



Defect Listing

Pipe Segment Refere... D13-1_D-23	City Oliver Springs	Street Duncan Dr	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH D13-1	Total Length 212.7	Year Laid	Shape Circular	Location Details	
DS Manhole D-23	Length surveyed 212.7	Year Renewed	Height 8	Width 8	Pipe Joint... 4

SPR 10	MPR 4	PO Number 4397-03	Customer GRW
SPRI 5	MPRI 2	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR 5200	QMR 2200		
OPR 14	Surveyed By Barry Rogers	Direction Downstream	Date 20150623
OPRI 3.5	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 12:47
	Date Cleaned 20150623	End Time 12:57	Weather Very Dry
			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: D13-1									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
45.3 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
129.8 ft.	Water Level Sag				15	<input type="checkbox"/>			2
178.9 ft.	Water Level Sag				15	<input type="checkbox"/>			2
199.6 ft.	Hole Soil Visible				0	<input type="checkbox"/>	3	9	5
212.6 ft.	Dropped Invert		8		0	<input type="checkbox"/>			5
212.7 ft.	Survey Abandoned				0	<input type="checkbox"/>			
Remarks: Can not crawl accross Dropped Invert									

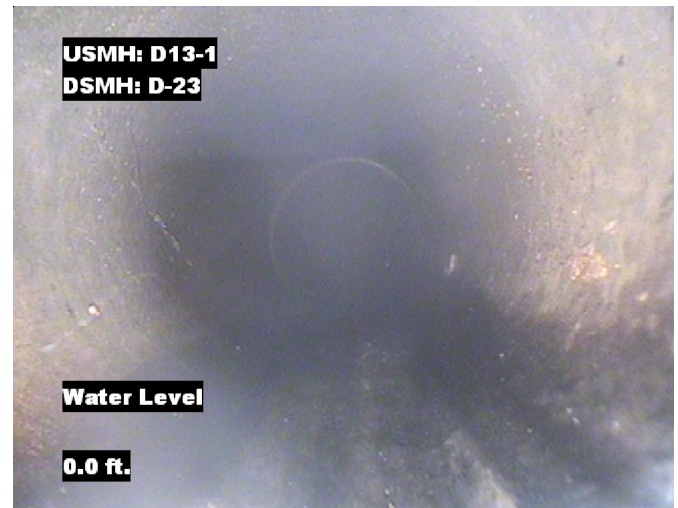


Image Report 4/Page

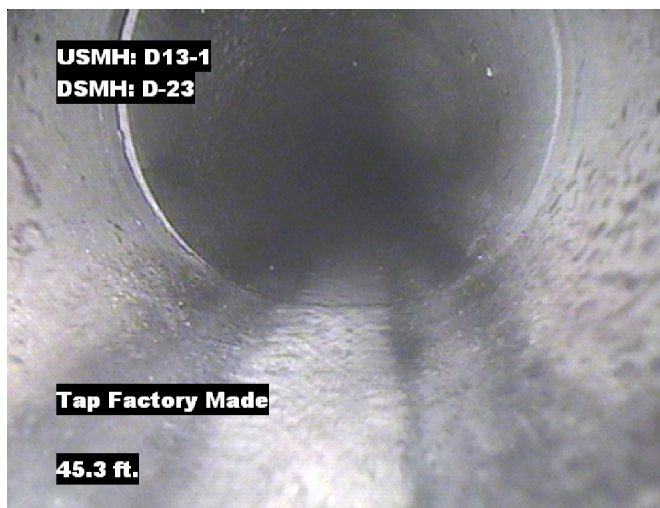
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D13-1_D-23	Oliver Springs	Duncan Dr	Concrete Pipe (non-...	Light High...	Sanitary
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Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: D13-1



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



Distance: 45.3 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 129.8 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Image Report 4/Page

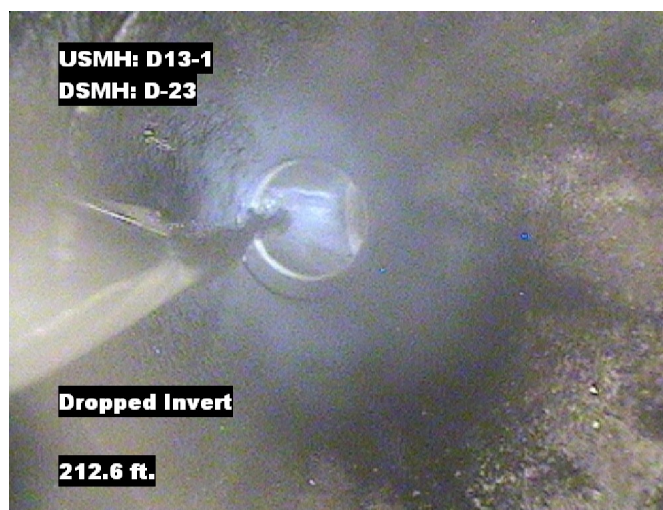
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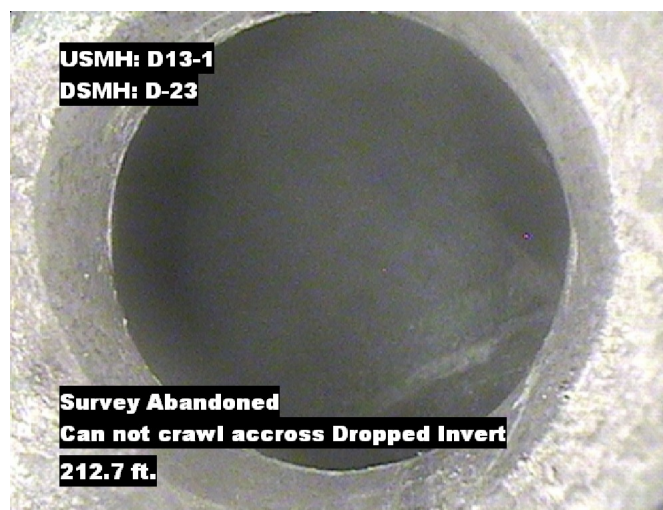
Distance: 178.9 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 199.6 ft. Grade: 5
Condition: Hole Soil Visible
Remarks: N/A



Distance: 212.6 ft. Grade: 5
Condition: Dropped Invert
Remarks: N/A



Distance: 212.7 ft. Grade: 0
Condition: Survey Abandoned
Remarks: Can not crawl across Dropped Invert



PACP Conditions

Pipe Segment Refere... D13-1_D-23	City Oliver Springs	Street Duncan Dr	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
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SPRI 5	MPRI 2	Work Order 4397-02		Purpose Pre-Rehabilitation Survey	
QSR 5200	QMR 2200	Direction Downstream		Date 20150623	Media label
OPR 14	Surveyed By Barry Rogers	Pre-Cleaning Jetting		Time 12:47	Weather Very Dry
OPRI 3.5	Certificate Number U-1012-16405	Date Cleaned 20150623		End Time 12:57	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	2	4	2	2	4
			3	0	0	3	0	0	3	0	0
			4	0	0	4	0	0	4	0	0
			5	2	10	5	0	0	5	2	10
Code	ID	Length									