

# Profile/Photo Observation Report



Date:	11/01/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	171.7	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-504-030-023
Customer:	City of Hobart	Clean Date:	10/28/2021	Shape:	C

Street:	North Colorado Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Alley	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	12"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Upstream
US MH:	M-504-023	DS MH:	M-504-030
		Total Length Surveyed (ft):	171.7

O&M Index:	2.06	O&M Quick:	413A	O&M Rating:	109.00
Structural Index:	2.86	Structural Quick:	5145	Structural Rating:	63.00
Overall Index:	2.29	Overall Quick:	5146	Overall Rating:	172.00

M-504-030

Camera Direction

Position	Code	Observation	Video (sec)	Grade
.0	AMH	Manhole	1	NA
.0	MWL	Miscellaneous Water Level	77	NA
3.0	SSS	Surface Damage Surface Spalling	121	S 2
35.1	SSS	Surface Damage Surface Spalling	254	S 2
37.6	JOM	Joint Offset Medium	282	S 3
37.8	DSF(S01)	Deposits Settled Fine	299	M 2
44.6	TFD	Tap Factory Defective	346	M 3
47.4	TFD	Tap Factory Defective	387	M 3
50.8	RFJ	Roots Fine Joint	440	M 1
50.8	FM	Fracture Multiple	475	S 4
52.3	TBI	Tap Break-in Intruding	518	M 2
54.7	SSS	Surface Damage Surface Spalling	569	S 2
54.7	RFC	Roots Fine Connection	580	M 1
55.0	TBI	Tap Break-in Intruding	604	M 2
61.4	RFJ	Roots Fine Joint	655	M 1
67.9	SSS	Surface Damage Surface Spalling	700	S 2
74.0	BVV	Broken Void Visible	794	S 5
74.0	DR	Deformed Rigid	813	S 4
74.1	IWB	Infiltration Weeper Barrel	836	M 2

76.1	TBI	Tap Break-in Intruding	922	M 2
77.0	RFJ	Roots Fine Joint	945	M 1
81.6	FM(S02)	Fracture Multiple	1029	S 4
81.6	JOM	Joint Offset Medium	1042	S 3
82.6	OBZ	Obstruction Other	1070	M 2
83.9	TFD	Tap Factory Defective	1110	M 3
86.3	TFD	Tap Factory Defective	1177	M 3
86.3	B	Broken	1188	S 4
87.9	FM(F02)	Fracture Multiple	1241	S 4
108.3	CM	Crack Multiple	1341	S 3
113.1	MWLS(S03)	Miscellaneous Water Level Sag	1380	S 2
116.1	SZ	Surface Damage Other	1419	NA
116.1	JAM	Joint Angular Medium	1448	S 3
118.1	SSS	Surface Damage Surface Spalling	1509	S 2
118.4	RMB	Roots Medium Barrel	1530	M 4
118.6	TBI	Tap Break-in Intruding	1553	M 2
120.5	TFD	Tap Factory Defective	1599	M 3
122.7	TFD	Tap Factory Defective	1653	M 3
123.3	JOM	Joint Offset Medium	1677	S 3
134.9	MWLS(F03)	Miscellaneous Water Level Sag	1812	S 2
139.3	RFJ	Roots Fine Joint	1902	M 1
141.8	RMJ	Roots Medium Joint	1943	M 3
144.5	RMJ	Roots Medium Joint	1988	M 3
147.0	RFJ	Roots Fine Joint	2036	M 1
149.7	RFJ	Roots Fine Joint	2097	M 1
151.8	SSS	Surface Damage Surface Spalling	2134	S 2
152.0	JOM	Joint Offset Medium	2160	S 3
154.7	RMJ	Roots Medium Joint	2214	M 3
154.7	B	Broken	2257	S 4
157.0	TBI	Tap Break-in Intruding	2322	M 2
157.2	RFC	Roots Fine Connection	2340	M 1
157.5	RFJ	Roots Fine Joint	2373	M 1
161.8	TFD	Tap Factory Defective	2416	M 3
164.4	TFC	Tap Factory Capped	2453	NA
169.9	DSF(F01)	Deposits Settled Fine	2504	M 2
171.7	AMH	Manhole	2593	NA

M-504-023



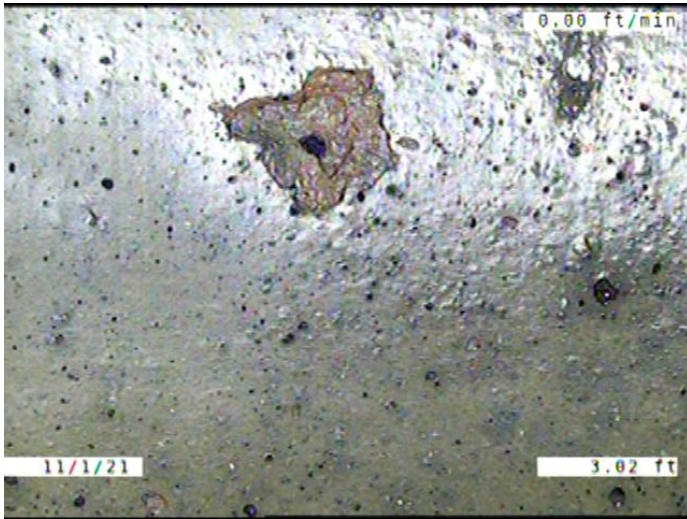
Code: **AMH**  
Description: **Manhole**

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-504-030**



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

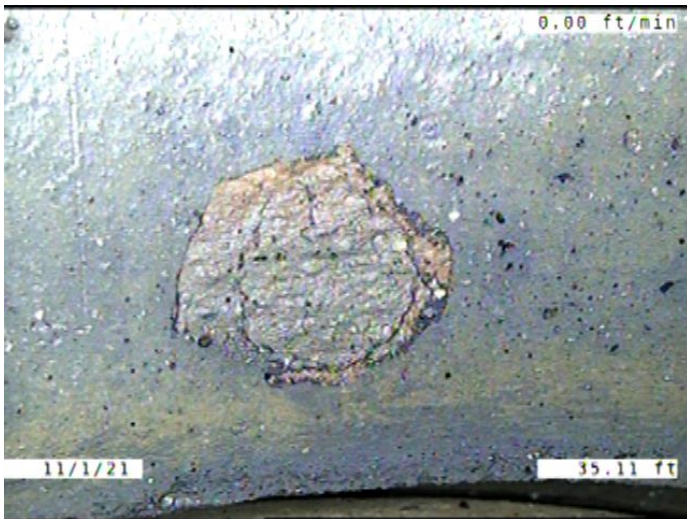
Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



Code: **SSS**  
Description: **Surface Damage Surface Spalling**

Distance (ft): **3.0**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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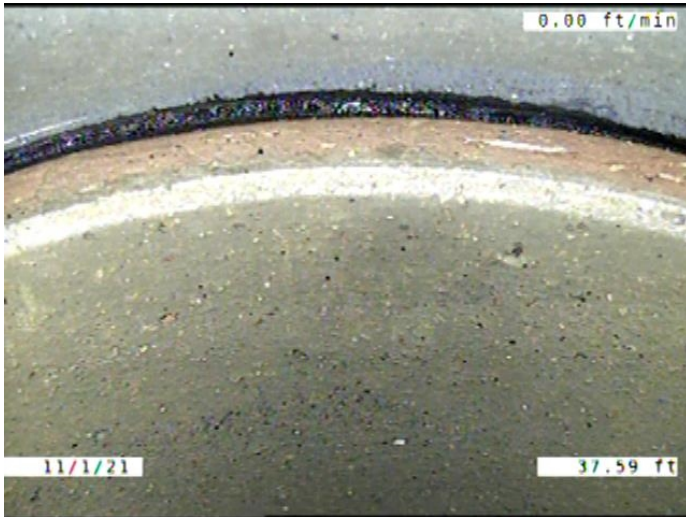


Code: **SSS**  
Description: **Surface Damage Surface Spalling**

Distance (ft): **35.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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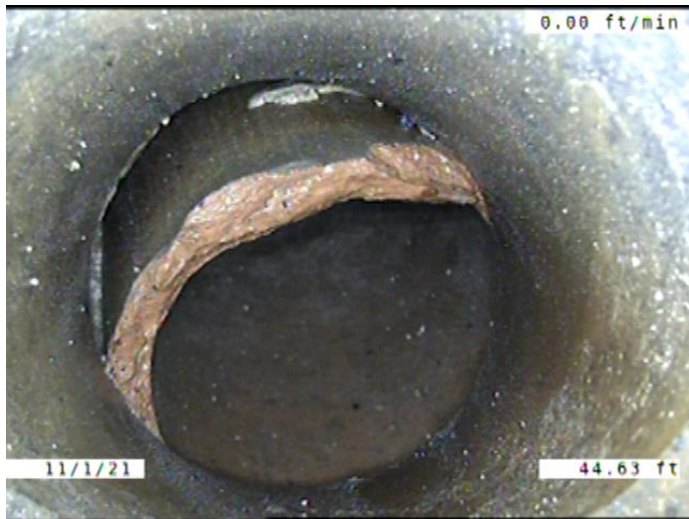
Code: **JOM**  
 Description: **Joint Offset Medium**

Distance (ft): **37.6**  
 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:



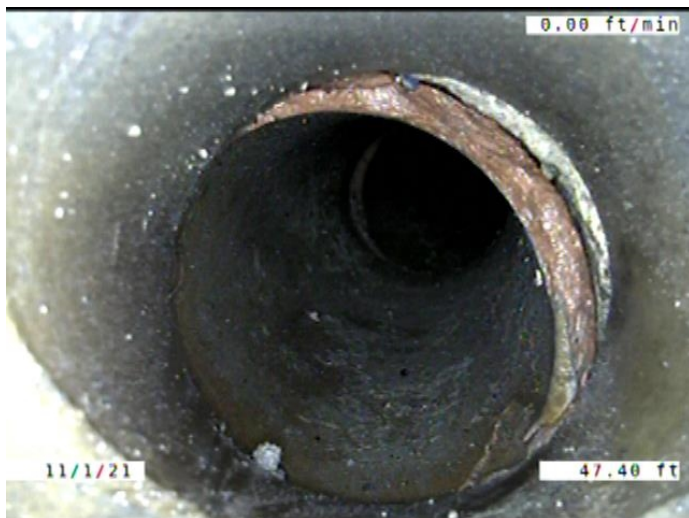
Code: **DSF**  
 Description: **Deposits Settled Fine**

Distance (ft): **37.8**  
 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:



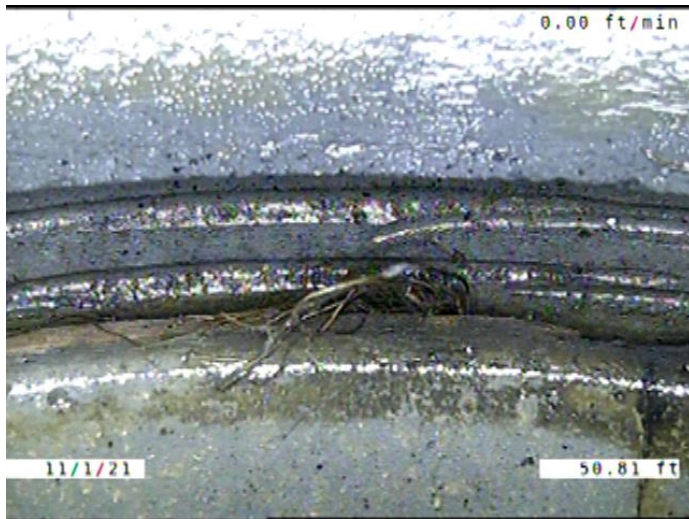
Code: **TFD**  
 Description: **Tap Factory Defective**

Distance (ft): **44.6**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **LARGE OFFSET. ANGLED JOINT**



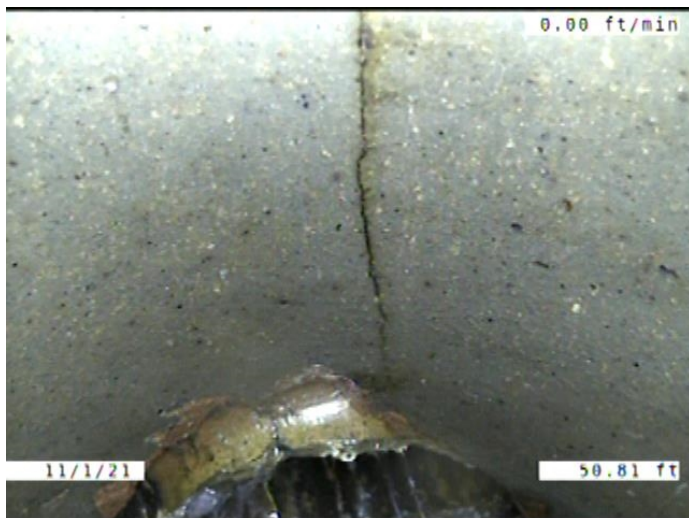
Code: **TFD**  
 Description: **Tap Factory Defective**

Distance (ft): **47.4**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **LARGE OFFSET. SOIL VISIBLE.**



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

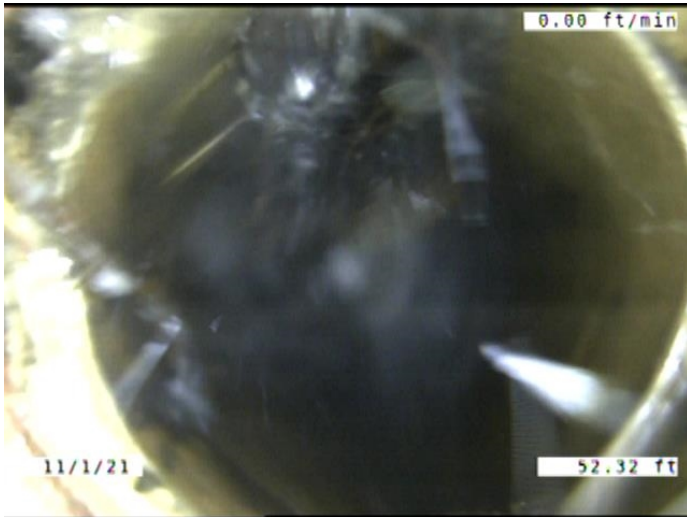
Distance (ft): **50.8**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:



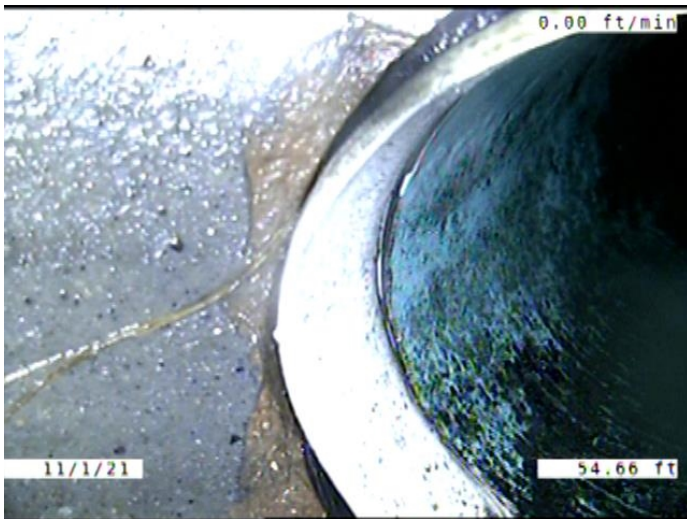
Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **50.8**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:



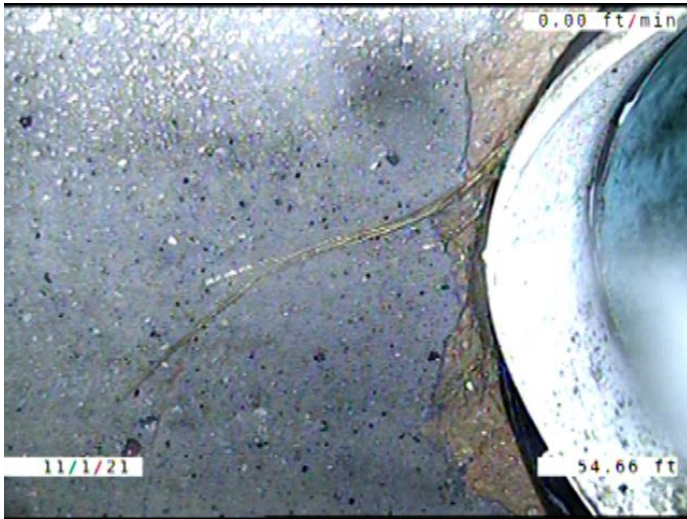


Code:	<b>TBI</b>
Description:	<b>Tap Break-in Intruding</b>
Distance (ft):	<b>52.3</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>12</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	<b>1.000</b>
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>ROOTS GROWING INTO THE MAIN.</b>



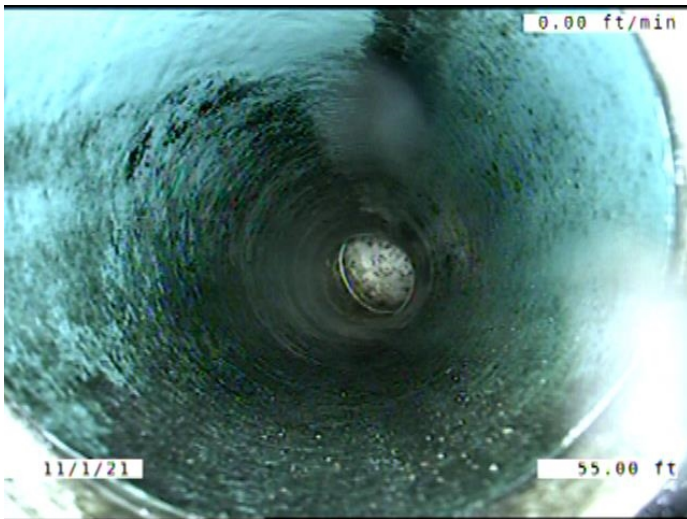
Code:	<b>SSS</b>
Description:	<b>Surface Damage Surface Spalling</b>
Distance (ft):	<b>54.7</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>11</b>
Clock To:	<b>1</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	





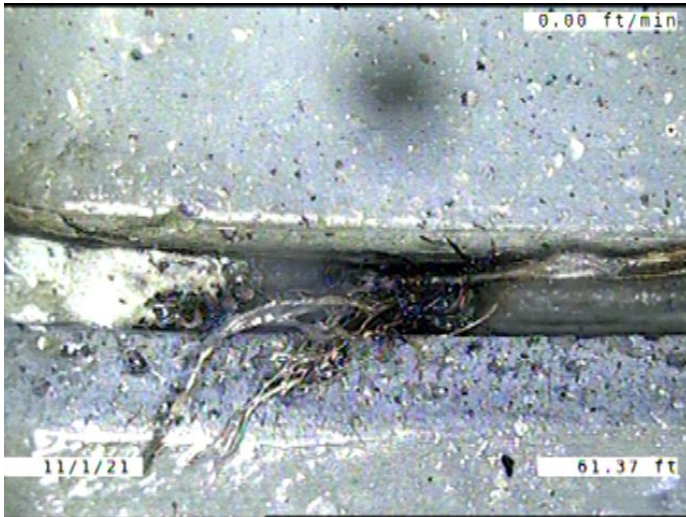
Code: **RFC**  
 Description: **Roots Fine Connection**

Distance (ft): **54.7**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



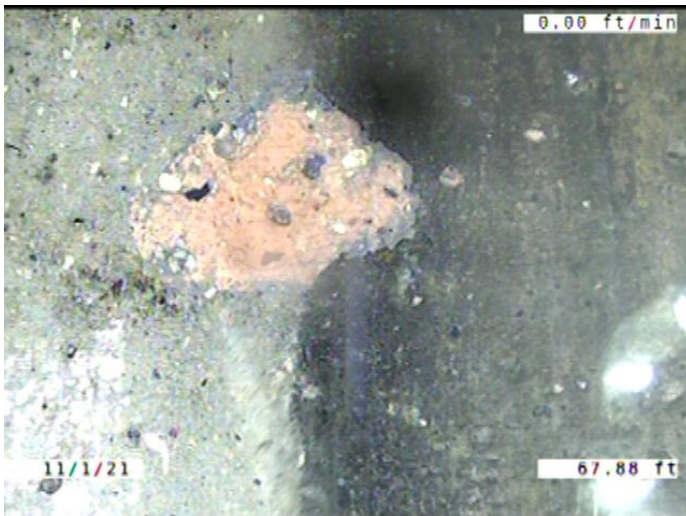
Code: **TBI**  
 Description: **Tap Break-in Intruding**

Distance (ft): **55.0**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **12**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



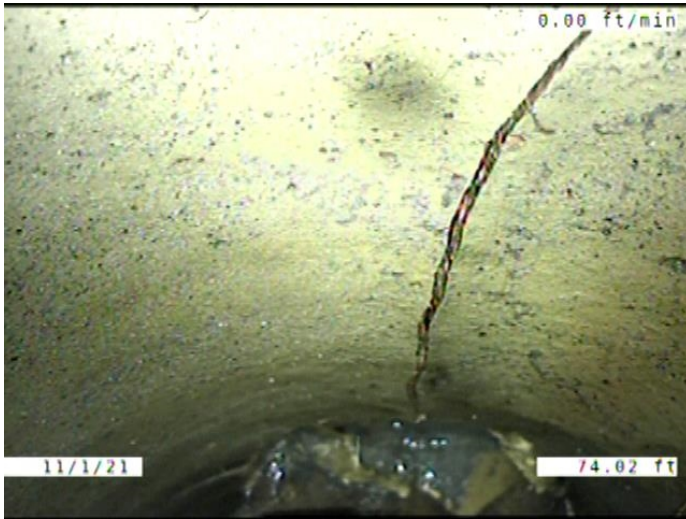
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **61.4**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **1**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **SSS**  
 Description: **Surface Damage Surface Spalling**

Distance (ft): **67.9**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **7**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **BVV**  
 Description: **Broken Void Visible**

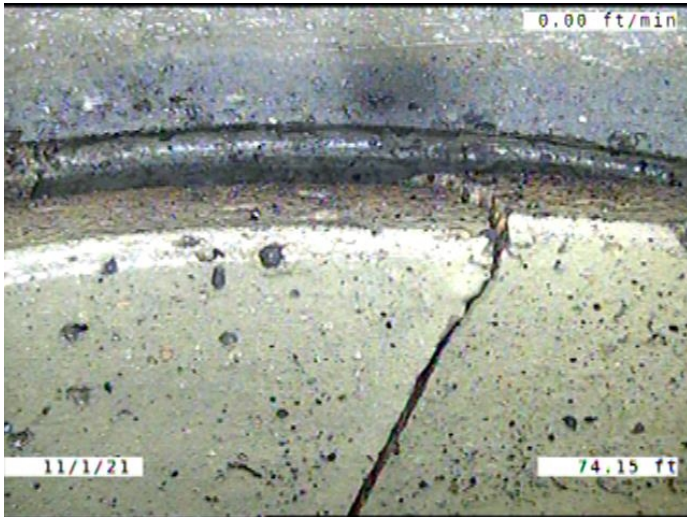
Distance (ft): **74.0**  
 Structural Grade: **5**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **SOIL VISIBLE TOO**



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

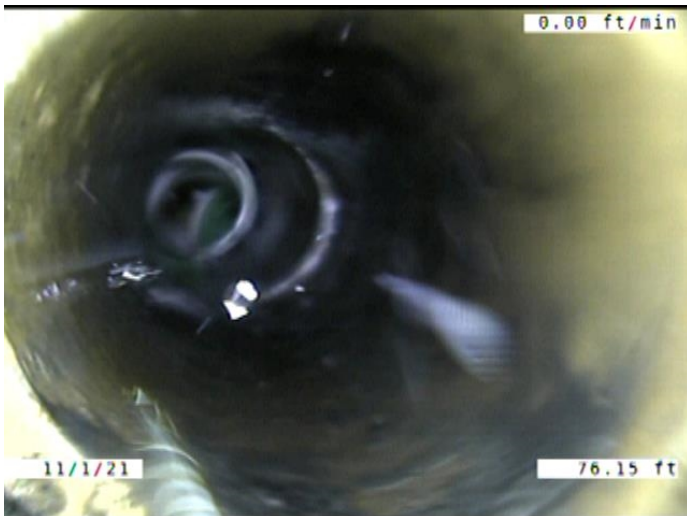
Distance (ft): **74.0**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:





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

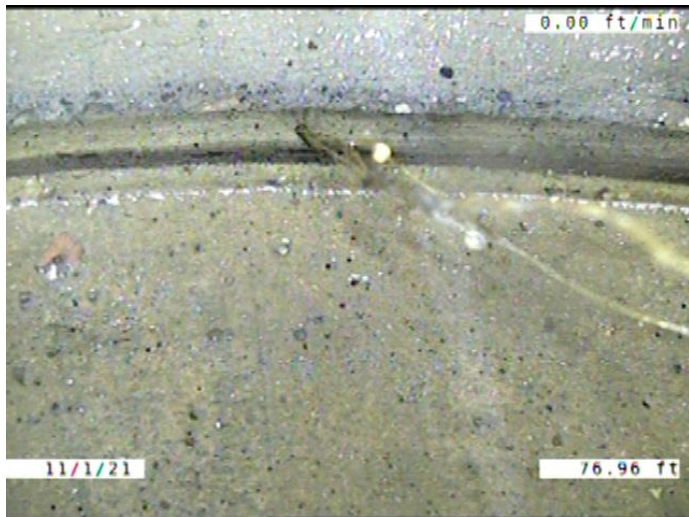
Distance (ft): **74.1**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:



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

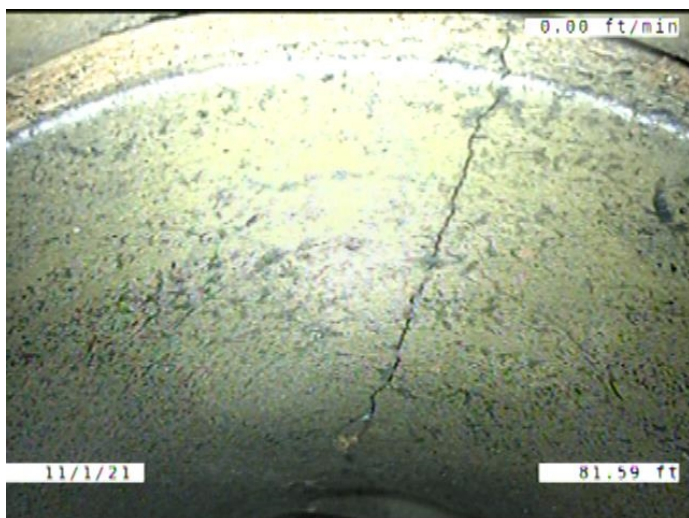
Distance (ft): **76.1**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To:  
1st Value: **4.000**  
2nd Value: **1.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CONSTANTLY RUNNING WATER**





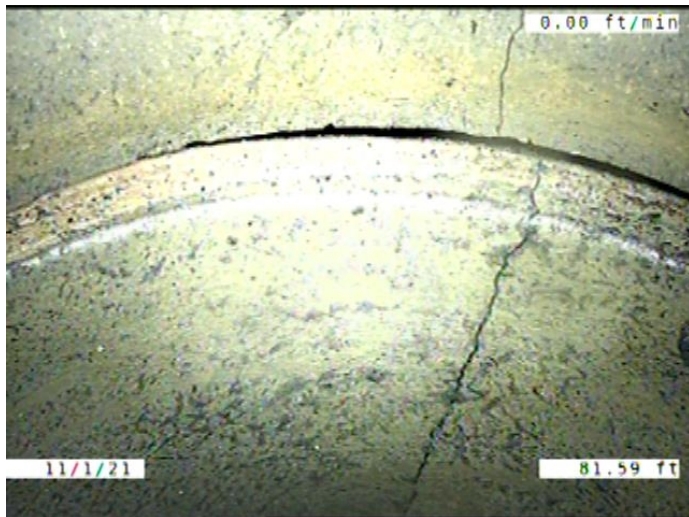
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **77.0**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



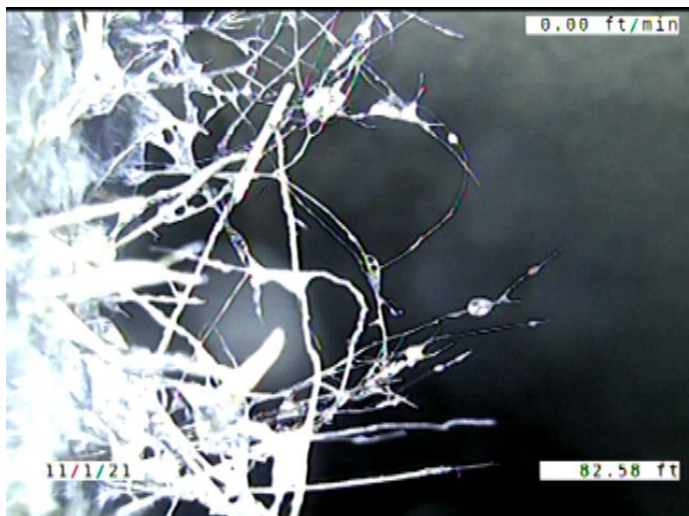
Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **81.6**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **9**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S02**  
 Within 8" of Joint: **YES**  
 Remarks:



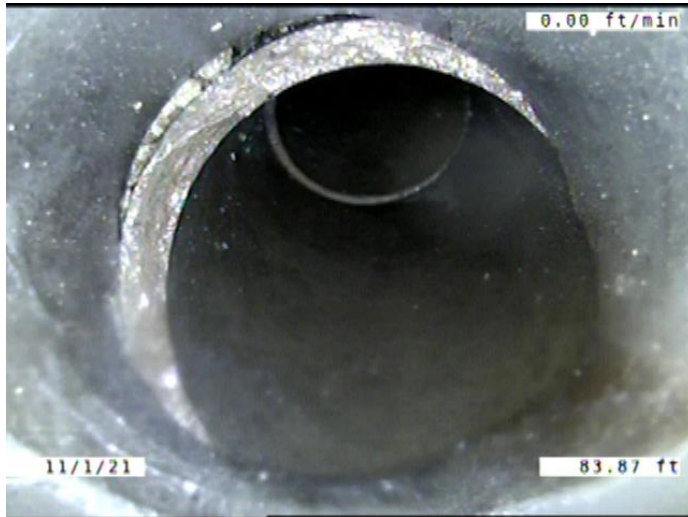
Code: **JOM**  
 Description: **Joint Offset Medium**

Distance (ft): **81.6**  
 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: **OBZ**  
 Description: **Obstruction Other**

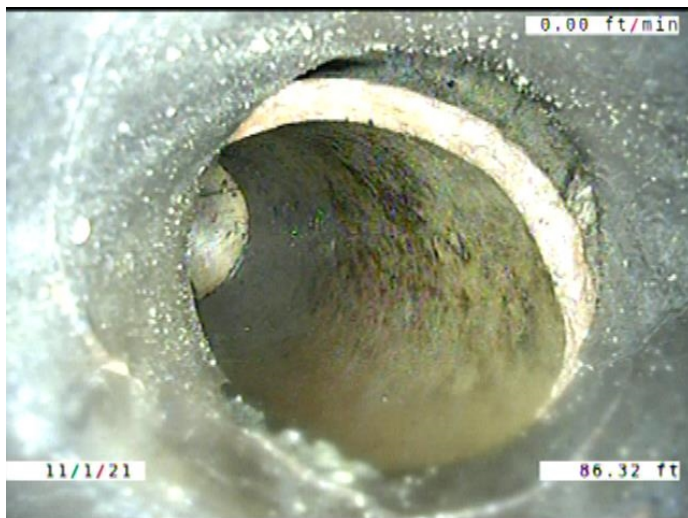
Distance (ft): **82.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **6**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ROOTS THAT HAVE BEEN CUT**



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

Distance (ft): **83.9**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **1**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CRACKED. OFFSET. SOIL VISIBLE.**

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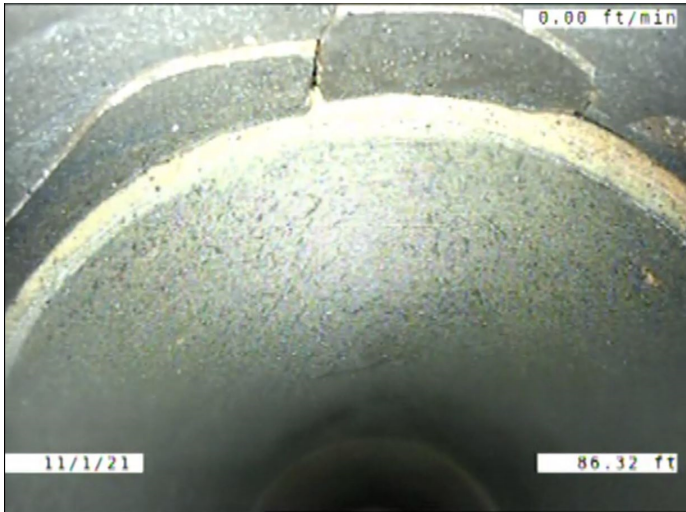


Code: **TFD**  
Description: **Tap Factory Defective**

Distance (ft): **86.3**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **11**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **LOOKS TO BE CAPPED. LARGE OFFSET. SOIL VISIBLE**

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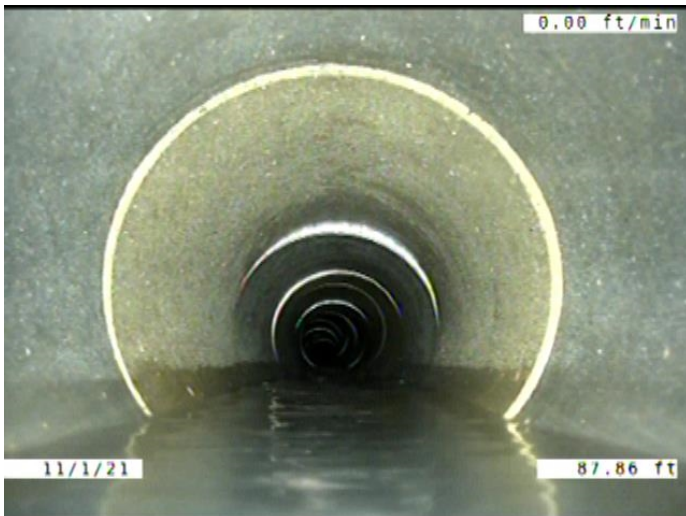




Code: **B**  
Description: **Broken**

Distance (ft): **86.3**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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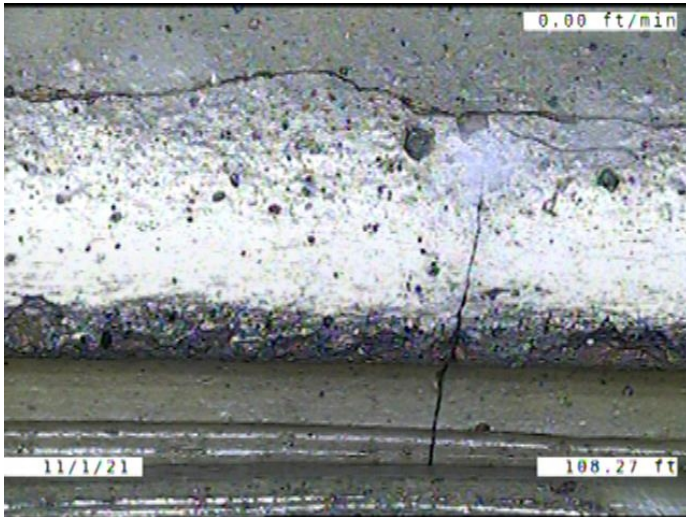


Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **87.9**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks:

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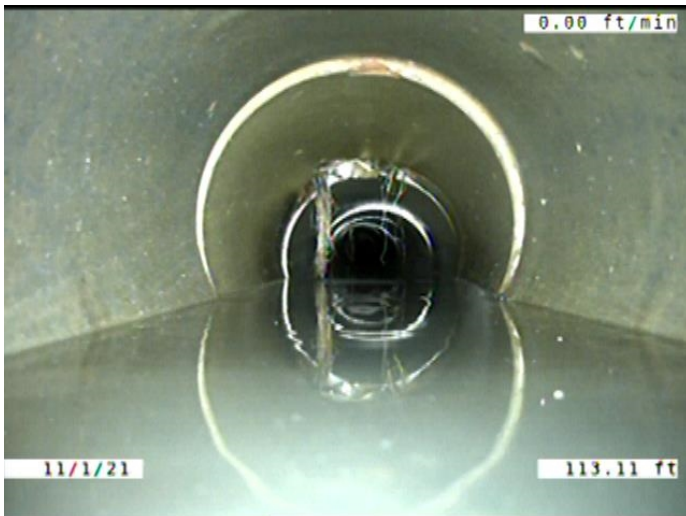




Code: **CM**  
Description: **Crack Multiple**

Distance (ft): **108.3**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

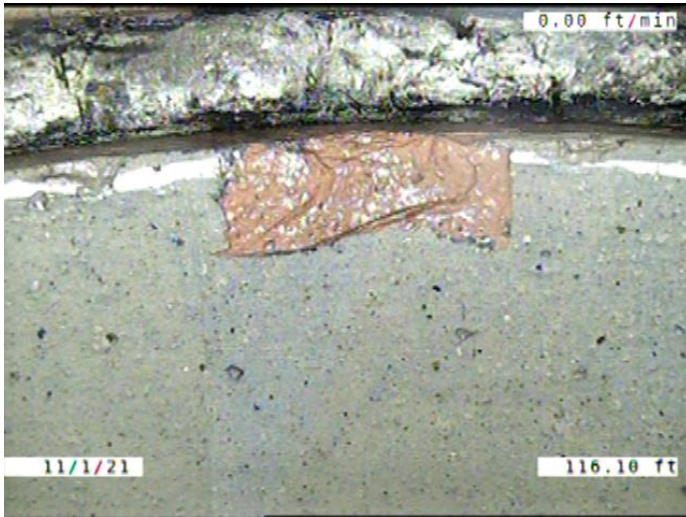
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **113.1**  
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:

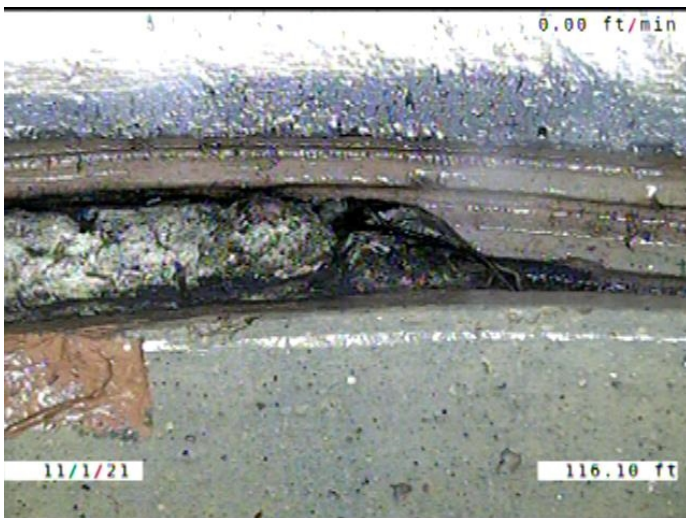
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Code: **SZ**  
Description: **Surface Damage Other**

Distance (ft): **116.1**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **A PIECE CHIPPED OFF THE JOINT**

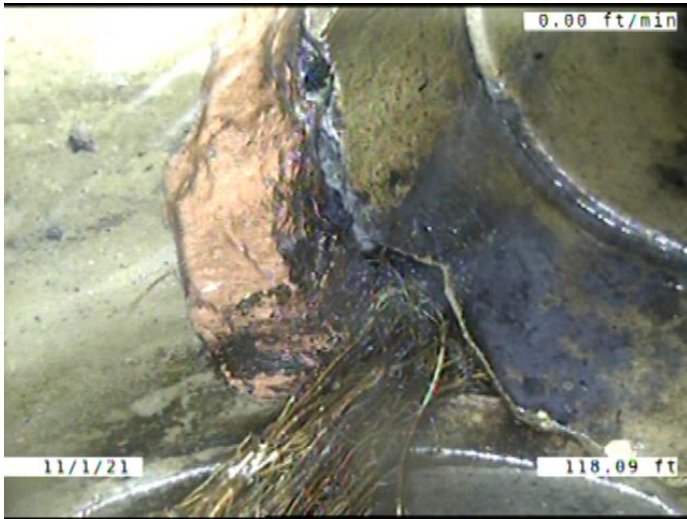
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Code: **JAM**  
Description: **Joint Angular Medium**

Distance (ft): **116.1**  
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:

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Code: **SSS**  
 Description: **Surface Damage Surface Spalling**

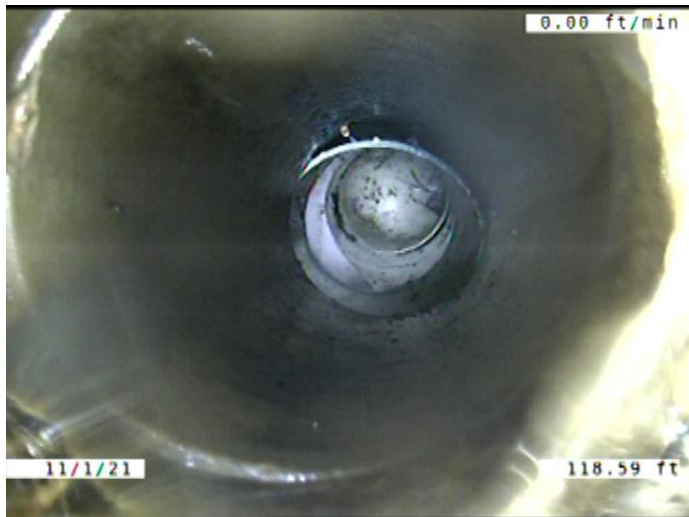
Distance (ft): **118.1**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

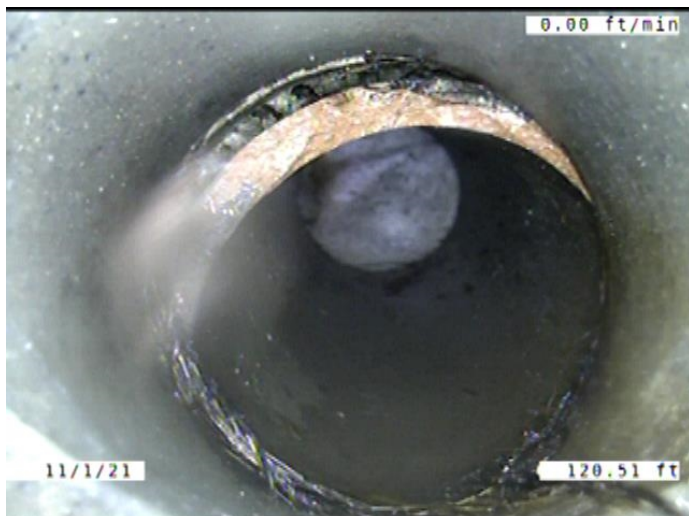
Distance (ft): **118.4**  
 Structural Grade: **0**  
 O&M Grade: **4**  
 Clock Start/From: **11**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:





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

Distance (ft): **118.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **12**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **CONSTANTLY RUNNING WATER.**



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

Distance (ft): **120.5**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **CAPPED. LARGE OFFSET. SOIL VISIBLE. CAP BROKEN. ROOTS GRO**

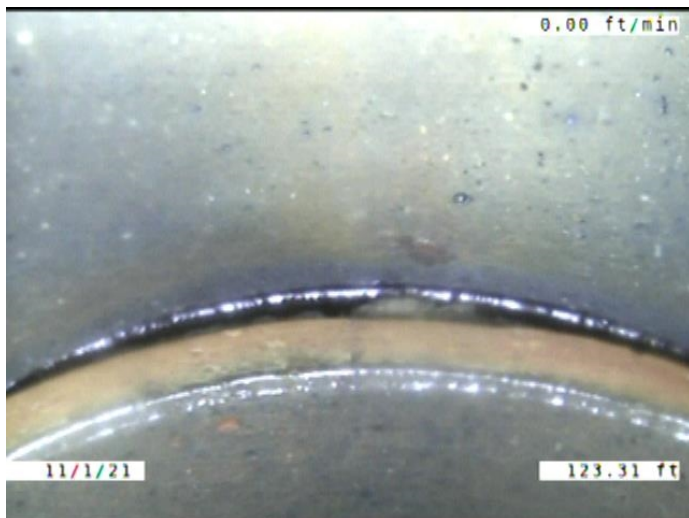




Code: **TFD**  
Description: **Tap Factory Defective**

Distance (ft): **122.7**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **12**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **LOOKS CAPPED. LARGE OFFSET. SOIL VISIBLE. ROOTS GROWING IN THE JO**

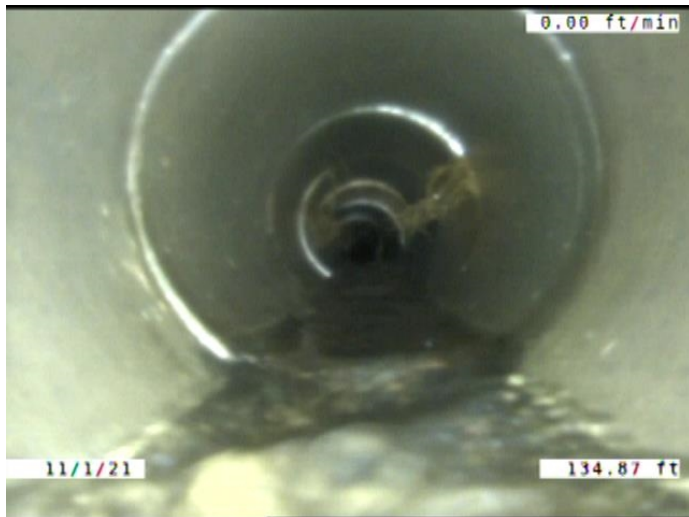
---



Code: **JOM**  
Description: **Joint Offset Medium**

Distance (ft): **123.3**  
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: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **134.9**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **F03**  
 Within 8" of Joint: **NO**  
 Remarks:

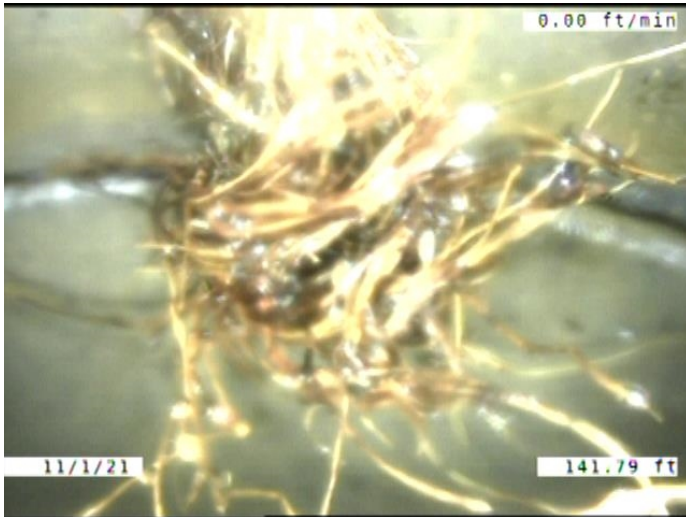
---



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

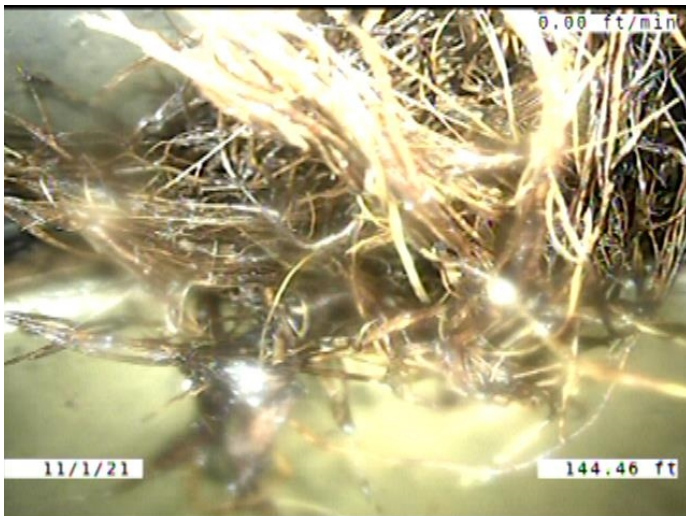
Distance (ft): **139.3**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **1**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

---



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

Distance (ft): **141.8**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



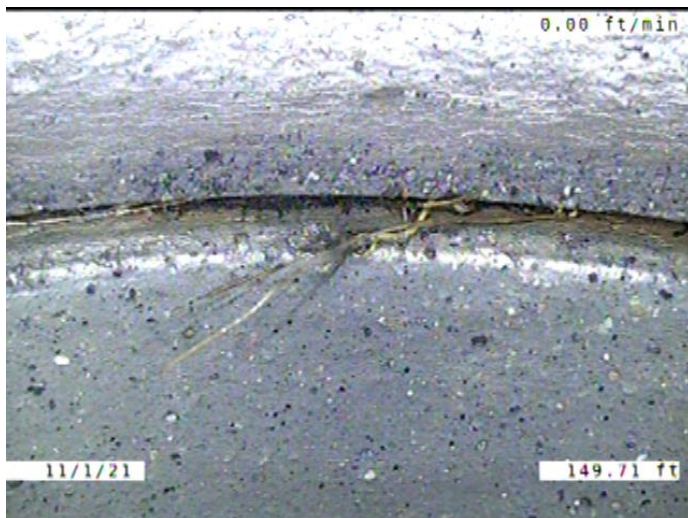
Code: **RMJ**  
 Description: **Roots Medium Joint**

Distance (ft): **144.5**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **9**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

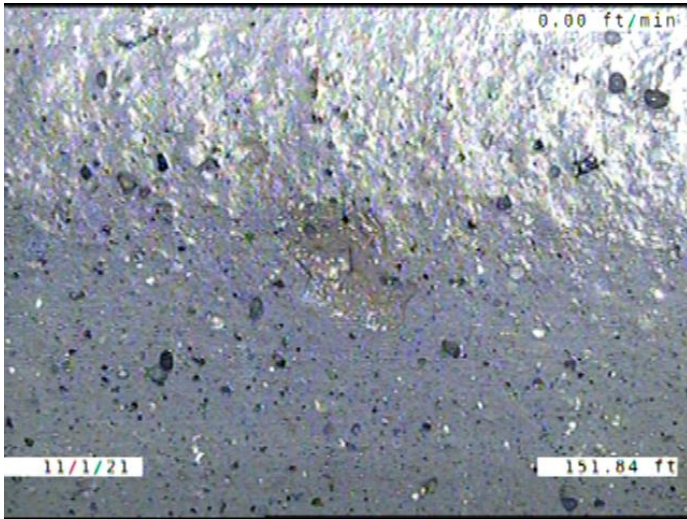
Distance (ft): **147.0**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **12**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **149.7**  
 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:

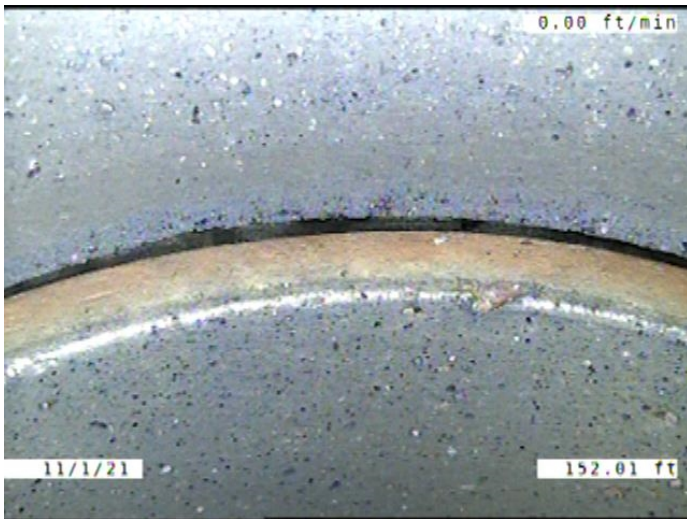




Code: **SSS**  
Description: **Surface Damage Surface Spalling**

Distance (ft): **151.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

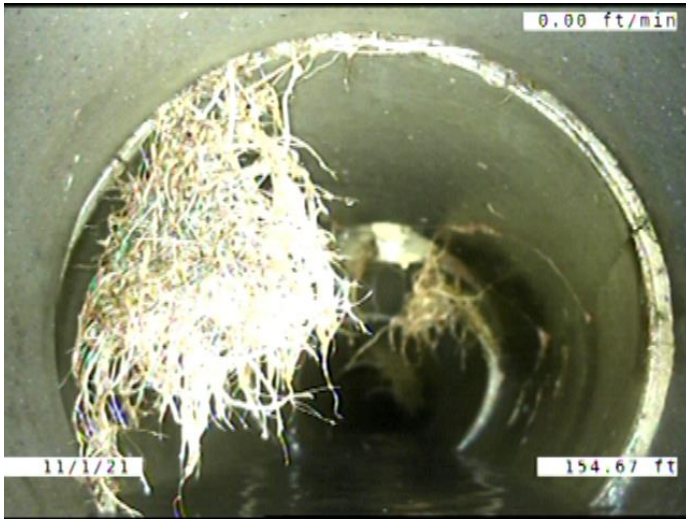
---



Code: **JOM**  
Description: **Joint Offset Medium**

Distance (ft): **152.0**  
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:

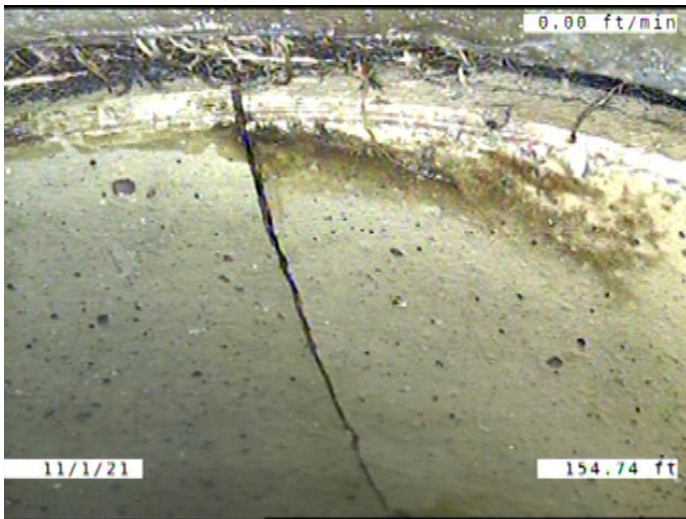
---



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

Distance (ft): **154.7**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **9**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent: **25.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **154.7**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



Code:	<b>TBI</b>
Description:	<b>Tap Break-in Intruding</b>
Distance (ft):	<b>157.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>12</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	<b>1.000</b>
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>CONSTANTLY RUNNING WATER. ROOTS GOWING INTO THE MAIN</b>



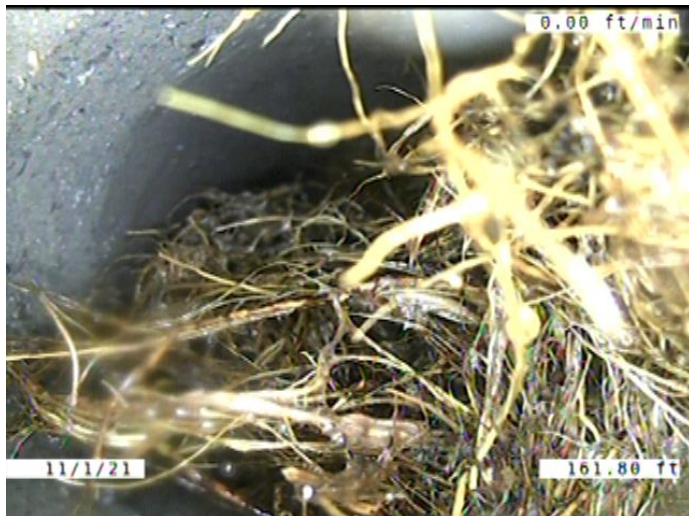
Code:	<b>RFC</b>
Description:	<b>Roots Fine Connection</b>
Distance (ft):	<b>157.2</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>1</b>
Clock Start/From:	<b>11</b>
Clock To:	<b>1</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	





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

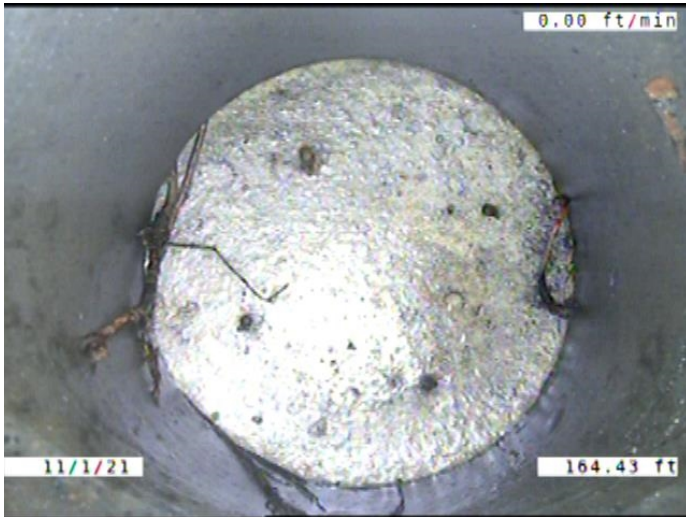
Distance (ft): **157.5**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **161.8**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **LOOKS TO BE 100% PLUGGED WITH ROOTS**





Code: **TFC**  
Description: **Tap Factory Capped**

Distance (ft): **164.4**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **ROOTS GROWING AROUND THE CAP**

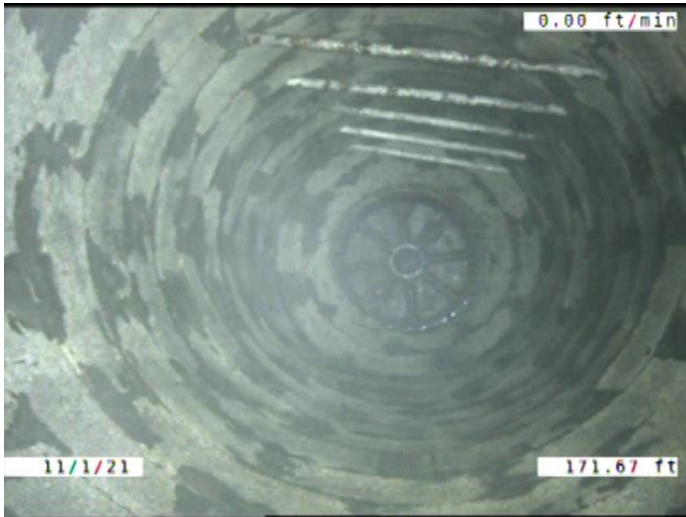
---



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

Distance (ft): **169.9**  
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:

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Code:	AMH
Description:	Manhole
Distance (ft):	171.7
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:	M-504-023