



Defect Listing

Pipe Segment Refere... B4-5_B4-4	City Oliver Springs	Street Wilson	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH B4-5	Total Length 249.1	Year Laid	Shape Circular	Location Details	
DS Manhole B4-4	Length surveyed 92.2	Year Renewed	Height 8	Width 8	Pipe Joint... 4

SPR 8	MPR 4	PO Number 4397-03	Customer GRW
SPRI 2.7	MPRI 2	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR 5121	QMR 2200		
OPR 12	Surveyed By Charlie Gordon	Direction Upstream	Date 20150904
OPRI 2.4	Certificate Number U-615-07000491	Pre-Cleaning Jetting	Time 10:59
	Date Cleaned 20150904	End Time 11:10	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: B4-4									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
24.7 ft.	Hole Soil Visible				0	<input type="checkbox"/>	9	3	5
24.7 ft.	Joint Offset Large				0	<input type="checkbox"/>			2
32.5 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
51.1 ft.	Infiltration Stain				0	<input type="checkbox"/>	7	5	
61.4 ft.	Tap Factory Made Active		6		0	<input type="checkbox"/>	9		
79.1 ft.	Water Level Sag				15	<input type="checkbox"/>			2
82.3 ft.	Material Change				0	<input type="checkbox"/>			
Remarks: CP TO PVC									
86.6 ft.	Material Change				0	<input type="checkbox"/>			
Remarks: PVC TO CP									
86.6 ft.	Joint Offset Medium				0	<input type="checkbox"/>			1
91.8 ft.	Water Level Sag				15	<input type="checkbox"/>			2
92.2 ft.	Survey Abandoned				0	<input type="checkbox"/>			
Remarks: COMPLETE LINE									



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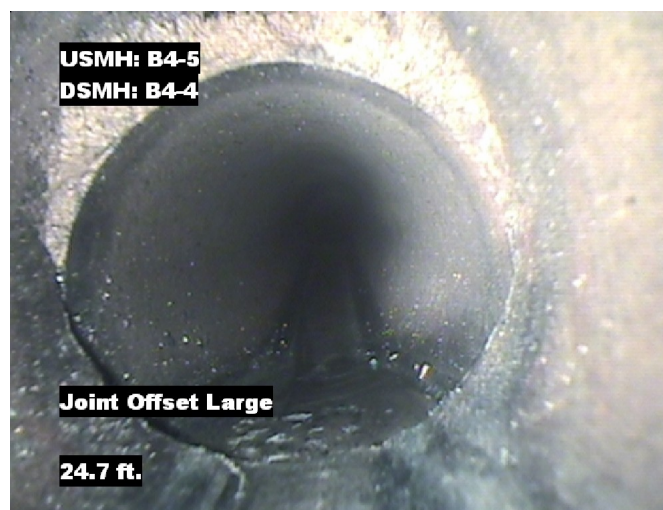
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: B4-4



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



Distance: 24.7 ft. Grade: 5
Condition: Hole Soil Visible
Remarks: N/A

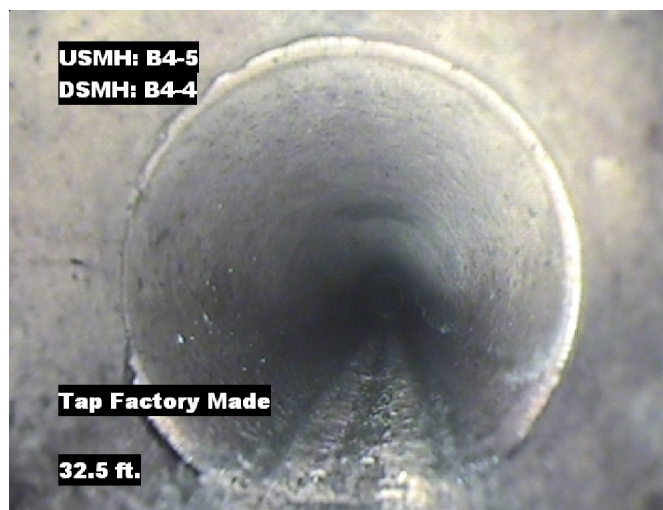


Distance: 24.7 ft. Grade: 2
Condition: Joint Offset Large
Remarks: N/A



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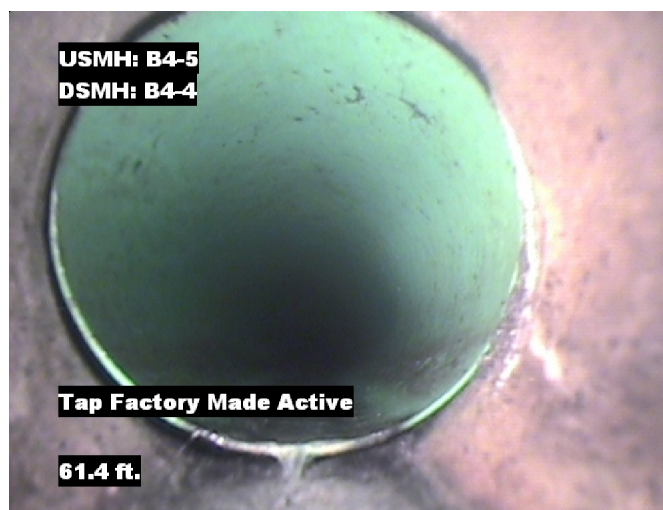
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
B4-5_B4-4	Oliver Springs	Wilson	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
B4-5	249.1		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
B4-4	92.2		8	8	4



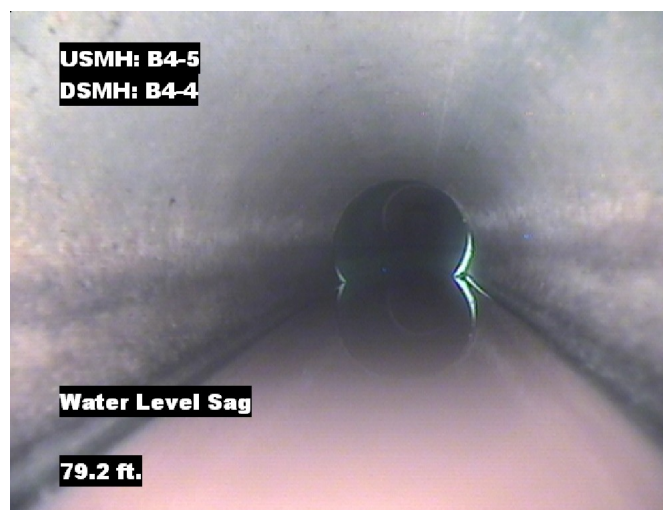
Distance: 32.5 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 51.1 ft. Grade: 0
Condition: Infiltration Stain
Remarks: N/A



Distance: 61.4 ft. Grade: 0
Condition: Tap Factory Made Active
Remarks: N/A

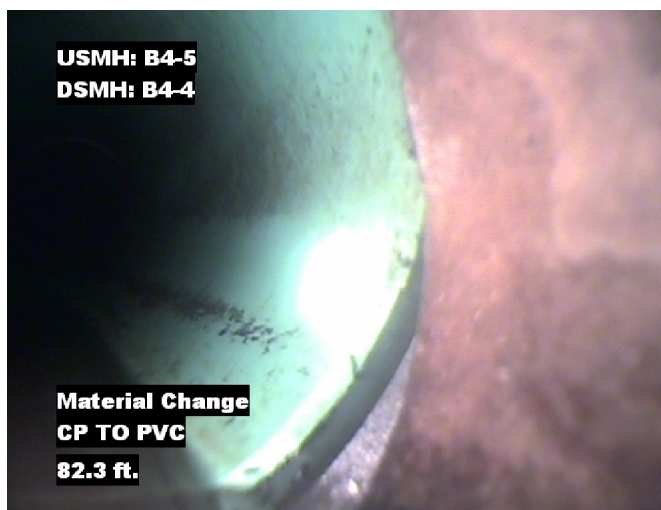


Distance: 79.1 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

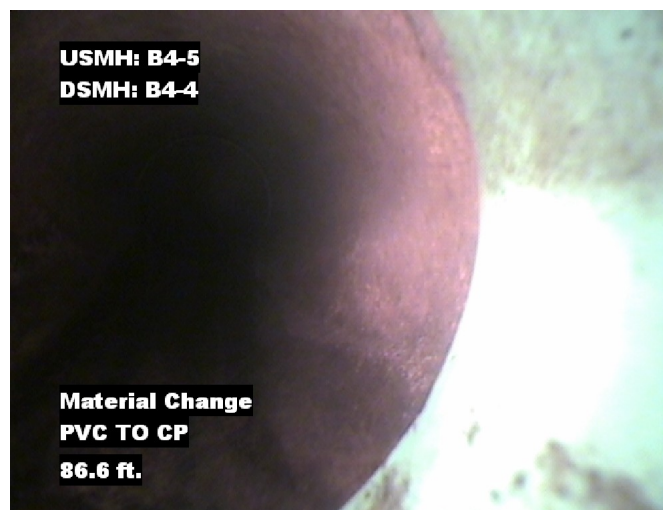


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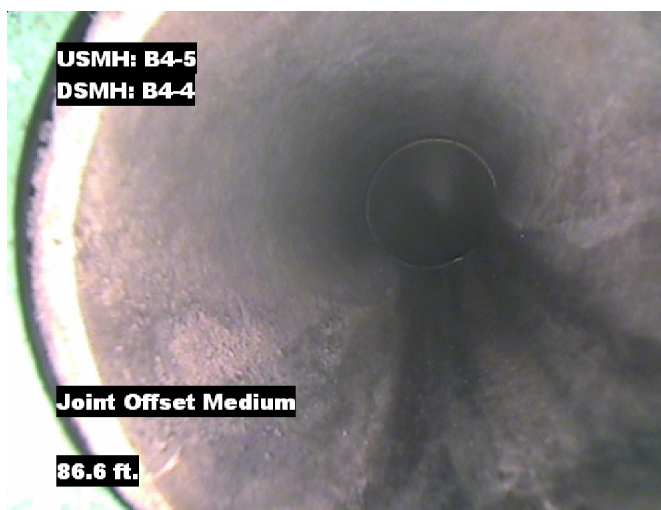
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Distance: 82.3 ft. Grade: 0
Condition: Material Change
Remarks: CP TO PVC



Distance: 86.6 ft. Grade: 0
Condition: Material Change
Remarks: PVC TO CP



Distance: 86.6 ft. Grade: 1
Condition: Joint Offset Medium
Remarks: N/A

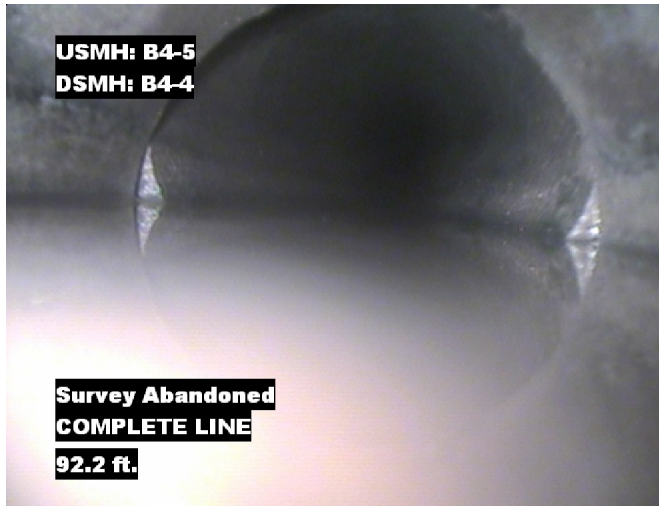


Distance: 91.8 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

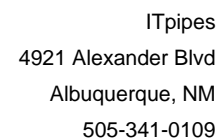


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B4-5	249.1		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
B4-4	92.2		8	8	4



Distance: 92.2 ft. Grade: 0
Condition: Survey Abandoned
Remarks: COMPLETE LINE



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SPRI 2.7	MPRI 2	Work Order 4397-02		Purpose		
QSR 5121	QMR 2200			Pre-Rehabilitation Survey		
OPR 12	Surveyed By Charlie_Gordon	Direction Upstream	Date 20150904		Media label	
OPRI 2.4	Certificate Number U-615-07000491	Pre-Cleaning Jetting	Time 10:59		Weather Dry	
Date Cleaned 20150904			End Time 11:10		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 style="text-align: center;">Continuous Defects</div>			1	1	1	1	0	0	1	1	1
			2	1	2	2	2	4	2	3	6
			3	0	0	3	0	0	3	0	0
			4	0	0	4	0	0	4	0	0
			5	1	5	5	0	0	5	1	5
			Code	ID	Length						
			Subtotals	3		Subtotals	2		Subtotals	5	
SUMMARY			Pipe Rating Structural Index Str. Quick Rating	8 2.7 5121		Pipe Rating O&M Index O&M Quick Rating	4 2.0 2200		Overall Pipe Rating Overall Index Ovrl. Quick Rating	12 2.4 5123	