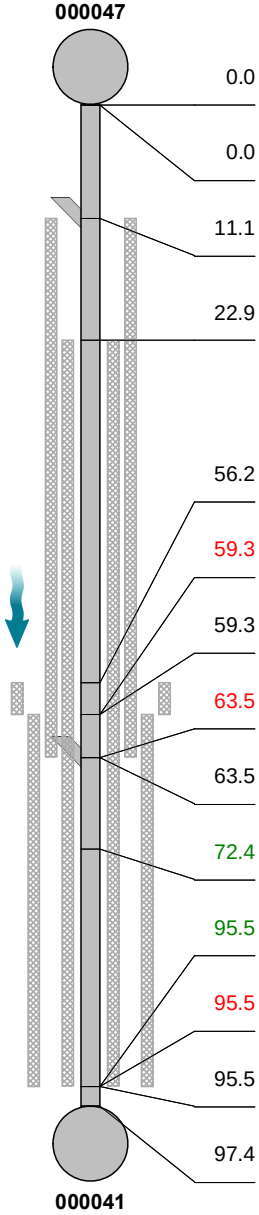
AECOM

Inspection report

Date:	Work Order:	Weather:	Surveyed By:	Certificate Number:	Pipe Segment Ref.:
7/14/2025			**Walker**	**U0218070300337**	**000047-000041**
Year laid:	Pre-cleaning:	Direction:	Pipe Joint Length:	Total Length:	Length Surveyed:
	No Pre-Cleaning	**Downstream**		**97.4 '**	**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:	**Ductile Iron 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	MPRI	OPRI
3B21	2B00	3B2B	53.0	32.0	85.0	2.9	2.0	2.5

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

City	Street	Date	Lateral Segment Reference	Section No.
Alexandria	**King St**	**7/14/2025**	**000047-000041**	**2**



1, 00:00:00, 0.00ft
Manhole / 000047



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



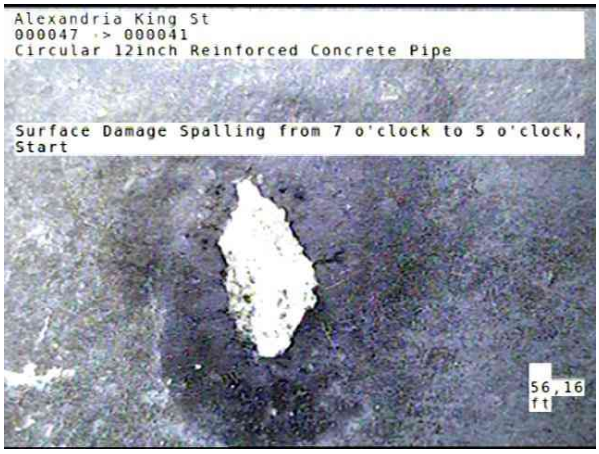
3, 00:01:12, 11.09ft
Lining Feature Delaminating at 3 o'clock, Start



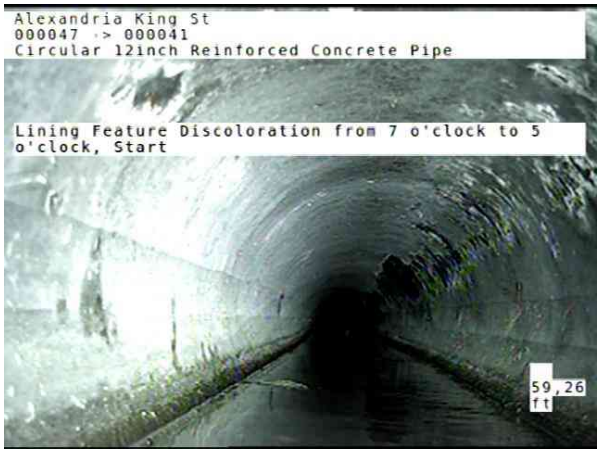
4, 00:02:15, 22.91ft
Deposits Settled Gravel, 5% of cross sectional area at 6 o'clock, Start

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

City	Street	Date	Lateral Segment Reference	Section No.
Alexandria	**King St**	**7/14/2025**	**000047-000041**	**2**



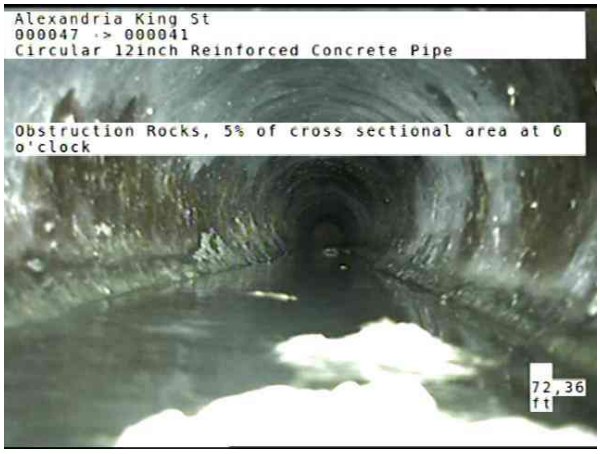
5, 00:04:05, 56.17ft
Surface Damage Spalling from 7 o'clock to 5 o'clock, Start



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	Street	Date	Lateral Segment Reference	Section No.
Alexandria	**King St**	**7/14/2025**	**000047-000041**	**2**



9, 00:06:53, 95.46ft
Water Level, 5% of the vertical dimension



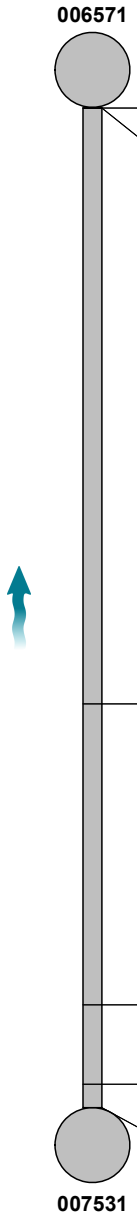
10, 00:07:19, 97.38ft
Manhole / 000041

AECOM

Inspection report

Date:	Work Order:	Weather:	Surveyed By:	Certificate Number:	Pipe Segment Ref.:
7/14/2025			**Walker**	**U0218070300337**	**007531-006571**
Year laid:	Pre-cleaning:	Direction:	Pipe Joint Length:	Total Length:	Length Surveyed:
	No Pre-Cleaning	**Upstream**		**66.7 '**	**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:	**Ductile Iron Pipe**	Purpose:		Joints failed:	**0**
Lining Method:		Owner:			
Additional Info:					

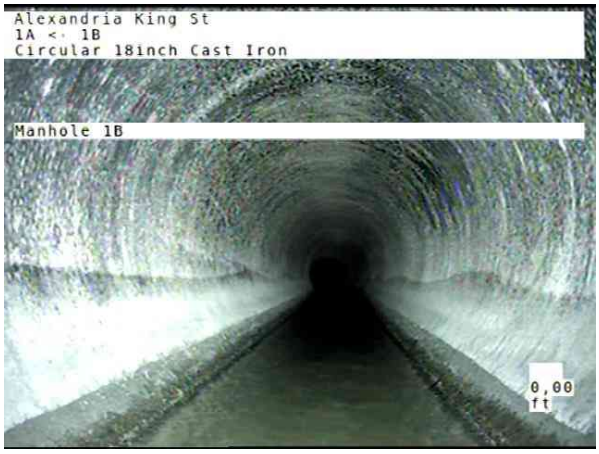


1:504	Distance	Code	Observation	Counter	Photo	Grade
	0.0	AMH	Manhole / 1B	00:00:00	1	
	0.0	MWL	Water Level, 5% of the vertical dimension	00:00:11	2	
	39.7	JSM	Joint Separated Medium	00:02:34	3	S3
	59.8	SCP	Surface Damage Corrosion from 12 o'clock to 12 o'clock, within 8 inch	00:03:32	4	S3
	65.1	RPZ	Point 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	

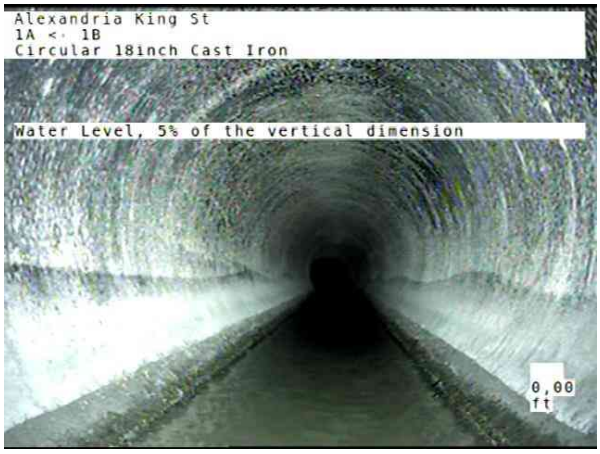
QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3200	0000	3200	6.0	0.0	6.0	3.0	0.0	3.0

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

City	Street	Date	Lateral Segment Reference	Section No.
Alexandria	**King St**	**7/14/2025**	**007531-006571**	**1**



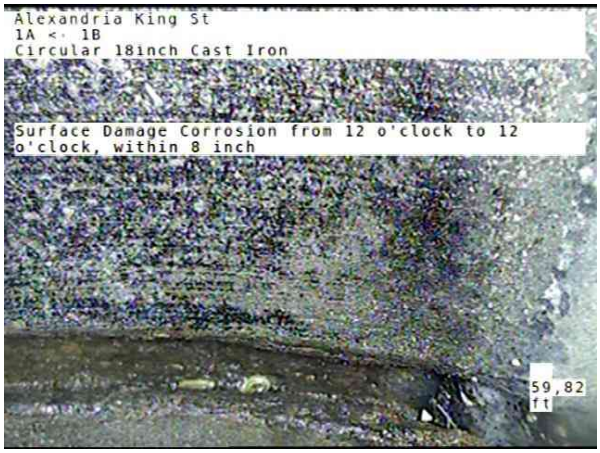
1, 00:00:00, 0.00ft
Manhole / 1B



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



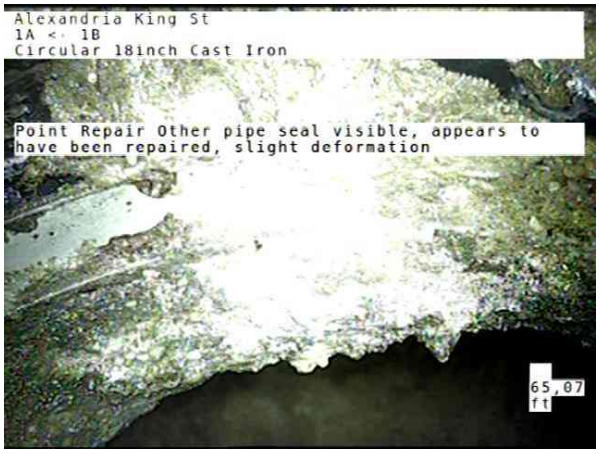
3, 00:02:34, 39.74ft
Joint Separated Medium



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	Street	Date	Lateral Segment Reference	Section No.
Alexandria	**King St**	**7/14/2025**	**007531-006571**	**1**



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