

Profile/Photo Observation Report



Date:	03/27/2024	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	234.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:		Surveyor:	S. Bucklin	PSR:	P-603-002-001
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-603-002	DS MH:	M-603-001
		Total Length Surveyed (ft):	233.1

O&M Index:	2.00	O&M Quick:	4332	O&M Rating:	32.00
Structural Index:	3.78	Structural Quick:	524F	Structural Rating:	193.00
Overall Index:	3.36	Overall Quick:	524F	Overall Rating:	225.00

	Position	Code	Observation	Video (sec)	Grade
<div>M-603-002</div> <div><div>Camera Direction</div><div></div></div>	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	49	NA
	.7	MGO	Miscellaneous General Observation	56	NA
	.7	MWLS(S01)	Miscellaneous Water Level Sag	92	S 4
	2.4	BSV	Broken Soil Visible	247	S 5
	53.4	MGO	Miscellaneous General Observation	0	NA
	53.6	B	Broken	46	S 4
	63.2	LL	Line Left	98	M 1
	68.8	RFB	Roots Fine Barrel	191	M 2
	68.8	B	Broken	210	S 4
	73.7	RFJ	Roots Fine Joint	263	M 1
	78.9	RFJ	Roots Fine Joint	306	M 1
	88.2	LR	Line Right	360	M 1
	94.0	RFB	Roots Fine Barrel	452	M 2
	94.0	B	Broken	476	S 4
	98.7	B	Broken	556	S 4
101.1	B	Broken	622	S 4	
102.4	RFB	Roots Fine Barrel	655	M 2	
118.8	RMJ	Roots Medium Joint	825	M 3	

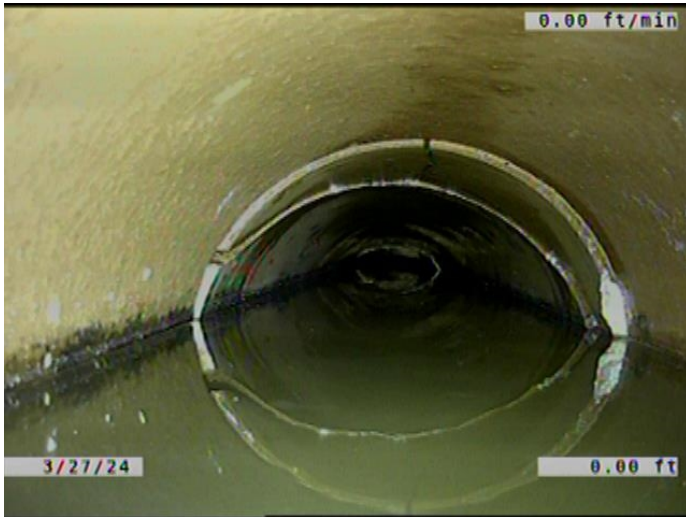
123.5	RPR(S02)	Point Repair Replacement	897	NA
123.5	JOMD	Joint Offset Medium Defective	913	S 3
129.0	TFA	Tap Factory Activity	960	NA
129.6	IRJ	Infiltration Runner Joint	1015	M 4
130.8	RPR(F02)	Point Repair Replacement	1062	NA
133.9	IDB	Infiltration Dripper Barrel	1097	M 3
134.0	ISB	Infiltration Stain Barrel	1116	M 1
134.0	B	Broken	1169	S 4
153.2	MWLS(F01)	Miscellaneous Water Level Sag	1224	S 4
153.2	MWL	Miscellaneous Water Level	1285	NA
170.7	MWL	Miscellaneous Water Level	1351	NA
172.6	CM	Crack Multiple	1390	S 3
173.2	IRB	Infiltration Runner Barrel	1406	M 4
173.2	ISB	Infiltration Stain Barrel	1417	M 1
175.0	MWLS(S03)	Miscellaneous Water Level Sag	1437	S 3
219.0	RFJ	Roots Fine Joint	1658	M 1
219.0	RFJ	Roots Fine Joint	1675	M 1
229.0	RMB	Roots Medium Barrel	1826	M 4
229.0	DR	Deformed Rigid	1915	S 5
231.3	MWLS(F03)	Miscellaneous Water Level Sag	1962	S 3
231.3	MGO	Miscellaneous General Observation	1985	NA
233.1	AMH	Manhole	2114	NA

M-603-001



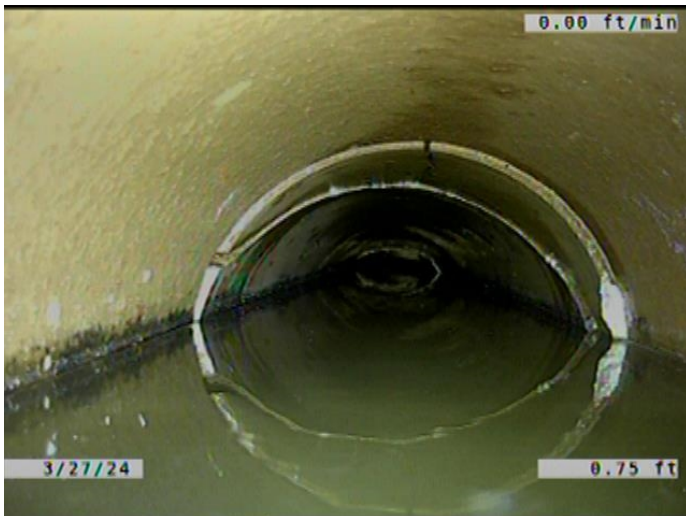
Code: **AMH**
Description: **Manhole**

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-603-002**



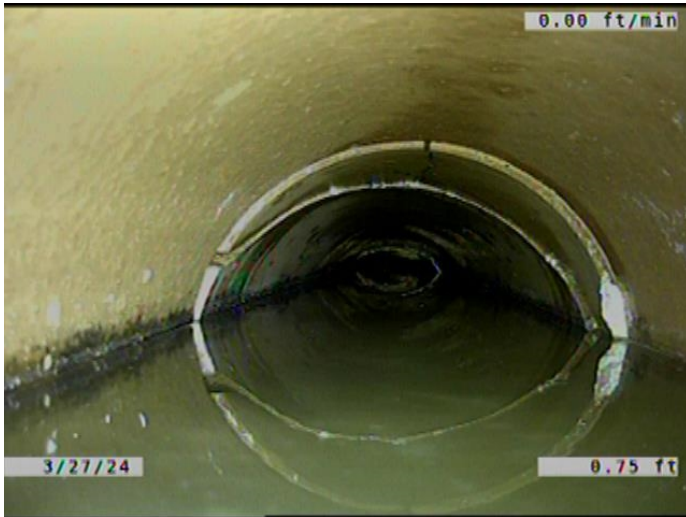
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **65.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



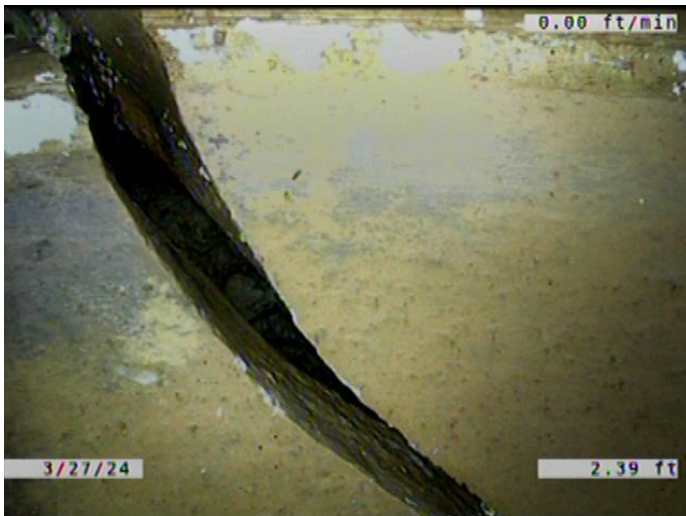
Code: **MGO**
Description: **Miscellaneous General Observation**

Distance (ft): **.7**
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: **CHANNEL SITS LOWER THE THE PIPE.
HAD TO START IN THE PIPE.**



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

Distance (ft): **.7**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **70.000**
 Continuous Index: **S01**
 Within 8" of Joint: **NO**
 Remarks:

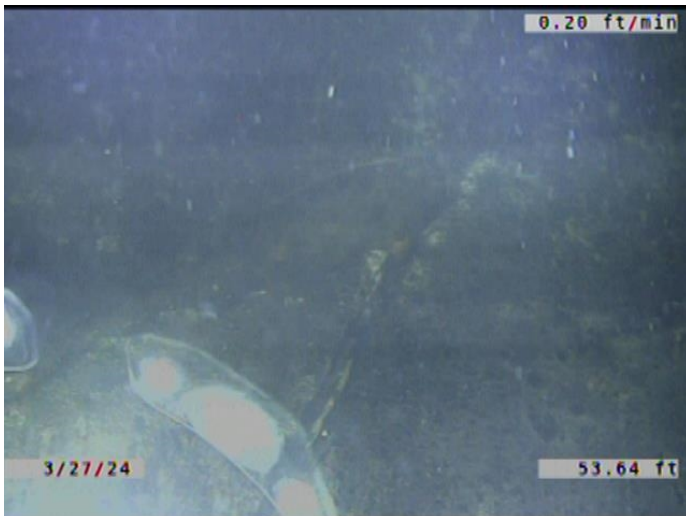


Code: **BSV**
 Description: **Broken Soil Visible**

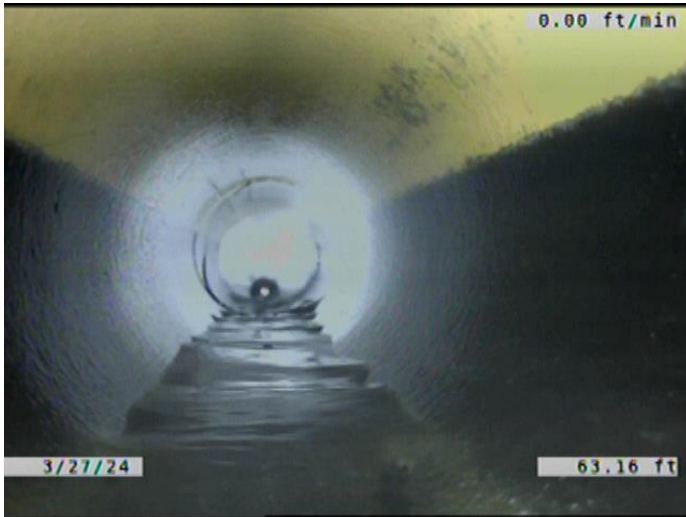
Distance (ft): **2.4**
 Structural Grade: **5**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code:	MGO
Description:	Miscellaneous General Observation
Distance (ft):	53.4
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:	COMPUTER ISSUES. HAD TO START ANOTHER VIDEO.

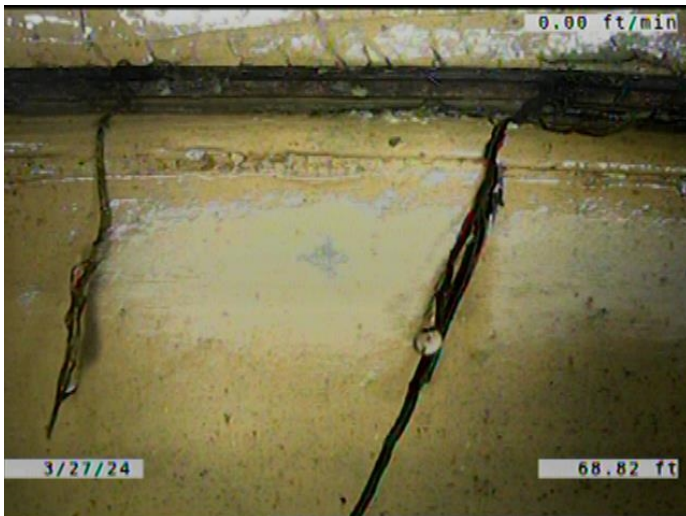


Code:	B
Description:	Broken
Distance (ft):	53.6
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	3
Clock To:	8
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	Visible through water



Code: **LL**
Description: **Line Left**

Distance (ft): **63.2**
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: **RFB**
Description: **Roots Fine Barrel**

Distance (ft): **68.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **11**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



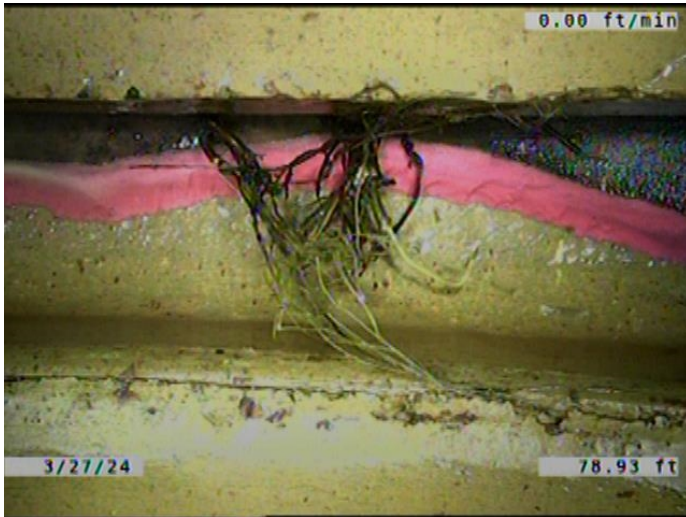
Code: **B**
Description: **Broken**

Distance (ft): **68.8**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **5**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



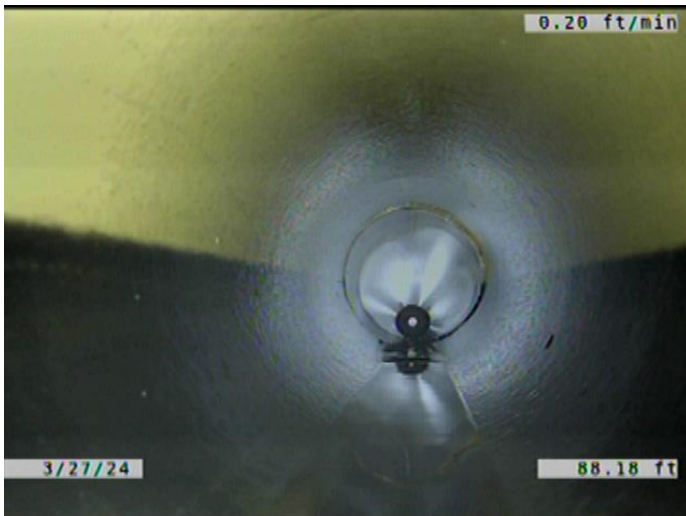
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **73.7**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **2**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



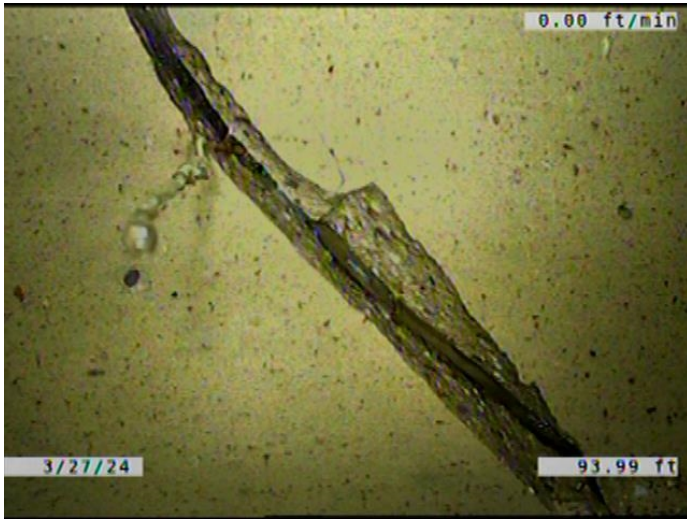
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **78.9**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **2**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



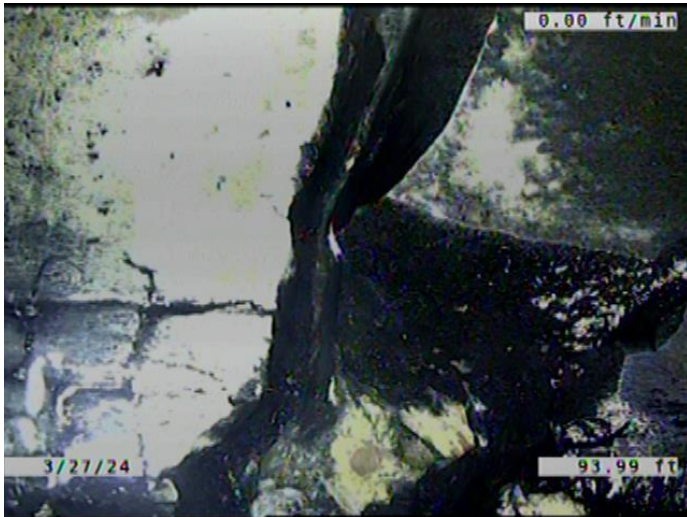
Code: **LR**
 Description: **Line Right**

Distance (ft): **88.2**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **94.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **12**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



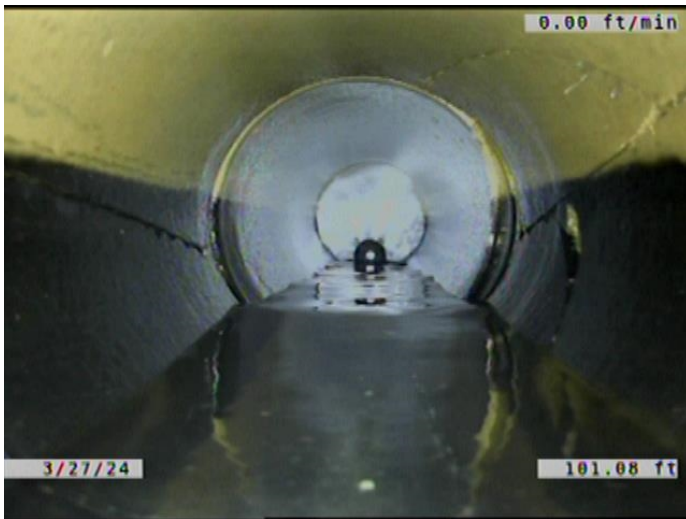
Code: **B**
Description: **Broken**

Distance (ft): **94.0**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **7**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



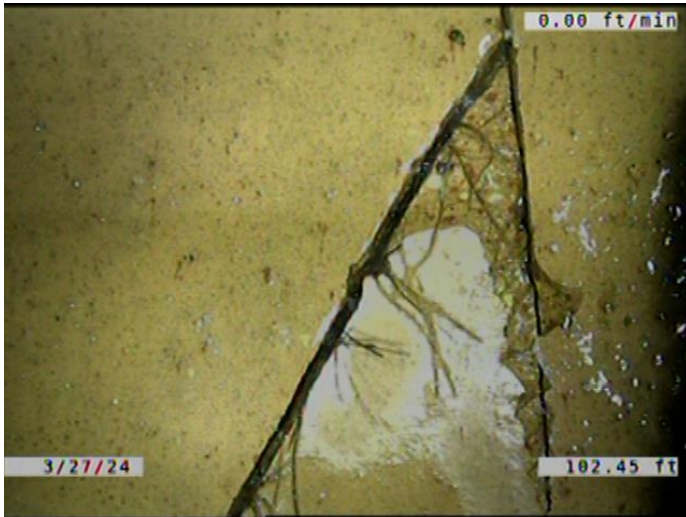
Code: **B**
Description: **Broken**

Distance (ft): **98.7**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **2**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **101.1**
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:



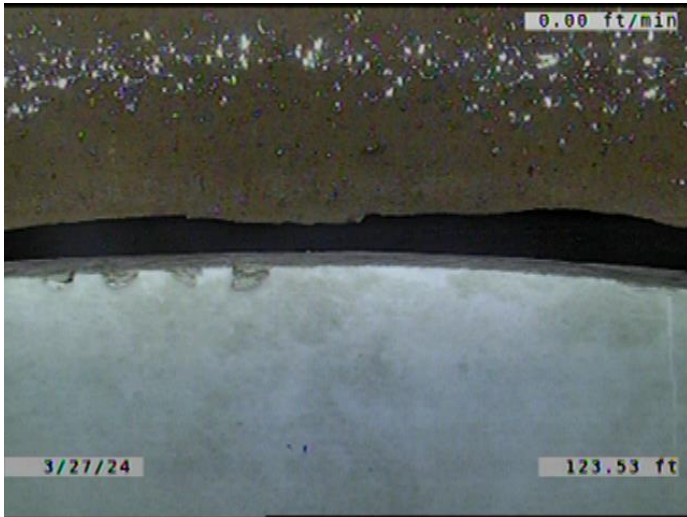
Code: **RFB**
 Description: **Roots Fine Barrel**

Distance (ft): **102.4**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **1**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



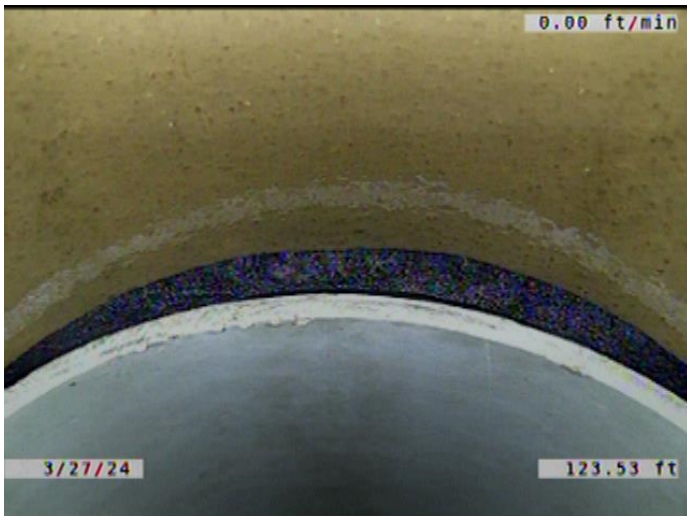
Code: **RMJ**
 Description: **Roots Medium Joint**

Distance (ft): **118.8**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **9**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



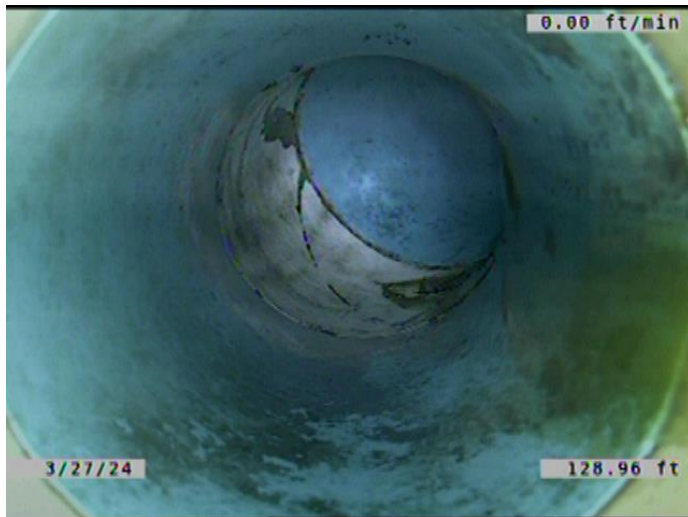
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **123.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**

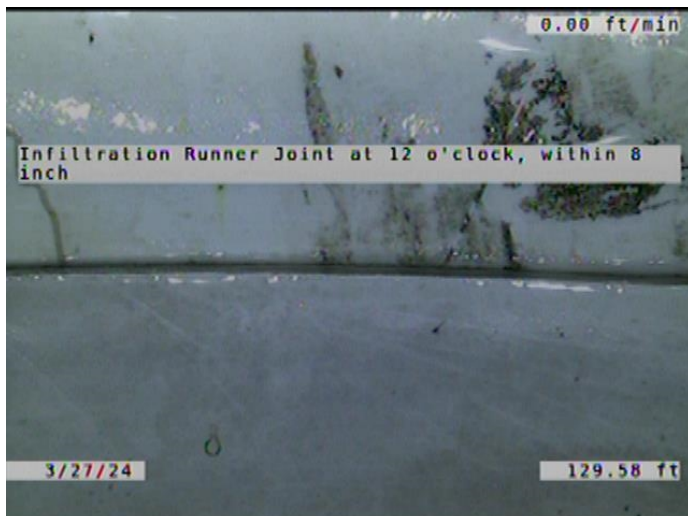


Code: **JOMD**
Description: **Joint Offset Medium Defective**

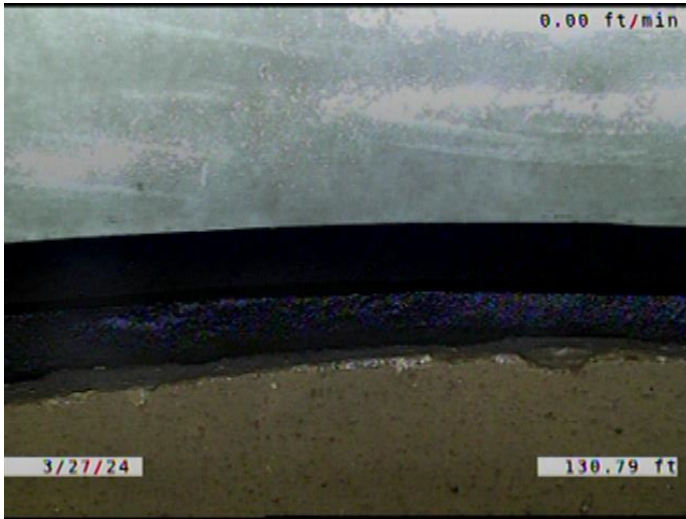
Distance (ft): **123.5**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code:	TFA
Description:	Tap Factory Activity
Distance (ft):	129.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	2
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

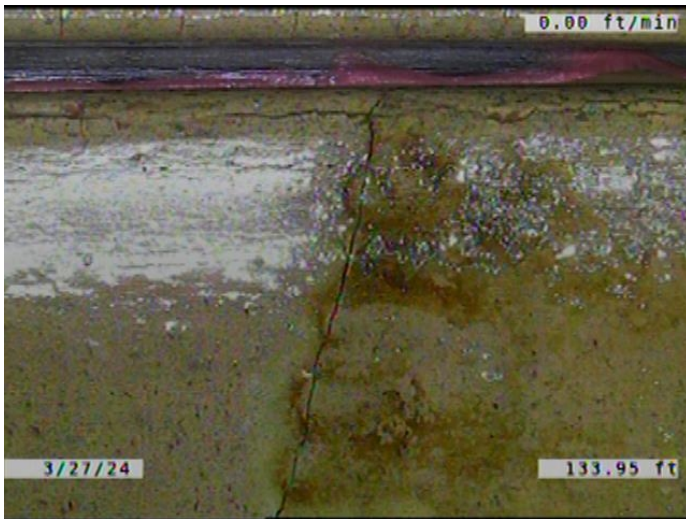


Code:	IRJ
Description:	Infiltration Runner Joint
Distance (ft):	129.6
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	12
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



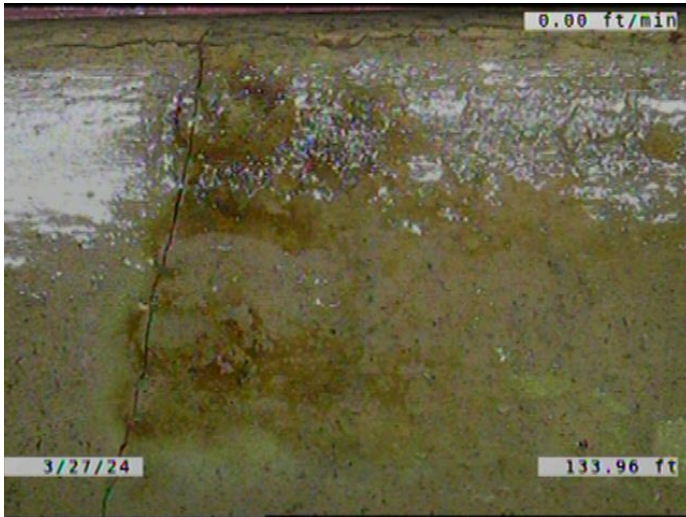
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **130.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



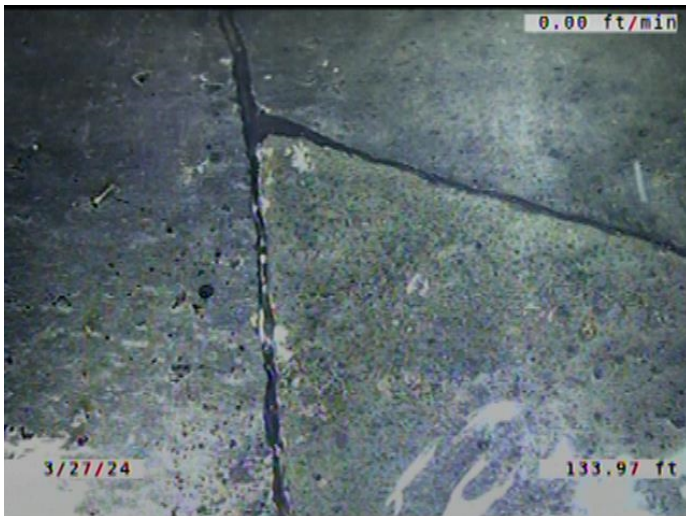
Code: **IDB**
Description: **Infiltration Dripper Barrel**

Distance (ft): **133.9**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **12**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



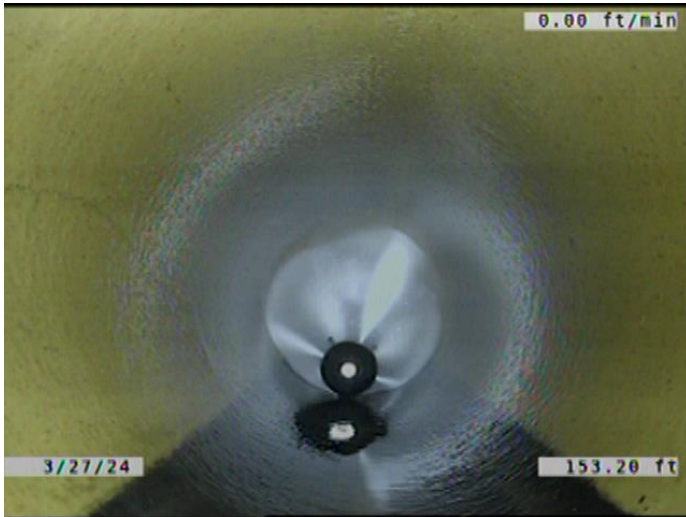
Code: **ISB**
Description: **Infiltration Stain Barrel**

Distance (ft): **134.0**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **12**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



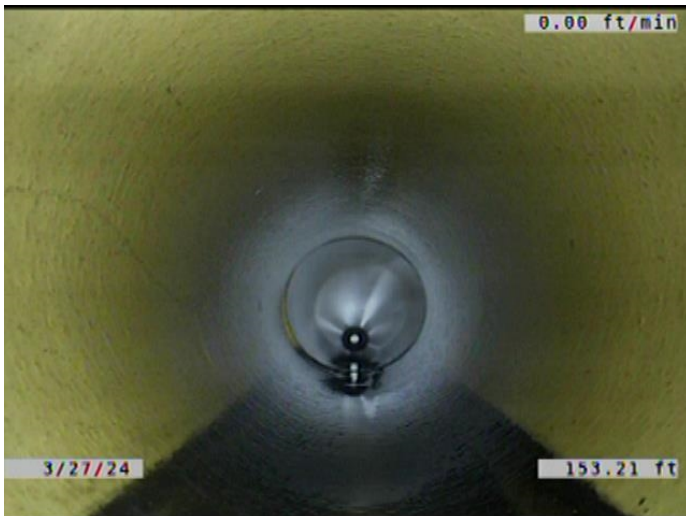
Code: **B**
Description: **Broken**

Distance (ft): **134.0**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **4**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



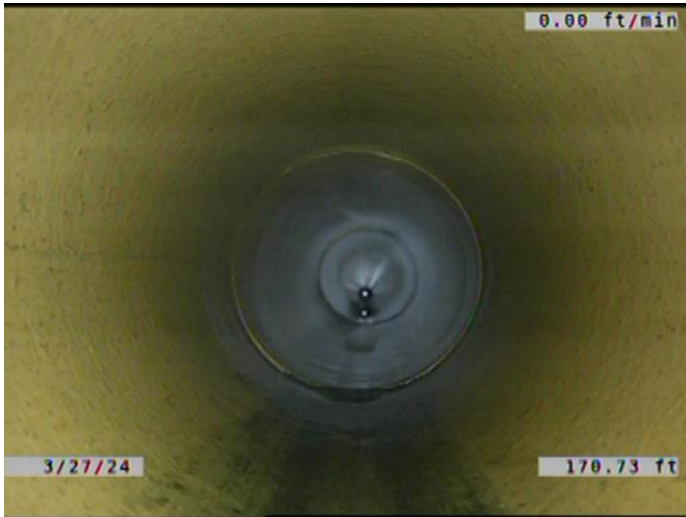
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **153.2**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **70.000**
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks:



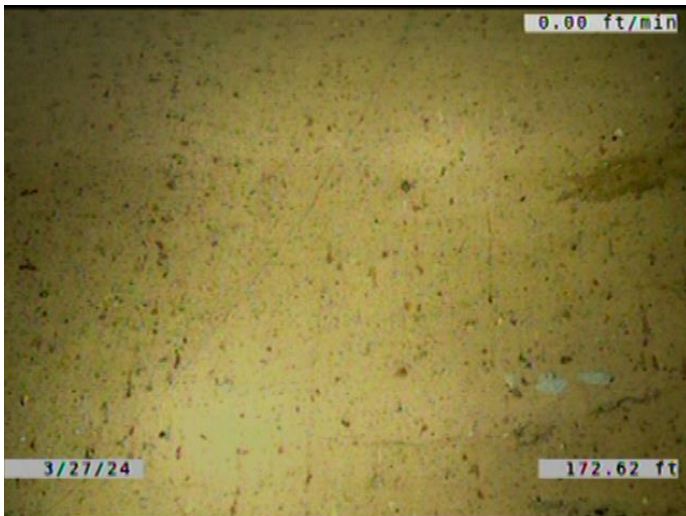
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **153.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



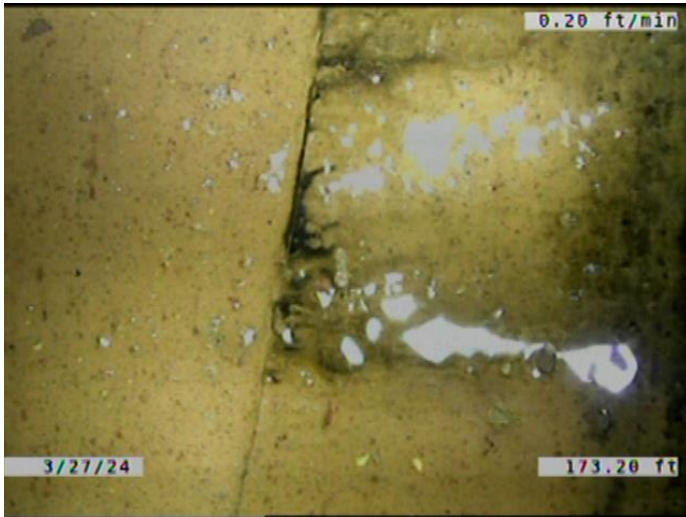
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **170.7**
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:



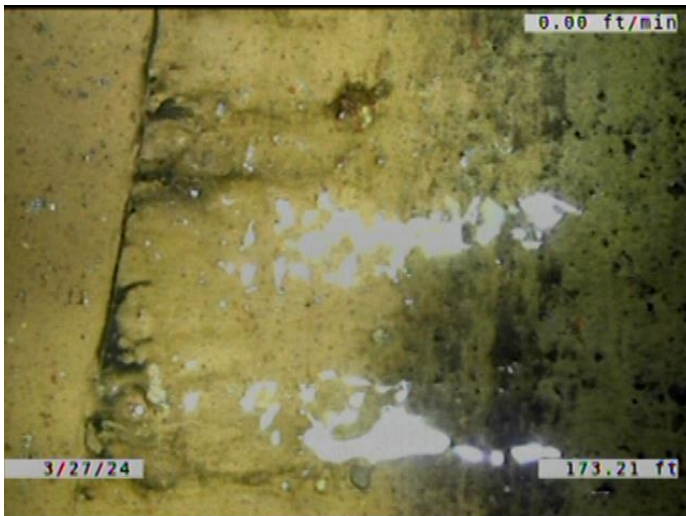
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **172.6**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **11**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



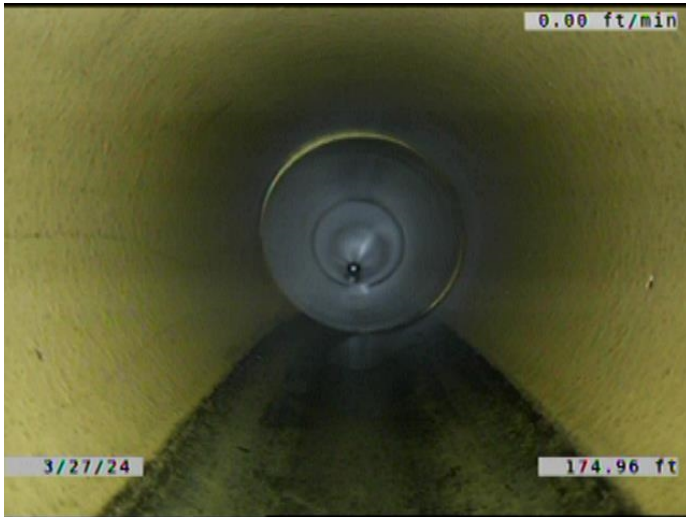
Code: **IRB**
Description: **Infiltration Runner Barrel**

Distance (ft): **173.2**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **8**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **173.2**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **6**
Clock To: **8**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



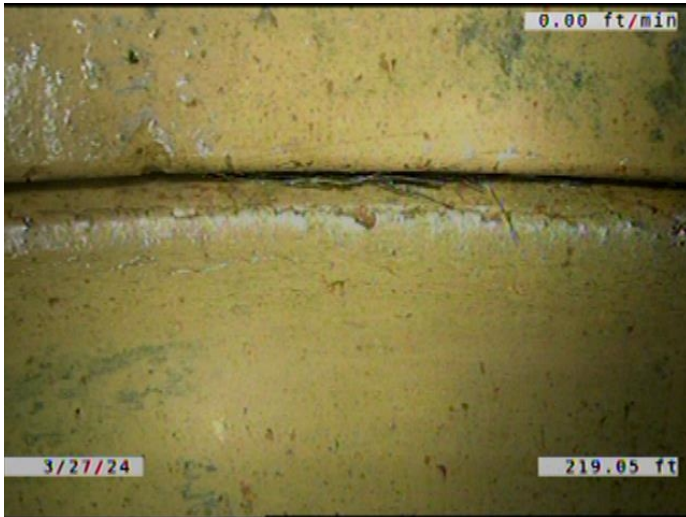
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **175.0**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **45.000**
Continuous Index: **S03**
Within 8" of Joint: **NO**
Remarks:



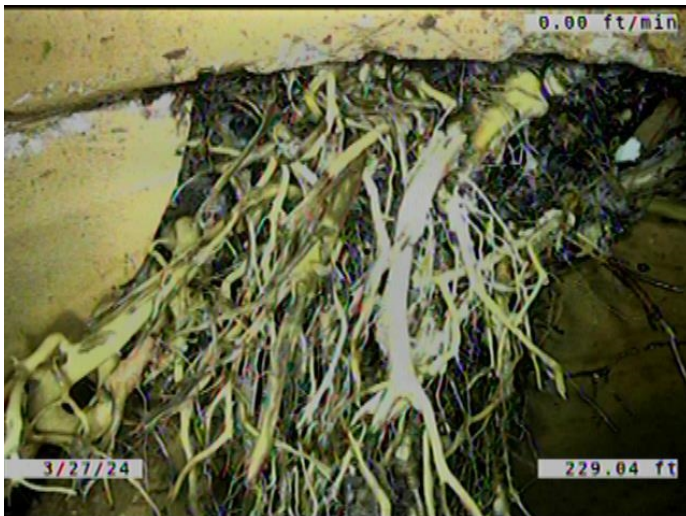
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **219.0**
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:



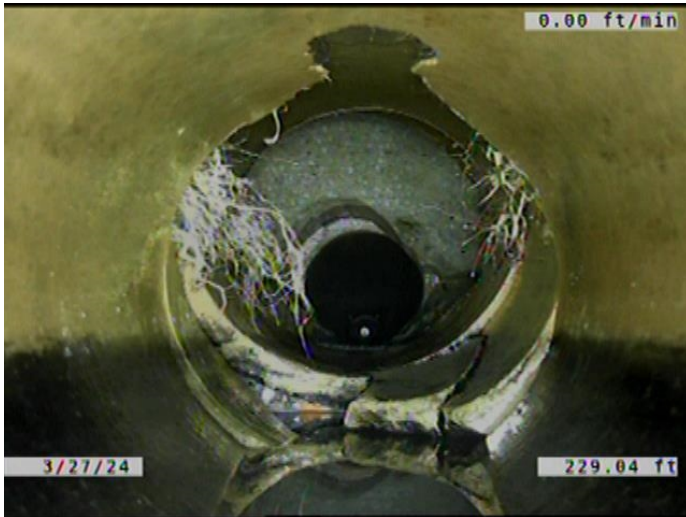
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **219.0**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **9**
 Clock To: **10**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



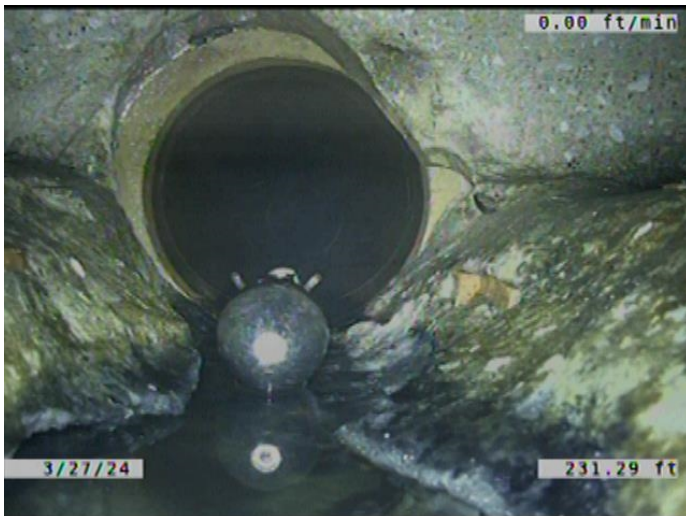
Code: **RMB**
 Description: **Roots Medium Barrel**

Distance (ft): **229.0**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From: **9**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



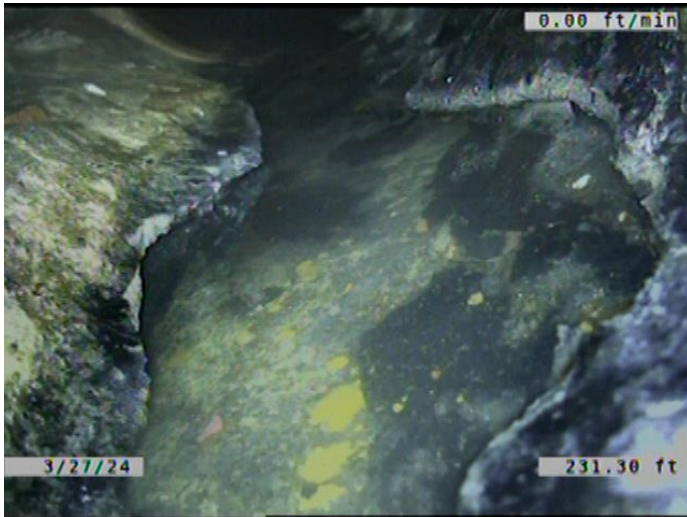
Code: **DR**
Description: **Deformed Rigid**

Distance (ft): **229.0**
Structural Grade: **5**
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: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **231.3**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **45.000**
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:



Code:	MGO
Description:	Miscellaneous General Observation
Distance (ft):	231.3
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:	CHANNEL MISSING IN THE MANHOLE.



Code:	AMH
Description:	Manhole
Distance (ft):	233.1
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