

Profile/Photo Observation Report



Date:	03/27/2024	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	210.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:		Surveyor:	S. Bucklin	PSR:	P-603-001-049
Customer:	City of Hobart	Clean Date:	03/25/2024	Shape:	C

Street:	W 39TH PL	Flow Control:	De-watered Using Jetter
City:	Hobart, IN	Year Renewed:	
Location:	Easement/Right of Way	Tape/Media #:	
Purpose:	Sewer System Evaluation Survey (SS)	Dia/Height:	10"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-603-001	DS MH:	M-604-049
		Total Length Surveyed (ft):	228.2

O&M Index:	1.81	O&M Quick:	5145	O&M Rating:	94.00
Structural Index:	2.88	Structural Quick:	574A	Structural Rating:	144.00
Overall Index:	2.33	Overall Quick:	584B	Overall Rating:	238.00

	Position	Code	Observation	Video (sec)	Grade
M-603-001					
	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	75	NA
	1.0	FM	Fracture Multiple	140	S 4
	1.5	MGO	Miscellaneous General Observation	164	NA
	4.1	MWLS	Miscellaneous Water Level Sag	184	S 2
	6.4	RFJ	Roots Fine Joint	234	M 1
	6.4	DAE	Deposits Attached Encrustation	246	M 2
	10.6	H	Hole	285	S 4
	10.6	RFB	Roots Fine Barrel	292	M 2
	11.3	B	Broken	366	S 4
	11.3	RFJ	Roots Fine Joint	378	M 1
	11.3	IWJ	Infiltration Weeper Joint	401	M 2
	11.5	ISB	Infiltration Stain Barrel	418	M 1
	16.2	B	Broken	468	S 4
	16.2	IRJ	Infiltration Runner Joint	479	M 4
	16.2	RFB	Roots Fine Barrel	490	M 2
	16.2	DAE	Deposits Attached Encrustation	532	M 2
	16.2	RFJ	Roots Fine Joint	542	M 1
	18.5	MWLS(S01)	Miscellaneous Water Level Sag	569	S 2

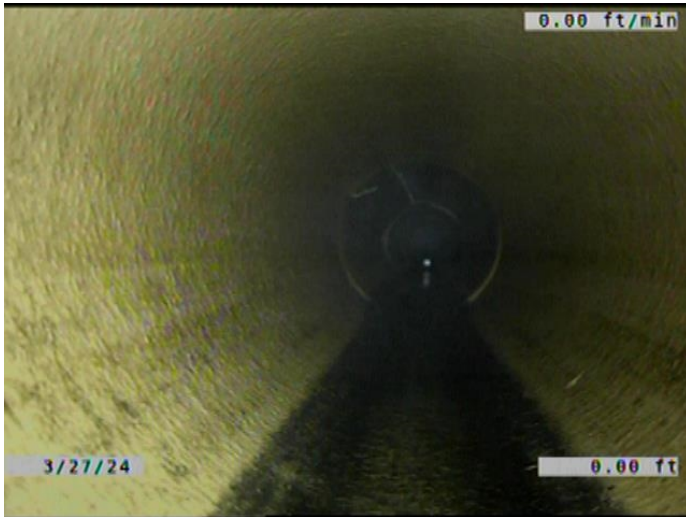
21.3	IRB	Infiltration Runner Barrel	603	M 4
21.3	B	Broken	665	S 4
21.3	DAE	Deposits Attached Encrustation	684	M 2
21.3	RFJ	Roots Fine Joint	694	M 1
30.2	MWLS(F01)	Miscellaneous Water Level Sag	779	S 2
31.3	ISB	Infiltration Stain Barrel	853	M 1
31.3	FM	Fracture Multiple	870	S 4
31.3	RFJ	Roots Fine Joint	894	M 1
36.3	RFJ	Roots Fine Joint	996	M 1
36.3	B	Broken	1030	S 4
41.3	IWB	Infiltration Weeper Barrel	1075	M 2
41.3	B	Broken	1146	S 4
41.3	RFJ	Roots Fine Joint	1158	M 1
41.4	RFB	Roots Fine Barrel	1184	M 2
48.1	MWLS(S02)	Miscellaneous Water Level Sag	1225	S 2
51.2	RFJ	Roots Fine Joint	1277	M 1
61.2	RFJ	Roots Fine Joint	1379	M 1
61.2	IDJ	Infiltration Dripper Joint	1389	M 3
66.3	RFJ	Roots Fine Joint	1466	M 1
70.2	MWLS(F02)	Miscellaneous Water Level Sag	1495	S 2
71.3	BSV	Broken Soil Visible	1572	S 5
71.3	SMW	Surface Damage Missing Wall	1591	S 5
71.3	RFJ	Roots Fine Joint	1611	M 1
71.3	JAM	Joint Angular Medium	1622	S 3
71.3	IRJ	Infiltration Runner Joint	1637	M 4
71.3	LD	Line Down	1650	M 1
71.3	MWLS(S03)	Miscellaneous Water Level Sag	1659	S 2
85.3	DR(S05)	Deformed Rigid	1836	S 4
86.8	ISB	Infiltration Stain Barrel	1860	M 1
86.8	RFB(S06)	Roots Fine Barrel	1872	M 2
88.7	IRC	Infiltration Runner Connection	1910	M 4
89.2	TBI	Tap Break-in Intruding	1947	M 2
89.8	MGO	Miscellaneous General Observation	2010	NA
91.4	DR(F05)	Deformed Rigid	2037	S 4
91.4	RFB(F06)	Roots Fine Barrel	2045	M 2
94.9	ISB	Infiltration Stain Barrel	2104	M 1
96.5	RFJ	Roots Fine Joint	2166	M 1
96.5	IWJ	Infiltration Weeper Joint	2176	M 2
100.6	MWLS(F03)	Miscellaneous Water Level Sag	2219	S 2
101.6	DR(S08)	Deformed Rigid	2234	S 5
103.4	ISB	Infiltration Stain Barrel	2254	M 1
104.4	IWB(S09)	Infiltration Weeper Barrel	2279	M 2

109.9	MWLS(S10)	Miscellaneous Water Level Sag	2323	S 2
120.3	ISB	Infiltration Stain Barrel	2399	M 1
120.3	RFB	Roots Fine Barrel	2412	M 2
120.3	IDB	Infiltration Dripper Barrel	2429	M 3
124.8	DR(F08)	Deformed Rigid	2494	S 5
124.8	IWB(F09)	Infiltration Weeper Barrel	2503	M 2
151.4	MWLS(F10)	Miscellaneous Water Level Sag	2638	S 2
151.9	ISJ	Infiltration Stain Joint	2667	M 1
151.9	RFJ	Roots Fine Joint	2687	M 1
167.2	MWLS(S11)	Miscellaneous Water Level Sag	2770	S 2
181.7	MWLS(F11)	Miscellaneous Water Level Sag	2831	S 2
190.4	MWLS(S12)	Miscellaneous Water Level Sag	2871	S 2
197.3	RFJ	Roots Fine Joint	2929	M 1
197.3	DAE	Deposits Attached Encrustation	2942	M 2
202.4	DAE	Deposits Attached Encrustation	3043	M 2
202.4	RFJ	Roots Fine Joint	3063	M 1
207.3	RFJ	Roots Fine Joint	3122	M 1
212.4	RFJ	Roots Fine Joint	3195	M 1
212.4	DAE	Deposits Attached Encrustation	3205	M 2
216.3	B(S13)	Broken	3259	S 4
224.9	IGB	Infiltration Gusher Barrel	3355	M 5
224.9	RMB	Roots Medium Barrel	3374	M 4
226.7	MWLS(F12)	Miscellaneous Water Level Sag	3412	S 2
227.8	B(F13)	Broken	3427	S 4
228.2	AMH	Manhole	3489	NA

M-604-049

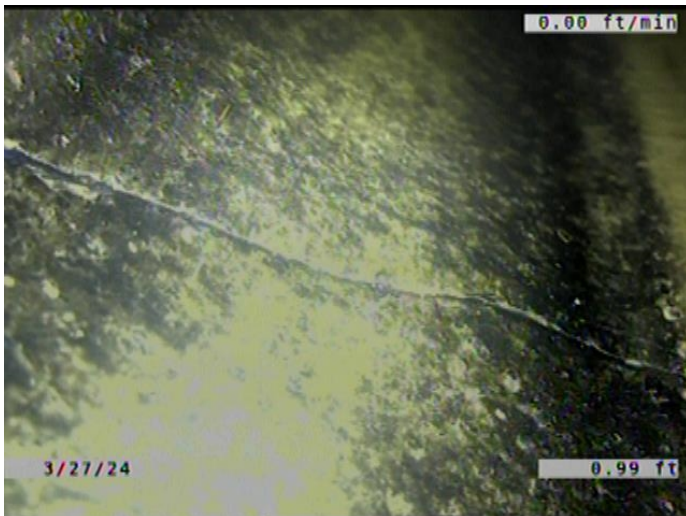


Code:	AMH
Description:	Manhole
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	M-603-001



Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

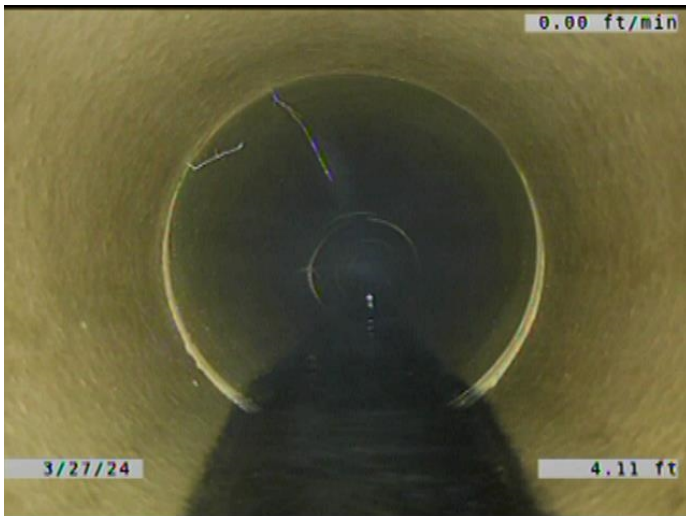


Code: **FM**
Description: **Fracture Multiple**

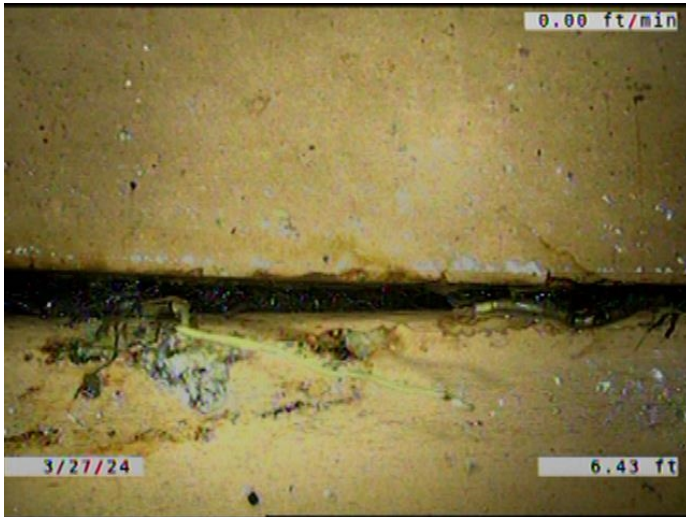
Distance (ft): **1.0**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code:	MGO
Description:	Miscellaneous General Observation
Distance (ft):	1.5
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	BACK UP CAMERA OF THE MANHOLE.

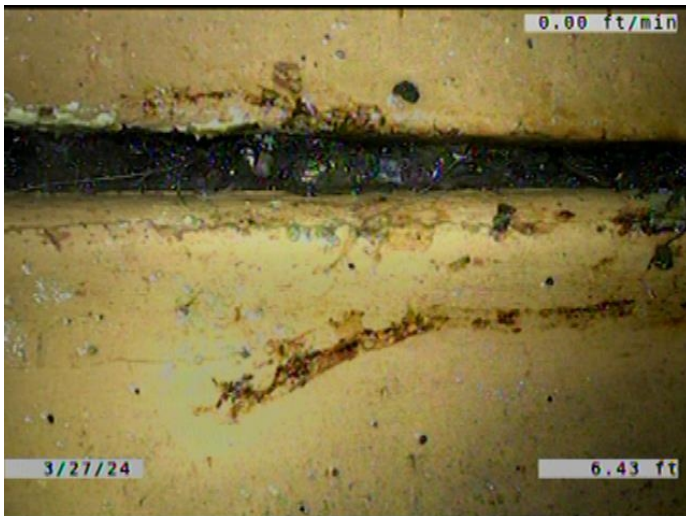


Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	4.1
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



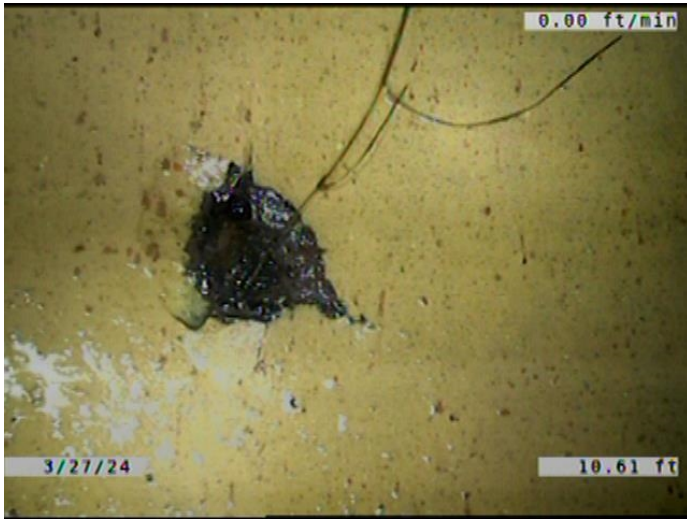
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **6.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



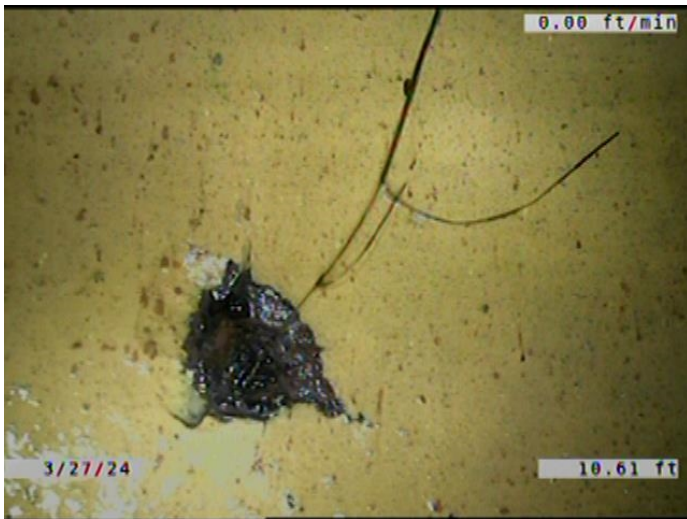
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **6.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



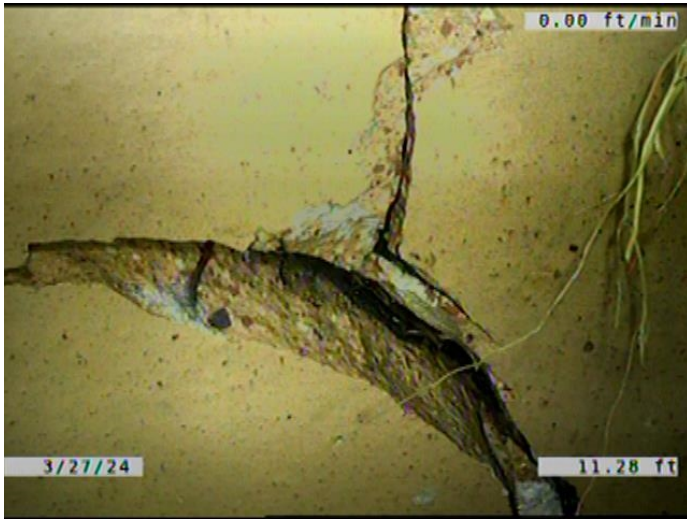
Code: **H**
Description: **Hole**

Distance (ft): **10.6**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **4**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **RFB**
Description: **Roots Fine Barrel**

Distance (ft): **10.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **4**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



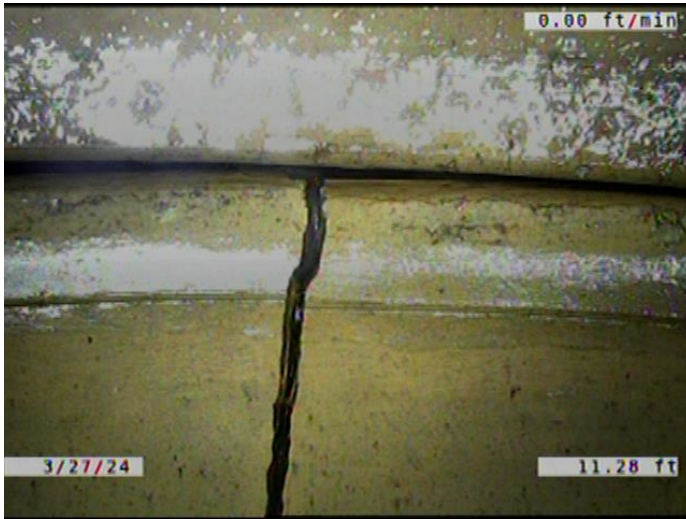
Code: **B**
Description: **Broken**

Distance (ft): **11.3**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



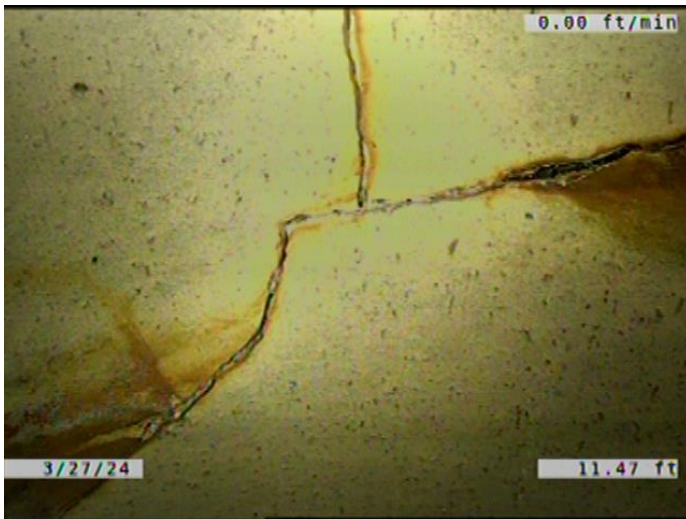
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **11.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **9**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



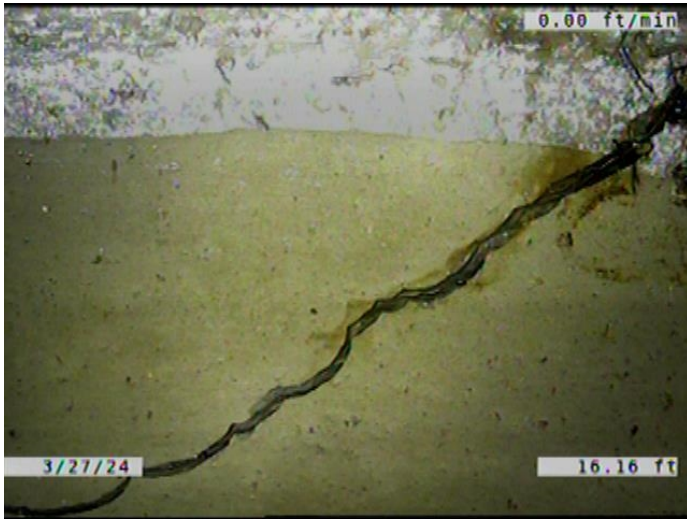
Code: **IWJ**
Description: **Infiltration Weeper Joint**

Distance (ft): **11.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



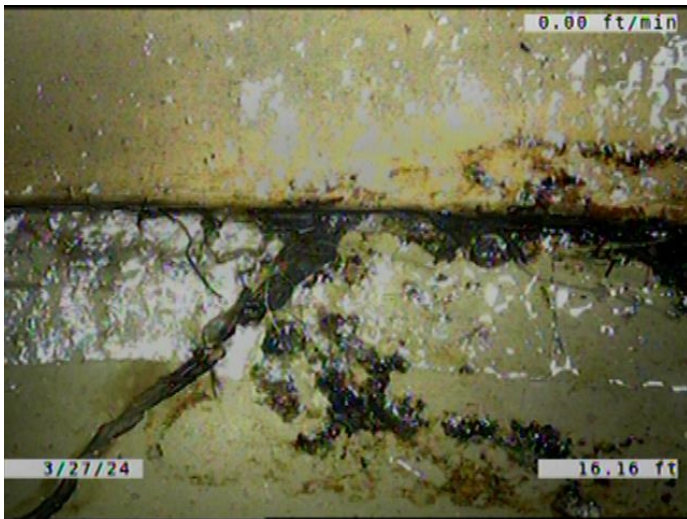
Code: **ISB**
Description: **Infiltration Stain Barrel**

Distance (ft): **11.5**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



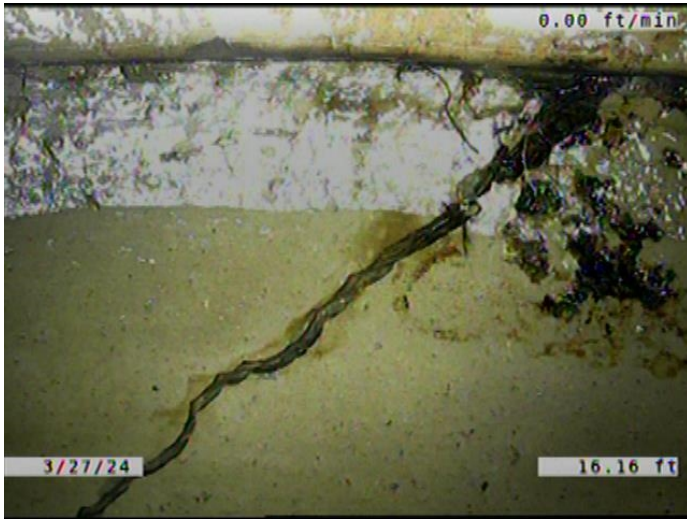
Code: **B**
Description: **Broken**

Distance (ft): **16.2**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



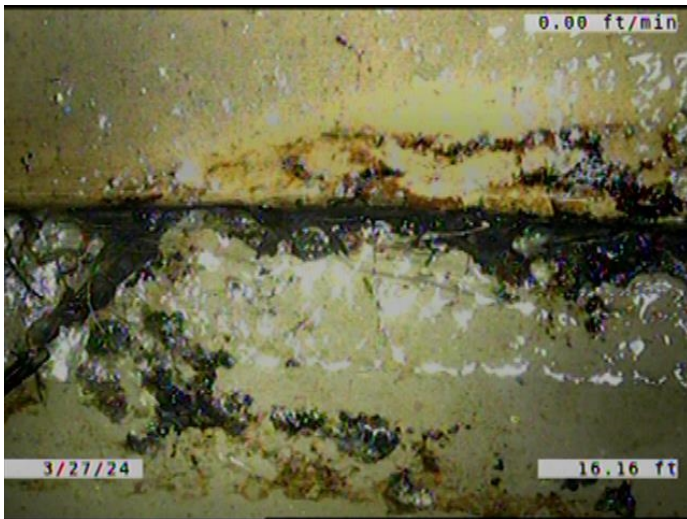
Code: **IRJ**
Description: **Infiltration Runner Joint**

Distance (ft): **16.2**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **1**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



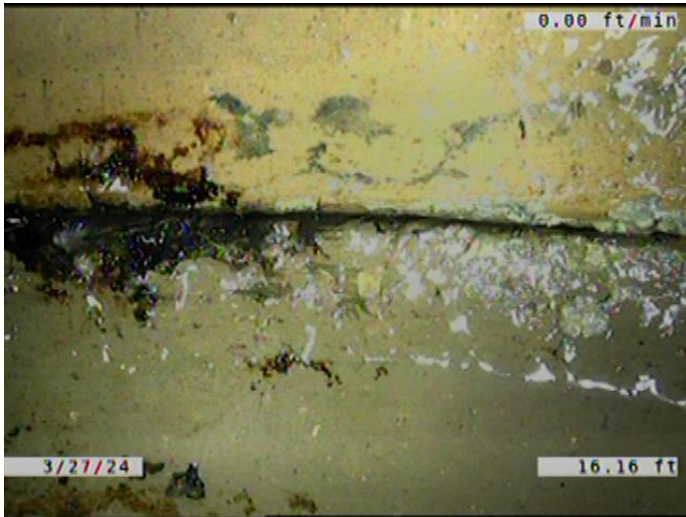
Code: **RFB**
 Description: **Roots Fine Barrel**

Distance (ft): **16.2**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **11**
 Clock To: **1**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **16.2**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **12**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



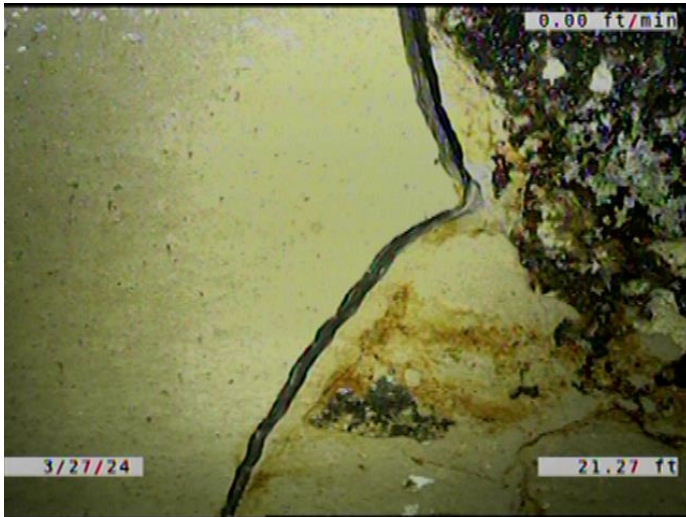
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **16.2**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **11**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



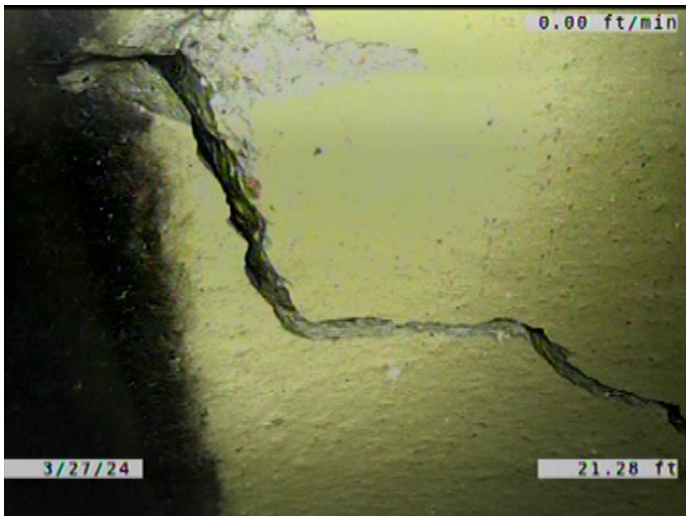
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **18.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks:



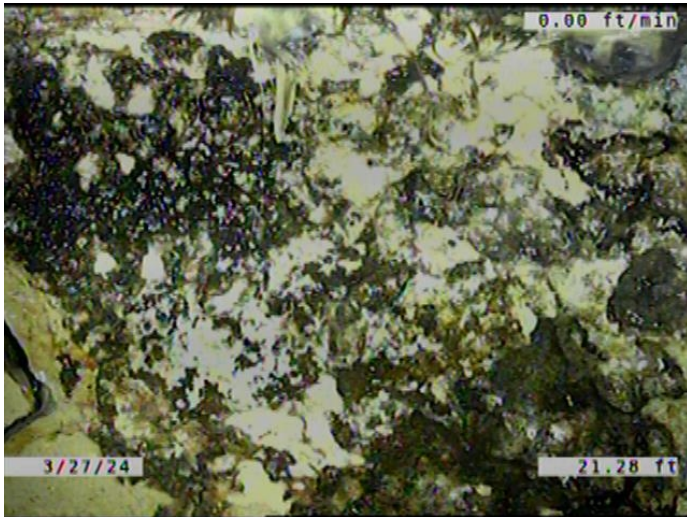
Code: **IRB**
Description: **Infiltration Runner Barrel**

Distance (ft): **21.3**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **12**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



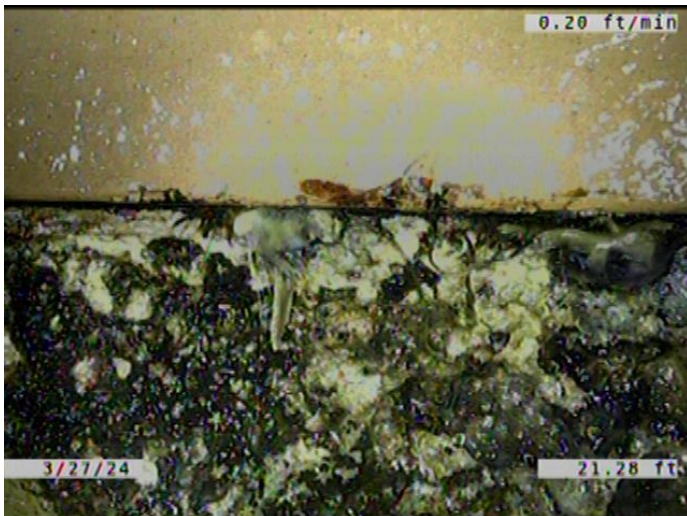
Code: **B**
Description: **Broken**

Distance (ft): **21.3**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **21.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **12**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



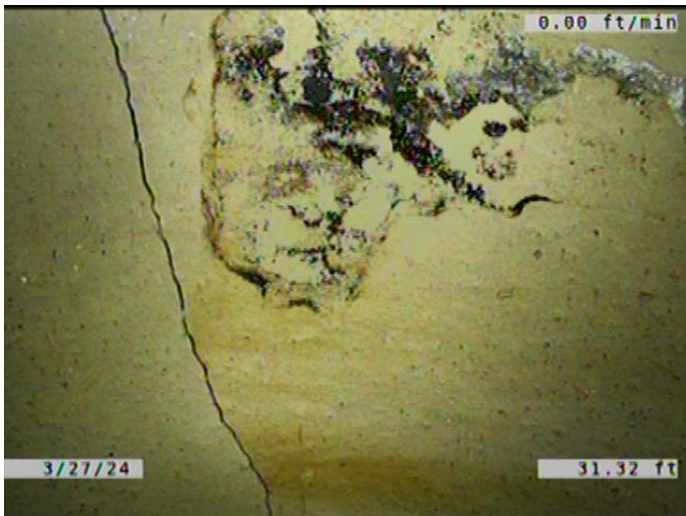
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **21.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **12**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **30.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks:



Code: **ISB**
Description: **Infiltration Stain Barrel**

Distance (ft): **31.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **1**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **FM**
 Description: **Fracture Multiple**

Distance (ft): **31.3**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **1**
 Clock To: **8**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **31.3**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **10**
 Clock To: **11**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



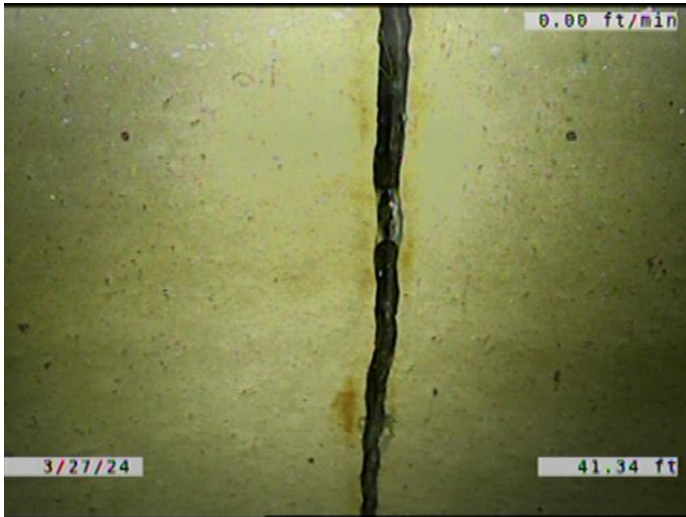
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **36.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **10**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **B**
Description: **Broken**

Distance (ft): **36.3**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



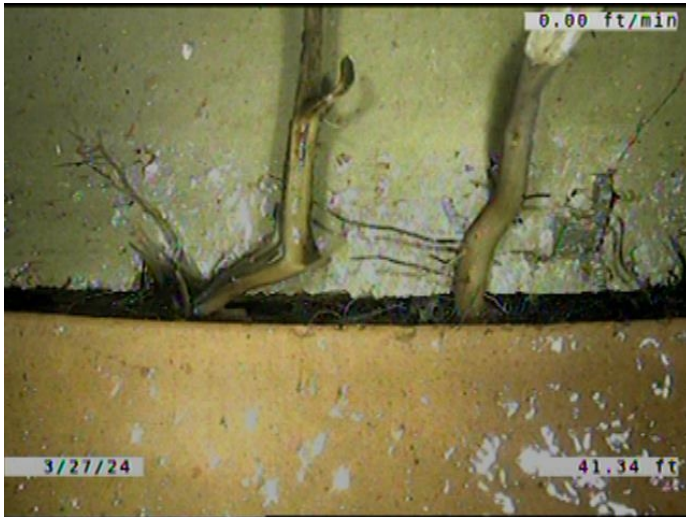
Code: **IWB**
 Description: **Infiltration Weeper Barrel**

Distance (ft): **41.3**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **12**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



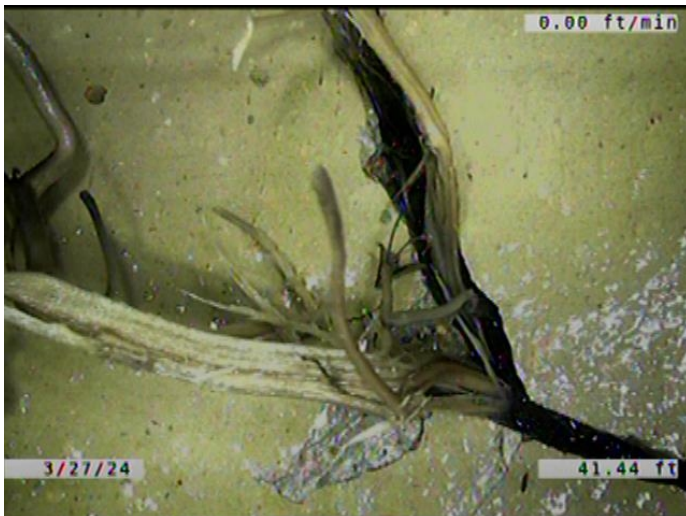
Code: **B**
 Description: **Broken**

Distance (ft): **41.3**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **4**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **41.3**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **7**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



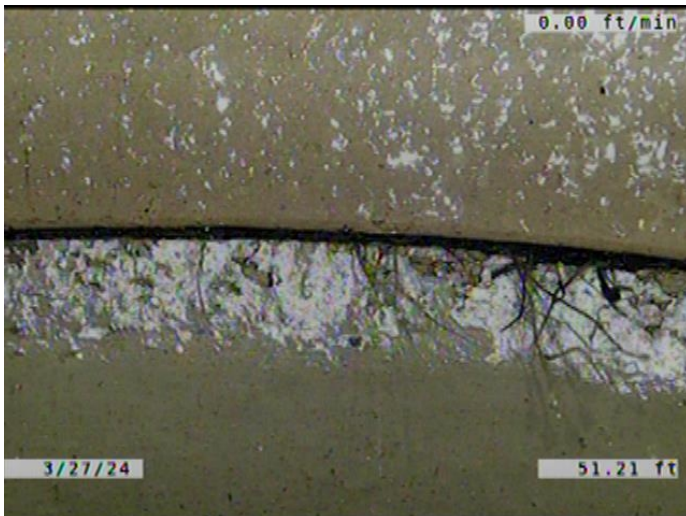
Code: **RFB**
 Description: **Roots Fine Barrel**

Distance (ft): **41.4**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **8**
 Clock To: **10**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



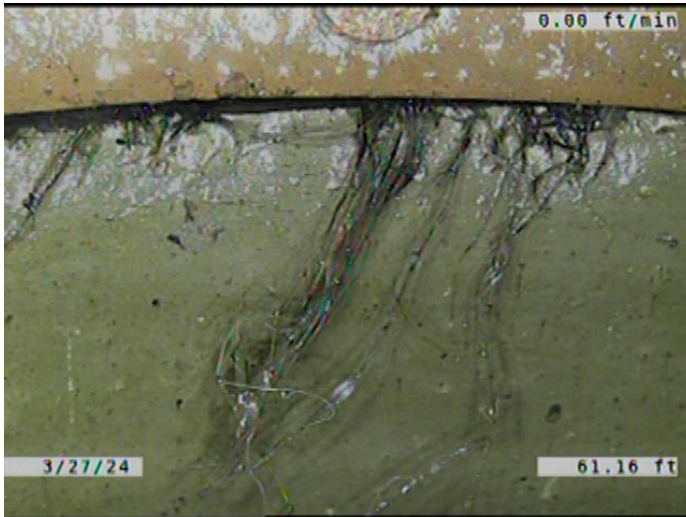
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **48.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:



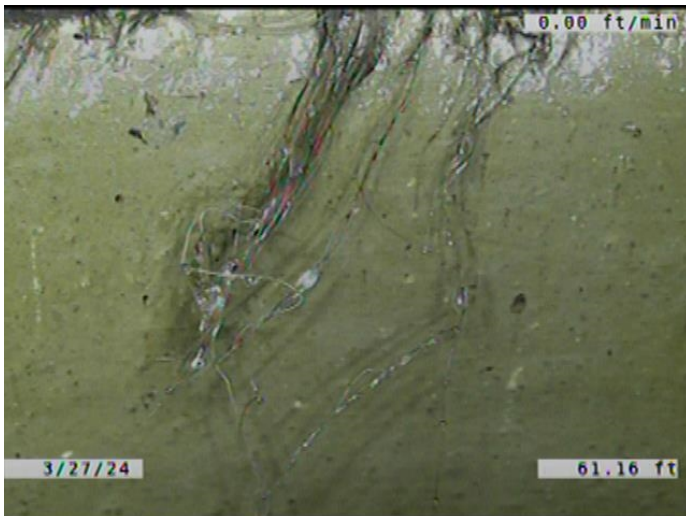
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **51.2**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **11**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



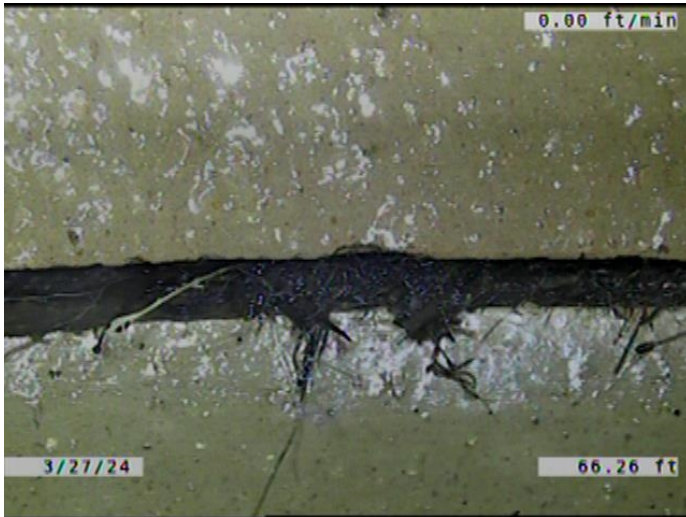
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **61.2**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **8**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **IDJ**
 Description: **Infiltration Dripper Joint**

Distance (ft): **61.2**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **10**
 Clock To: **11**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



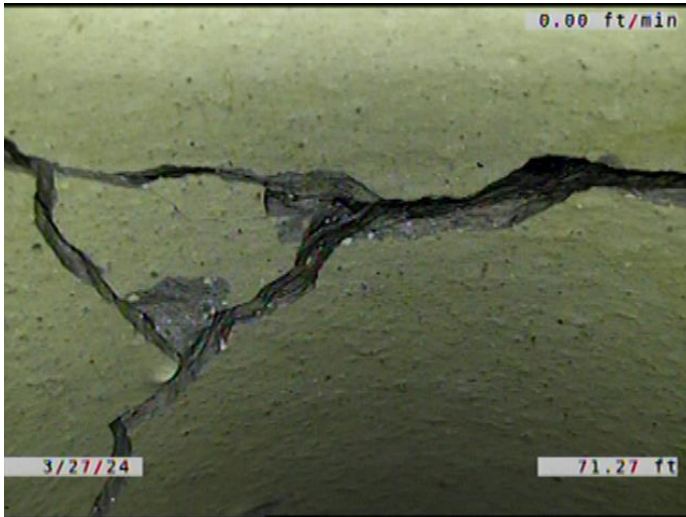
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **66.3**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **9**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **70.2**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **25.000**
 Continuous Index: **F02**
 Within 8" of Joint: **NO**
 Remarks:



Code: **BSV**
Description: **Broken Soil Visible**

Distance (ft): **71.3**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



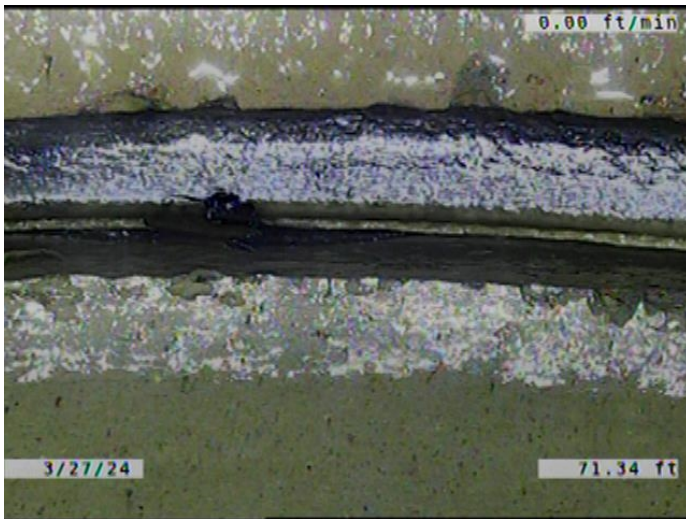
Code: **SMW**
Description: **Surface Damage Missing Wall**

Distance (ft): **71.3**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



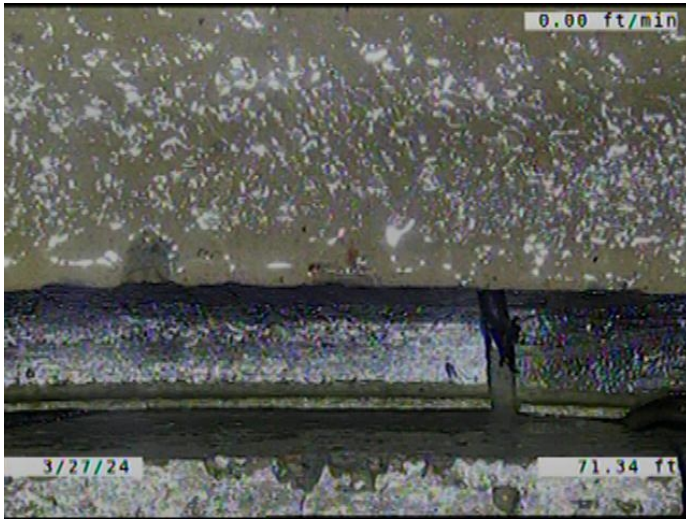
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **71.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **71.3**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code: **IRJ**
Description: **Infiltration Runner Joint**

Distance (ft): **71.3**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **LD**
Description: **Line Down**

Distance (ft): **71.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



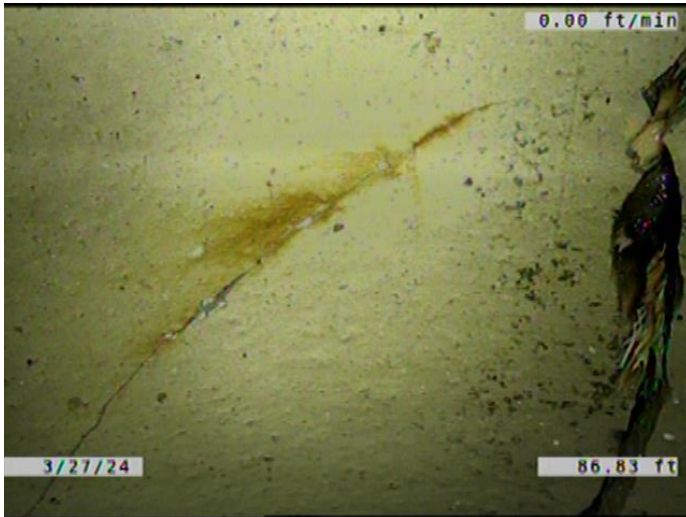
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **71.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S03**
Within 8" of Joint: **NO**
Remarks:



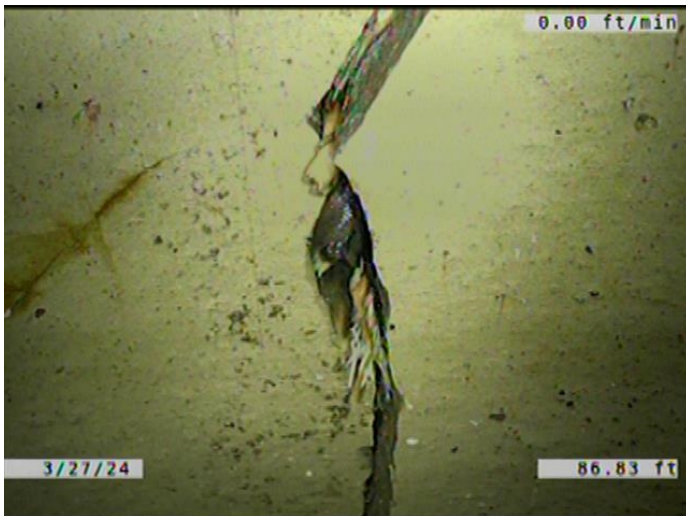
Code: **DR**
Description: **Deformed Rigid**

Distance (ft): **85.3**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S05**
Within 8" of Joint: **NO**
Remarks:



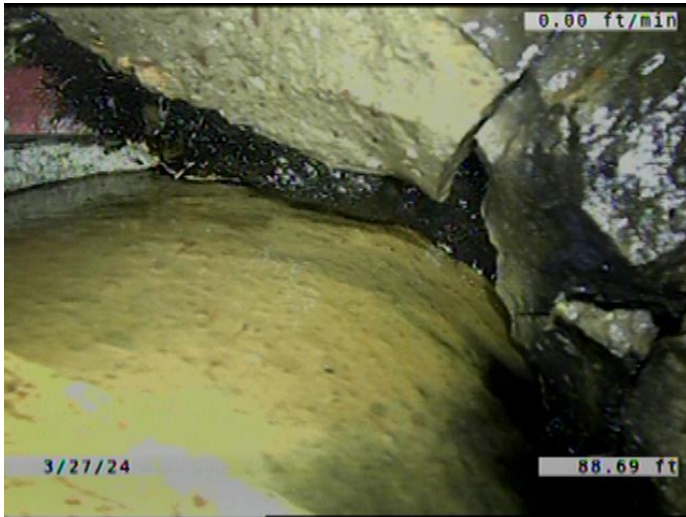
Code: **ISB**
 Description: **Infiltration Stain Barrel**

Distance (ft): **86.8**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **9**
 Clock To: **11**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:

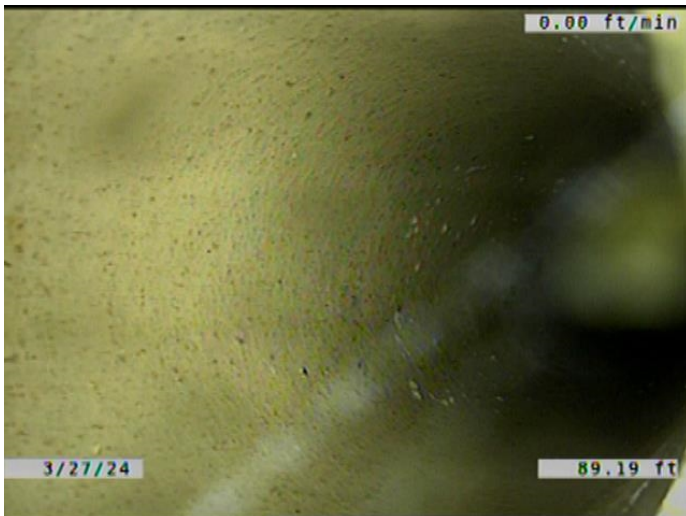


Code: **RFB**
 Description: **Roots Fine Barrel**

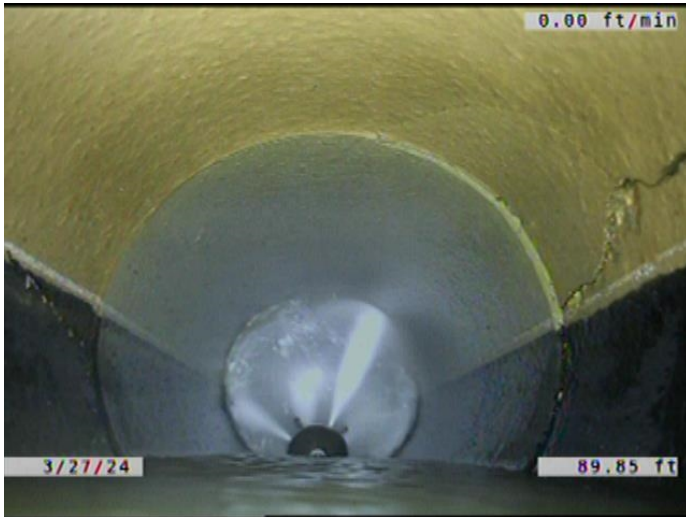
Distance (ft): **86.8**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **11**
 Clock To: **1**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **S06**
 Within 8" of Joint: **NO**
 Remarks:



Code:	IRC
Description:	Infiltration Runner Connection
Distance (ft):	88.7
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	2
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

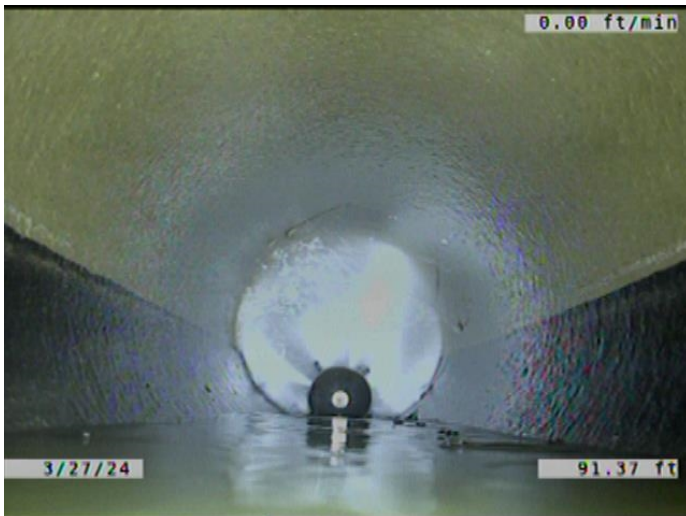


Code:	TBI
Description:	Tap Break-in Intruding
Distance (ft):	89.2
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	2
Clock To:	
1st Value:	6.000
2nd Value:	4.000
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	ACTIVITY



Code: **MGO**
Description: **Miscellaneous General Observation**

Distance (ft): **89.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **HAD TO MAKE A WHEEL SIZE CHANGE TO GET PAST THE PROTRU**



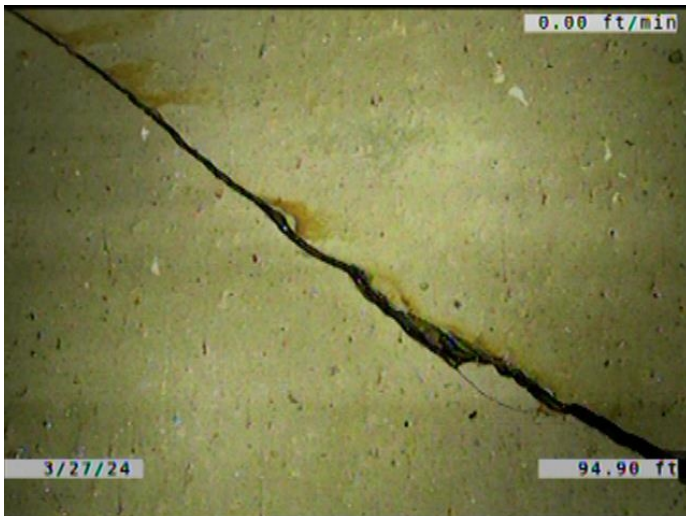
Code: **DR**
Description: **Deformed Rigid**

Distance (ft): **91.4**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F05**
Within 8" of Joint: **NO**
Remarks:



Code: **RFB**
Description: **Roots Fine Barrel**

Distance (ft): **91.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **11**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F06**
Within 8" of Joint: **NO**
Remarks:



Code: **ISB**
Description: **Infiltration Stain Barrel**

Distance (ft): **94.9**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



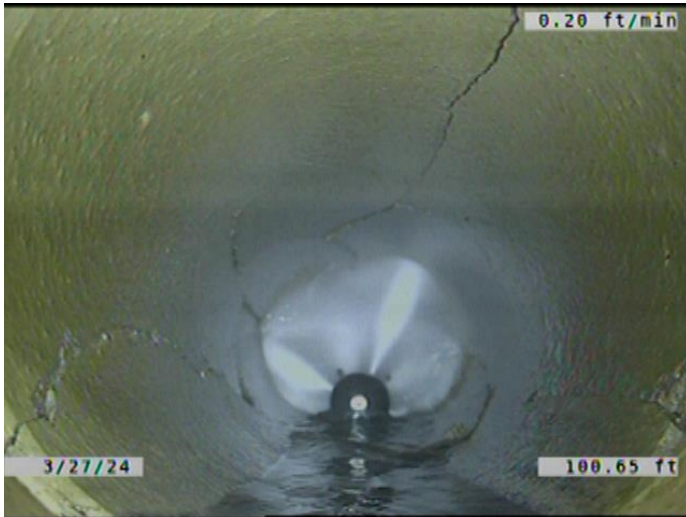
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **96.5**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **IWJ**
Description: **Infiltration Weeper Joint**

Distance (ft): **96.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **10**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



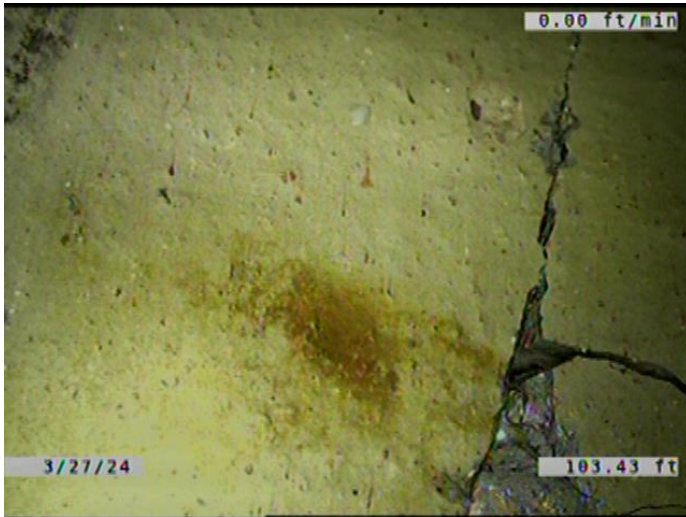
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **100.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:



Code: **DR**
Description: **Deformed Rigid**

Distance (ft): **101.6**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S08**
Within 8" of Joint: **NO**
Remarks:



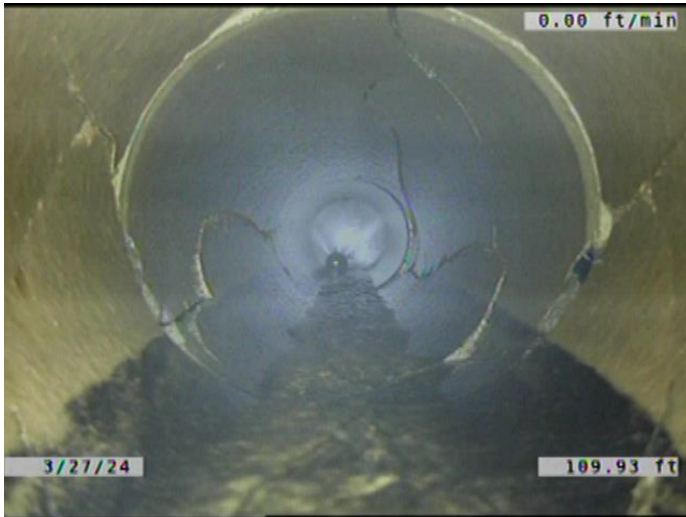
Code: **ISB**
Description: **Infiltration Stain Barrel**

Distance (ft): **103.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **3**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



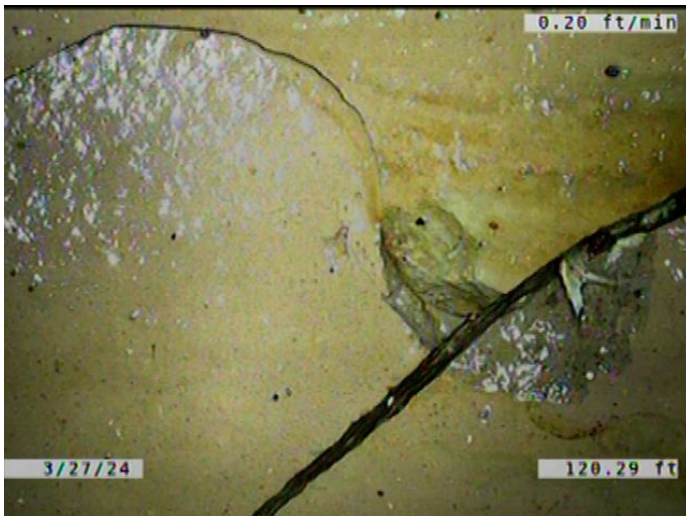
Code: **IWB**
Description: **Infiltration Weeper Barrel**

Distance (ft): **104.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **11**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S09**
Within 8" of Joint: **YES**
Remarks:



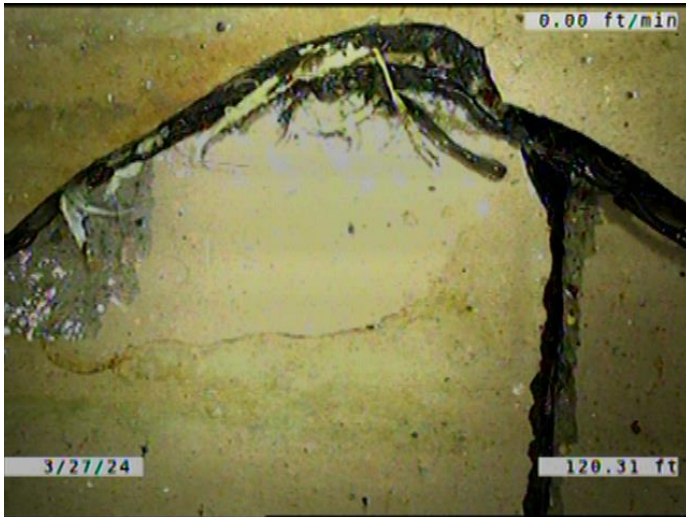
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **109.9**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index: **S10**
Within 8" of Joint: **NO**
Remarks:



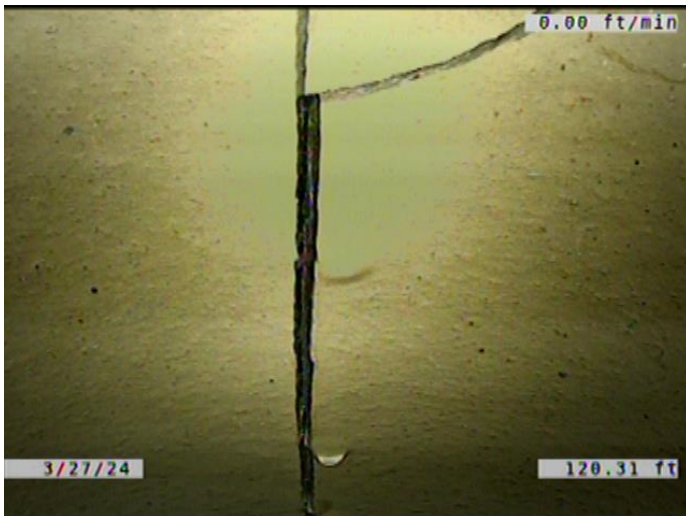
Code: **ISB**
Description: **Infiltration Stain Barrel**

Distance (ft): **120.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **10**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



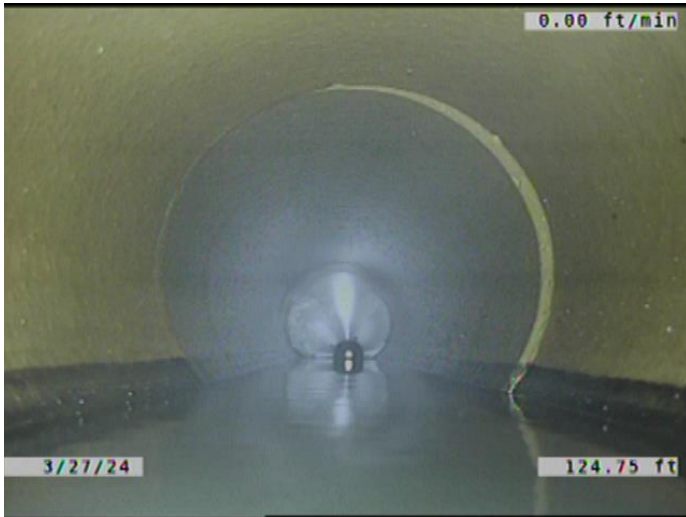
Code: **RFB**
Description: **Roots Fine Barrel**

Distance (ft): **120.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



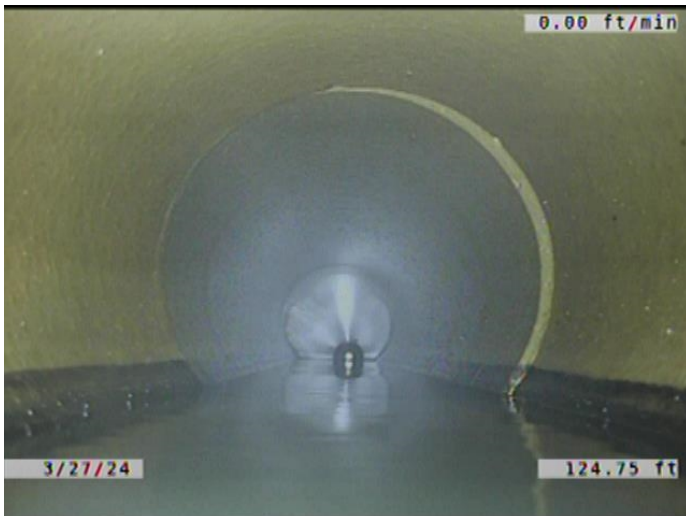
Code: **IDB**
Description: **Infiltration Dripper Barrel**

Distance (ft): **120.3**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **10**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



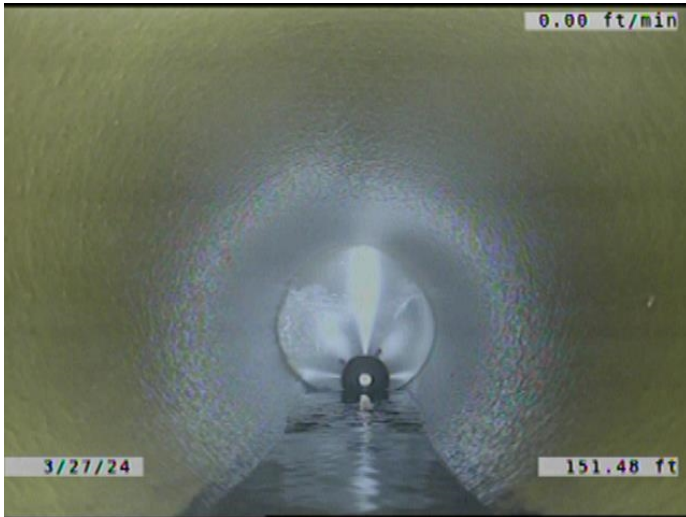
Code: **DR**
Description: **Deformed Rigid**

Distance (ft): **124.8**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F08**
Within 8" of Joint: **NO**
Remarks:



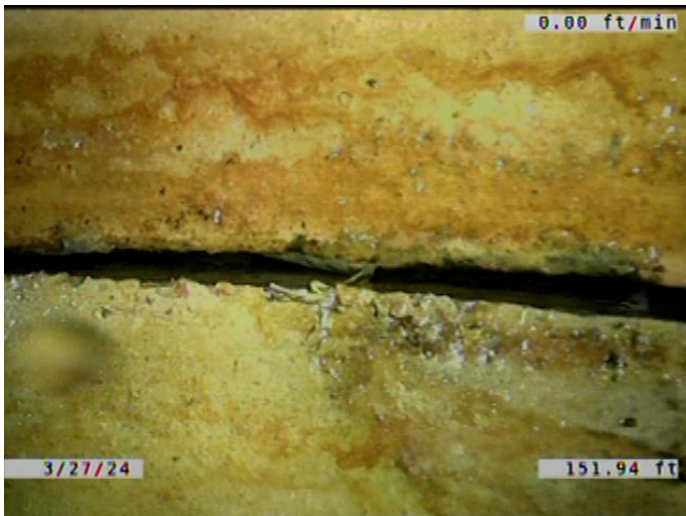
Code: **IWB**
Description: **Infiltration Weeper Barrel**

Distance (ft): **124.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **11**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F09**
Within 8" of Joint: **YES**
Remarks:



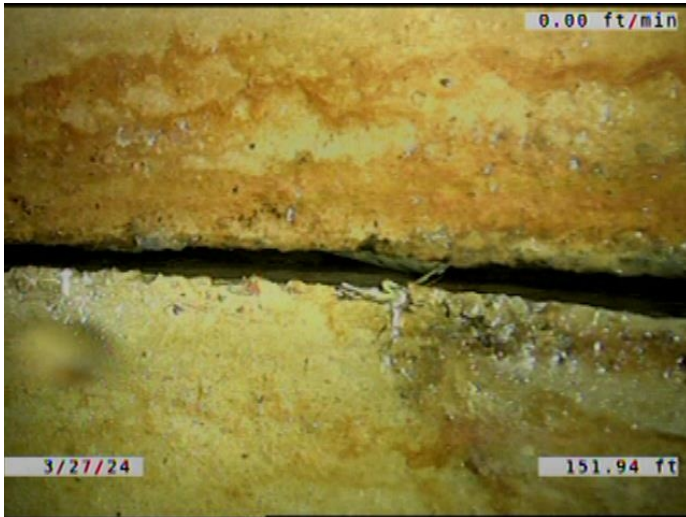
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **151.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index: **F10**
Within 8" of Joint: **NO**
Remarks:



Code: **ISJ**
Description: **Infiltration Stain Joint**

Distance (ft): **151.9**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **12**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **151.9**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **2**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **167.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index: **S11**
Within 8" of Joint: **NO**
Remarks:



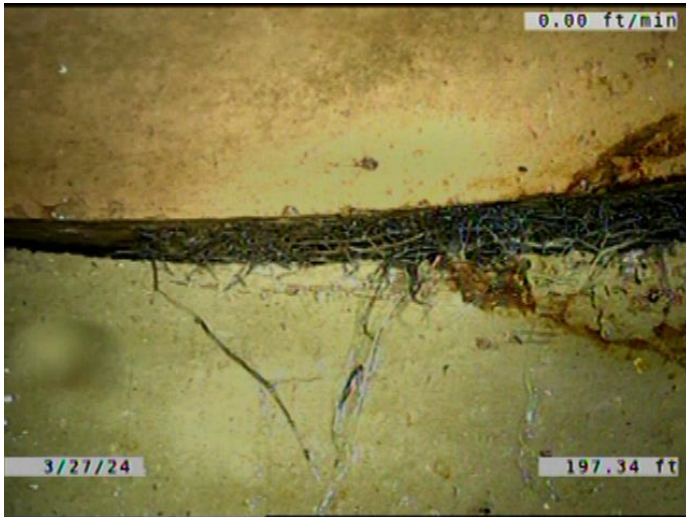
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **181.7**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index: **F11**
Within 8" of Joint: **NO**
Remarks:



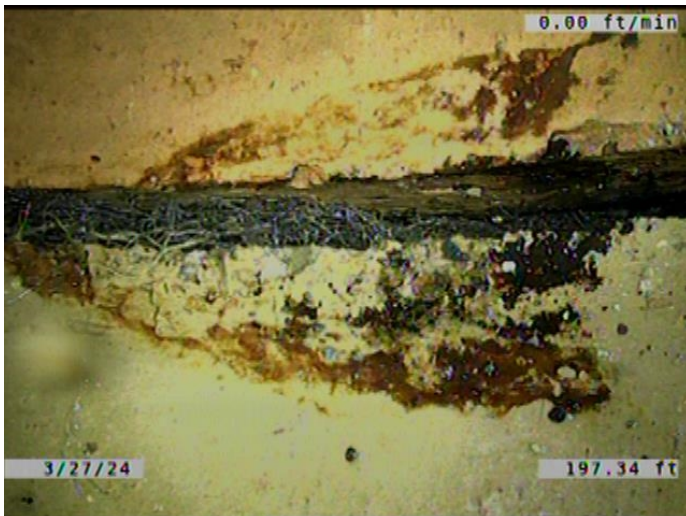
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **190.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S12**
Within 8" of Joint: **NO**
Remarks:



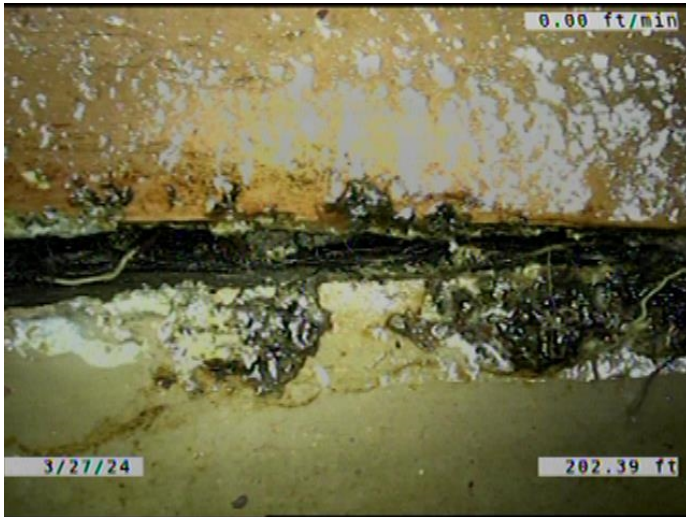
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **197.3**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **1**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



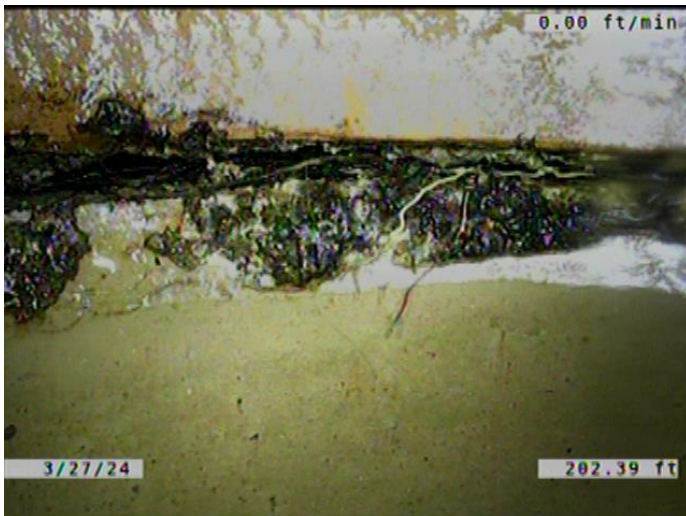
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **197.3**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **12**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



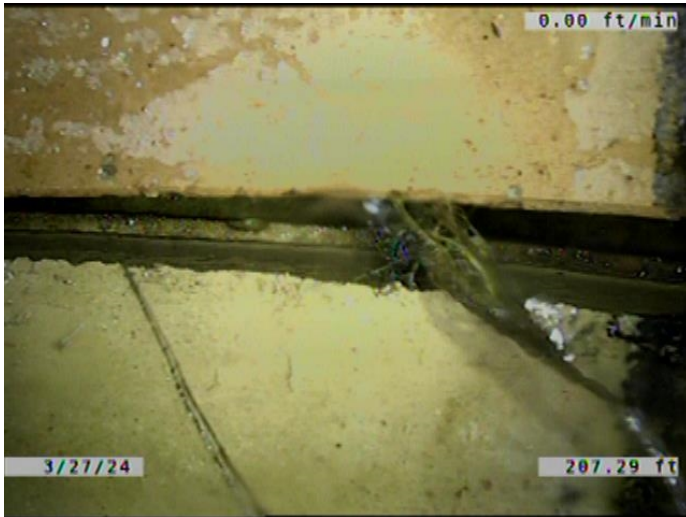
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **202.4**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **9**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **202.4**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **9**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



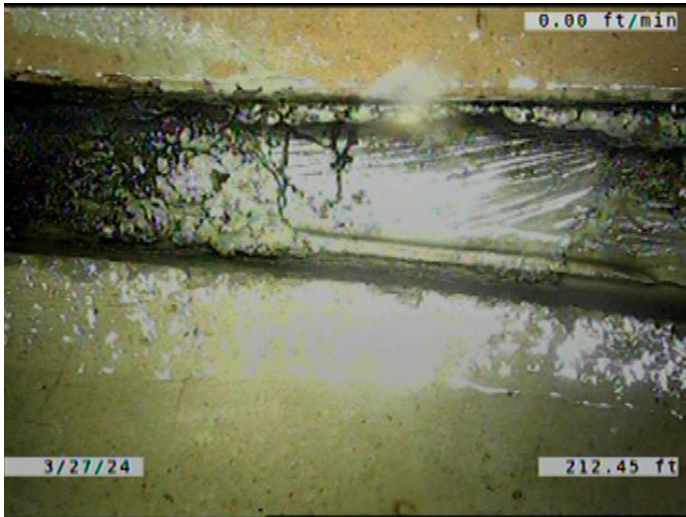
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **207.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **1**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



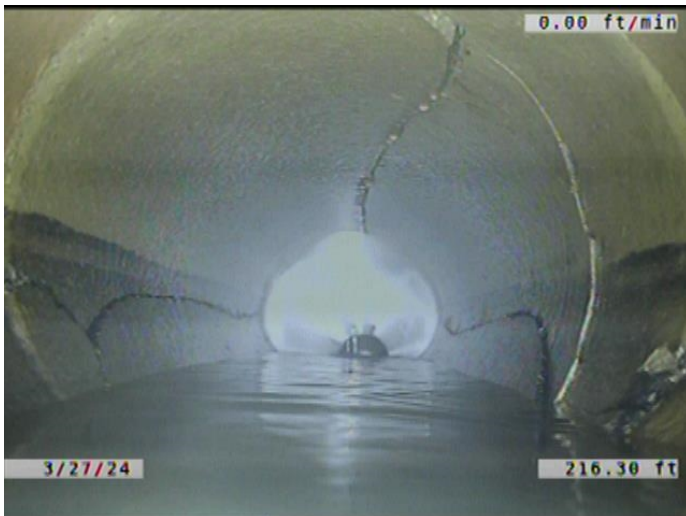
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **212.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



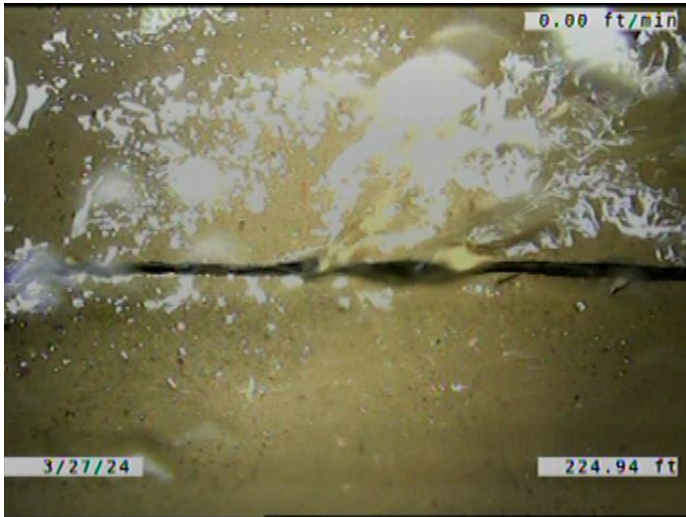
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **212.4**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **9**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **B**
 Description: **Broken**

Distance (ft): **216.3**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **S13**
 Within 8" of Joint: **YES**
 Remarks:



Code: **IGB**
 Description: **Infiltration Gusher Barrel**

Distance (ft): **224.9**
 Structural Grade: **0**
 O&M Grade: **5**
 Clock Start/From: **12**
 Clock To: **1**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



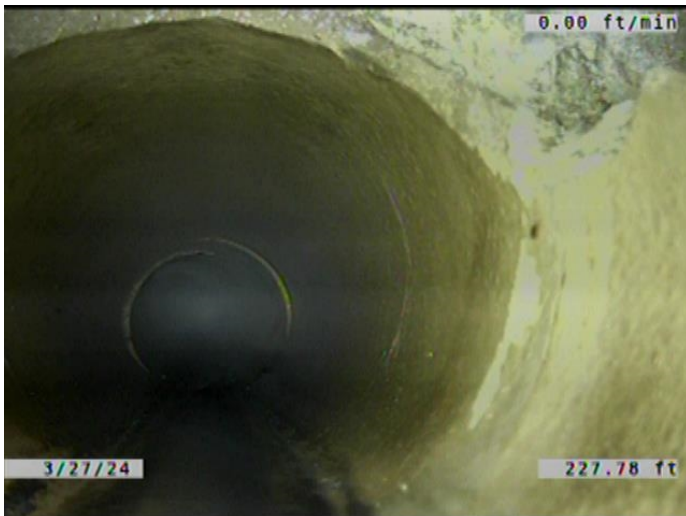
Code: **RMB**
 Description: **Roots Medium Barrel**

Distance (ft): **224.9**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From: **7**
 Clock To: **9**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **226.7**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **F12**
 Within 8" of Joint: **NO**
 Remarks:



Code: **B**
 Description: **Broken**

Distance (ft): **227.8**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **F13**
 Within 8" of Joint: **YES**
 Remarks:



Code:	AMH
Description:	Manhole
Distance (ft):	228.2
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	M-604-049