

Inspection report

Date: 7/14/2025	Work Order:	Weather:	Surveyed By: Walker	Certificate Number: U0218070300337	Pipe Segment Ref.: 000047-000041
Year laid:	Pre-cleaning: No Pre-Cleaning	Direction: Downstream	Pipe Joint Length:	Total Length: 97.4 '	Length Surveyed: 97.4 '

City: Alexandria	Drainage Area:	Upstream MH: 000047
Street: King St	Media Label:	Up Rim to Invert:
Location Code: Secondary roads, non-numbered suburban/rural	Flow Control:	Downstream MH: 000041
Location Details:	Sheet Number:	Down Rim to Invert:
Pipe shape: Circular	Sewer Use: Sanitary Sewage Pipe	Total gallons used: 0.0
Pipe size: 12 "	Sewer Category: SEC	Joints passed: 0
Pipe material: Reinforced Concrete Pipe	Purpose:	Joints failed: 0
Lining Method:	Owner:	
Additional Info: Pipe has been lined		

1:735	Distance	Code	Observation	Counter	Photo	Grade
	0.0	AMH	Manhole / 000047	00:00:00	1	
	0.0	MWL	Water Level, 5% of the vertical dimension	00:00:12	2	
	11.1	S01	LFDL Lining Feature Delaminating at 3 o'clock, Start	00:01:12	3	
	22.9	S02	DSGV Deposits Settled Gravel, 5% of cross sectional area at 6 o'clock, Start	00:02:15	4	
	56.2	S03	SSS Surface Damage Spalling from 7 o'clock to 5 o'clock, Start	00:04:05	5	
	59.3	F03	SSS Surface Damage Spalling from 7 o'clock to 5 o'clock, Finish	00:04:36		S2
	59.3	S04	LFDC Lining Feature Discoloration from 7 o'clock to 5 o'clock, Start	00:04:39	6	
	63.5	F01	LFDL Lining Feature Delaminating at 3 o'clock, Finish	00:05:03		S3
	63.5	MWL	Water Level, 20% of the vertical dimension	00:05:07	7	
	72.4	OBR	Obstruction Rocks, 5% of cross sectional area at 6 o'clock	00:05:38	8	M2
	95.5	F02	DSGV Deposits Settled Gravel, 5% of cross sectional area at 6 o'clock, Finish	00:06:44		M2
	95.5	F04	LFDC Lining Feature Discoloration from 7 o'clock to 5 o'clock, Finish	00:06:48		S3
	95.5	MWL	Water Level, 5% of the vertical dimension	00:06:53	9	
	97.4	AMH	Manhole / 000041	00:07:19	10	
QSR	QMR	QOR	SPR	MPR	OPR	SPRI
3B21	2B00	3B2B	53.0	32.0	85.0	2.9
						MPRI
						OPRI
						2.0
						2.5

Section Pictures - 7/14/2025 - 000047-000041

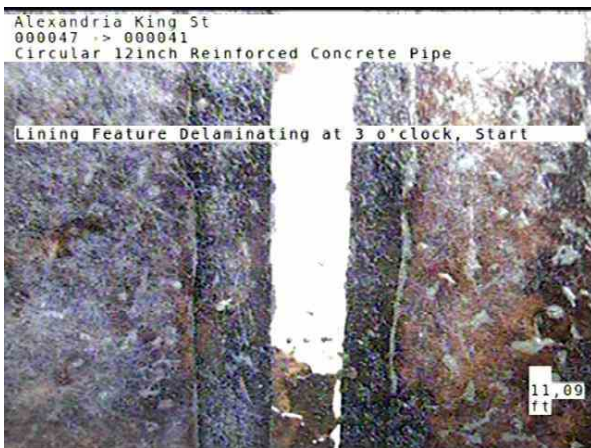
City Alexandria	Street King St	Date 7/14/2025	Lateral Segment Reference 000047-000041	Section No. 2
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1, 00:00:00, 0.00ft
Manhole / 000047



2, 00:00:12, 0.00ft
Water Level, 5% of the vertical dimension



3, 00:01:12, 11.09ft
Lining Feature Delaminating at 3 o'clock, Start



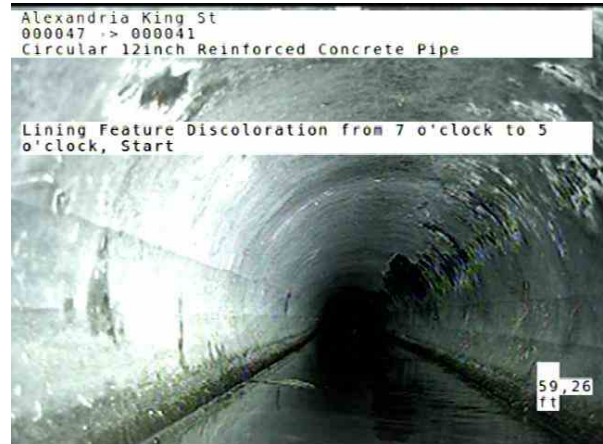
4, 00:02:15, 22.91ft
Deposits Settled Gravel, 5% of cross sectional area at 6 o'clock, Start

Section Pictures - 7/14/2025 - 000047-000041

City Alexandria	Street King St	Date 7/14/2025	Lateral Segment Reference 000047-000041	Section No. 2
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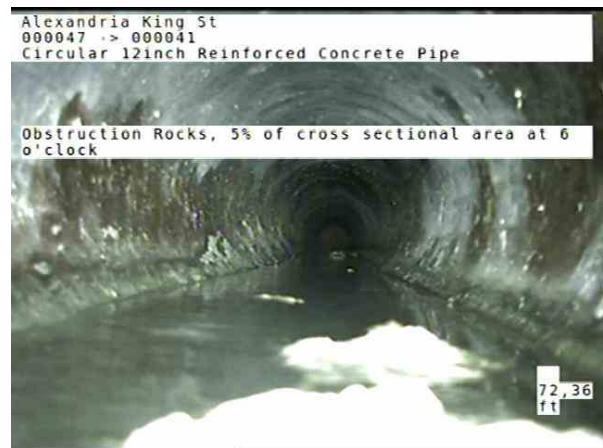
5, 00:04:05, 56.17ft
Surface Damage Spalling from 7 o'clock to 5 o'clock, Start



6, 00:04:39, 59.26ft
Lining Feature Discoloration from 7 o'clock to 5 o'clock, Start



7, 00:05:07, 63.47ft
Water Level, 20% of the vertical dimension



8, 00:05:38, 72.36ft
Obstruction Rocks, 5% of cross sectional area at 6 o'clock

Section Pictures - 7/14/2025 - 000047-000041

City Alexandria	Street King St	Date 7/14/2025	Lateral Segment Reference 000047-000041	Section No. 2
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9, 00:06:53, 95.46ft
Water Level, 5% of the vertical dimension



10, 00:07:19, 97.38ft
Manhole / 000041

Inspection report

Date: 7/14/2025	Work Order:	Weather:	Surveyed By: Walker	Certificate Number: U0218070300337	Pipe Segment Ref.: 007531-006571
Year laid:	Pre-cleaning: No Pre-Cleaning	Direction: Upstream	Pipe Joint Length:	Total Length: 66.7'	Length Surveyed: 66.7'

City: Alexandria	Drainage Area:	Upstream MH: 007531
Street: King St	Media Label:	Up Rim to Invert:
Location Code: Secondary roads, non-numbered suburban/rural	Flow Control:	Downstream MH: 006571
Location Details:	Sheet Number:	Down Rim to Invert:
Pipe shape: Circular	Sewer Use: Sanitary Sewage Pipe	Total gallons used: 0.0
Pipe size: 18"	Sewer Category: SEC	Joints passed: 0
Pipe material: Cast Iron	Purpose:	Joints failed: 0
Lining Method:	Owner:	

Additional Info:

1:504	Distance	Code	Observation	Counter	Photo	Grade		
<div>006571</div>	0.0	AMH	Manhole / 1B	00:00:00	1			
	0.0	MWL	Water Level, 5% of the vertical dimension	00:00:11	2			
	39.7	JSM	Joint Separated Medium	00:02:34	3	S3		
	59.8	SCP	Surface Damage Corrosion from 12 o'clock to 12 o'clock, within 8 inch	00:03:32	4	S3		
	65.1	RPZ	Point Repair Other / pipe seal visible, appears to have been repaired, slight deformation	00:04:24	5			
	66.7	AMH	Manhole / 1A	00:05:03	6			
007531								
QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3200	0000	3200	6.0	0.0	6.0	3.0	0.0	3.0

Section Pictures - 7/14/2025 - 007531-006571

City Alexandria	Street King St	Date 7/14/2025	Lateral Segment Reference 007531-006571	Section No. 1
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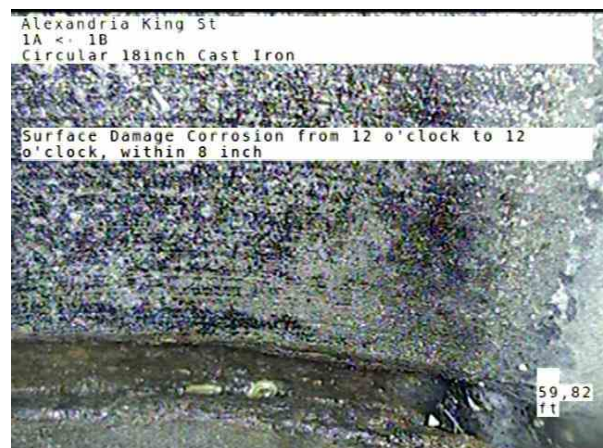
1, 00:00:00, 0.00ft
Manhole / 1B



2, 00:00:11, 0.00ft
Water Level, 5% of the vertical dimension



3, 00:02:34, 39.74ft
Joint Separated Medium



4, 00:03:32, 59.82ft
Surface Damage Corrosion from 12 o'clock to 12 o'clock, within 8 inch

Section Pictures - 7/14/2025 - 007531-006571

City Alexandria	Street King St	Date 7/14/2025	Lateral Segment Reference 007531-006571	Section No. 1
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5, 00:04:24, 65.07ft
Point Repair Other / pipe seal visible, appears to have been repaired, slight deformation



6, 00:05:03, 66.67ft
Manhole / 1A