



## Defect Listing

Pipe Segment Refere... <b>D2-3_D2-2</b>	City <b>Oliver Springs</b>	Street <b>Henley Cir</b>	Material <b>Concrete Pipe (non-...</b>	Location C... <b>Light High...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>D2-3</b>	Total Length <b>272.3</b>	Year Laid	Shape <b>Circular</b>	Location Details	
DS Manhole <b>D2-2</b>	Length surveyed <b>272.3</b>	Year Renewed	Height <b>8</b>	Width <b>8</b>	Pipe Joint... <b>4</b>

SPR <b>1</b>	MPR <b>8</b>	PO Number <b>4397-03</b>	Customer <b>GRW</b>
SPRI <b>1</b>	MPRI <b>2.7</b>	Work Order <b>4397-02</b>	Purpose <b>Pre-Rehabilitation Survey</b>
QSR <b>1100</b>	QMR <b>3221</b>		
OPR <b>9</b>	Surveyed By <b>Barry Rogers</b>	Direction <b>Downstream</b>	Date <b>20150707</b>
OPRI <b>2.3</b>	Certificate Number <b>U-1012-16405</b>	Pre-Cleaning <b>Jetting</b>	Time <b>14:02</b>
	Date Cleaned <b>20150707</b>	End Time <b>14:22</b>	Weather <b>Dry</b>
		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: D2-3									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
4.7 ft.	Roots Medium Joint				15	<input checked="" type="checkbox"/>	1	4	3
4.7 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
4.9 ft.	Roots Tap Barrel					<input type="checkbox"/>	3	6	3
37.1 ft.	Water Level Sag				15	<input type="checkbox"/>			2
37.8 ft.	Joint Offset Medium				0	<input type="checkbox"/>			1
110.4 ft.	Material Change				0	<input type="checkbox"/>			
Remarks: cp to pvc									
115.4 ft.	Material Change				0	<input type="checkbox"/>			
Remarks: pvc to cp									
268.5 ft.	Water Level				5	<input type="checkbox"/>			
272.3 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: D2-2									

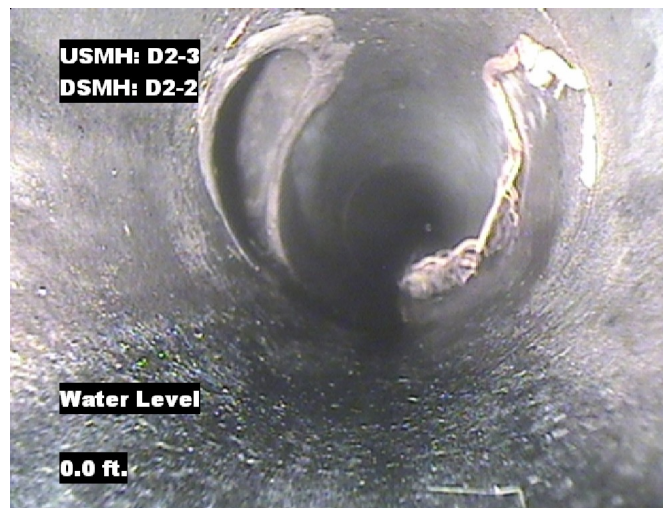


## Image Report 4/Page

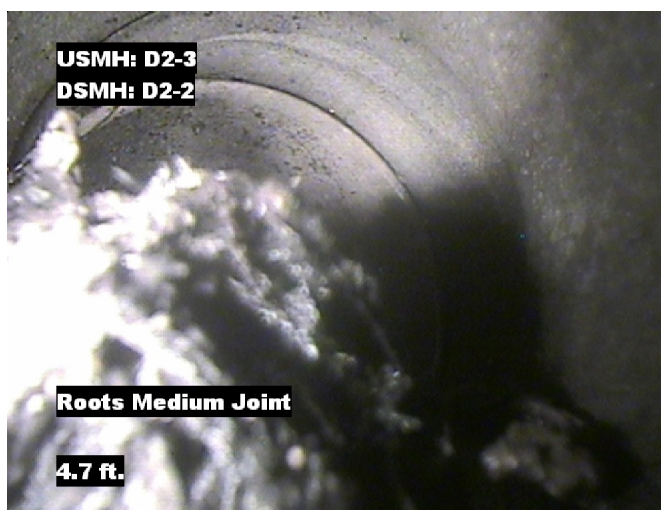
Pipe Segment Refere... <b>D2-3_D2-2</b>	City <b>Oliver Springs</b>	Street <b>Henley Cir</b>	Material <b>Concrete Pipe (non-...</b>		Location C... <b>Light High...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>D2-3</b>	Total Length <b>272.3</b>	Year Laid	Shape <b>Circular</b>		Location Details	
DS Manhole <b>D2-2</b>	Length surveyed <b>272.3</b>	Year Renewed	Height <b>8</b>	Width <b>8</b>	Pipe Joint... <b>4</b>	



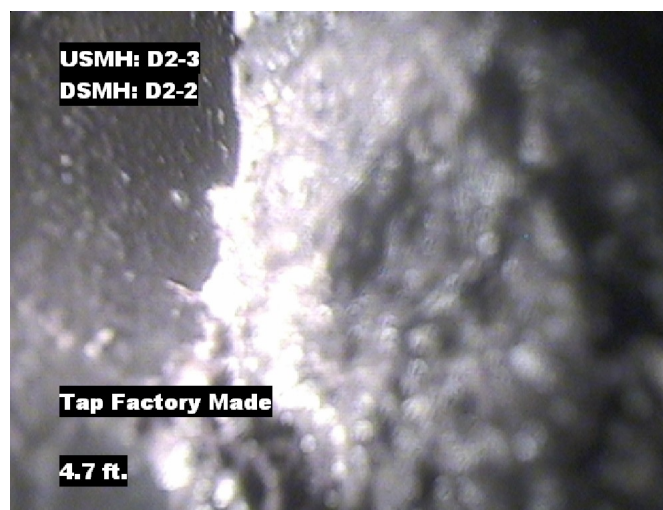
Distance: 0.0 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: D2-3



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



Distance: 4.7 ft. Grade: 3  
Condition: Roots Medium Joint  
Remarks: N/A

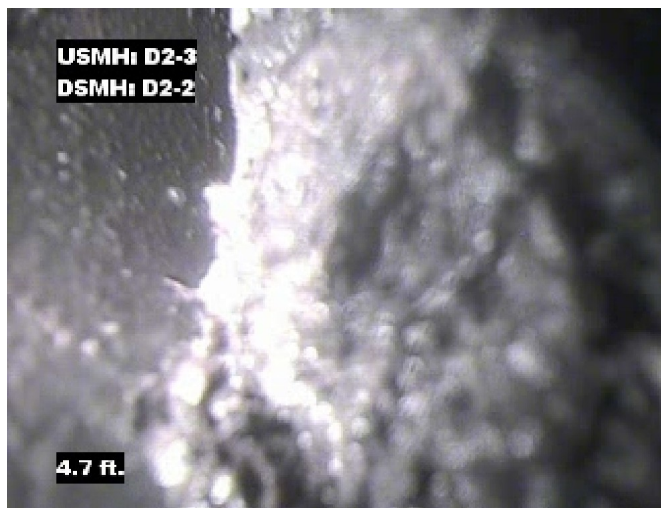


Distance: 4.7 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A

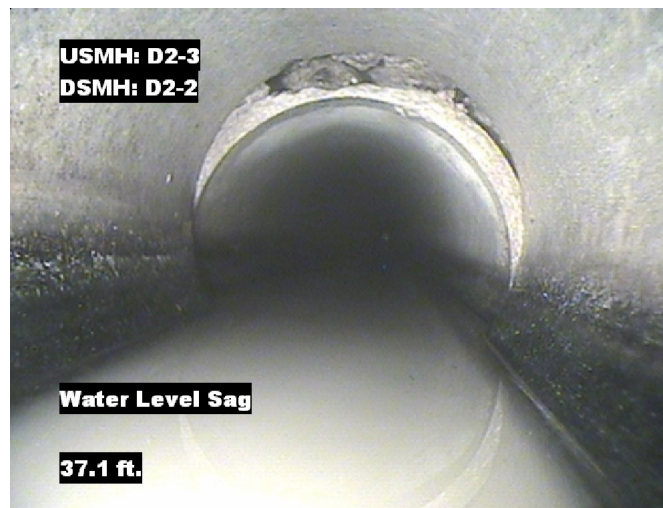


## Image Report 4/Page

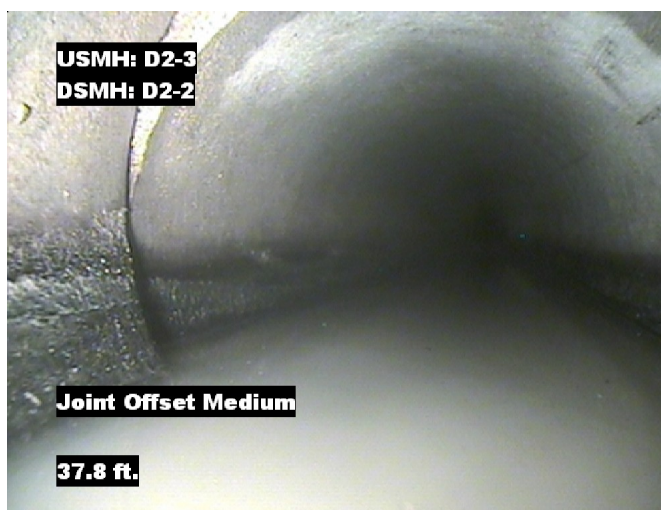
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D2-3_D2-2	Oliver Springs	Henley Cir	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D2-3	272.3		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D2-2	272.3		8	8	4



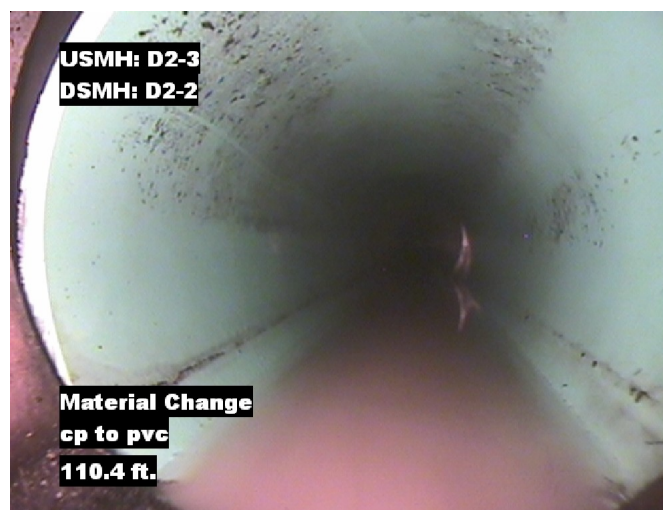
Distance: 4.9 ft. Grade: 3  
Condition: Roots Tap Barrel  
Remarks: N/A



Distance: 37.1 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



Distance: 37.8 ft. Grade: 1  
Condition: Joint Offset Medium  
Remarks: N/A



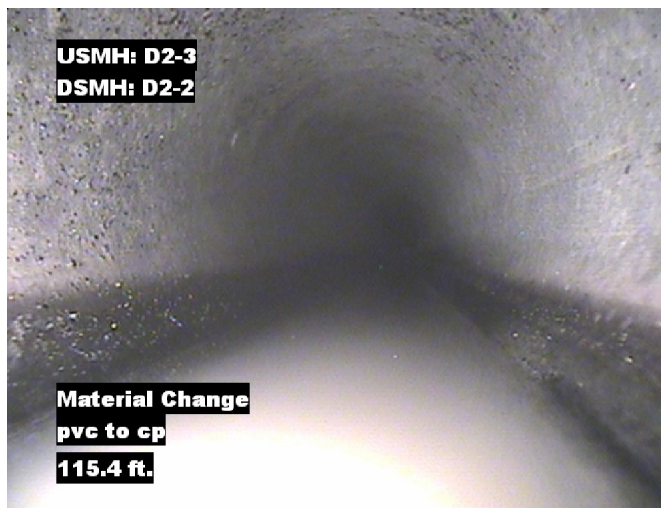
Distance: 110.4 ft. Grade: 0  
Condition: Material Change  
Remarks: cp to pvc





## Image Report 4/Page

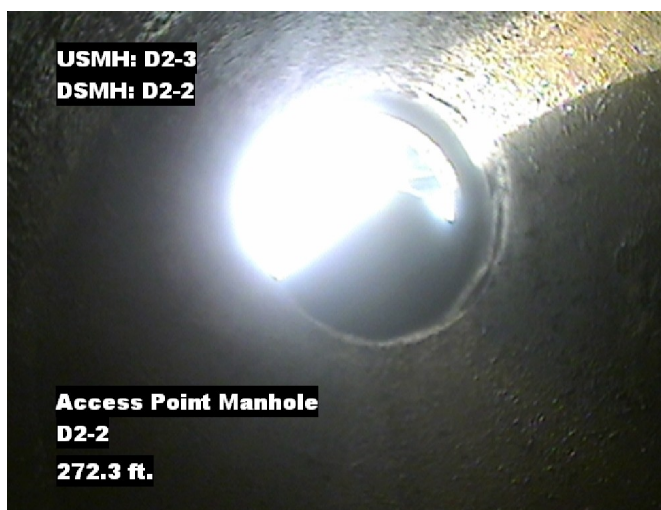
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D2-3_D2-2	Oliver Springs	Henley Cir	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D2-3	272.3		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D2-2	272.3		8	8	4



Distance: 115.4 ft. Grade: 0  
Condition: Material Change  
Remarks: pvc to cp



Distance: 268.5 ft. Grade: 0  
Condition: Water Level  
Remarks: N/A



Distance: 272.3 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: D2-2



## PACP Conditions

Pipe Segment Refere... <b>D2-3_D2-2</b>	City <b>Oliver Springs</b>	Street <b>Henley Cir</b>	Material <b>Concrete Pipe (non-...</b>	Location C... <b>Light High...</b>	Sewer Use <b>Sanitary</b>
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SPR <b>1</b>	MPR <b>8</b>	PO Number <b>4397-03</b>		Customer <b>GRW</b>	
SPRI <b>1</b>	MPRI <b>2.7</b>	Work Order <b>4397-02</b>		Purpose <b>Pre-Rehabilitation Survey</b>	
QSR <b>1100</b>	QMR <b>3221</b>				
OPR <b>9</b>	Surveyed By <b>Barry Rogers</b>	Direction <b>Downstream</b>	Date <b>20150707</b>	Media label	
OPRI <b>2.3</b>	Certificate Number <b>U-1012-16405</b>	Pre-Cleaning <b>Jetting</b>	Time <b>14:02</b>	Weather <b>Dry</b>	
Date Cleaned <b>20150707</b>			End Time <b>14:22</b>	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											
			1	1	1	1	0	0	1	1	1
			2	0	0	2	1	2	2	1	2
			3	0	0	3	2	6	3	2	6
			4	0	0	4	0	0	4	0	0
			5	0	0	5	0	0	5	0	0
Continuous Defects											
Code	ID	Length									
			Subtotals	1		Subtotals	3		Subtotals	4	
SUMMARY			Pipe Rating	1	Pipe Rating	8	Overall Pipe Rating	9			
			Structural Index	1.0	O&M Index	2.7	Overall Index	2.3			
			Str. Quick Rating	1100	O&M Quick Rating	3221	Ovrl. Quick Rating	3221			