

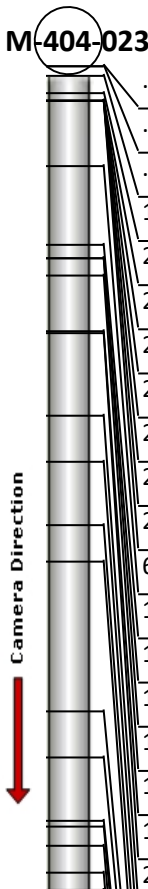
# Profile/Photo Observation Report



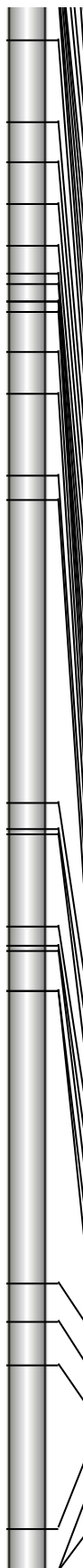
Date:	<b>09/03/2021</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>191.0</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Light Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-404-022-023</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>08/30/2021</b>	Shape:	<b>C</b>

Street:	<b>41st Avenue</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Alley</b>	Tape/Media #:	
Purpose:	<b>Routine Assessment</b>	Dia/Height:	<b>10"</b>
Use:	<b>Sanitary Sewage Pipe</b>	Material:	<b>VCP</b>
Drain Area:		Lining:	
Category:	<b>NA</b>		
Comment:			
Location Details:		Direction of Survey:	<b>Upstream</b>
US MH:	<b>M-404-022</b>	DS MH:	<b>M-404-023</b>
		Total Length Surveyed (ft):	<b>175.5</b>

O&M Index:	<b>1.93</b>	O&M Quick:	<b>4239</b>	O&M Rating:	<b>129.00</b>
Structural Index:	<b>3.00</b>	Structural Quick:	<b>5248</b>	Structural Rating:	<b>66.00</b>
Overall Index:	<b>2.19</b>	Overall Quick:	<b>524A</b>	Overall Rating:	<b>195.00</b>

Position	Code	Observation	Video (sec)	Grade
				
.0	AMH	Manhole	1	NA
.0	MWL	Miscellaneous Water Level	87	NA
.6	TF	Tap Factory	115	NA
1.8	OBN	Obstruction Construction Debris	140	M 2
2.4	MMC	Miscellaneous Material Change	201	NA
2.4	B	Broken	220	S 4
2.4	HVV	Hole Void Visible	236	S 5
2.4	JAL	Joint Angular Large	249	S 4
2.4	IRJ	Infiltration Runner Joint	267	M 4
2.4	RFJ	Roots Fine Joint	296	M 1
2.4	LR	Line Right	318	M 1
6.8	DSF(S01)	Deposits Settled Fine	350	M 2
12.2	RFJ	Roots Fine Joint	409	M 1
13.1	B	Broken	489	S 4
13.1	RMB	Roots Medium Barrel	517	M 4
14.4	TBD	Tap Break-in/Hammer Defective	572	M 3
18.1	LL	Line Left	608	M 1
18.3	RFJ	Roots Fine Joint	662	M 1
24.0	RFJ	Roots Fine Joint	734	M 1





27.1	RFJ	Roots Fine Joint	802	M 1
31.4	TF	Tap Factory	844	NA
34.0	MWLS(S02)	Miscellaneous Water Level Sag	870	S 2
44.2	FM	Fracture Multiple	931	S 4
47.4	RFJ	Roots Fine Joint	964	M 1
51.7	RML	Roots Medium Lateral	1041	M 3
52.1	TBI	Tap Break-in Intruding	1056	M 2
53.4	RFJ	Roots Fine Joint	1102	M 1
55.3	MWLS(F02)	Miscellaneous Water Level Sag	1127	S 2
56.5	RMJ	Roots Medium Joint	1153	M 3
59.7	RMJ	Roots Medium Joint	1191	M 3
65.9	RFJ	Roots Fine Joint	1255	M 1
69.0	RFJ	Roots Fine Joint	1313	M 1
72.1	RMJ	Roots Medium Joint	1367	M 3
75.2	RMJ	Roots Medium Joint	1405	M 3
77.3	B	Broken	1500	S 4
78.2	RFJ	Roots Fine Joint	1539	M 1
79.4	RML	Roots Medium Lateral	1586	M 3
79.5	TFD	Tap Factory Defective	1610	M 3
80.3	RFJ	Roots Fine Joint	1680	M 1
83.3	RFJ	Roots Fine Joint	1785	M 1
86.5	RFJ	Roots Fine Joint	1824	M 1
92.6	RFJ	Roots Fine Joint	1890	M 1
94.4	MWLS(S03)	Miscellaneous Water Level Sag	1917	S 2
117.4	CS	Crack Spiral	2061	S 2
119.3	RML	Roots Medium Lateral	2119	M 3
119.7	TBI	Tap Break-in Intruding	2145	M 2
126.7	FM(S04)	Fracture Multiple	2221	S 4
128.1	TF	Tap Factory	2249	NA
128.5	BVV	Broken Void Visible	2313	S 5
131.6	MWLS(F03)	Miscellaneous Water Level Sag	2347	S 2
131.6	FM(F04)	Fracture Multiple	2357	S 4
153.6	B	Broken	2463	S 4
156.6	LL	Line Left	2525	M 1
159.8	LR	Line Right	2565	M 1
172.2	FM	Fracture Multiple	2653	S 4
175.5	TBI	Tap Break-in Intruding	2740	M 2
175.5	DSF(F01)	Deposits Settled Fine	2763	M 2
175.5	MSA	Miscellaneous Survey Abandoned	2772	NA

M-404-022





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-404-023**

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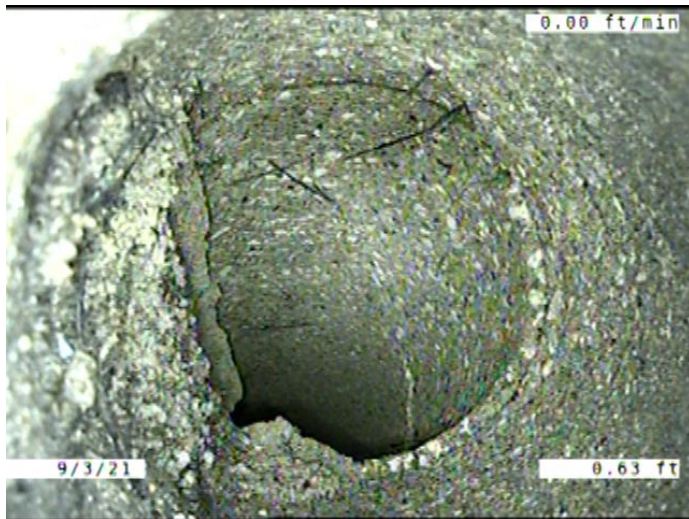


Code: **MWL**  
Description: **Miscellaneous Water Level**

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:

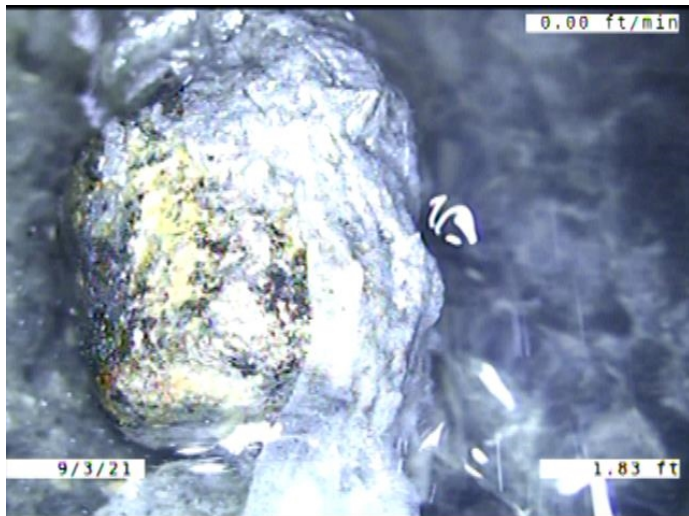
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Code: **TF**  
Description: **Tap Factory**

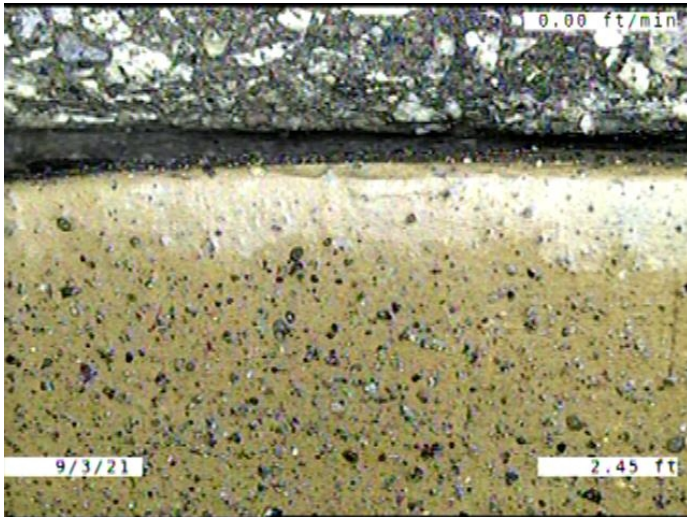
Distance (ft): **.6**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:



Code: **OBN**  
Description: **Obstruction Construction Debris**

Distance (ft): **1.8**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **6**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **METAL PIPE WITH TP**

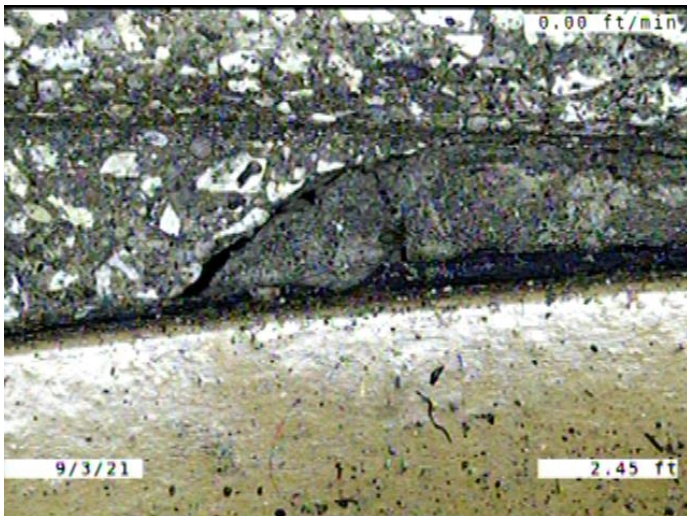




Code: **MMC**  
Description: **Miscellaneous Material Change**

Distance (ft): **2.4**  
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: **CONCRETE TO VCP**

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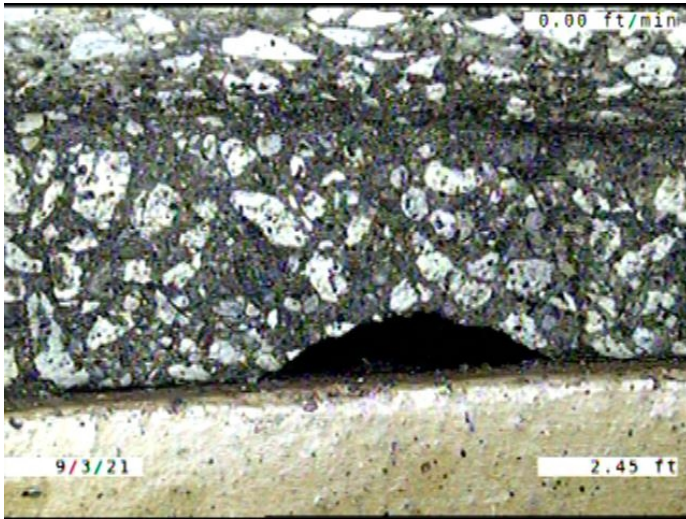


Code: **B**  
Description: **Broken**

Distance (ft): **2.4**  
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: **OUTSIDE OF THE JOINT**

---

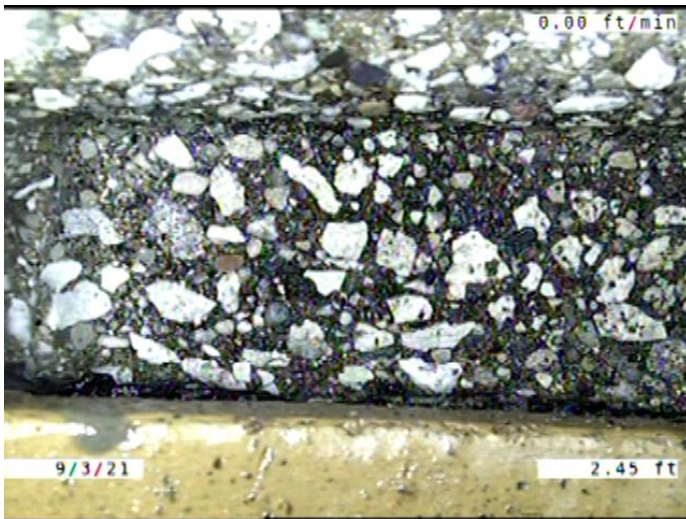




Code: **HVV**  
Description: **Hole Void Visible**

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

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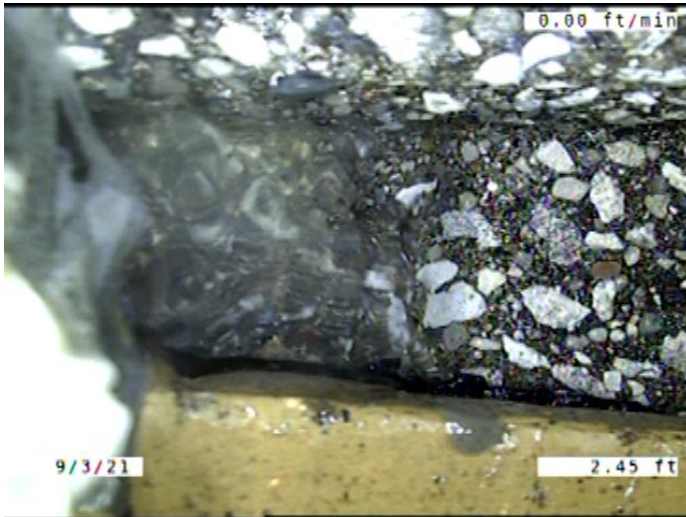


Code: **JAL**  
Description: **Joint Angular Large**

Distance (ft): **2.4**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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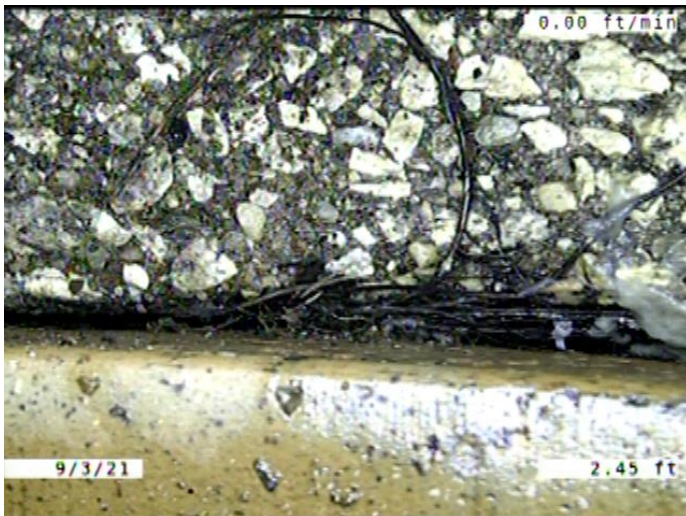




Code: **IRJ**  
 Description: **Infiltration Runner Joint**

Distance (ft): **2.4**  
 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:

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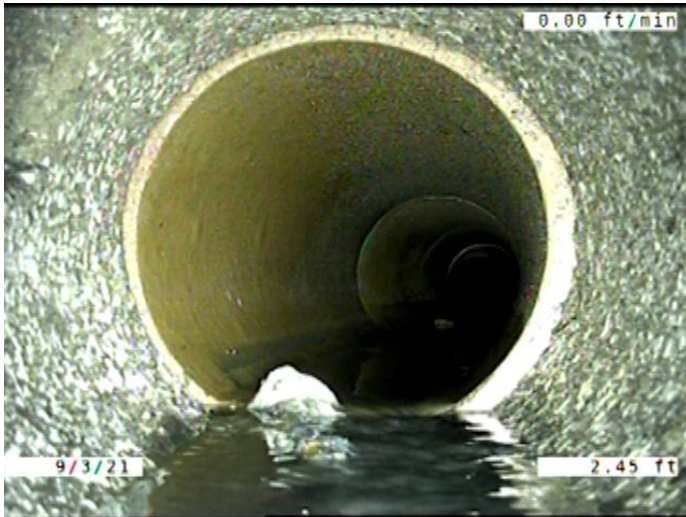


Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **2.4**  
 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: **YES**  
 Remarks:

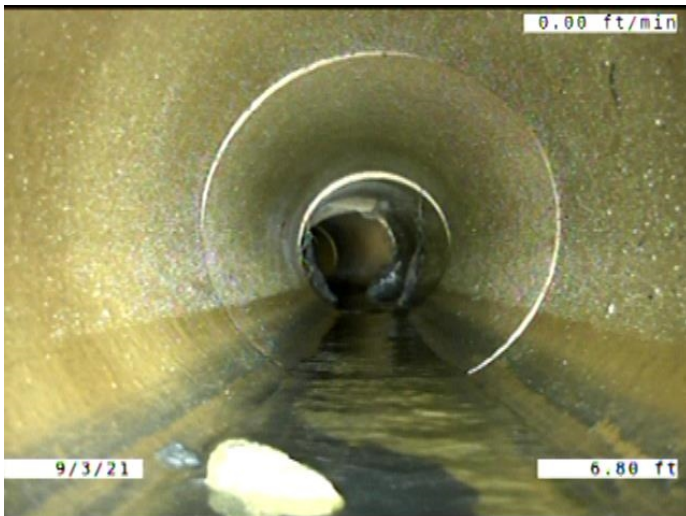
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Code: **LR**  
 Description: **Line Right**

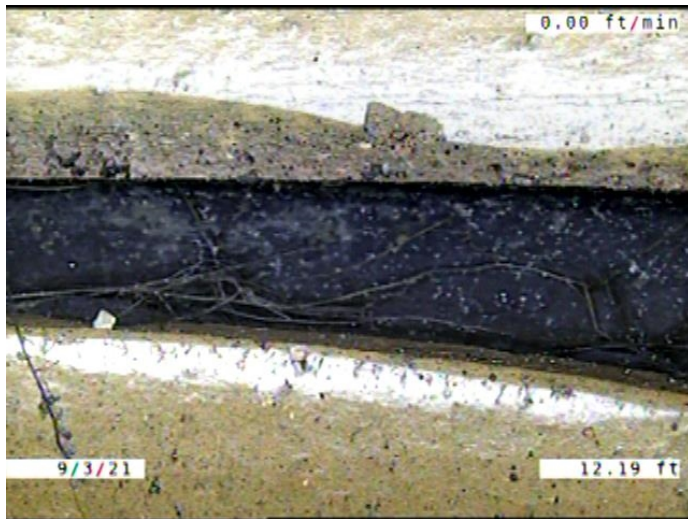
Distance (ft): **2.4**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **DSF**  
 Description: **Deposits Settled Fine**

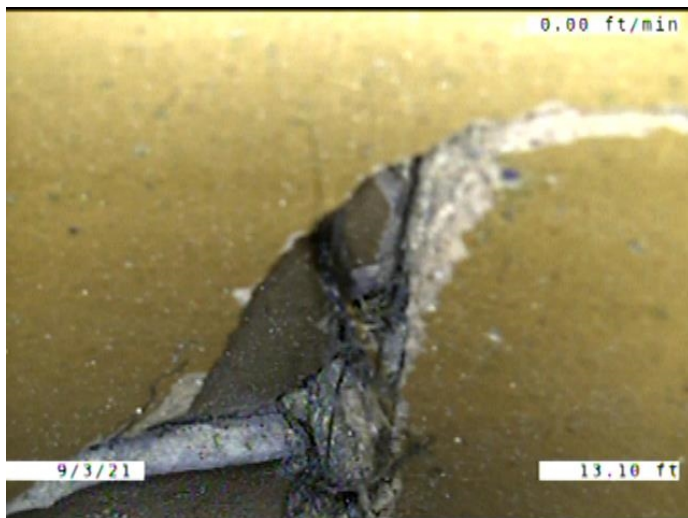
Distance (ft): **6.8**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S01**  
 Within 8" of Joint: **YES**  
 Remarks:





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

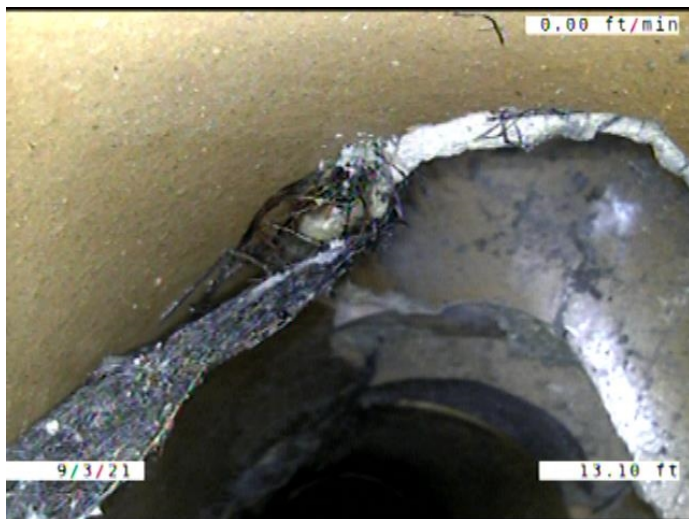
Distance (ft): **12.2**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

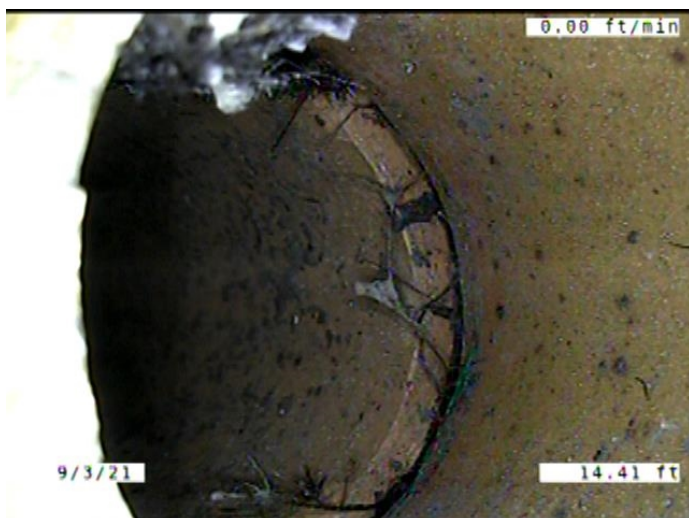
Distance (ft): **13.1**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





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

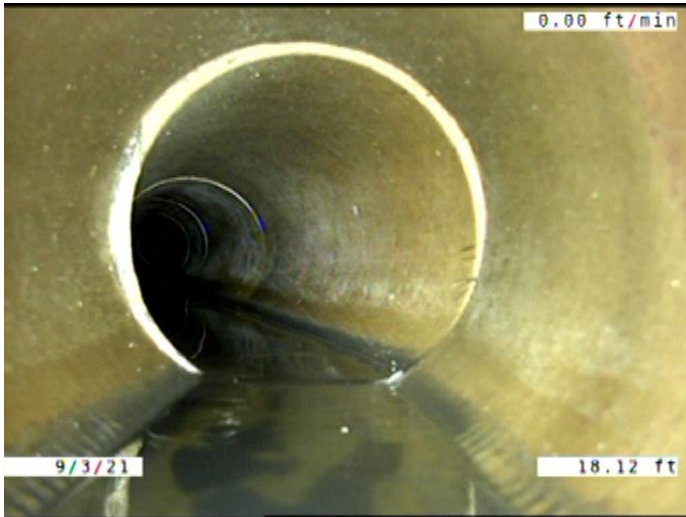
Distance (ft): **13.1**  
 Structural Grade: **0**  
 O&M Grade: **4**  
 Clock Start/From: **9**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **TBD**  
 Description: **Tap Break-in/Hammer Defective**

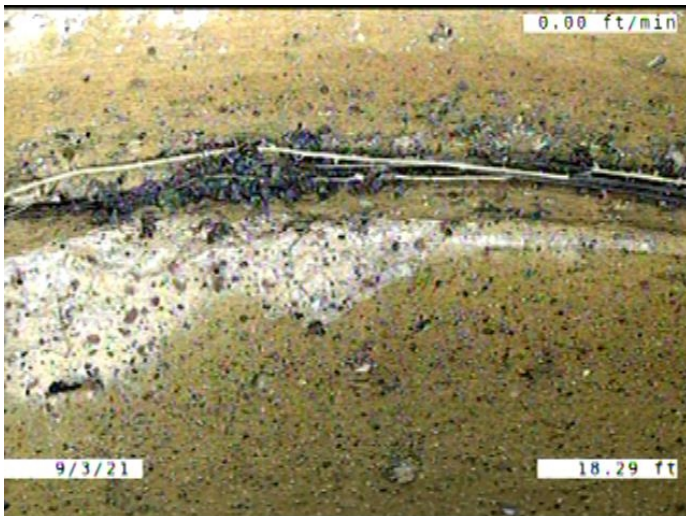
Distance (ft): **14.4**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **10**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **Debris**





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

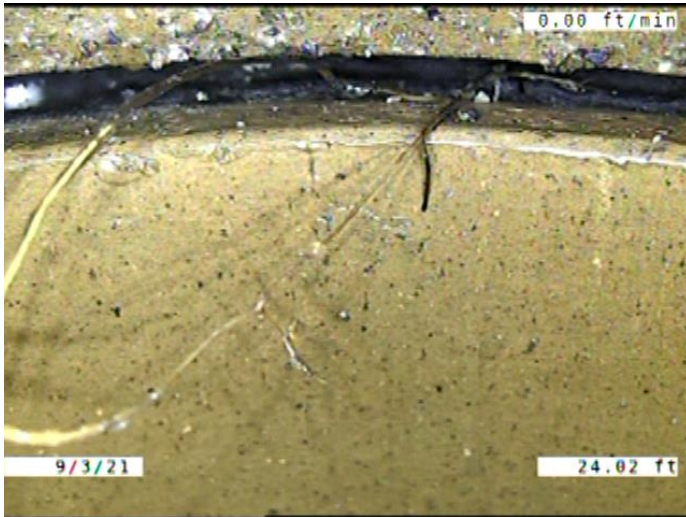
Distance (ft): **18.1**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

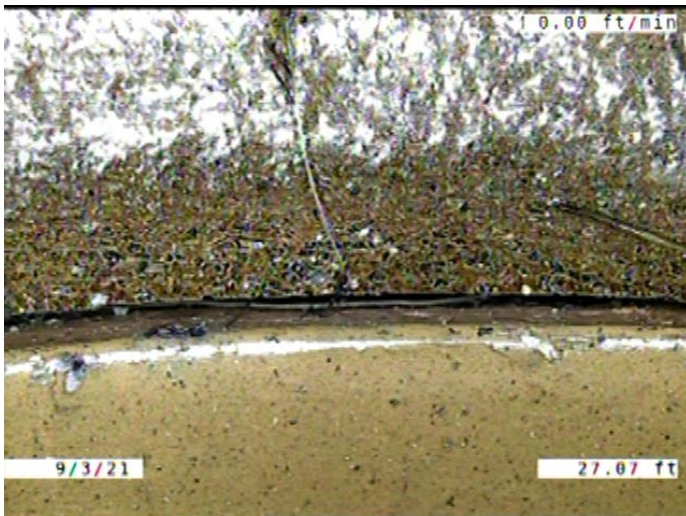
Distance (ft): **18.3**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





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

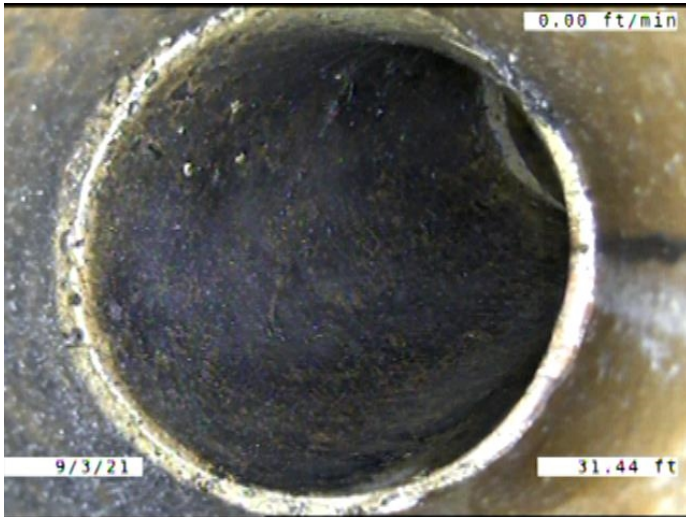
Distance (ft): **24.0**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **10**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



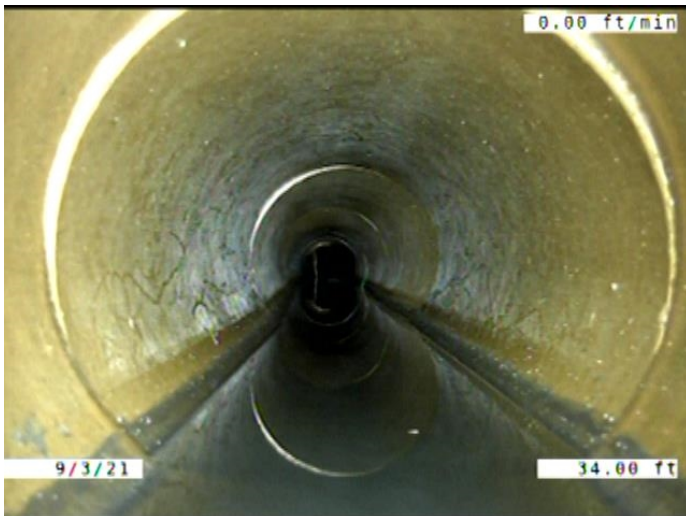
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **27.1**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **10**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



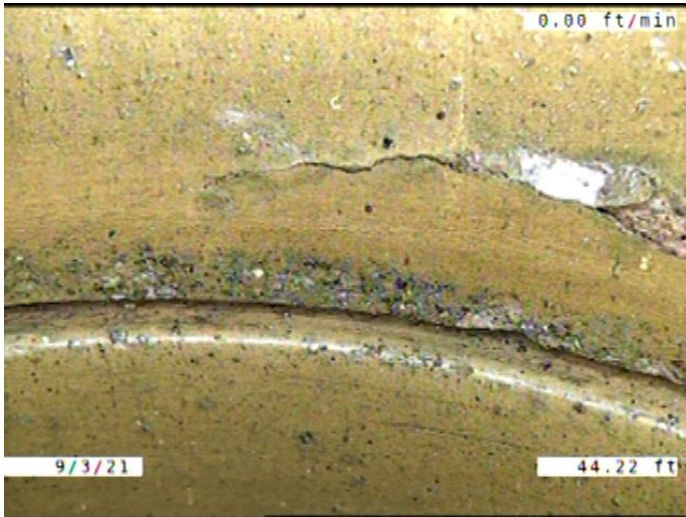


Code:	<b>TF</b>
Description:	<b>Tap Factory</b>
Distance (ft):	<b>31.4</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>2</b>
Clock To:	
1st Value:	<b>6.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>CONSTANTLY RUNNING WATER</b>



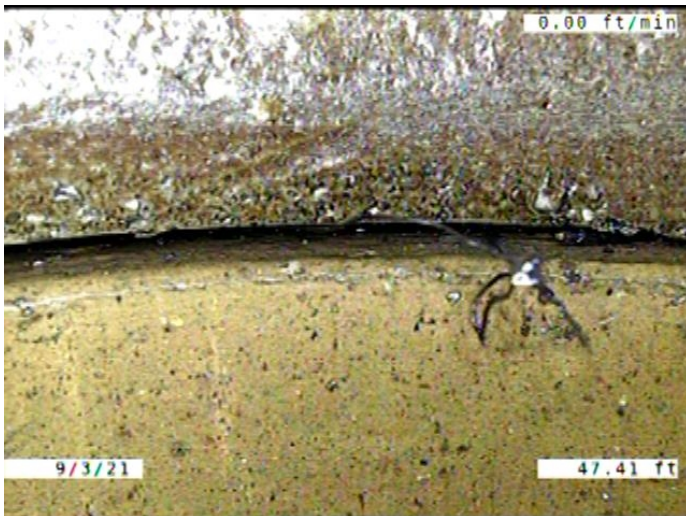
Code:	<b>MWLS</b>
Description:	<b>Miscellaneous Water Level Sag</b>
Distance (ft):	<b>34.0</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	<b>S02</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	





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

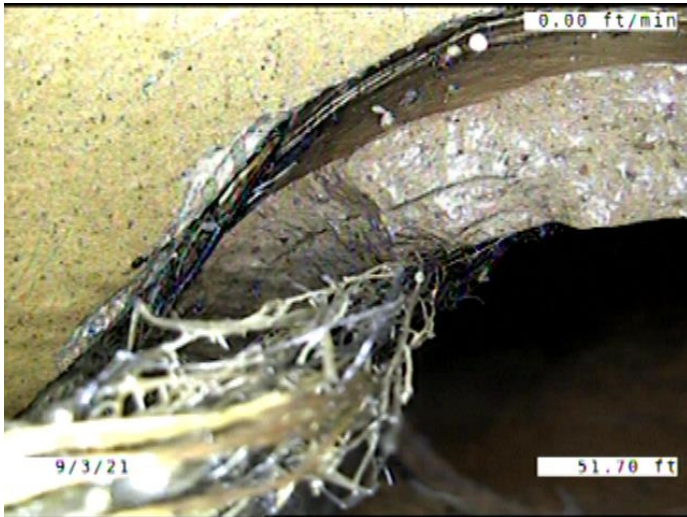
Distance (ft): **44.2**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

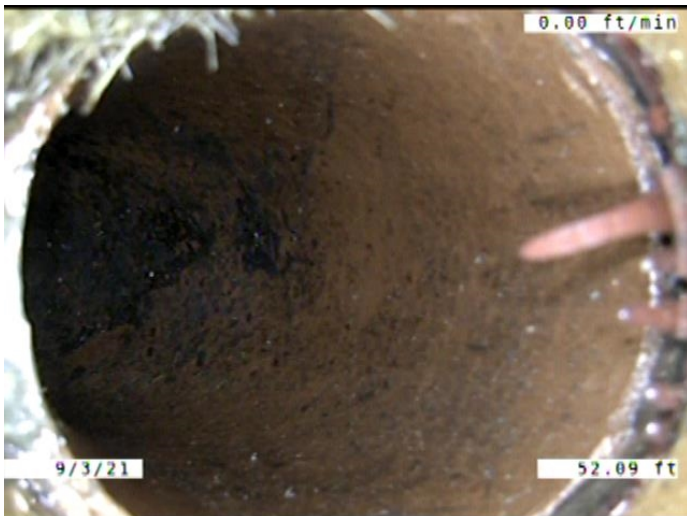
Distance (ft): **47.4**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To: **10**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





Code: **RML**  
 Description: **Roots Medium Lateral**

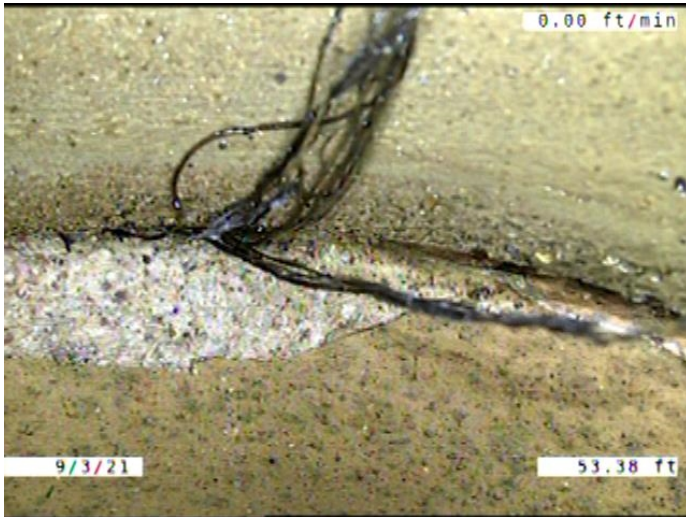
Distance (ft): **51.7**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **10**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **TBI**  
 Description: **Tap Break-in Intruding**

Distance (ft): **52.1**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

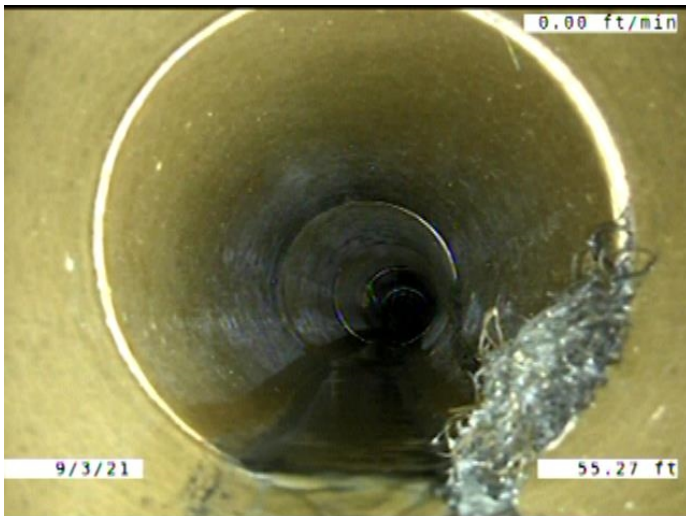




Code: **RFJ**  
Description: **Roots Fine Joint**

Distance (ft): **53.4**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **10**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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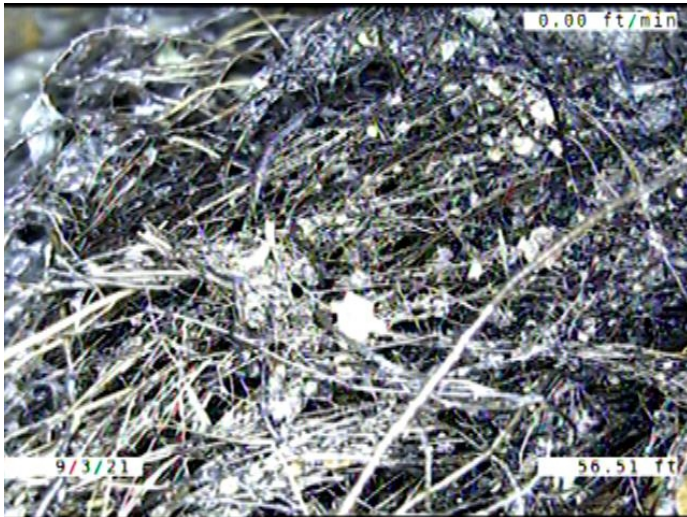


Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **55.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F02**  
Within 8" of Joint: **NO**  
Remarks:

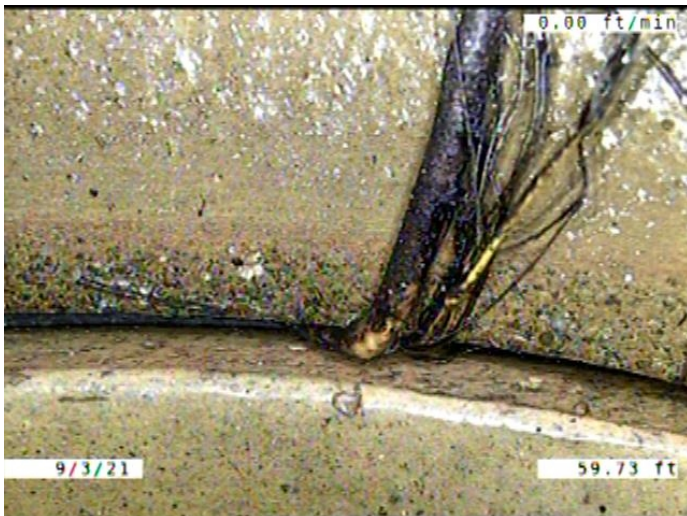
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Code: **RMJ**  
 Description: **Roots Medium Joint**

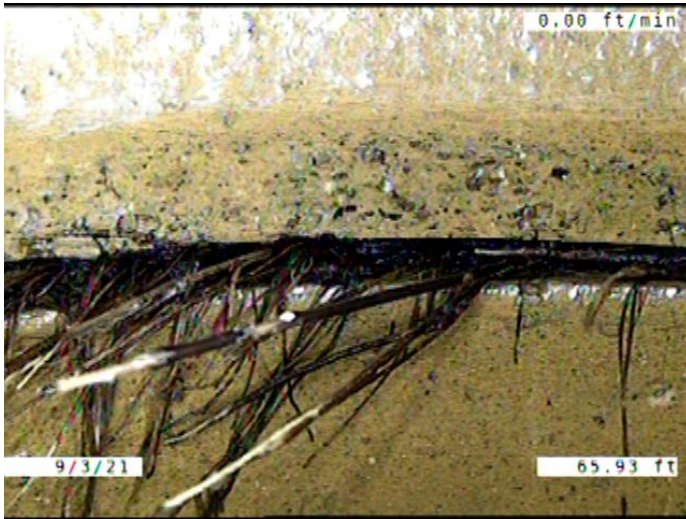
Distance (ft): **56.5**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **2**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

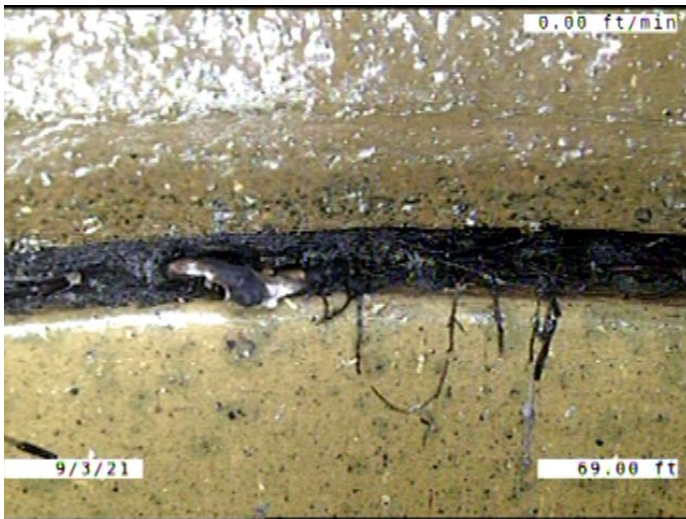
Distance (ft): **59.7**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **3**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





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

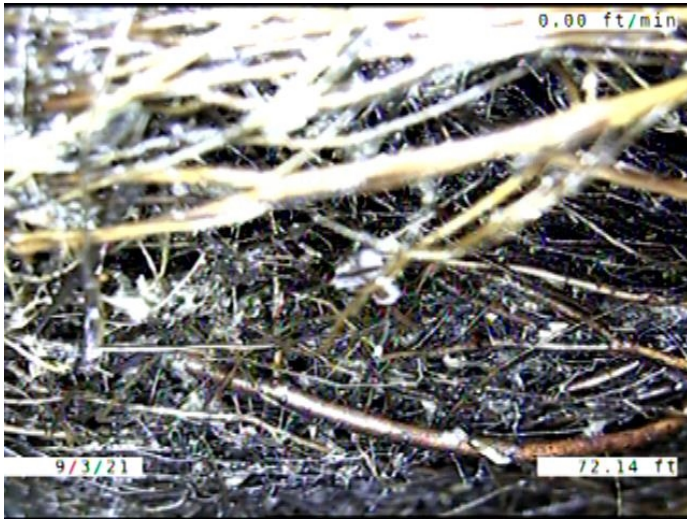
Distance (ft): **65.9**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

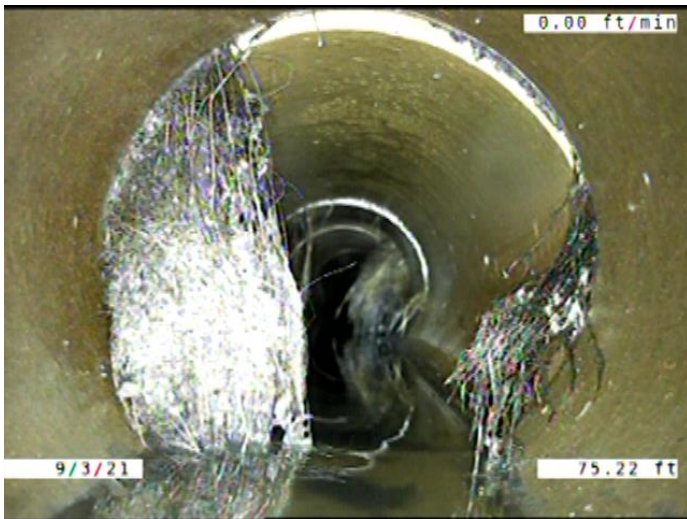
Distance (ft): **69.0**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **7**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





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

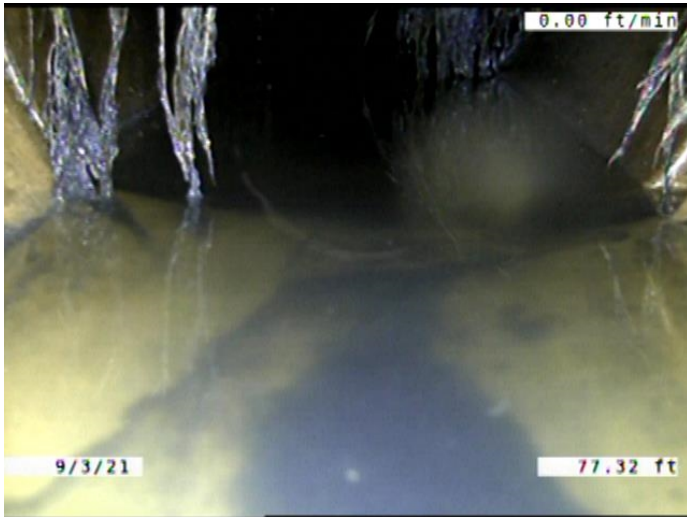
Distance (ft): **72.1**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **7**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

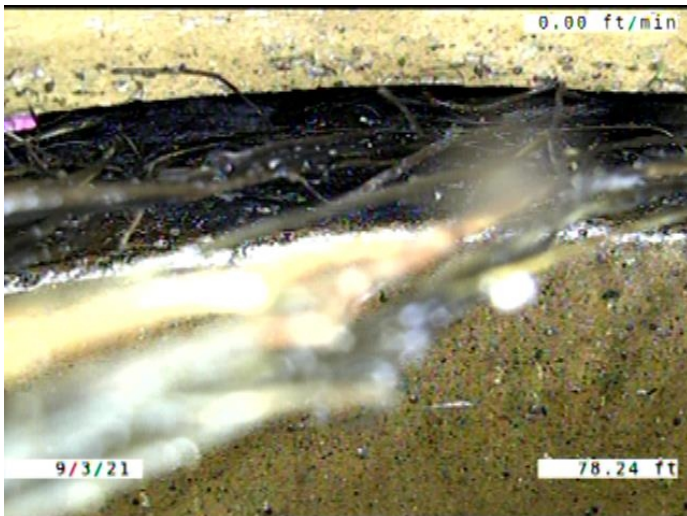
Distance (ft): **75.2**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **7**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent: **30.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





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

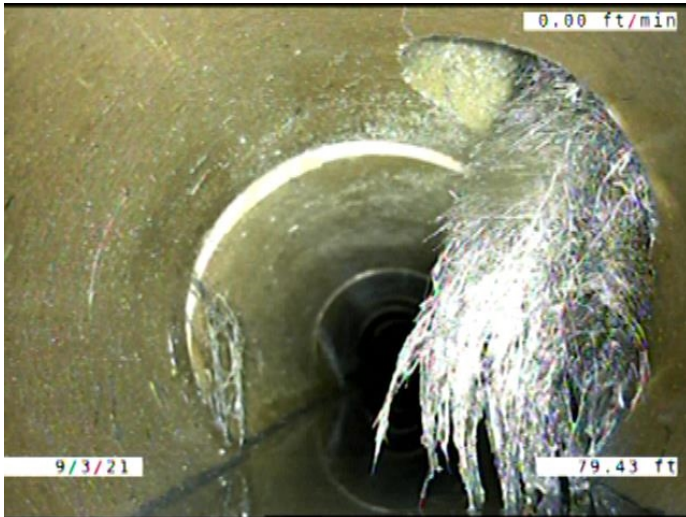
Distance (ft): **77.3**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **5**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

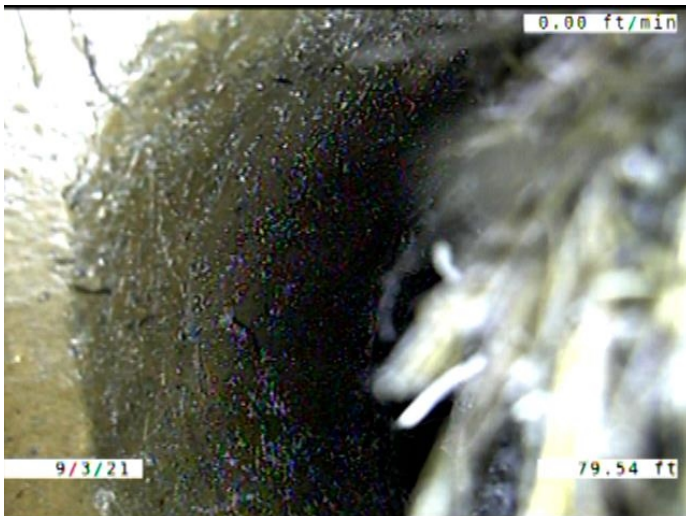
Distance (ft): **78.2**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **7**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





Code: **RML**  
 Description: **Roots Medium Lateral**

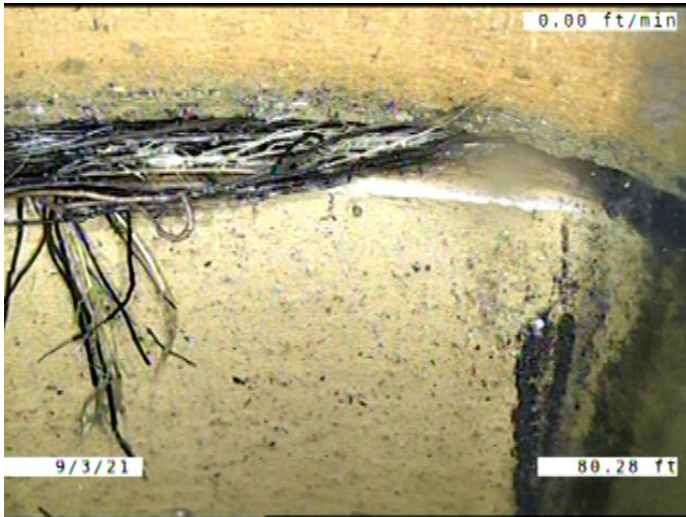
Distance (ft): **79.4**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **20.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **TFD**  
 Description: **Tap Factory Defective**

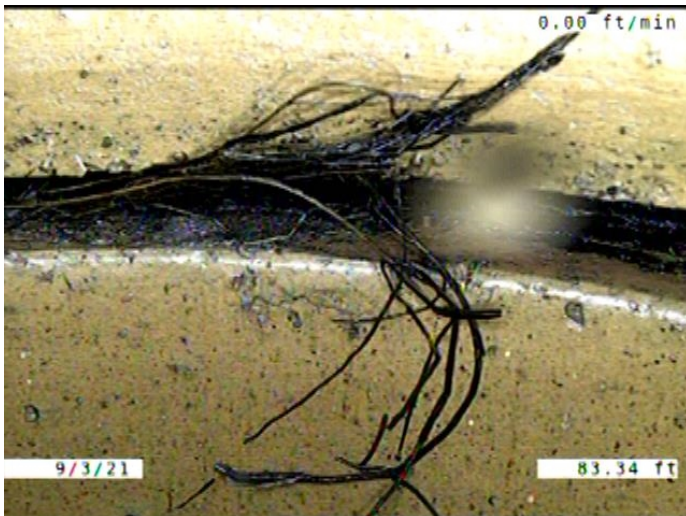
Distance (ft): **79.5**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **Debris**





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

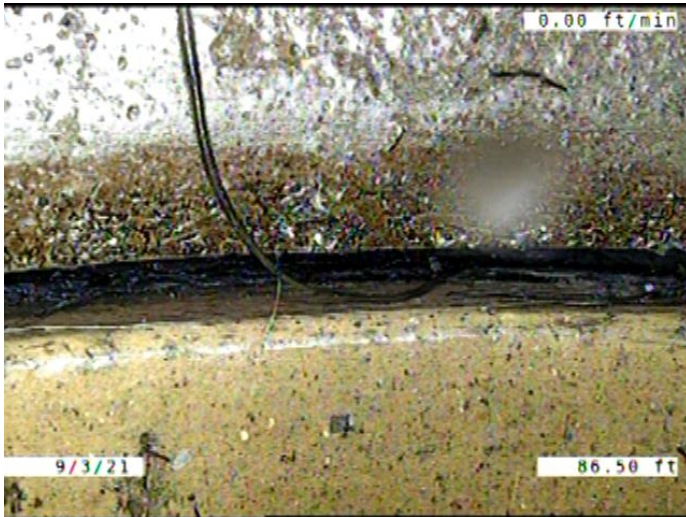
Distance (ft): **80.3**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **83.3**  
 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:

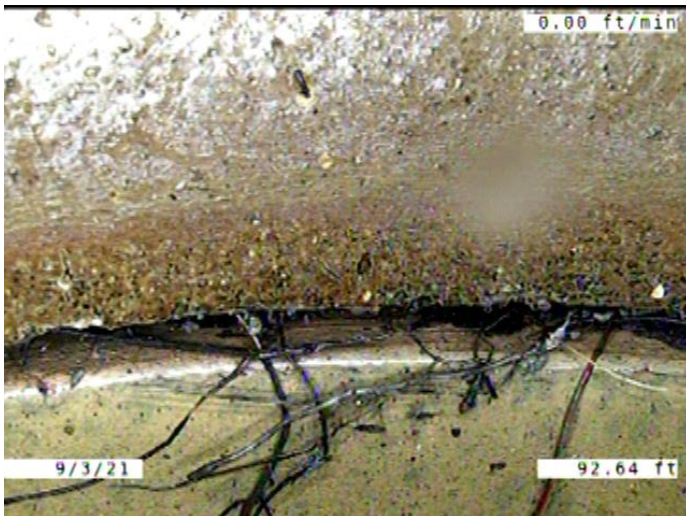




Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **86.5**  
 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:

---

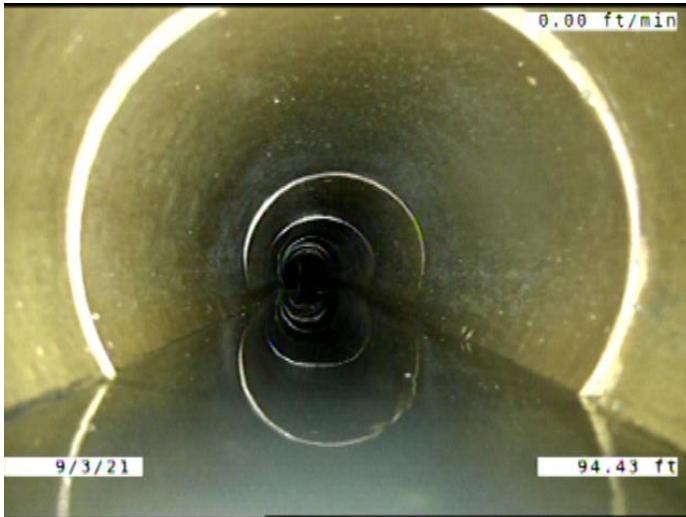


Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **92.6**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

---

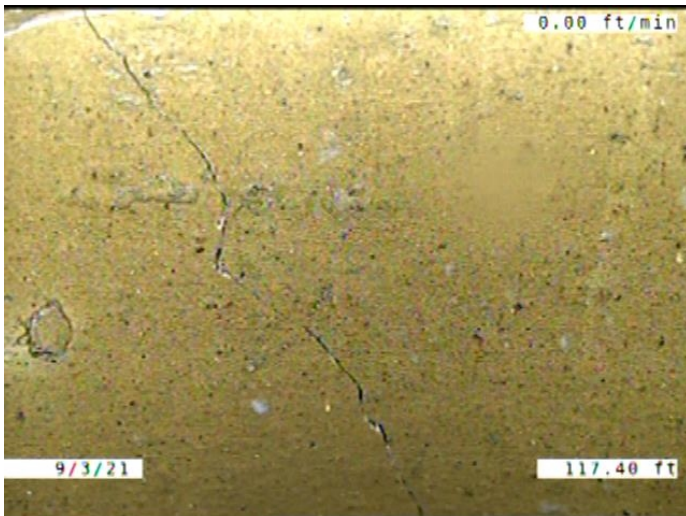




Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **94.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S03**  
Within 8" of Joint: **NO**  
Remarks:

---

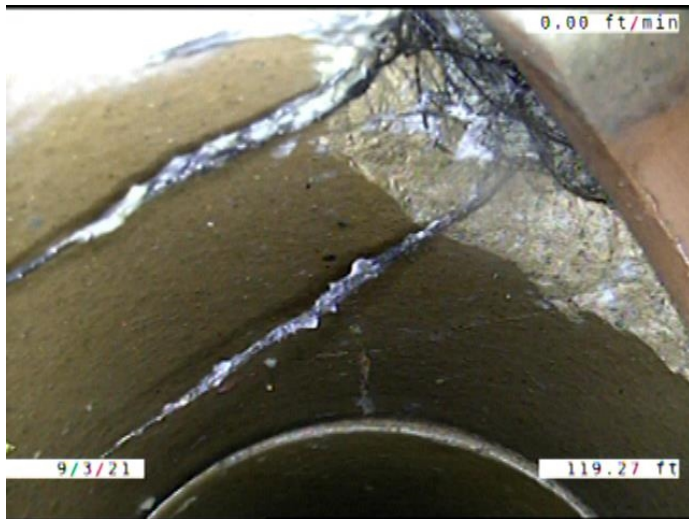


Code: **CS**  
Description: **Crack Spiral**

Distance (ft): **117.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

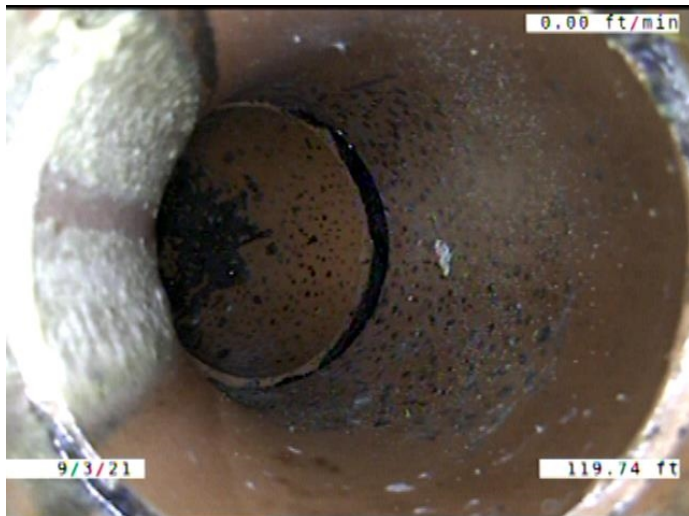
---





Code: **RML**  
Description: **Roots Medium Lateral**

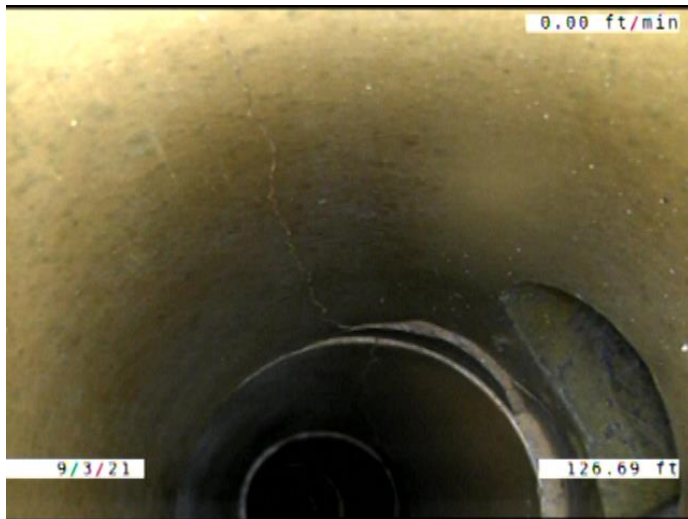
Distance (ft): **119.3**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **10**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



Code: **TBI**  
Description: **Tap Break-in Intruding**

Distance (ft): **119.7**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To:  
1st Value: **6.000**  
2nd Value: **1.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

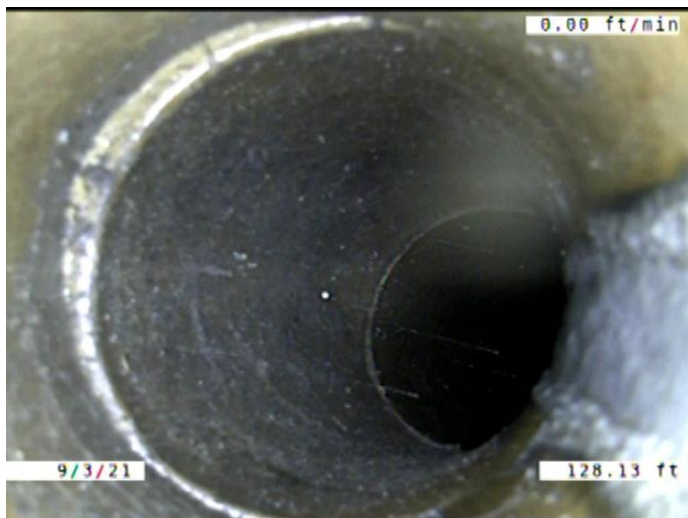




Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **126.7**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S04**  
Within 8" of Joint: **YES**  
Remarks:

---

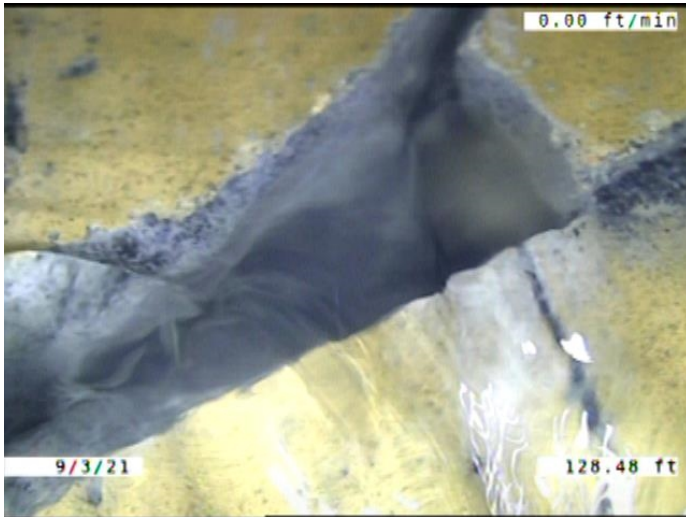


Code: **TF**  
Description: **Tap Factory**

Distance (ft): **128.1**  
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: **BVV**  
 Description: **Broken Void Visible**

Distance (ft): **128.5**  
 Structural Grade: **5**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **131.6**  
 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:

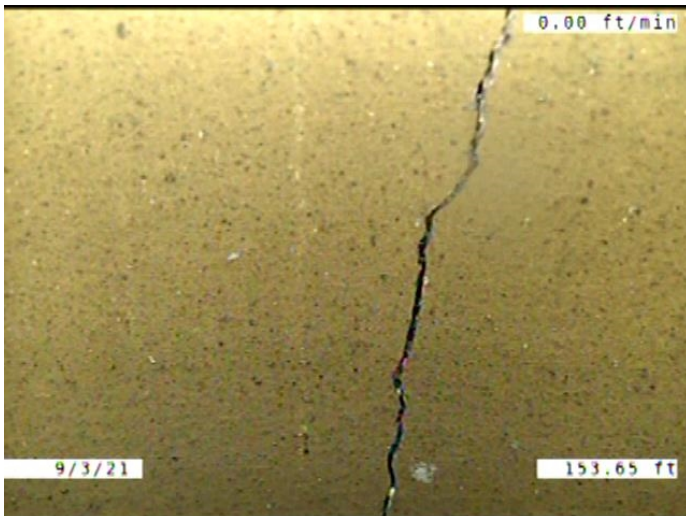




Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **131.6**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F04**  
Within 8" of Joint: **YES**  
Remarks:

---

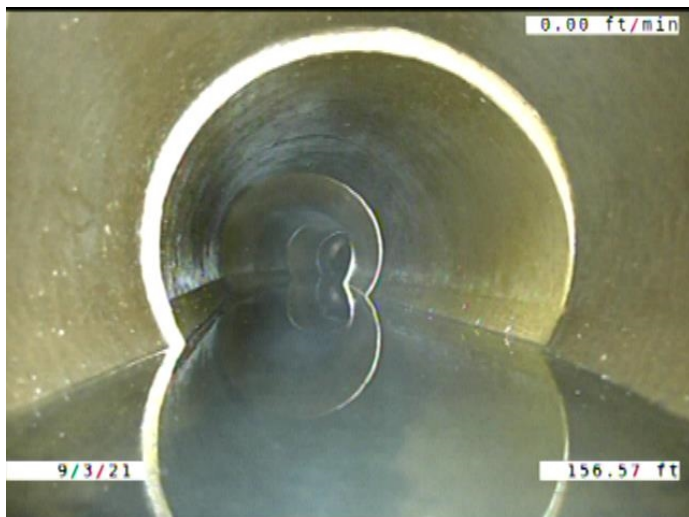


Code: **B**  
Description: **Broken**

Distance (ft): **153.6**  
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:

---

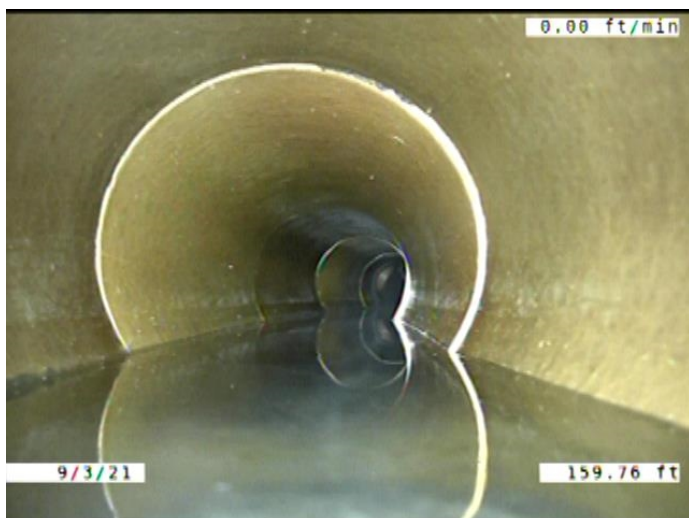




Code: **LL**  
Description: **Line Left**

Distance (ft): **156.6**  
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:

---

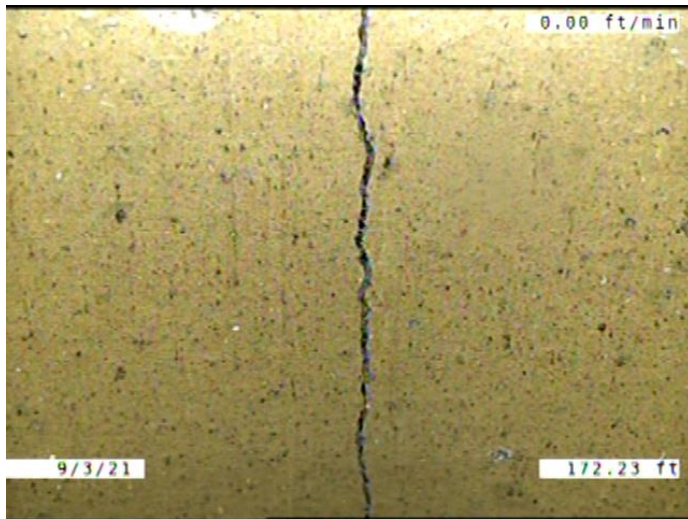


Code: **LR**  
Description: **Line Right**

Distance (ft): **159.8**  
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:

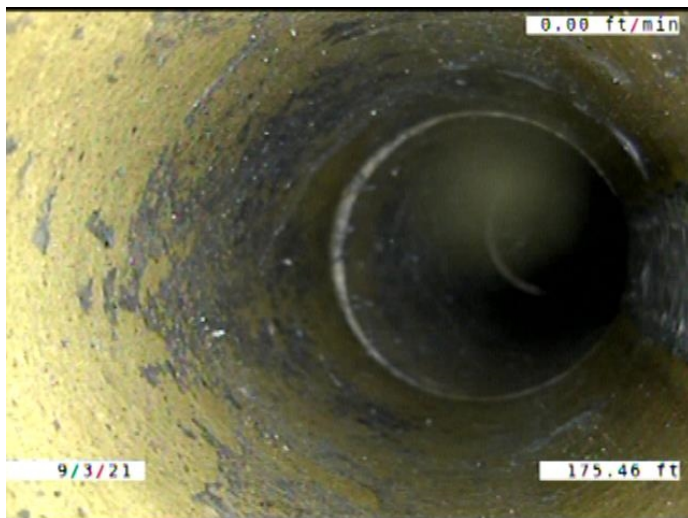
---





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

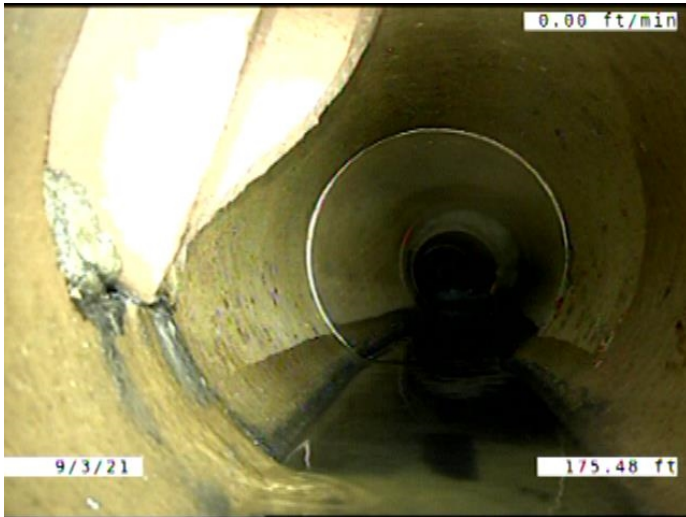
Distance (ft): **172.2**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **TBI**  
 Description: **Tap Break-in Intruding**

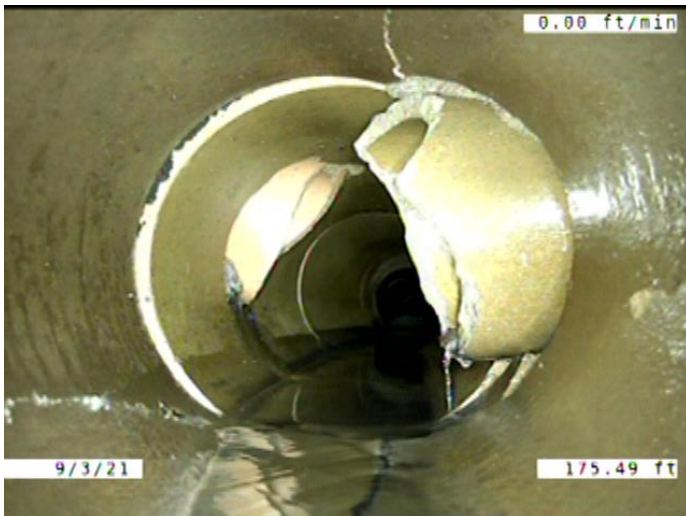
Distance (ft): **175.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value: **4.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:





Code: **DSF**  
 Description: **Deposits Settled Fine**

Distance (ft): **175.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F01**  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **MSA**  
 Description: **Miscellaneous Survey Abandoned**

Distance (ft): **175.5**  
 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: **CAMERA CANT MAKE IT PAST PROTRUDING TAP**