

# Profile/Photo Observation Report



Date:	<b>11/20/2021</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>170.0</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-604-095-094</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>11/20/2021</b>	Shape:	<b>C</b>

Street:	<b>North Pennsylvania Street</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Local rural streets with light traffic, t</b>	Tape/Media #:	
Purpose:	<b>Routine Assessment</b>	Dia/Height:	<b>12"</b>
Use:	<b>Sanitary Sewage Pipe</b>	Material:	<b>VCP</b>
Drain Area:		Lining:	<b>None</b>
Category:	<b>NA</b>		
Comment:			
Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-604-094</b>	DS MH:	<b>M-604-095</b>
		Total Length Surveyed (ft):	<b>170.0</b>

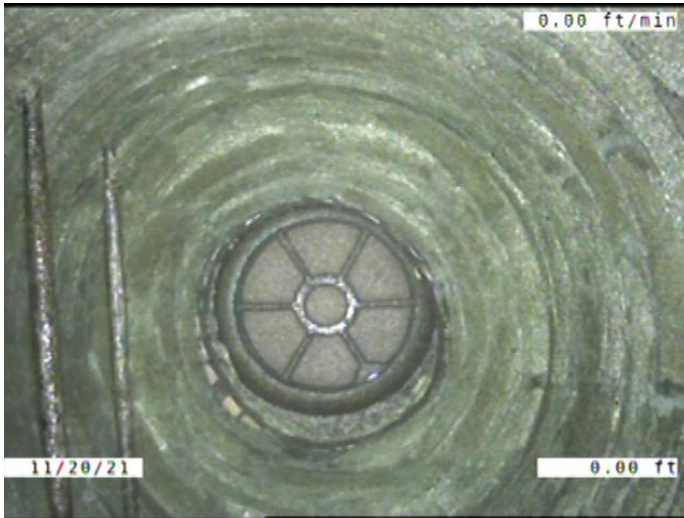
O&M Index:	<b>1.86</b>	O&M Quick:	<b>352D</b>	O&M Rating:	<b>78.00</b>
Structural Index:	<b>2.92</b>	Structural Quick:	<b>4B34</b>	Structural Rating:	<b>108.00</b>
Overall Index:	<b>2.35</b>	Overall Quick:	<b>4B39</b>	Overall Rating:	<b>186.00</b>

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	76	NA
	3.3	RFJ(S01)	Roots Fine Joint	127	M 1
	3.3	B	Broken	149	S 4
	9.6	DAE	Deposits Attached Encrustation	195	M 2
	12.9	SSS	Surface Damage Surface Spalling	238	S 2
	15.5	SSS	Surface Damage Surface Spalling	271	S 2
	15.7	FM	Fracture Multiple	329	S 4
	17.0	CM(S02)	Crack Multiple	374	S 3
	19.9	MMC	Miscellaneous Material Change	428	NA
	19.9	FM	Fracture Multiple	451	S 4
	19.9	SSS	Surface Damage Surface Spalling	472	S 2
	20.3	RFJ(F01)	Roots Fine Joint	495	M 1
	20.4	CM(F02)	Crack Multiple	503	S 3
	28.4	MMC	Miscellaneous Material Change	555	NA
	28.4	CM	Crack Multiple	574	S 3
	30.4	MWLS(S03)	Miscellaneous Water Level Sag	600	S 2
	32.3	RFJ(S04)	Roots Fine Joint	644	M 1
	34.5	FM	Fracture Multiple	682	S 4

39.6	TFD	Tap Factory Defective	740	M 3
41.8	SSS(S06)	Surface Damage Surface Spalling	801	S 2
43.0	FM(S05)	Fracture Multiple	849	S 4
43.5	SSS	Surface Damage Surface Spalling	879	S 2
44.0	TBD	Tap Break-in/Hammer Defective	894	M 3
44.1	RTB	Roots Tap Barrel	910	M 3
50.6	JOM	Joint Offset Medium	998	S 3
50.9	MMC	Miscellaneous Material Change	1042	NA
50.9	MWLS(F03)	Miscellaneous Water Level Sag	1058	S 2
50.9	RFJ(F04)	Roots Fine Joint	1067	M 1
50.9	SSS(F06)	Surface Damage Surface Spalling	1076	S 2
50.9	FM(F05)	Fracture Multiple	1084	S 4
54.8	MWLS(S07)	Miscellaneous Water Level Sag	1113	S 2
58.3	DSF(S08)	Deposits Settled Fine	1132	M 2
68.5	MWLS(F07)	Miscellaneous Water Level Sag	1174	S 2
75.0	MGO	Miscellaneous General Observation	1225	NA
84.5	MMC	Miscellaneous Material Change	1302	NA
84.5	FM(S09)	Fracture Multiple	1353	S 4
86.3	RFJ(S10)	Roots Fine Joint	1406	M 1
88.4	RMJ	Roots Medium Joint	1445	M 3
90.4	B	Broken	1482	S 4
91.4	TFD	Tap Factory Defective	1515	M 3
92.8	DAE	Deposits Attached Encrustation	1566	M 2
94.1	JOL	Joint Offset Large	1589	S 4
94.5	SSS	Surface Damage Surface Spalling	1599	S 2
94.6	MMC	Miscellaneous Material Change	1624	NA
94.7	FM(F09)	Fracture Multiple	1640	S 4
94.7	RFJ(F10)	Roots Fine Joint	1648	M 1
105.0	MMC	Miscellaneous Material Change	1729	NA
105.0	FM(S11)	Fracture Multiple	1765	S 4
106.9	DAE(S12)	Deposits Attached Encrustation	1813	M 2
113.2	RFJ(S13)	Roots Fine Joint	1894	M 1
113.2	SSS	Surface Damage Surface Spalling	1908	S 2
117.6	SSS	Surface Damage Surface Spalling	1949	S 2
119.2	MMC	Miscellaneous Material Change	2005	NA
119.3	FM(F11)	Fracture Multiple	2024	S 4
119.3	DAE(F12)	Deposits Attached Encrustation	2032	M 2
119.3	RFJ(F13)	Roots Fine Joint	2040	M 1
137.6	MWLS	Miscellaneous Water Level Sag	2111	S 2
151.3	TFA	Tap Factory Activity	2172	NA
154.5	FM	Fracture Multiple	2225	S 4
154.5	MMC	Miscellaneous Material Change	2229	NA

155.0	CM	Crack Multiple	2268	S 3
156.4	B	Broken	2309	S 4
158.4	RFJ	Roots Fine Joint	2357	M 1
164.7	SSS	Surface Damage Surface Spalling	2420	S 2
167.9	DSF(F08)	Deposits Settled Fine	2455	M 2
170.0	AMH	Manhole	2529	NA

**M-604-095**



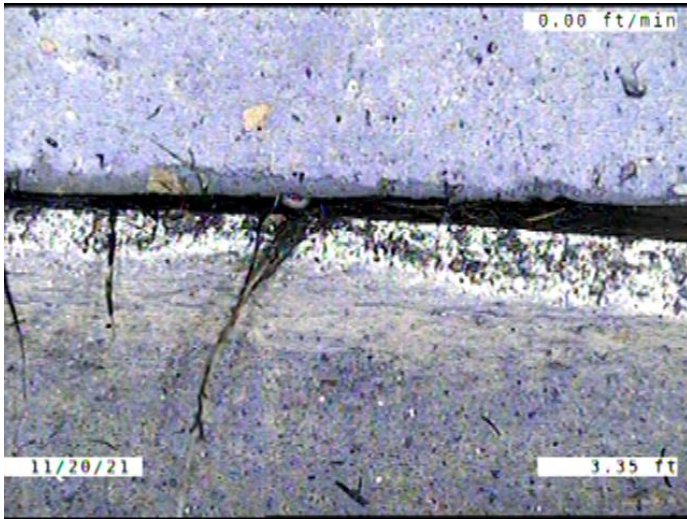
Code: **AMH**  
Description: **Manhole**

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-604-094**



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

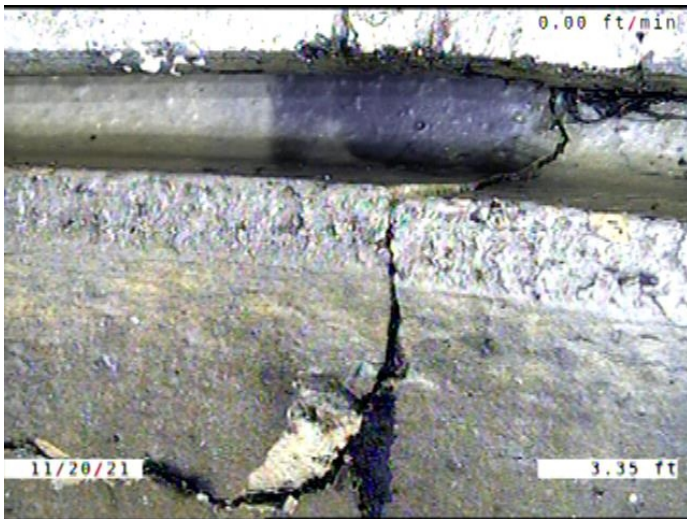
Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



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

Distance (ft): **3.3**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **9**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

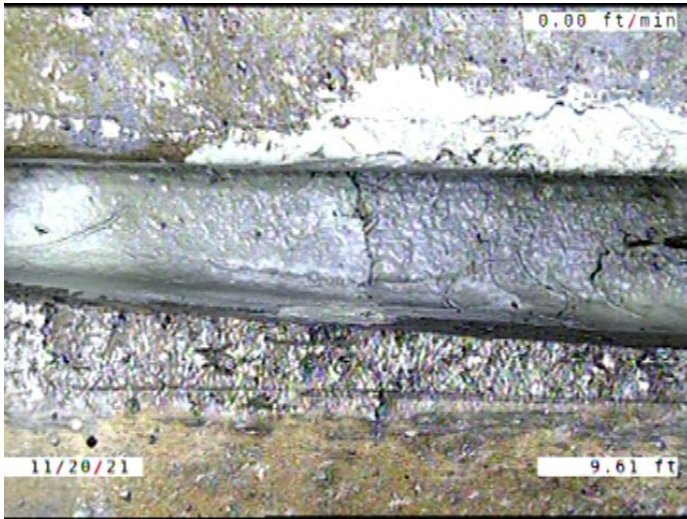
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Code: **B**  
Description: **Broken**

Distance (ft): **3.3**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

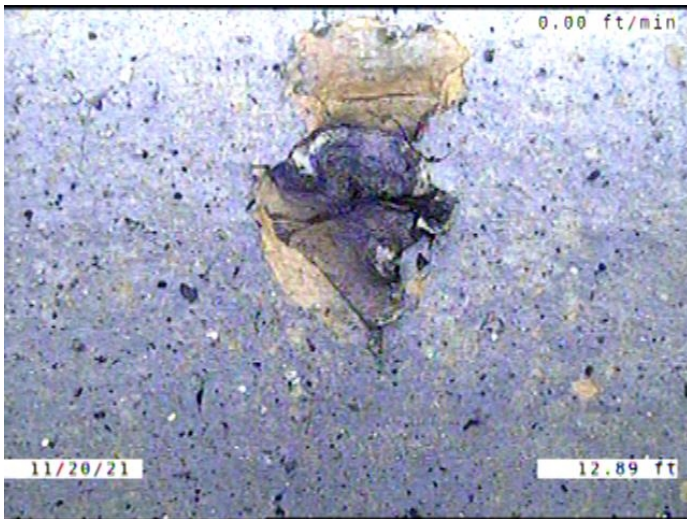
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Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **9.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **9**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

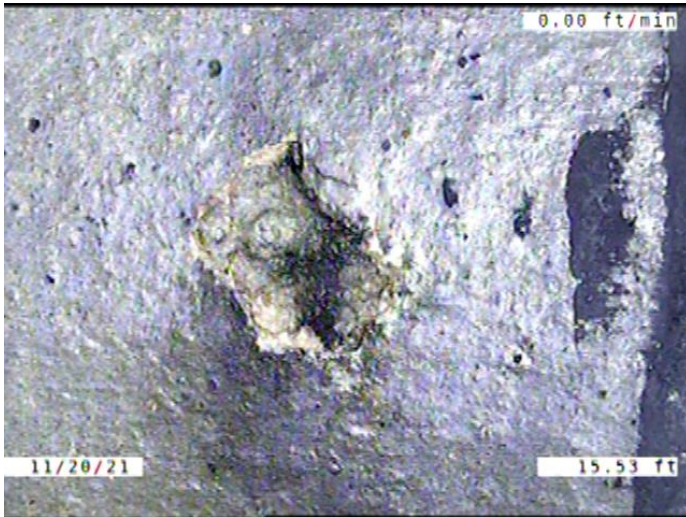
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Code: **SSS**  
Description: **Surface Damage Surface Spalling**

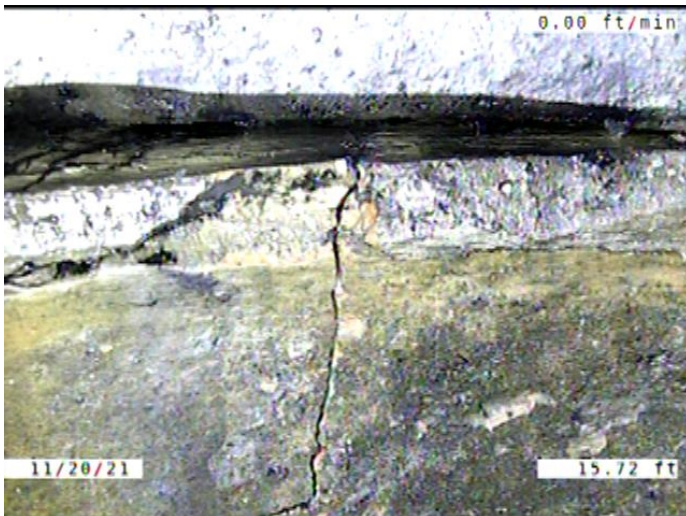
Distance (ft): **12.9**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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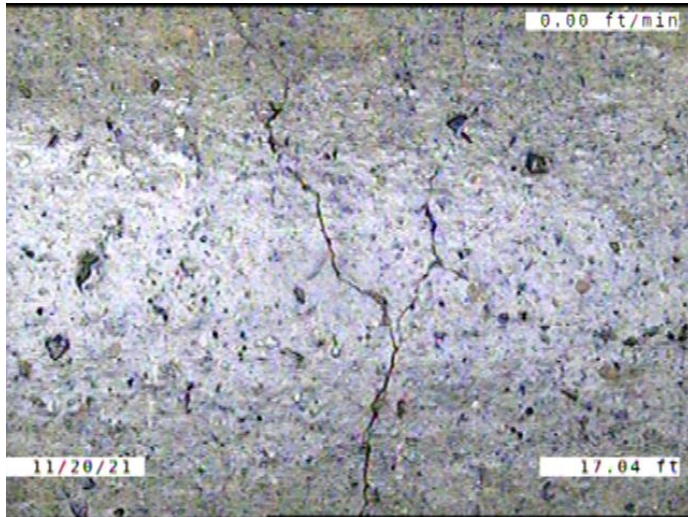
Code: **SSS**  
 Description: **Surface Damage Surface Spalling**

Distance (ft): **15.5**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **3**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

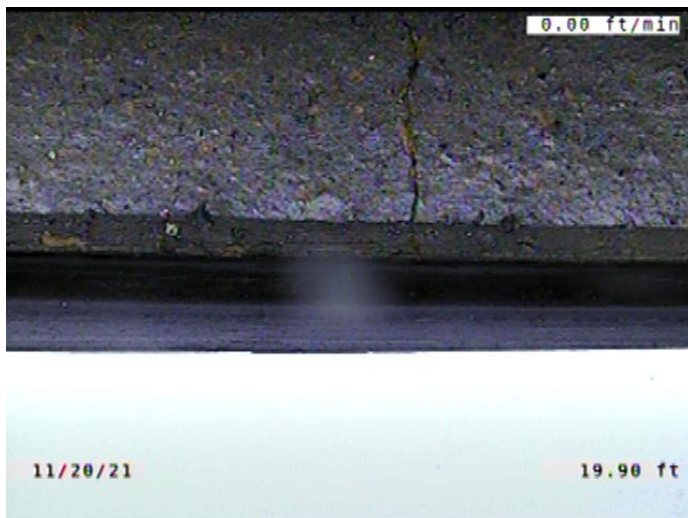
Distance (ft): **15.7**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **7**  
 Clock To: **9**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **17.0**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks:

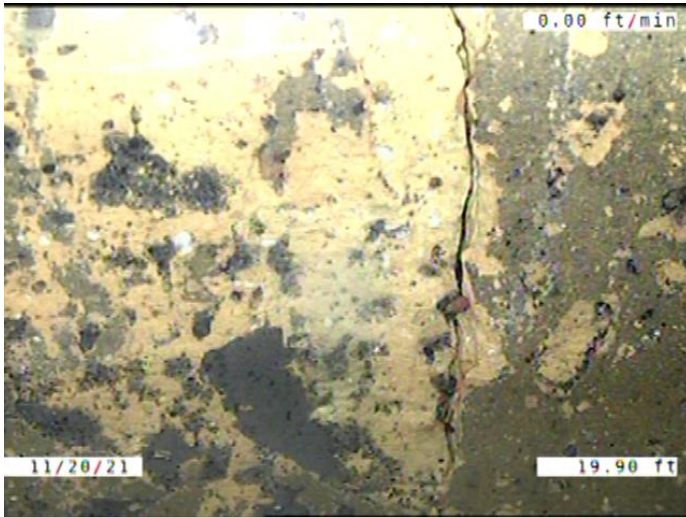
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Code: **MMC**  
Description: **Miscellaneous Material Change**

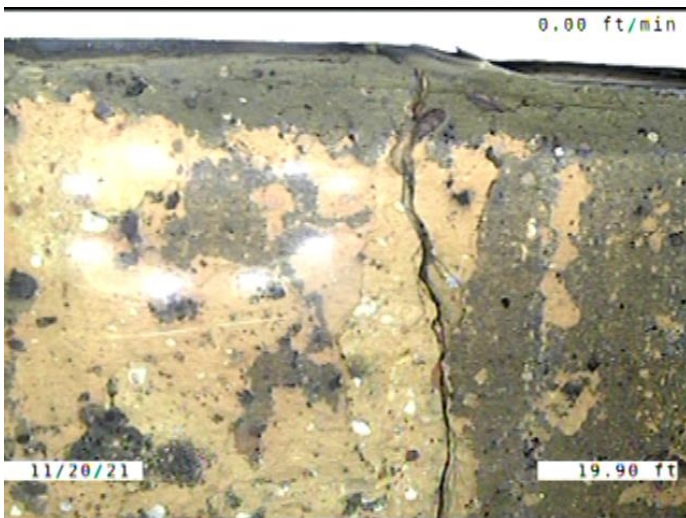
Distance (ft): **19.9**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **VCP TO PVC**

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

Distance (ft): **19.9**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **5**  
 Clock To: **6**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **19.9**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **4**  
 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): **20.3**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **9**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

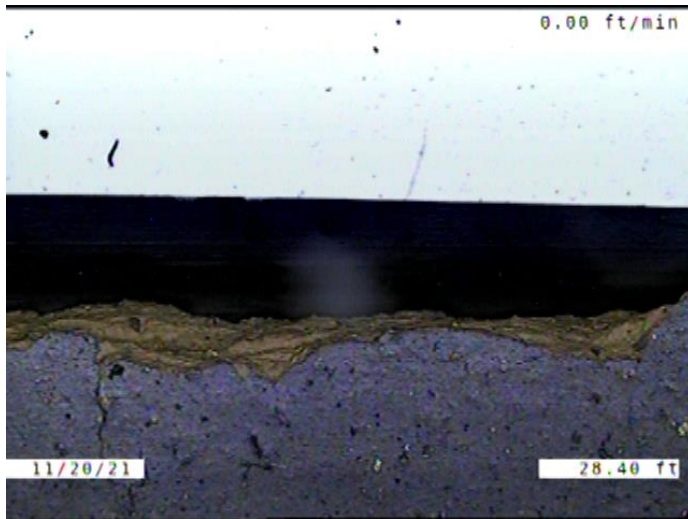
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Code: **CM**  
Description: **Crack Multiple**

Distance (ft): **20.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks:

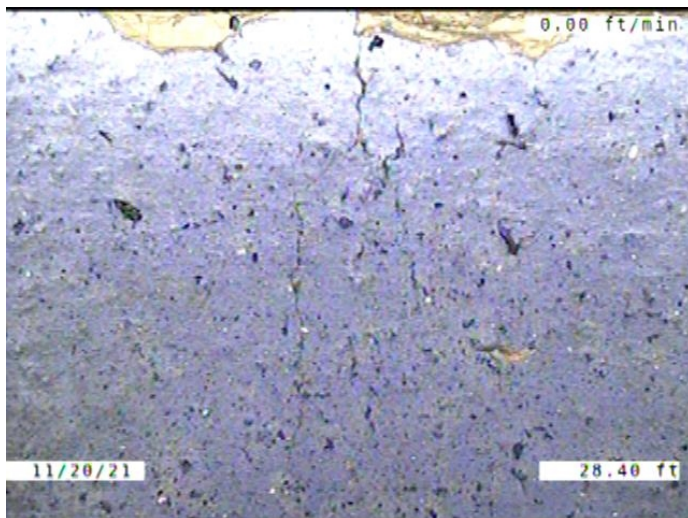
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Code: **MMC**  
Description: **Miscellaneous Material Change**

Distance (ft): **28.4**  
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: **PVC TO VCP**

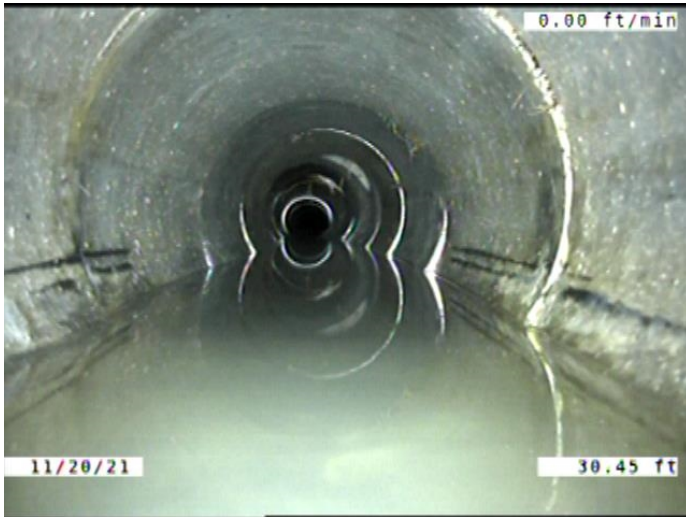
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Code: **CM**  
Description: **Crack Multiple**

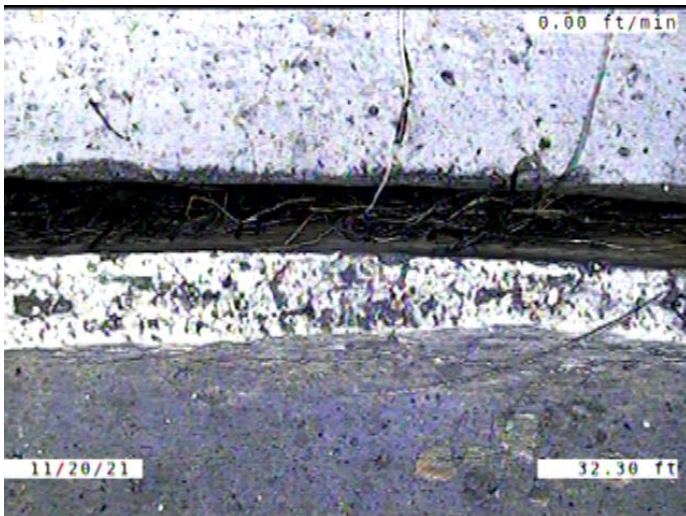
Distance (ft): **28.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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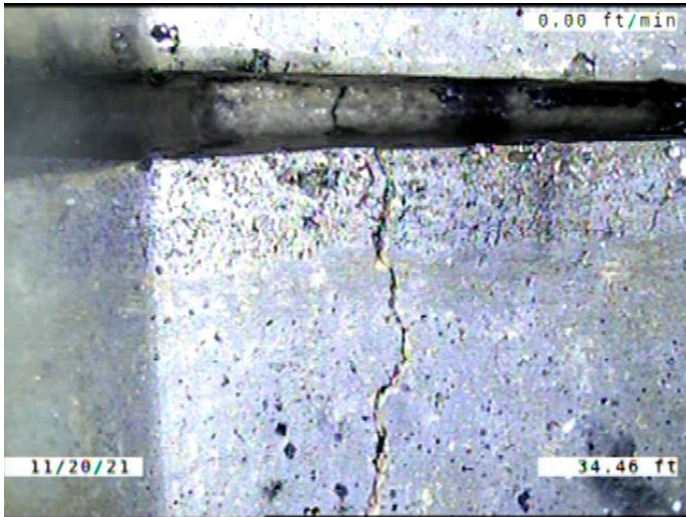
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **30.4**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **S03**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **32.3**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S04**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **34.5**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **9**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



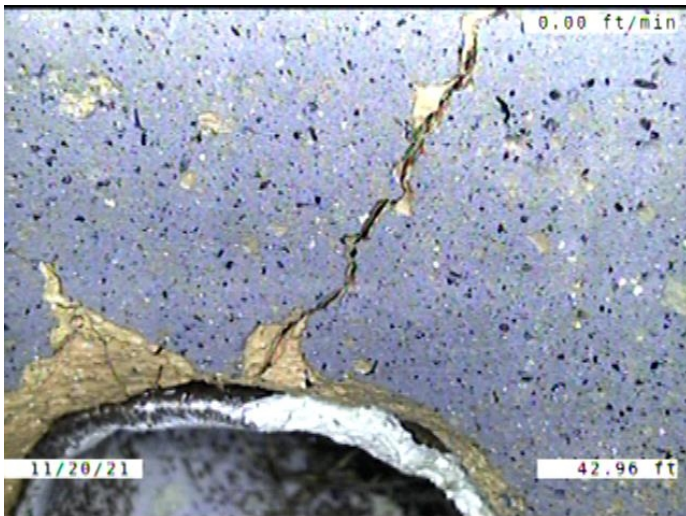
Code: **TFD**  
 Description: **Tap Factory Defective**

Distance (ft): **39.6**  
 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: **OFFSET. ROOTS GROWING OUT OF THE TAP AND THE JOINT INTO THE**



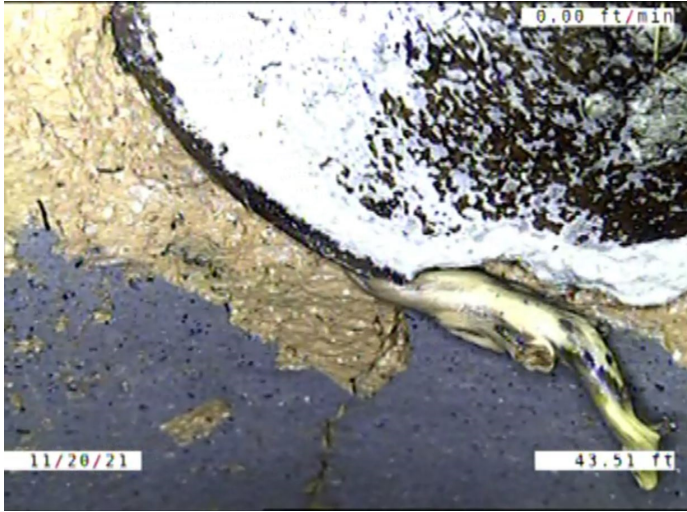
Code:	<b>SSS</b>
Description:	<b>Surface Damage Surface Spalling</b>
Distance (ft):	<b>41.8</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>12</b>
Clock To:	<b>12</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>S06</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	

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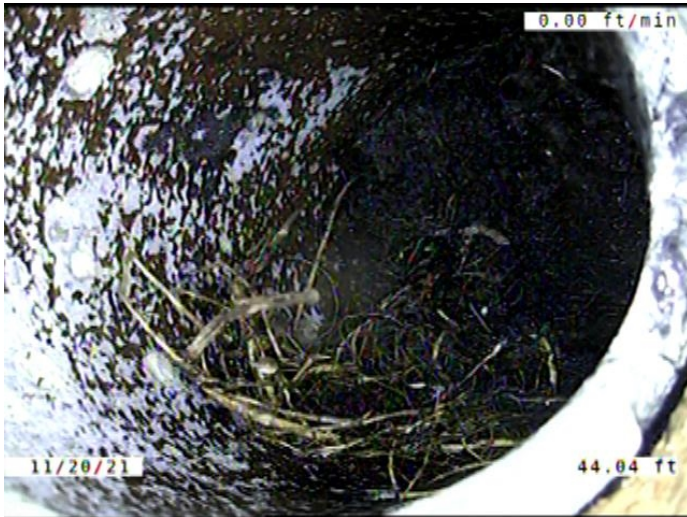
Code:	<b>FM</b>
Description:	<b>Fracture Multiple</b>
Distance (ft):	<b>43.0</b>
Structural Grade:	<b>4</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>12</b>
Clock To:	<b>12</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>S05</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	

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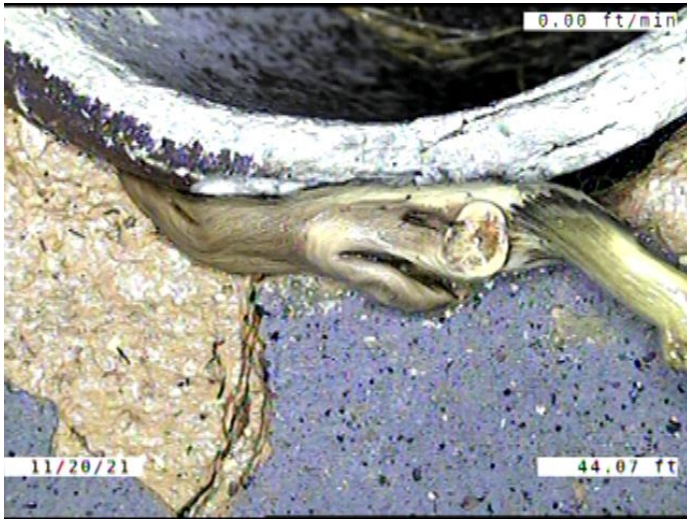
Code: **SSS**  
Description: **Surface Damage Surface Spalling**

Distance (ft): **43.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



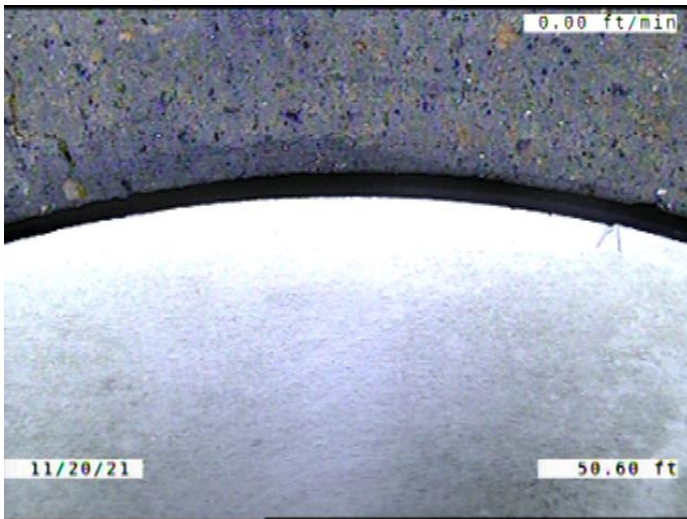
Code: **TBD**  
Description: **Tap Break-in/Hammer Defective**

Distance (ft): **44.0**  
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**



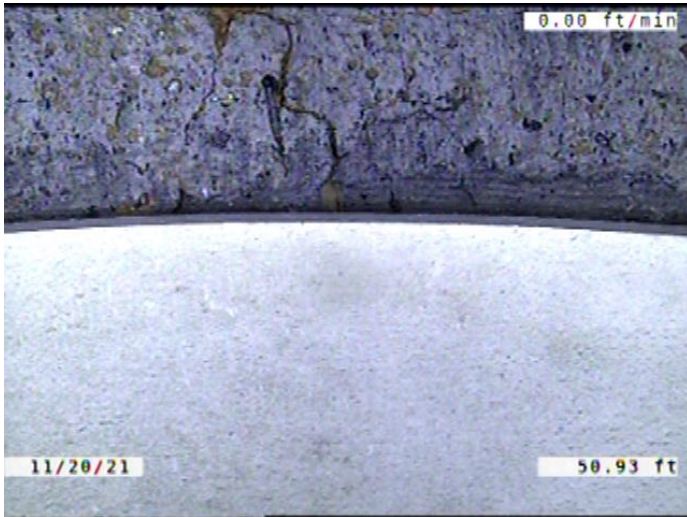
Code: **RTB**  
 Description: **Roots Tap Barrel**

Distance (ft): **44.1**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **50.6**  
 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:



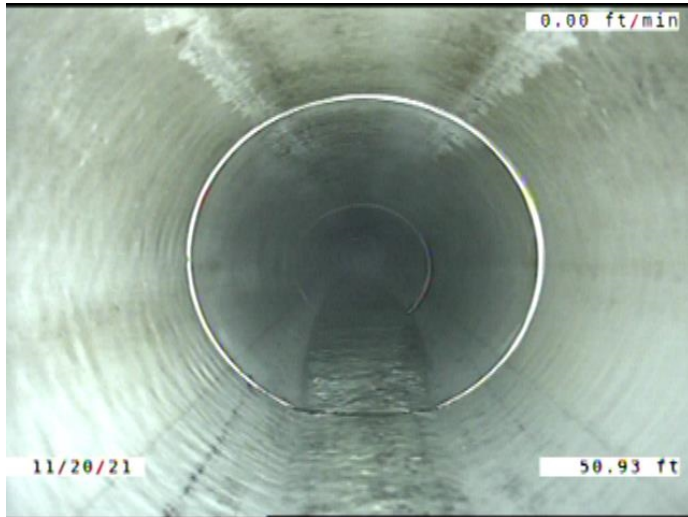
Code: **MMC**  
 Description: **Miscellaneous Material Change**

Distance (ft): **50.9**  
 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: **VCP TO PVC**



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

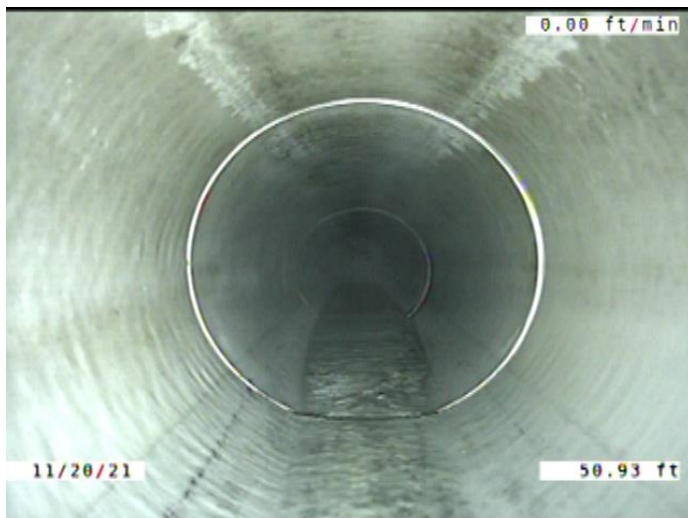
Distance (ft): **50.9**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **F03**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **50.9**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F04**  
Within 8" of Joint: **YES**  
Remarks:

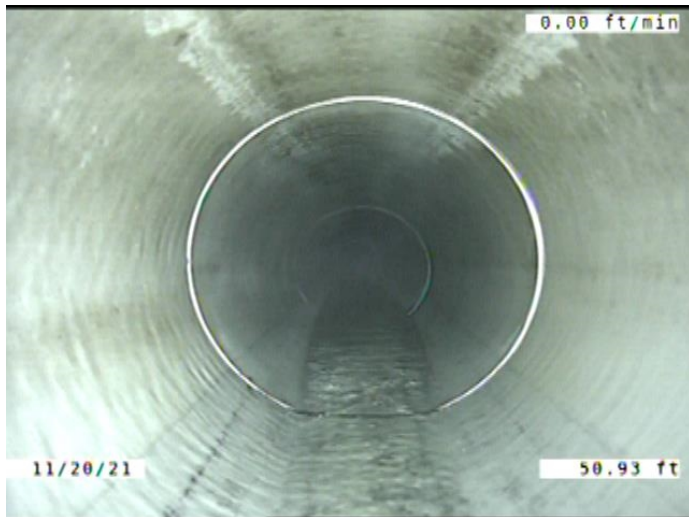
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Code: **SSS**  
Description: **Surface Damage Surface Spalling**

Distance (ft): **50.9**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F06**  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **50.9**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F05**  
Within 8" of Joint: **YES**  
Remarks:

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

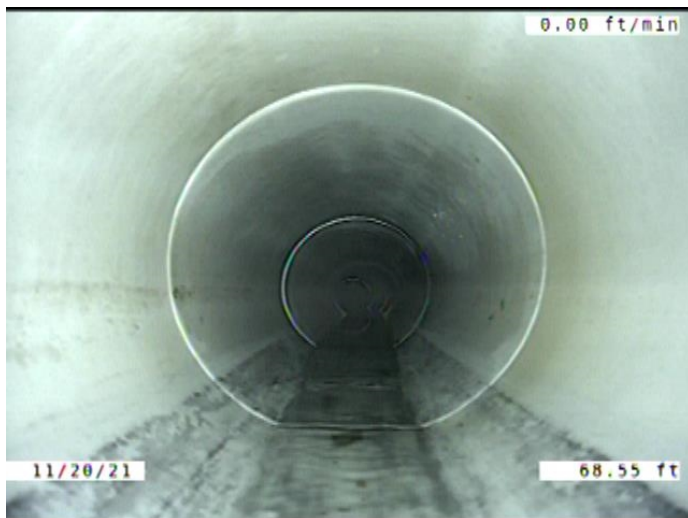
Distance (ft): **54.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S07**  
Within 8" of Joint: **NO**  
Remarks:

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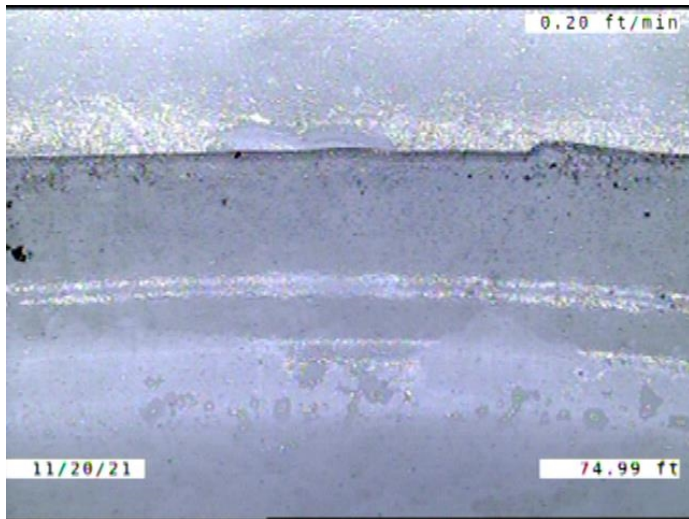
Code: **DSF**  
 Description: **Deposits Settled Fine**

Distance (ft): **58.3**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S08**  
 Within 8" of Joint: **YES**  
 Remarks:



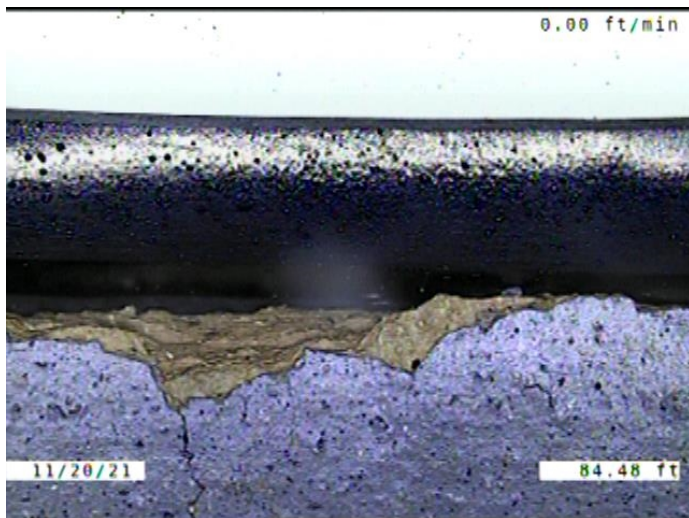
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **68.5**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F07**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **75.0**  
 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: **JOINT/ PIPES NOT PUSHED ALL THE WAY TOGETHER WHEN INSTALLED**



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

Distance (ft): **84.5**  
 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: **PVC TO VCP**



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

Distance (ft): **84.5**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S09**  
 Within 8" of Joint: **YES**  
 Remarks:

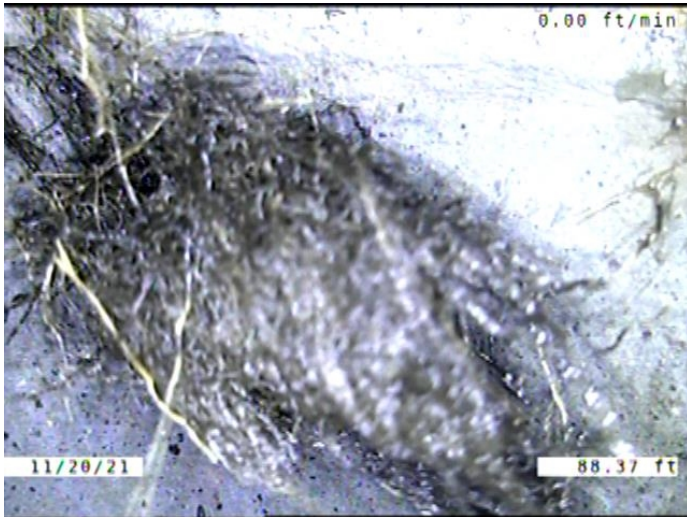
---



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

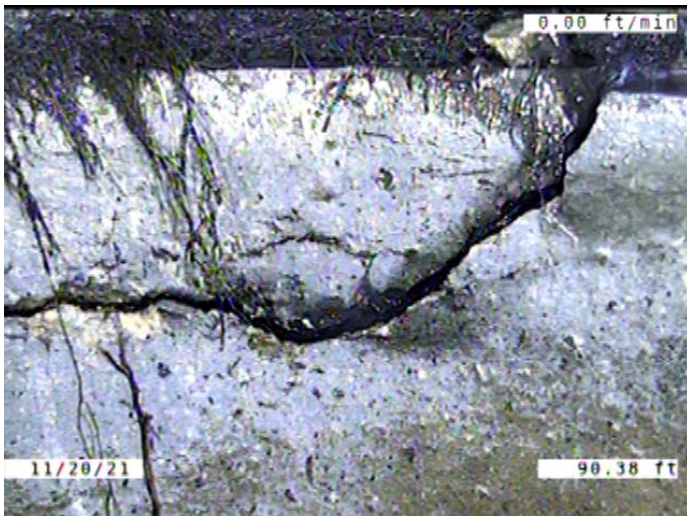
Distance (ft): **86.3**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S10**  
 Within 8" of Joint: **YES**  
 Remarks:

---



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

Distance (ft): **88.4**  
 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:



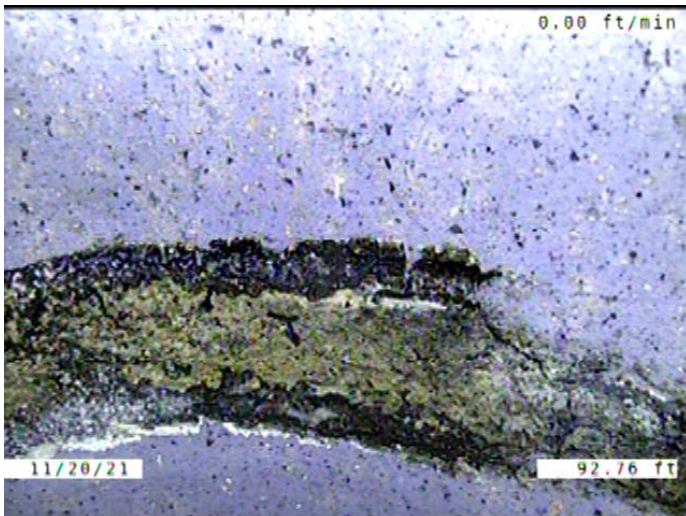
Code: **B**  
 Description: **Broken**

Distance (ft): **90.4**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



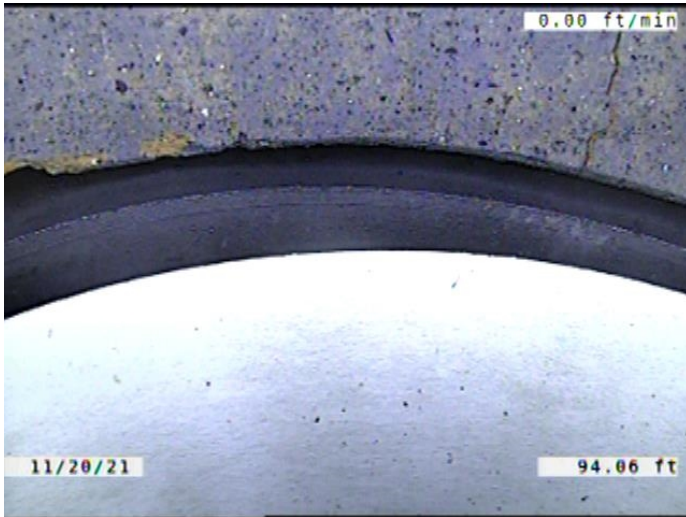
Code: **TFD**  
 Description: **Tap Factory Defective**

Distance (ft): **91.4**  
 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: **BROKEN. LOOKS TO BE 100% PLUGGED WITH ROOTS**



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

Distance (ft): **92.8**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **JOL**  
 Description: **Joint Offset Large**

Distance (ft): **94.1**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value: **1.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **94.5**  
 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: **YES**  
 Remarks:



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

Distance (ft): **94.6**  
 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: **VCP TO PVC**

---



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

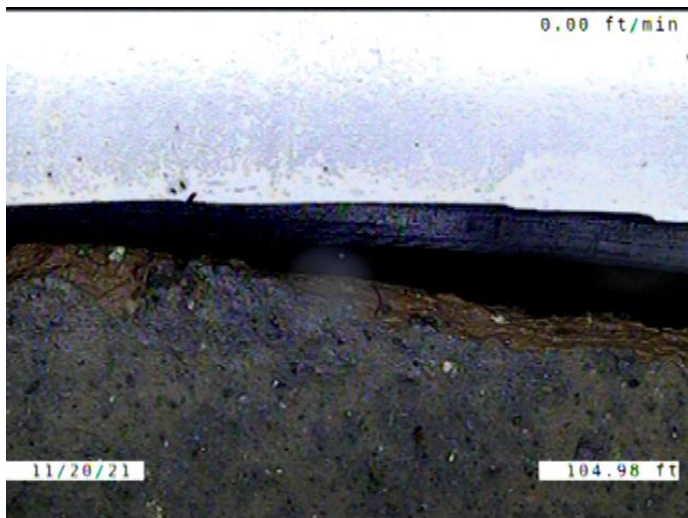
Distance (ft): **94.7**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F09**  
 Within 8" of Joint: **YES**  
 Remarks:

---



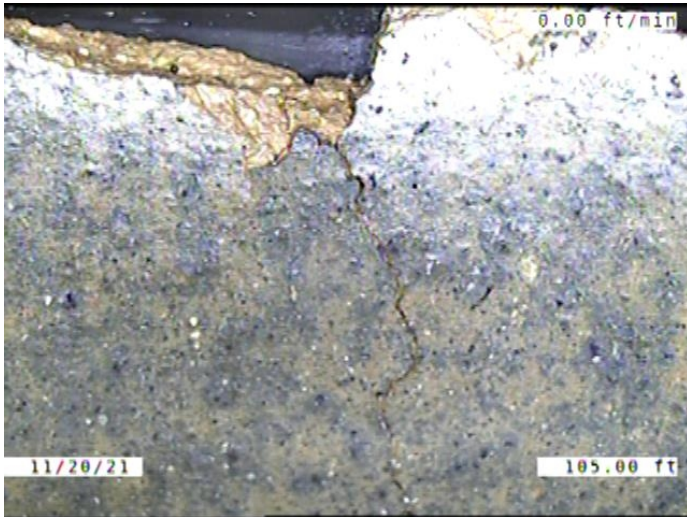
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **94.7**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F10**  
 Within 8" of Joint: **YES**  
 Remarks:



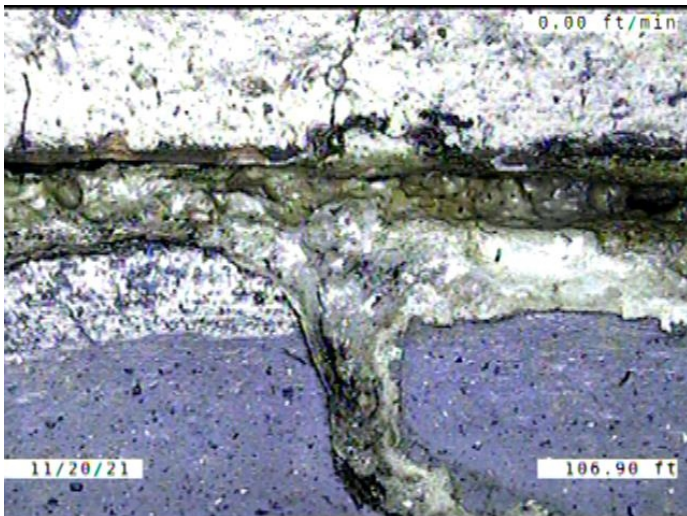
Code: **MMC**  
 Description: **Miscellaneous Material Change**

Distance (ft): **105.0**  
 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: **PVC TO VCP**



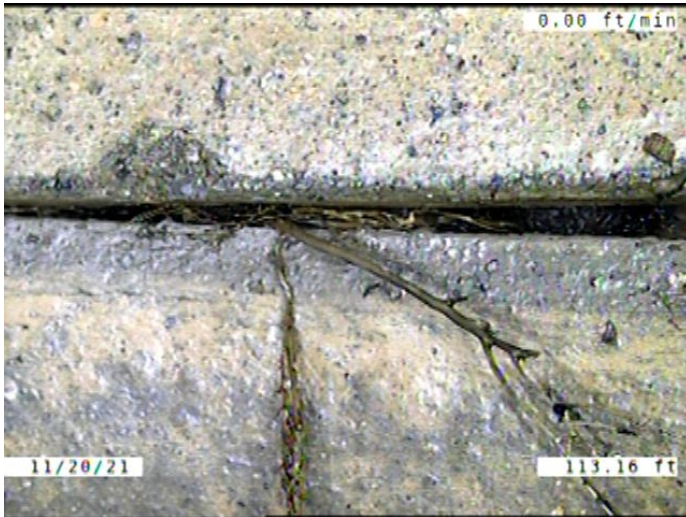
Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **105.0**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S11**  
 Within 8" of Joint: **YES**  
 Remarks:



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

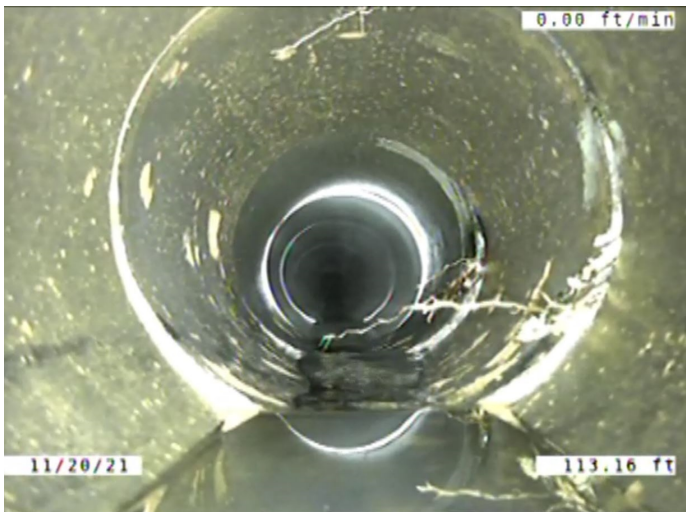
Distance (ft): **106.9**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S12**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **113.2**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **9**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S13**  
Within 8" of Joint: **YES**  
Remarks:

---



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

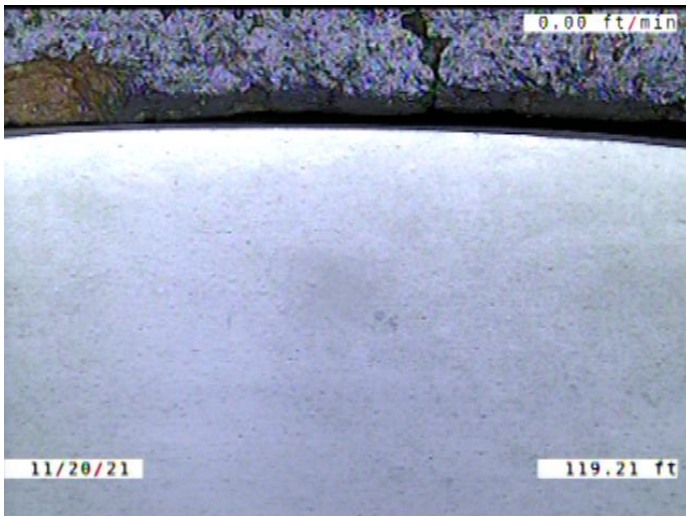
Distance (ft): **113.2**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **Wandering**

---



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

Distance (ft): **117.6**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **4**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **119.2**  
 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: **VCP TO PVC**



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

Distance (ft): **119.3**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F11**  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **119.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F12**  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **119.3**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **9**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F13**  
Within 8" of Joint: **YES**  
Remarks:

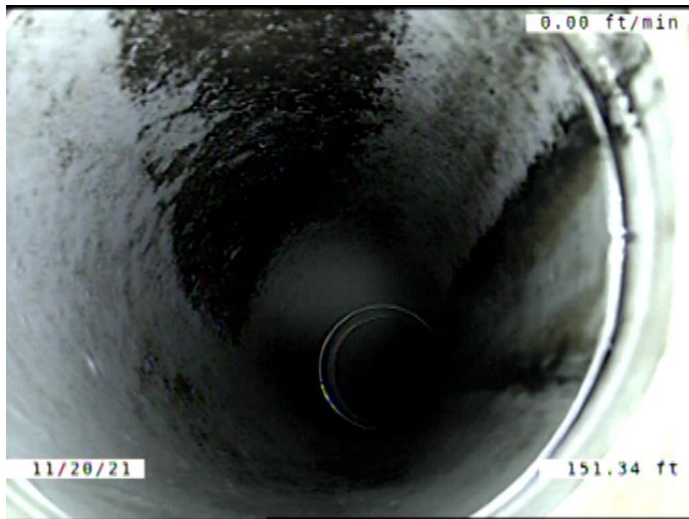
---



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

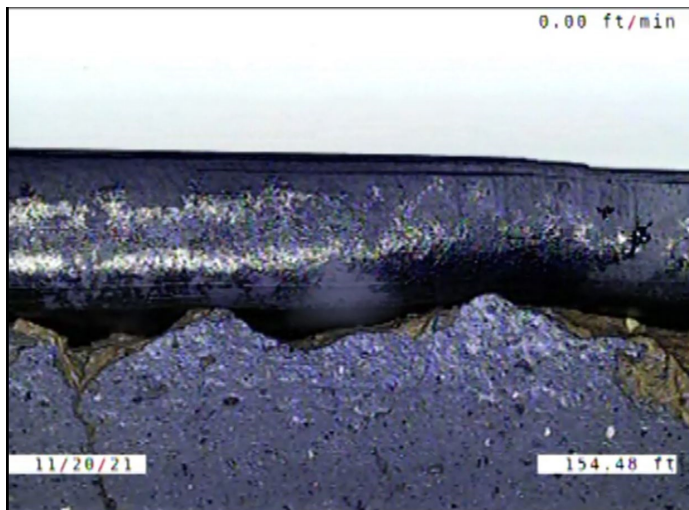
Distance (ft): **137.6**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---



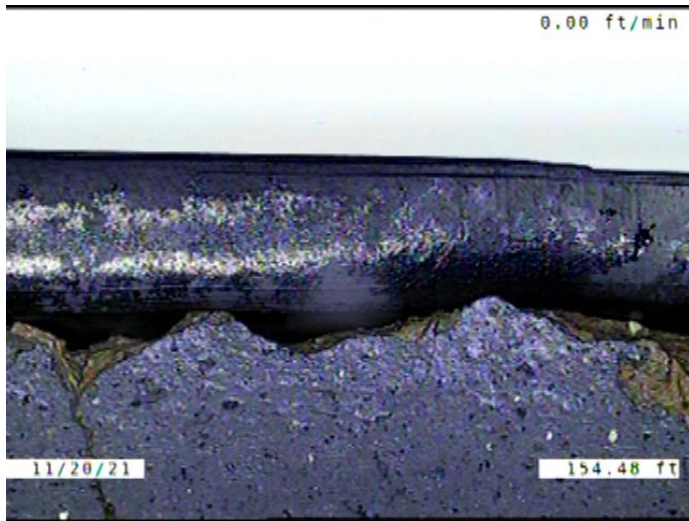
Code: **TFA**  
 Description: **Tap Factory Activity**

Distance (ft): **151.3**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

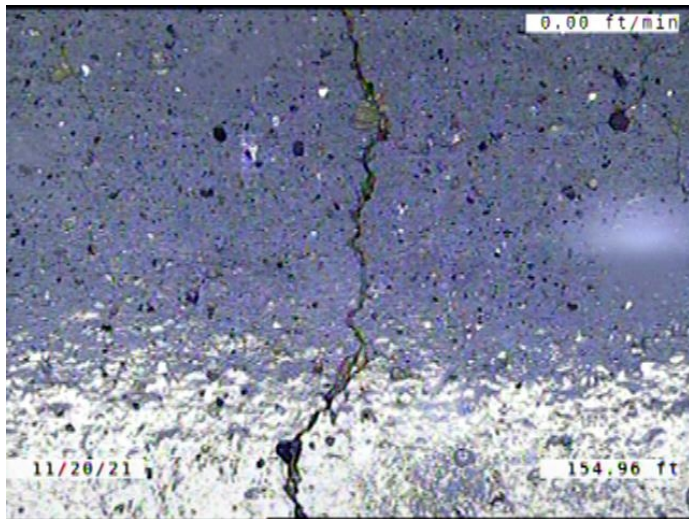
Distance (ft): **154.5**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **154.5**  
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: **PVC TO VCP**

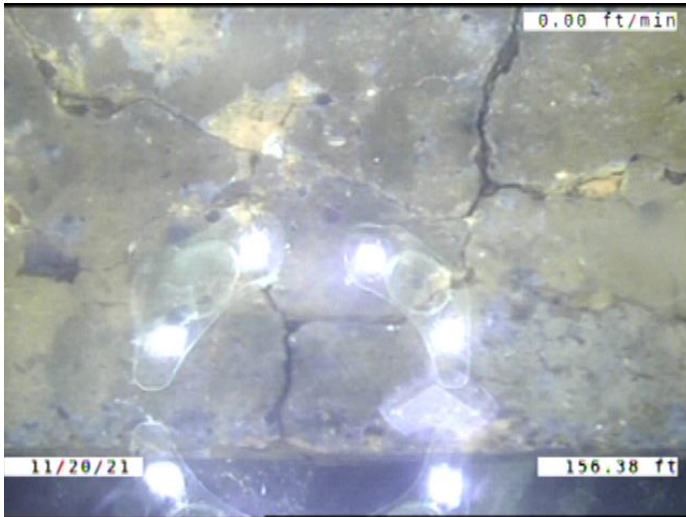
---



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

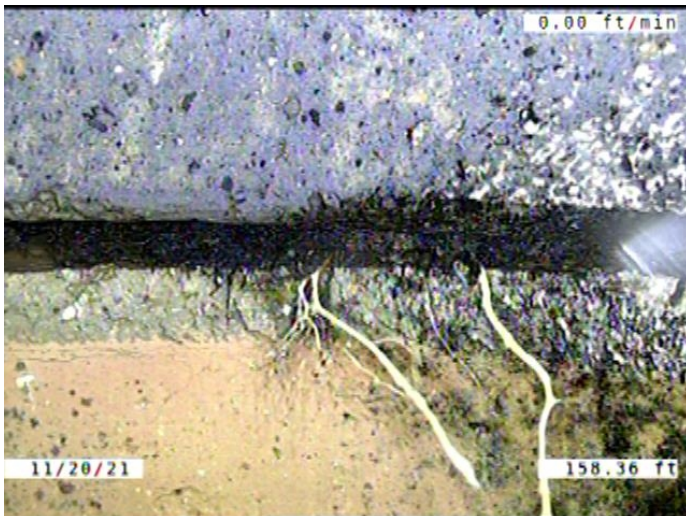
Distance (ft): **155.0**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



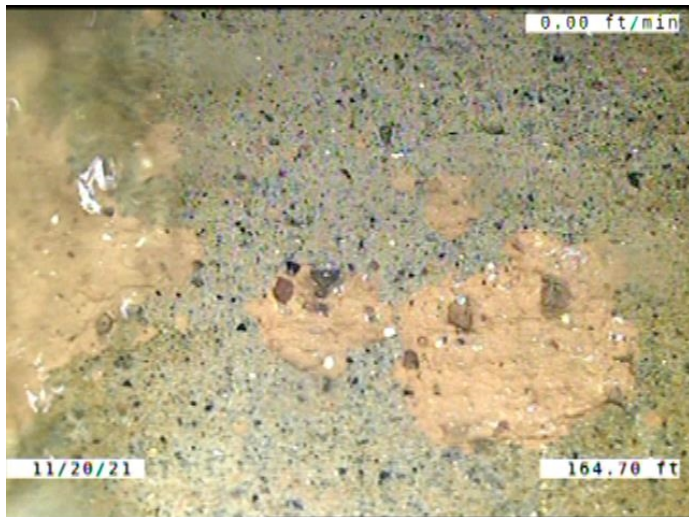
Code: **B**  
 Description: **Broken**

Distance (ft): **156.4**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **4**  
 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): **158.4**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **2**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



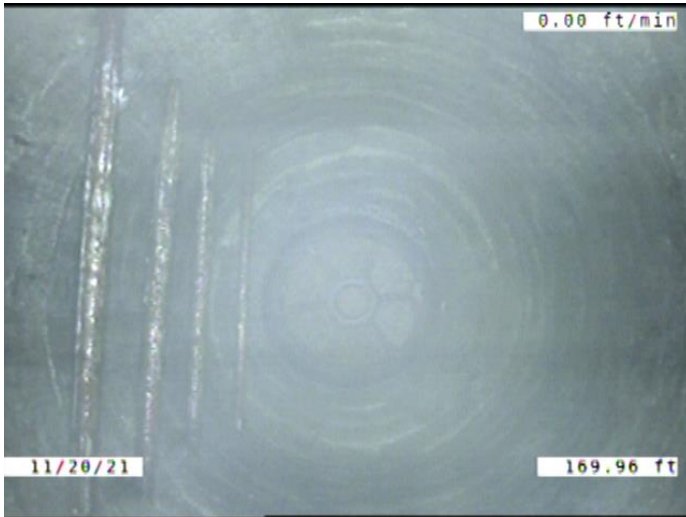
Code: **SSS**  
 Description: **Surface Damage Surface Spalling**

Distance (ft): **164.7**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **4**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **167.9**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F08**  
 Within 8" of Joint: **YES**  
 Remarks:



Code:	<b>AMH</b>
Description:	<b>Manhole</b>
Distance (ft):	<b>170.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>M-604-095</b>