



Defect Listing

Pipe Segment Refere... E13-5_E13-4	City Oliver Springs	Street Valley Drive	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH E13-5	Total Length 196	Year Laid	Shape Circular	Location Details Street	
DS Manhole E13-4	Length surveyed 196	Year Renewed	Height 8	Width 8	Pipe Joint... 4

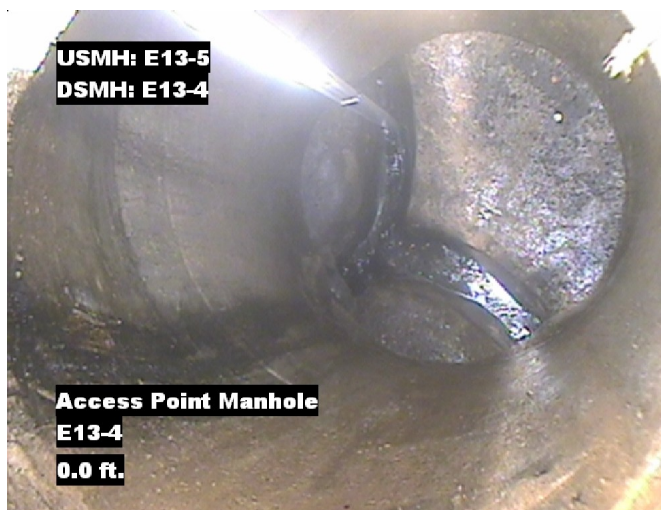
SPR 1	MPR 2	PO Number 4397-03	Customer GRW
SPRI 1	MPRI 2	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR 1100	QMR 2100		
OPR 3	Surveyed By Barry Rogers	Direction Upstream	Date 20150609
OPRI 1.5	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 10:29
	Date Cleaned 20150609	End Time 10:47	Weather Saturated
			Media label
			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: E13-4									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
35.9 ft.	Tap Break-In		6		0	<input type="checkbox"/>	2		
118.1 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
137.6 ft.	Tap Break-In		6		0	<input type="checkbox"/>	2		
138.9 ft.	Joint Separated Medium		6	1	0	<input type="checkbox"/>			1
141.5 ft.	Water Level Sag				15	<input type="checkbox"/>			2
160.5 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
193.1 ft.	Water Level				5	<input type="checkbox"/>			
196.0 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: E13-5									

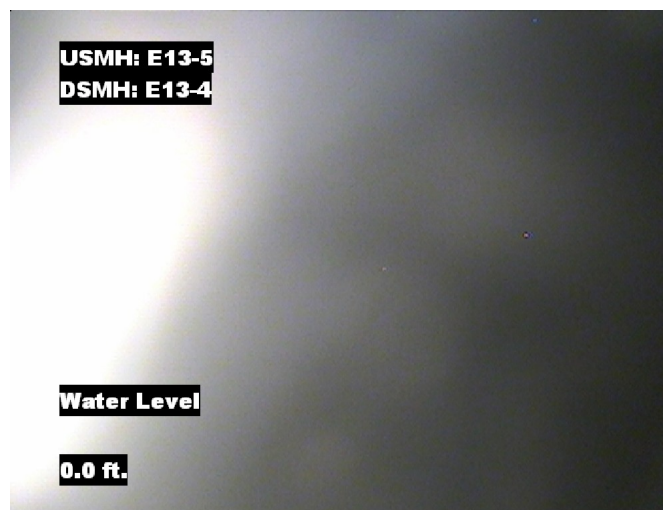


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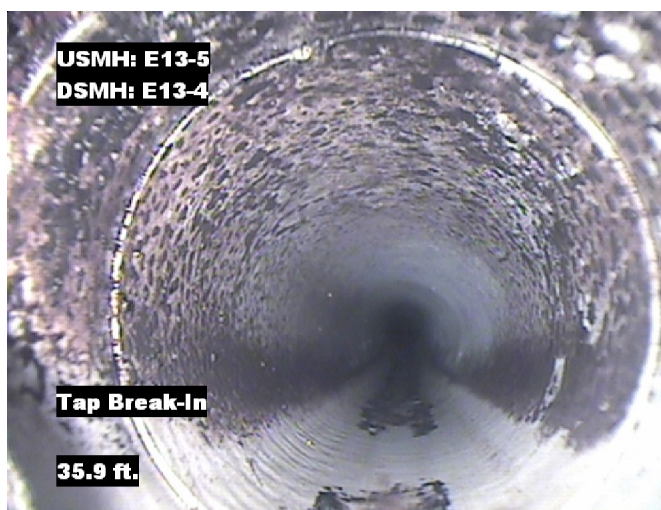
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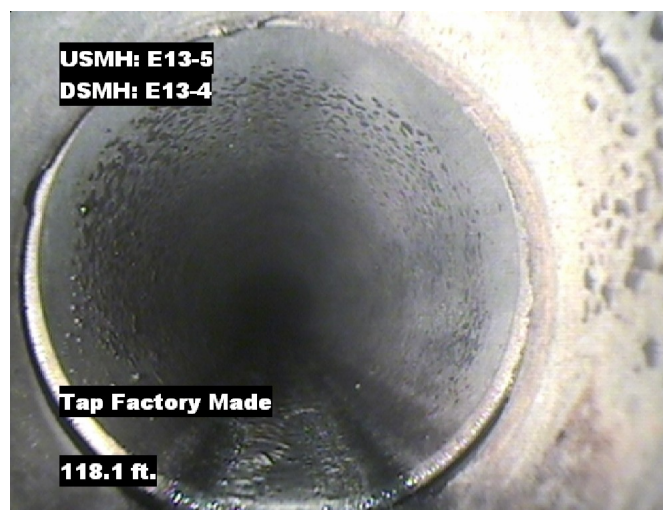
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: E13-4



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



Distance: 35.9 ft. Grade: 0
Condition: Tap Break-In
Remarks: N/A

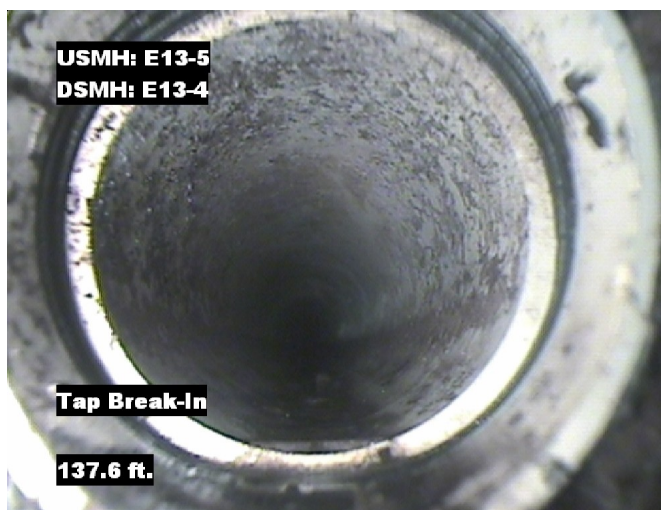


Distance: 118.1 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A

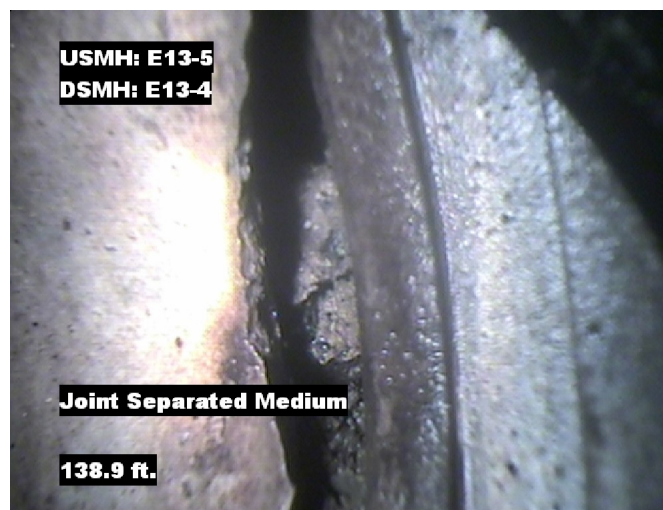


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Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
E13-5_E13-4	Oliver Springs	Valley Drive	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
E13-5	196		Circular	Street	
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
E13-4	196		8	8	4



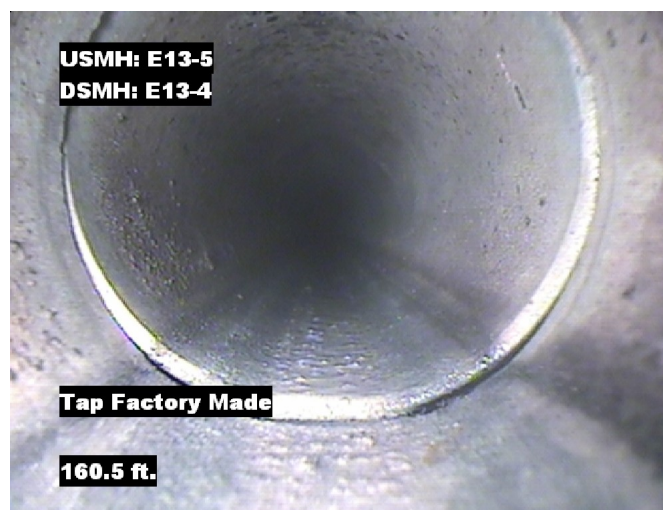
Distance: 137.6 ft. Grade: 0
Condition: Tap Break-In
Remarks: N/A



Distance: 138.9 ft. Grade: 1
Condition: Joint Separated Medium
Remarks: N/A



Distance: 141.5 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 160.5 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A

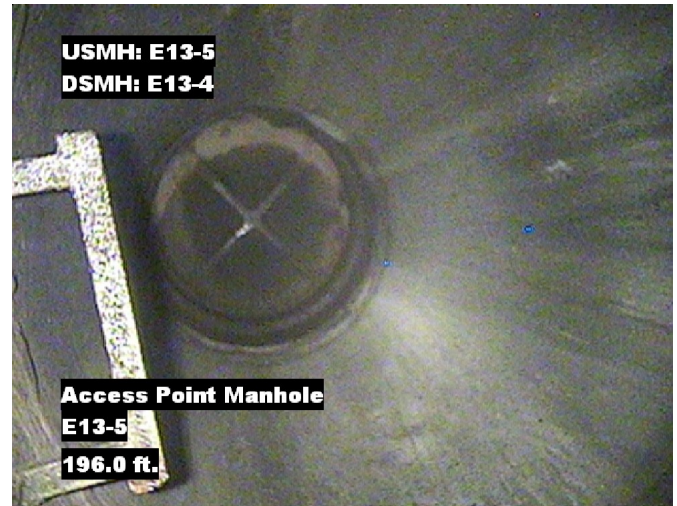


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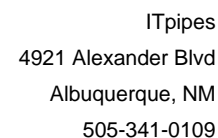
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E13-5	196		Circular	Street	
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
E13-4	196		8	8	4



Distance: 193.1 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 196.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: E13-5



PACP Conditions

Pipe Segment Refere... E13-5_E13-4	City Oliver Springs	Street Valley Drive	Material Concrete Pipe (non-...		Location C... Light High...	Sewer Use Sanitary
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QSR 1100	QMR 2100					
OPR 3	Surveyed By Barry_Rogers	Direction Upstream	Date 20150609		Media label	
OPRI 1.5	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 10:29		Weather Saturated	
Date Cleaned 20150609			End Time 10:47		Additional Info	

			Structural Ratings			O & M Ratings			Combined Ratings		
			Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating
Normal Defects											
<div>Continuous Defects</div>			1	1	1	1	0	0	1	1	1
			2	0	0	2	1	2	2	1	2
			3	0	0	3	0	0	3	0	0
			4	0	0	4	0	0	4	0	0
			5	0	0	5	0	0	5	0	0
Code	ID	Length									
			Subtotals	1		Subtotals	1		Subtotals	2	
SUMMARY			Pipe Rating	1	Pipe Rating	2	Overall Pipe Rating	3			
			Structural Index	1.0	O&M Index	2.0	Overall Index	1.5			
			Str. Quick Rating	1100	O&M Quick Rating	2100	Ovrl. Quick Rating	2111			