



## Defect Listing

Pipe Segment Refere... <b>A-26_A-25</b>	City <b>Oliver Springs</b>	Street <b>Old harriman highwa...</b>	Material <b>Fibreglass Reinforc...</b>	Location C... <b>Easement/R...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>A-26</b>	Total Length <b>345.5</b>	Year Laid	Shape <b>Circular</b>	Location Details	
DS Manhole <b>A-25</b>	Length surveyed <b>345.5</b>	Year Renewed	Height <b>15</b>	Width <b>15</b>	Pipe Joint... <b>N/A</b>

SPR <b>N/A</b>	MPR <b>24</b>	PO Number <b>4397-03</b>	Customer <b>GRW</b>
SPRI <b>N/A</b>	MPRI <b>2.2</b>	Work Order <b>4397-02</b>	Purpose <b>Pre-Rehabilitation Survey</b>
QSR <b>N/A</b>	QMR <b>412A</b>		
OPR <b>24</b>	Surveyed By <b>Charlie Gordon</b>	Direction <b>Downstream</b>	Date <b>20151014</b>
OPRI <b>2.2</b>	Certificate Number <b>U-615-07000491</b>	Pre-Cleaning <b>No Pre-Cleaning</b>	Time <b>10:31</b>
	Date Cleaned	End Time <b>10:50</b>	Weather <b>Damp</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: A-26									
0.0 ft.	Water Level				10	<input type="checkbox"/>			
95.6 ft.	Water Level Sag				30	<input type="checkbox"/>			2
156.0 ft.	Water Level Sag	S01			30	<input type="checkbox"/>			2
161.1 ft.	Camera Underwater				0	<input type="checkbox"/>			4
174.7 ft.	Water Level Sag	F01			30	<input type="checkbox"/>			2
184.1 ft.	Water Level				10	<input type="checkbox"/>			
225.3 ft.	Water Level Sag	S02			30	<input type="checkbox"/>			2
238.8 ft.	Water Level Sag	F02			30	<input type="checkbox"/>			2
298.9 ft.	Deposits Attached Grease				5	<input type="checkbox"/>	12		2
306.0 ft.	Deposits Attached Ragging				5	<input type="checkbox"/>	12		2
342.7 ft.	Water Level				5	<input type="checkbox"/>			
345.5 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: A-25									



## Image Report 4/Page

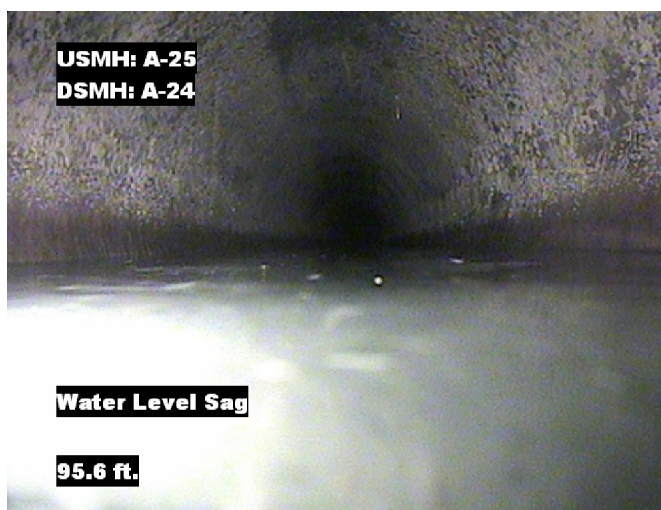
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A-26_A-25	Oliver Springs	Old harriman highwa...	Fibreglass Reinforc...	Easement/R...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A-26	345.5		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A-25	345.5		15	15	N/A



Distance: 0.0 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: A-26



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



Distance: 95.6 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



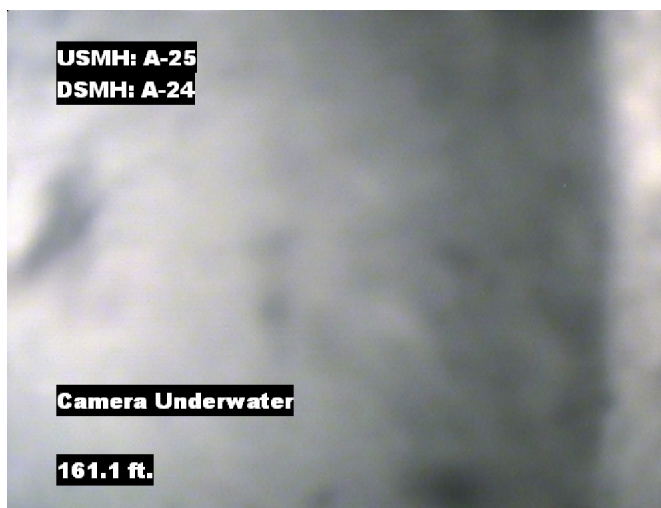
Distance: 156.0 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A





## Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A-26_A-25	Oliver Springs	Old harriman highwa...	Fibreglass Reinforc...	Easement/R...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A-26	345.5		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A-25	345.5		15	15	N/A



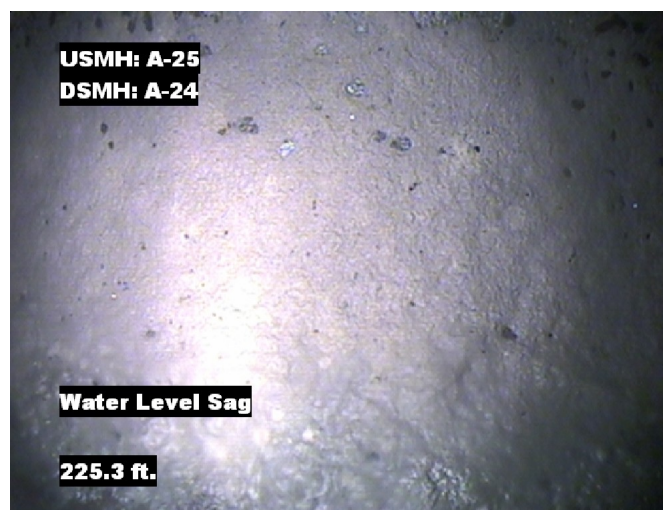
Distance: 161.1 ft. Grade: 4  
Condition: Camera Underwater  
Remarks: N/A



Distance: 174.7 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



Distance: 184.1 ft. Grade: 0  
Condition: Water Level  
Remarks: N/A



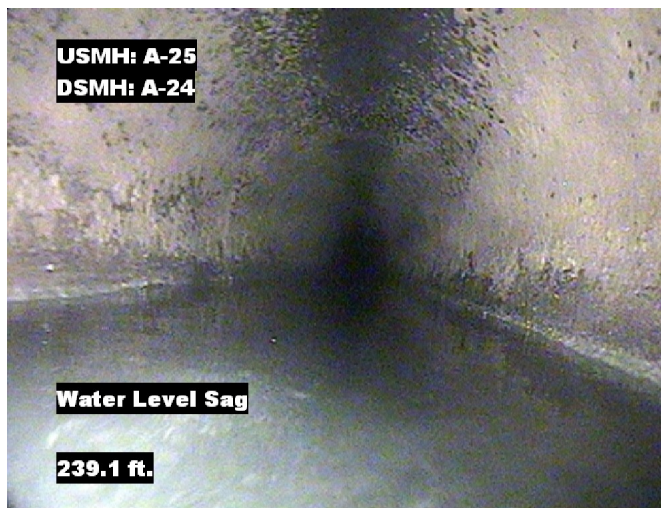
Distance: 225.3 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A





## Image Report 4/Page

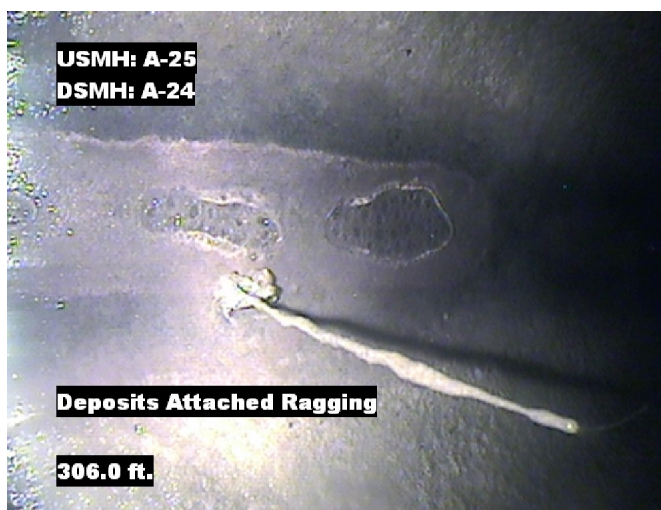
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A-26_A-25	Oliver Springs	Old harriman highwa...	Fibreglass Reinforc...	Easement/R...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A-26	345.5		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A-25	345.5		15	15	N/A



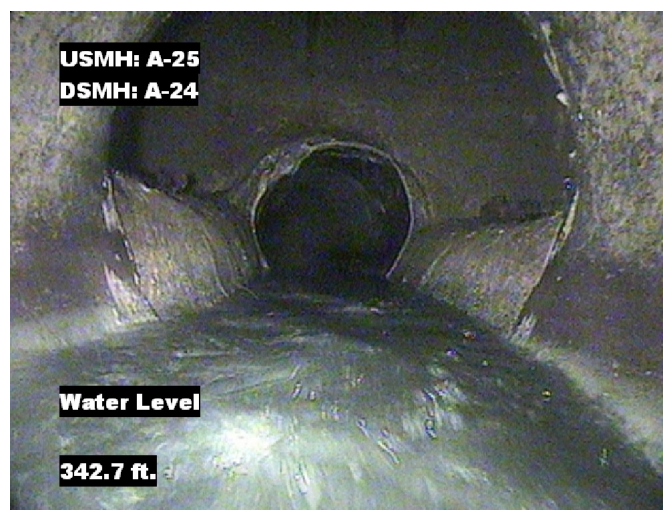
Distance: 238.8 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



Distance: 298.9 ft. Grade: 2  
Condition: Deposits Attached Grease  
Remarks: N/A



Distance: 306.0 ft. Grade: 2  
Condition: Deposits Attached Ragging  
Remarks: N/A



Distance: 342.7 ft. Grade: 0  
Condition: Water Level  
Remarks: N/A



## Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
<b>A-26_A-25</b>	<b>Oliver Springs</b>	<b>Old harriman highwa...</b>	<b>Fibreglass Reinforc...</b>	<b>Easement/R...</b>	<b>Sanitary</b>
Upstream MH	Total Length	Year Laid	Shape	Location Details	
<b>A-26</b>	<b>345.5</b>		<b>Circular</b>		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
<b>A-25</b>	<b>345.5</b>		<b>15</b>	<b>15</b>	<b>N/A</b>



Distance: 345.5 ft.      Grade: 0  
Condition: Access Point Manhole  
Remarks: A-25



Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
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A-25	345.5		15	15	N/A
SPR	N/A	MPR	24	Customer	
SPRI	N/A	MPRI	2.2	GRW	
QSR	N/A	QMR	412A	Purpose	
			4397-02	Pre-Rehabilitation Survey	
OPR	Surveyed By	Direction	Date	Media label	
24	Charlie_Gordon	Downstream	20151014		
OPRI	Certificate Number	Pre-Cleaning	Time	Weather	
2.2	U-615-07000491	No Pre-Cleaning	10:31	Damp	
Date Cleaned			End Time	Additional Info	
			10:50		

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	3	6	2	3	6
			3	0	0	3	0	0	3	0	0
			4	0	0	4	1	4	4	1	4
			5	0	0	5	0	0	5	0	0
Code	ID	Length	0	0	0	2	4	8	2	4	8
MWLS	F01	18.7									
MWLS	F02	13.5									
			Subtotals	0		Subtotals	11		Subtotals	11	
SUMMARY			Pipe Rating		0	Pipe Rating		24	Overall Pipe Rating		24
			Structural Index		0	O&M Index		2.2	Overall Index		2.2
			Str. Quick Rating		0000	O&M Quick Rating		412A	Ovrl. Quick Rating		412A