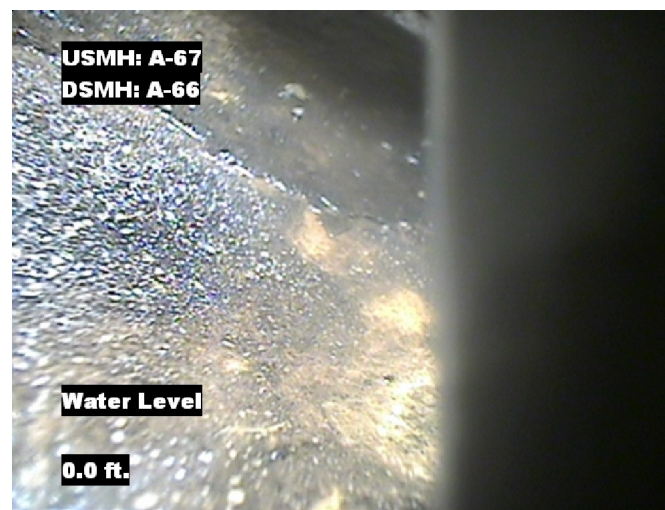


Image Report 4/Page

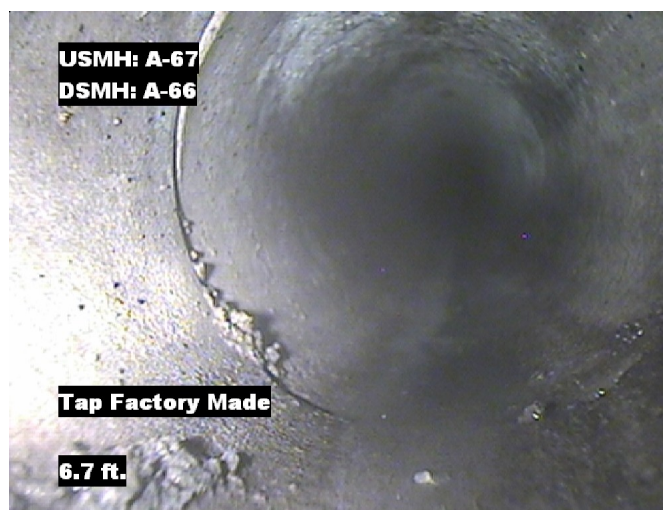
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A-67_A-66	Oliver Springs	lookout Ave.	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A-67	312.8		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A-66	312.8		8	8	4



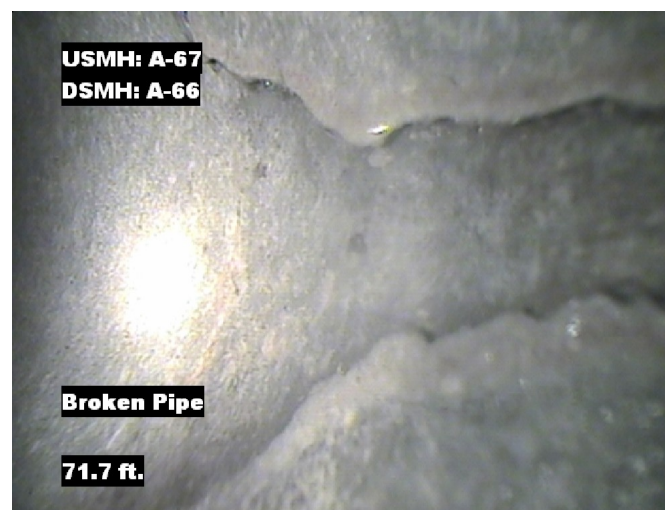
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A-67



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



Distance: 6.7 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A

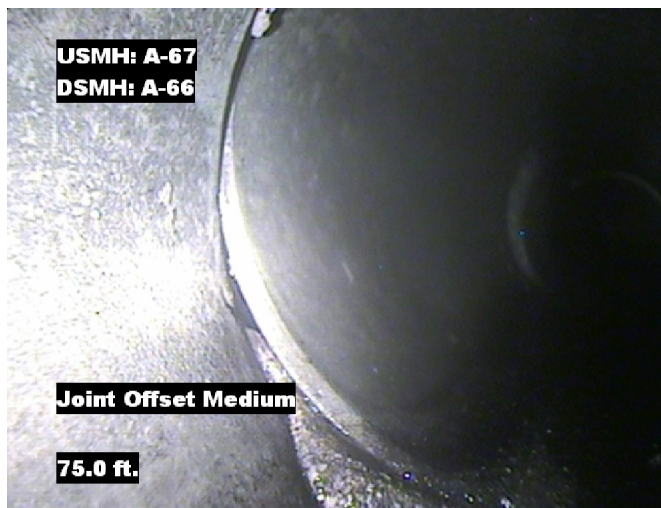


Distance: 71.7 ft. Grade: 3
Condition: Broken Pipe
Remarks: N/A

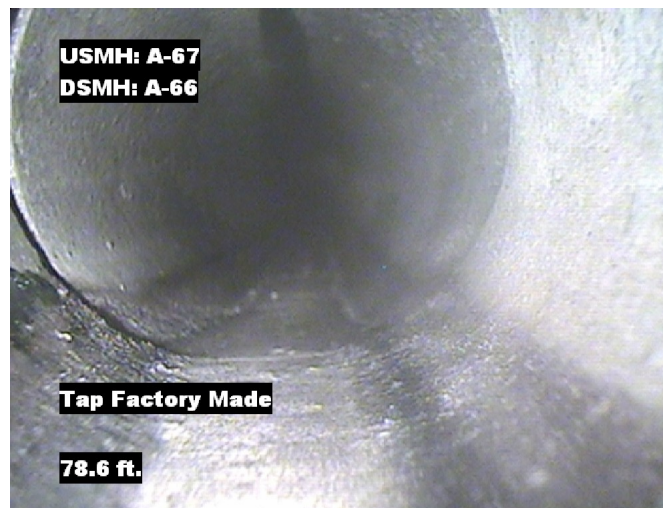


Image Report 4/Page

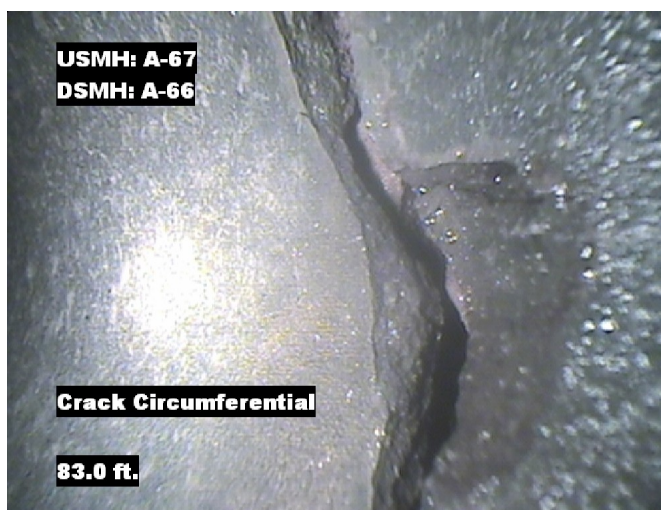
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A-67_A-66	Oliver Springs	lookout Ave.	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A-67	312.8		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A-66	312.8		8	8	4



Distance: 75.0 ft. Grade: 1
Condition: Joint Offset Medium
Remarks: N/A



Distance: 78.6 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 83.0 ft. Grade: 1
Condition: Crack Circumferential
Remarks: N/A

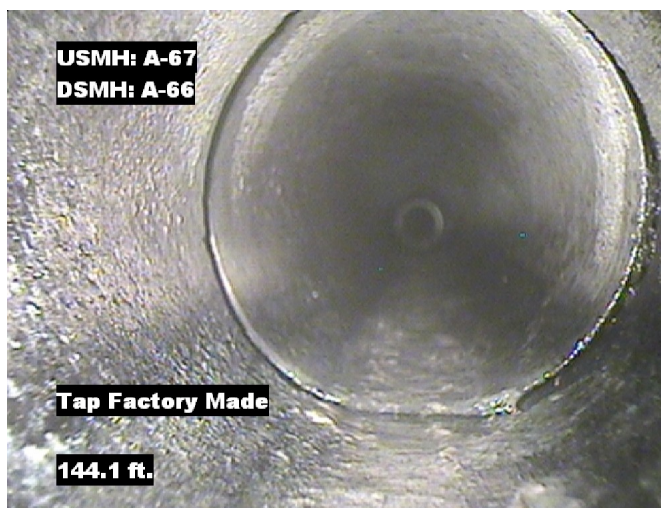


Distance: 119.9 ft. Grade: 1
Condition: Joint Offset Medium
Remarks: N/A



Image Report 4/Page

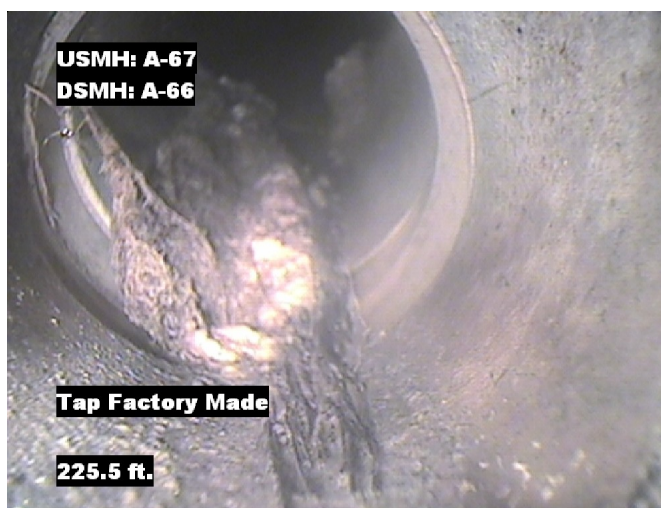
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A-67_A-66	Oliver Springs	lookout Ave.	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A-67	312.8		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A-66	312.8		8	8	4



Distance: 144.1 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 165.0 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 225.5 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A

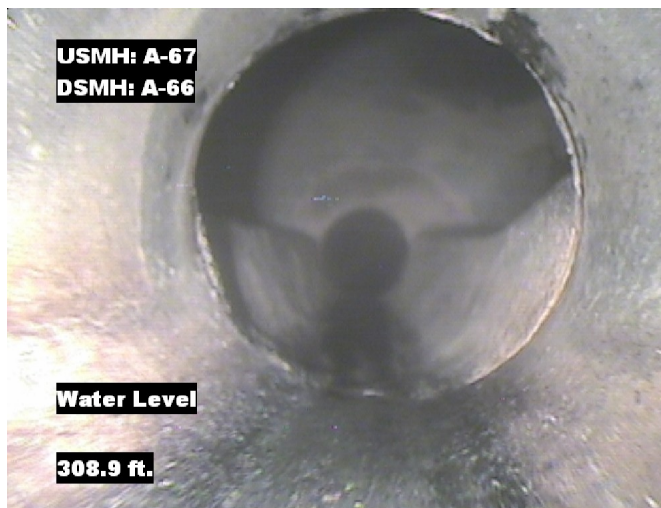


Distance: 242.7 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Image Report 4/Page

Pipe Segment Refere... A-67_A-66	City Oliver Springs	Street lookout Ave.	Material Concrete Pipe (non-...		Location C... Light High...	Sewer Use Sanitary
Upstream MH A-67	Total Length 312.8	Year Laid	Shape Circular		Location Details	
DS Manhole A-66	Length surveyed 312.8	Year Renewed	Height 8	Width 8	Pipe Joint...	4



Distance: 308.8 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 312.8 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A-66



PACP Conditions

Pipe Segment Refere... A-67_A-66	City Oliver Springs	Street lookout Ave.	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH A-67	Total Length 312.8	Year Laid	Shape Circular	Location Details	
DS Manhole A-66	Length surveyed 312.8	Year Renewed	Height 8	Width 8	Pipe Joint... 4
SPR 6	MPR N/A	PO Number 4397-03		Customer GRW	
SPRI 1.5	MPRI N/A	Work Order 4397-02		Purpose Pre-Rehabilitation Survey	
QSR 3113	QMR N/A	Direction Downstream		Date 20150727	
OPR 6	Surveyed By Barry Rogers	Pre-Cleaning Jetting		Media label	
OPRI 1.5	Certificate Number U-1012-16405	Time 13:30		Weather Dry	
Date Cleaned 20150727			End Time 13:46		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	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	0	0	4	0	0
			5	0	0	5	0	0	5	0	0
Code	ID	Length									