

# Profile/Photo Observation Report



Date:	<b>02/24/2022</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>301.0</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-706-008.1-008</b>
Customer:	<b>City of Hobart, IN (Red</b>	Clean Date:	<b>02/19/2022</b>	Shape:	<b>C</b>

Street:	<b>South Garfield 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>8"</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-706-008.1</b>	DS MH:	<b>M-706-008</b>
		Total Length Surveyed (ft):	<b>300.0</b>

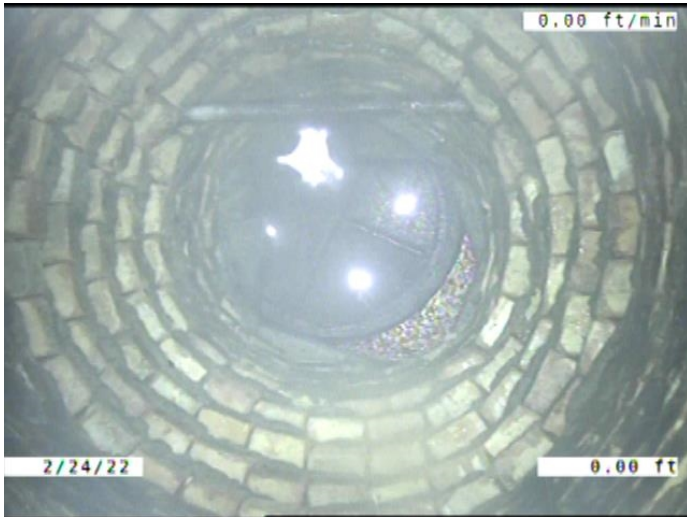
O&M Index:	<b>1.65</b>	O&M Quick:	<b>4532</b>	O&M Rating:	<b>242.00</b>
Structural Index:	<b>3.65</b>	Structural Quick:	<b>534M</b>	Structural Rating:	<b>372.00</b>
Overall Index:	<b>2.47</b>	Overall Quick:	<b>534N</b>	Overall Rating:	<b>614.00</b>

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	92	NA
	2.7	B	Broken	203	S 4
	4.9	RFJ(S02)	Roots Fine Joint	269	M 1
	8.9	JAM	Joint Angular Medium	316	S 3
	12.8	FM(S14)	Fracture Multiple	360	S 4
	12.8	JAM	Joint Angular Medium	362	S 3
	14.6	LR	Line Right	387	M 1
	16.9	JAM	Joint Angular Medium	414	S 3
	18.9	JAM	Joint Angular Medium	441	S 3
	20.1	DSF(S03)	Deposits Settled Fine	469	M 2
	23.1	JAM	Joint Angular Medium	500	S 3
	23.1	LL	Line Left	514	M 1
	25.1	JAM	Joint Angular Medium	536	S 3
	32.8	TBI	Tap Break-in Intruding	619	M 2
	38.5	TFC	Tap Factory Capped	672	NA
	40.3	TFC	Tap Factory Capped	707	NA
	44.7	LR	Line Right	745	M 1
	45.6	JAL	Joint Angular Large	763	S 4

48.1	SSS	Surface Damage Surface Spalling	826	S 2
48.2	TBI	Tap Break-in Intruding	847	M 2
49.4	JAL	Joint Angular Large	872	S 4
50.3	TB	Tap Break-in/Hammer	926	NA
54.7	LR	Line Right	964	M 1
55.5	JAL	Joint Angular Large	979	S 4
58.5	TFD	Tap Factory Defective	1016	M 3
69.6	JAL	Joint Angular Large	1078	S 4
76.9	LL	Line Left	1128	M 2
80.1	JAL	Joint Angular Large	1159	S 4
84.2	OBJ	Obstruction Wedged In The Joint	1207	M 2
86.4	JAL	Joint Angular Large	1240	S 4
88.1	RPP	Point Repair Patch	1328	NA
90.7	MWLS	Miscellaneous Water Level Sag	1357	S 2
99.5	TF	Tap Factory	1421	NA
101.4	TF	Tap Factory	1461	NA
103.0	TBI	Tap Break-in Intruding	1526	M 2
104.6	JAM	Joint Angular Medium	1557	S 3
105.2	TBI	Tap Break-in Intruding	1603	M 2
106.8	JAL	Joint Angular Large	1632	S 4
108.9	JAL	Joint Angular Large	1667	S 4
109.5	TF	Tap Factory	1695	NA
110.9	JAM	Joint Angular Medium	1733	S 3
112.9	JAM	Joint Angular Medium	1765	S 3
121.1	MWLS(S04)	Miscellaneous Water Level Sag	1813	S 2
124.0	TFC	Tap Factory Capped	1839	NA
129.3	JAL	Joint Angular Large	1882	S 4
130.4	TBI	Tap Break-in Intruding	1935	M 2
130.8	MWLS(F04)	Miscellaneous Water Level Sag	1957	S 2
133.0	LL	Line Left	1980	M 1
135.4	JAL	Joint Angular Large	2009	S 4
135.4	MWL	Miscellaneous Water Level	2026	NA
151.8	JAL	Joint Angular Large	2197	S 4
152.7	TFC	Tap Factory Capped	2230	NA
153.2	LR(S05)	Line Right	2254	M 4
158.7	LR(F05)	Line Right	2320	M 4
158.7	LL(S07)	Line Left	2328	M 4
162.8	B	Broken	2356	S 4
165.2	TBI	Tap Break-in Intruding	2405	M 2
167.1	TFC	Tap Factory Capped	2435	NA
167.4	LL(F07)	Line Left	2456	M 4
167.4	MWL	Miscellaneous Water Level	2464	NA

167.4	LL(S08)	Line Left	2471	M 2
173.6	LL(F08)	Line Left	2516	M 2
173.6	LL(S09)	Line Left	2526	M 2
179.5	MWLS(S10)	Miscellaneous Water Level Sag	2570	S 3
182.7	FM(F14)	Fracture Multiple	2618	S 4
182.9	MCU(S11)	Miscellaneous Camera Underwater	2625	M 4
186.3	FM(S15)	Fracture Multiple	2682	S 4
186.6	TB	Tap Break-in/Hammer	2704	NA
188.7	MCU(F11)	Miscellaneous Camera Underwater	2780	M 4
195.1	TFD	Tap Factory Defective	2833	M 3
195.7	MWLS(F10)	Miscellaneous Water Level Sag	2853	S 3
200.4	SSS	Surface Damage Surface Spalling	2935	S 2
200.8	TBI	Tap Break-in Intruding	2952	M 2
213.5	TFC	Tap Factory Capped	3026	NA
214.8	SSS	Surface Damage Surface Spalling	3058	S 2
214.8	LL(F09)	Line Left	3072	M 2
231.4	SSS	Surface Damage Surface Spalling	3184	S 2
235.6	OBZ	Obstruction Other	3238	M 2
239.7	OBM	Obstruction Pipe Material in Invert	3300	M 2
242.1	TFC	Tap Factory Capped	3338	NA
251.7	SSS	Surface Damage Surface Spalling	3407	S 2
257.6	BVV	Broken Void Visible	3499	S 5
262.9	MWLS(S12)	Miscellaneous Water Level Sag	3545	S 2
267.4	MWLS(F12)	Miscellaneous Water Level Sag	3580	S 2
272.8	SSS	Surface Damage Surface Spalling	3624	S 2
279.5	MWLS(S13)	Miscellaneous Water Level Sag	3672	S 2
284.2	JAL	Joint Angular Large	3708	S 4
287.5	MWLS(F13)	Miscellaneous Water Level Sag	3747	S 2
288.3	LD	Line Down	3781	M 4
290.1	JOMD	Joint Offset Medium Defective	3806	S 3
293.0	JOM	Joint Offset Medium	3841	S 3
294.4	DR	Deformed Rigid	3875	S 5
295.5	H	Hole	3911	S 4
296.4	HVV	Hole Void Visible	3974	S 5
299.0	FM(F15)	Fracture Multiple	4040	S 4
299.0	JOMD	Joint Offset Medium Defective	4041	S 3
299.6	DSF(F03)	Deposits Settled Fine	4071	M 2
299.6	RFJ(F02)	Roots Fine Joint	4079	M 1
300.0	AMH	Manhole	4203	NA

M-706-008



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

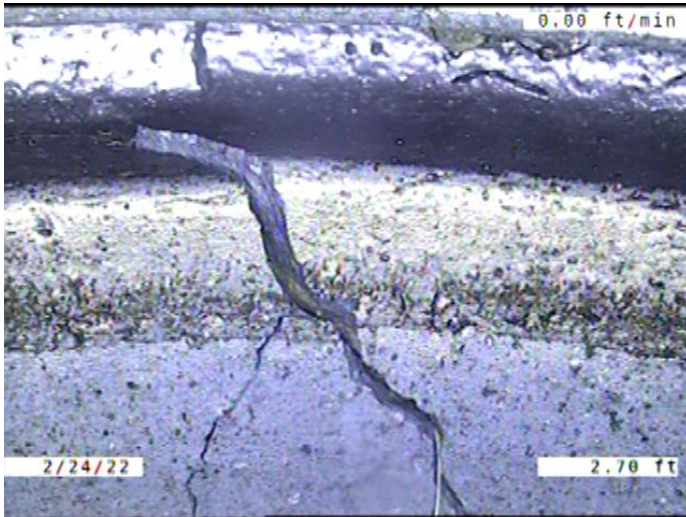
Distance (ft): **.0**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **M-706-008.1**



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:

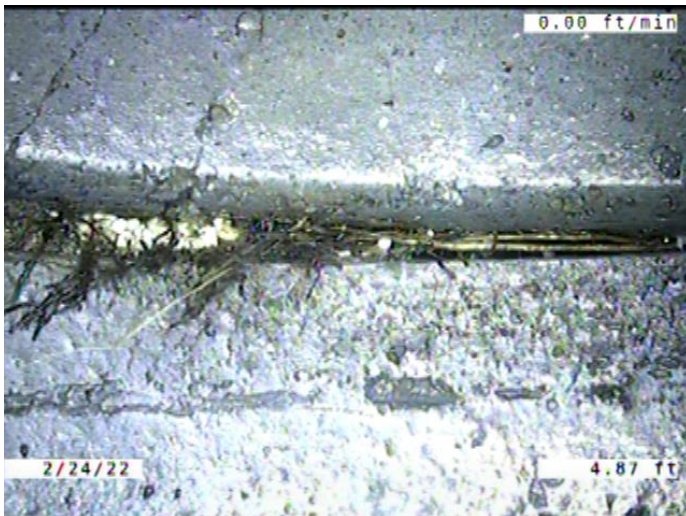




Code: **B**  
Description: **Broken**

Distance (ft): **2.7**  
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:

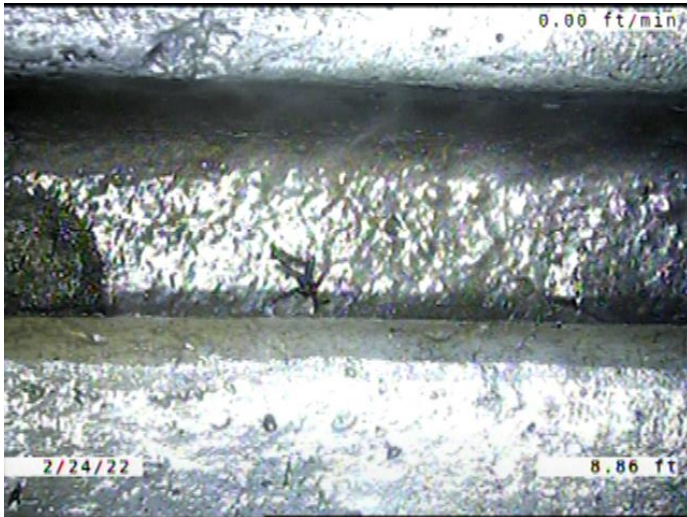
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Code: **RFJ**  
Description: **Roots Fine Joint**

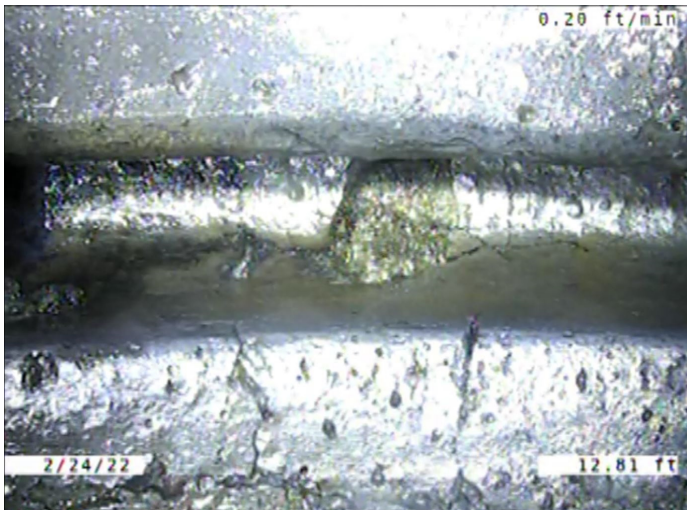
Distance (ft): **4.9**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks:

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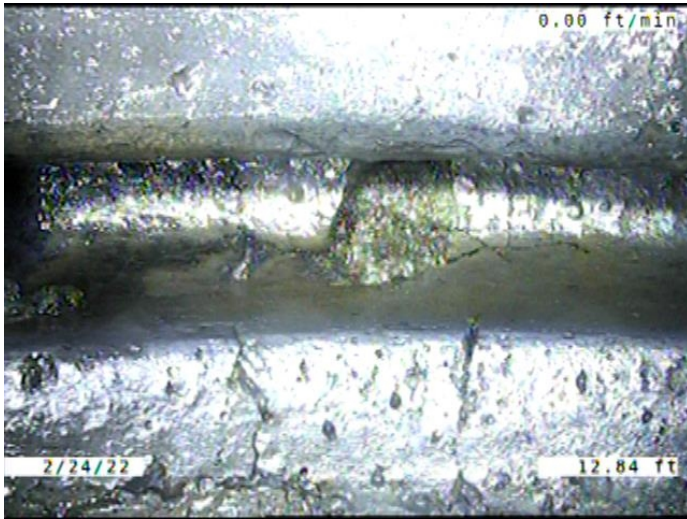
Code: **JAM**  
 Description: **Joint Angular Medium**

Distance (ft): **8.9**  
 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:



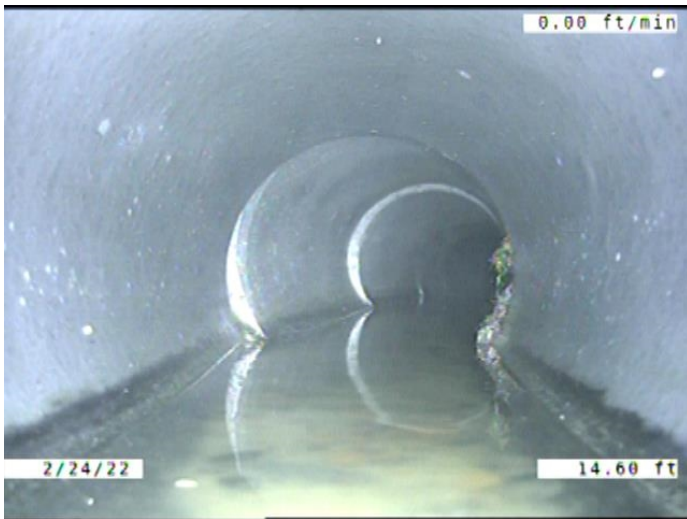
Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **12.8**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S14**  
 Within 8" of Joint: **YES**  
 Remarks: **Wandering**



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

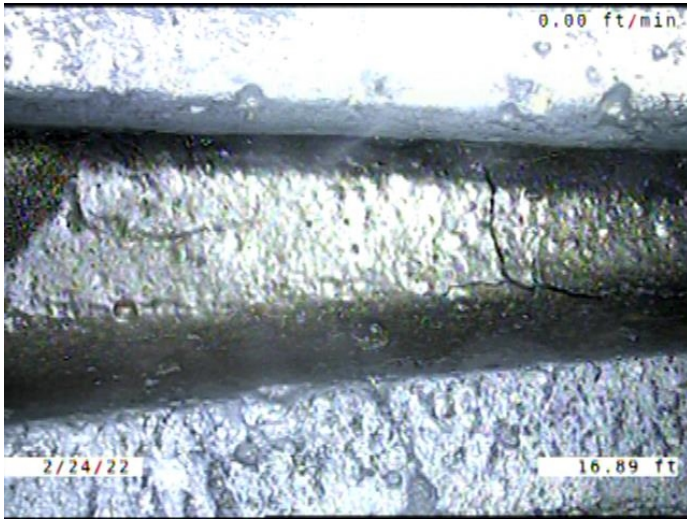
Distance (ft): **12.8**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **14.6**  
 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:

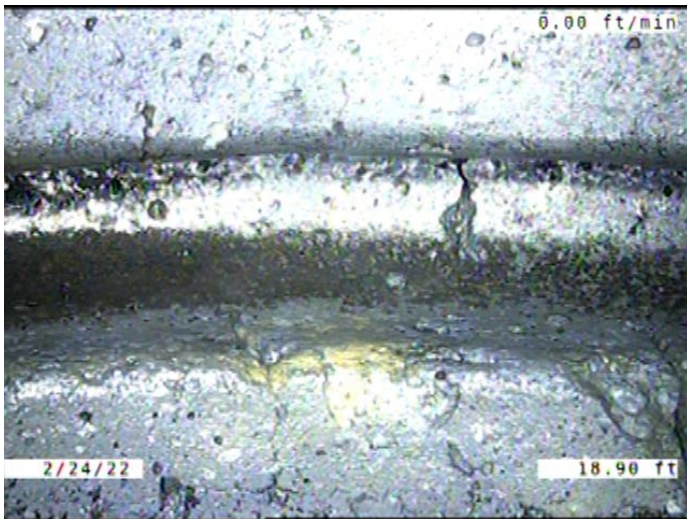




Code: **JAM**  
Description: **Joint Angular Medium**

Distance (ft): **16.9**  
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: **JAM**  
Description: **Joint Angular Medium**

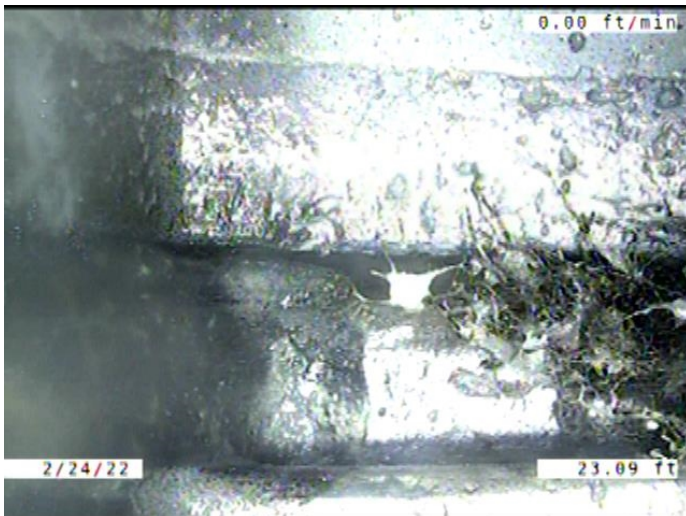
Distance (ft): **18.9**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **20.1**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S03**  
 Within 8" of Joint: **YES**  
 Remarks:



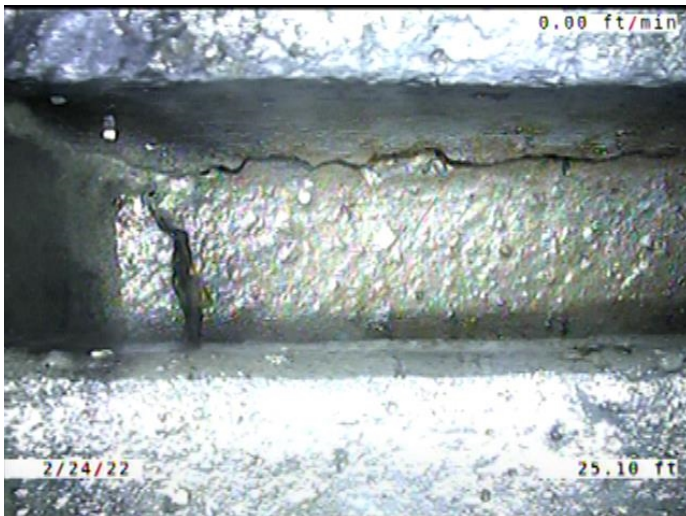
Code: **JAM**  
 Description: **Joint Angular Medium**

Distance (ft): **23.1**  
 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:



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

Distance (ft): **23.1**  
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: **JAM**  
Description: **Joint Angular Medium**

Distance (ft): **25.1**  
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:





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

Distance (ft): **32.8**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value: **2.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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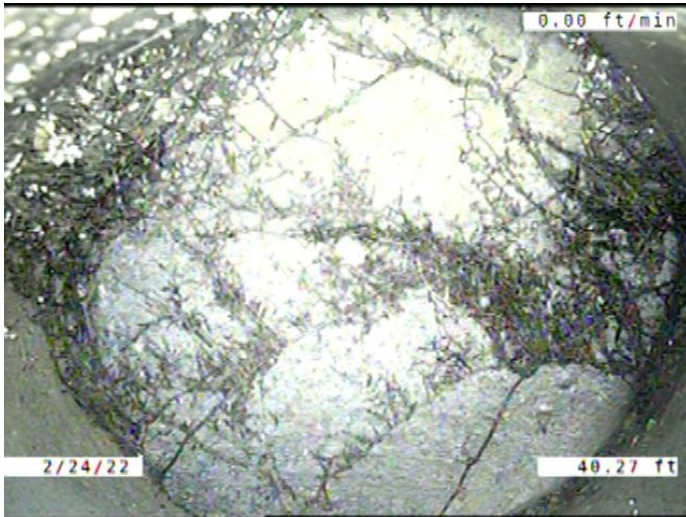


Code: **TFC**  
 Description: **Tap Factory Capped**

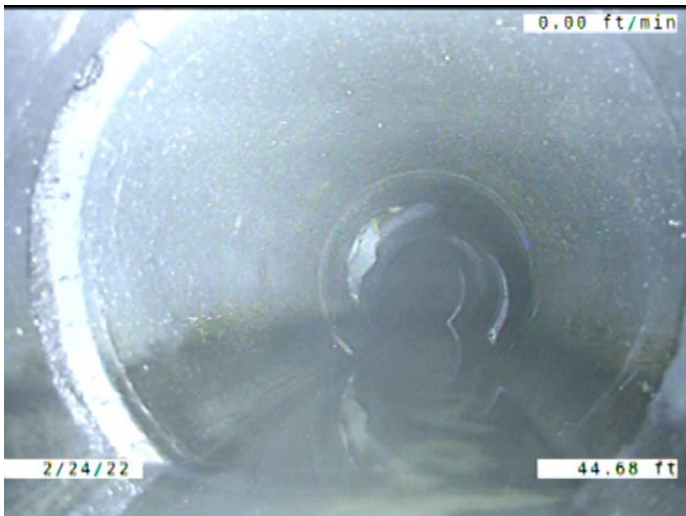
Distance (ft): **38.5**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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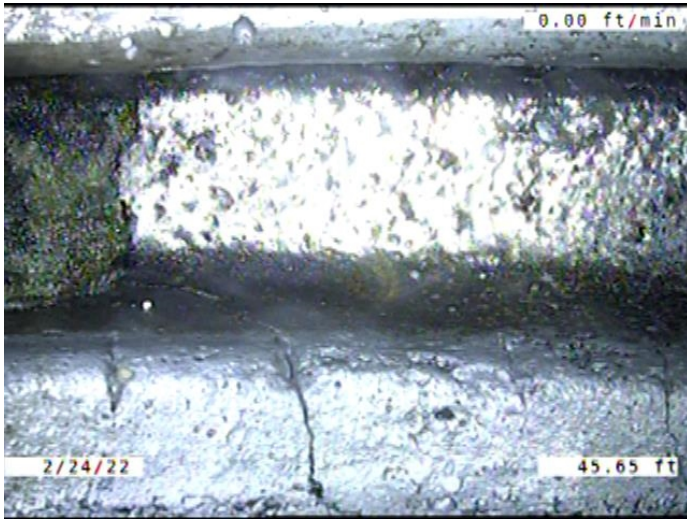




Code:	<b>TFC</b>
Description:	<b>Tap Factory Capped</b>
Distance (ft):	<b>40.3</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>11</b>
Clock To:	
1st Value:	<b>6.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>ROOTS GROWING AROUND THE CAP</b>

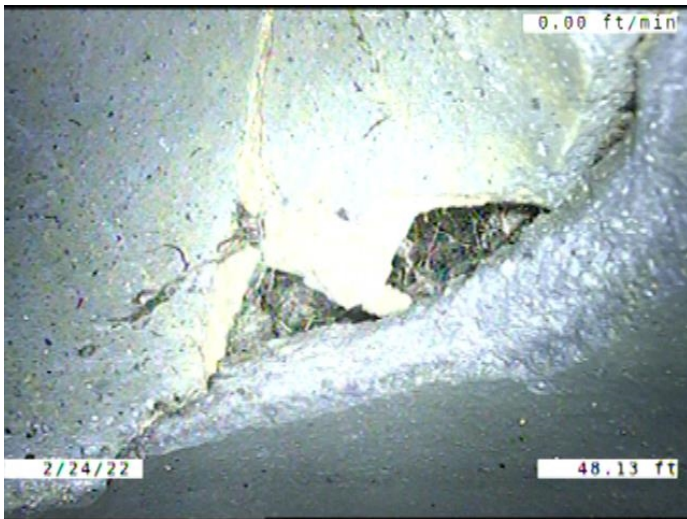


Code:	<b>LR</b>
Description:	<b>Line Right</b>
Distance (ft):	<b>44.7</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>1</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	



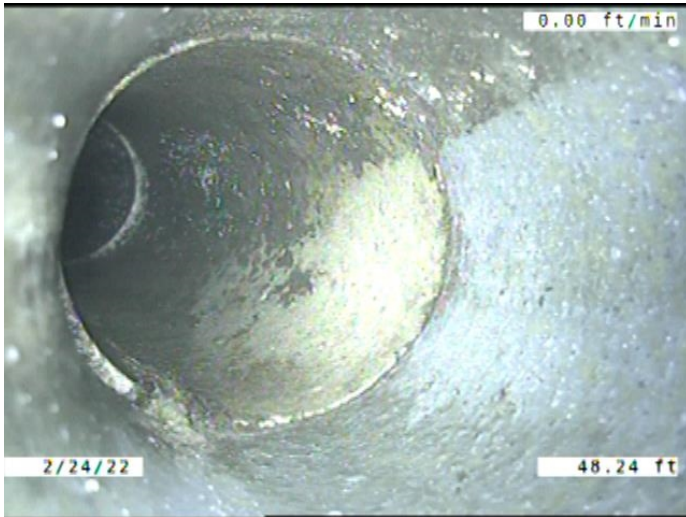
Code: **JAL**  
 Description: **Joint Angular Large**

Distance (ft): **45.6**  
 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:



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

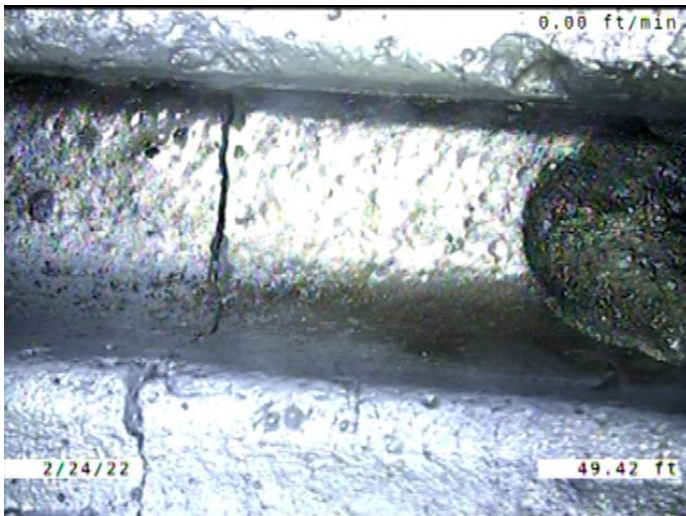
Distance (ft): **48.1**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **48.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **10**  
Clock To:  
1st Value: **6.000**  
2nd Value: **1.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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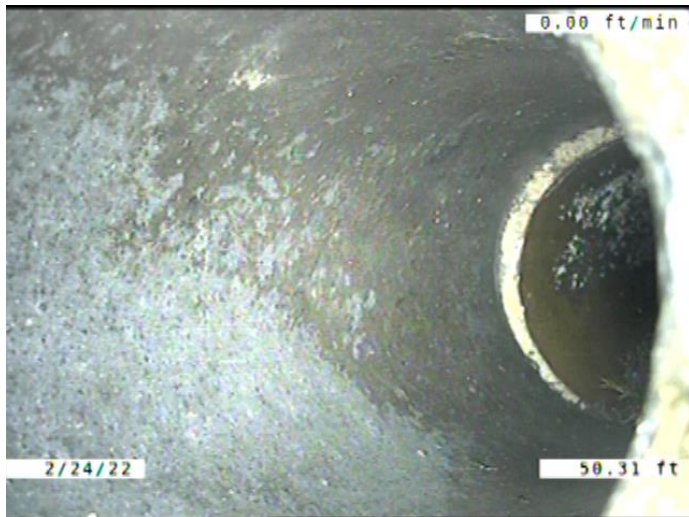


Code: **JAL**  
Description: **Joint Angular Large**

Distance (ft): **49.4**  
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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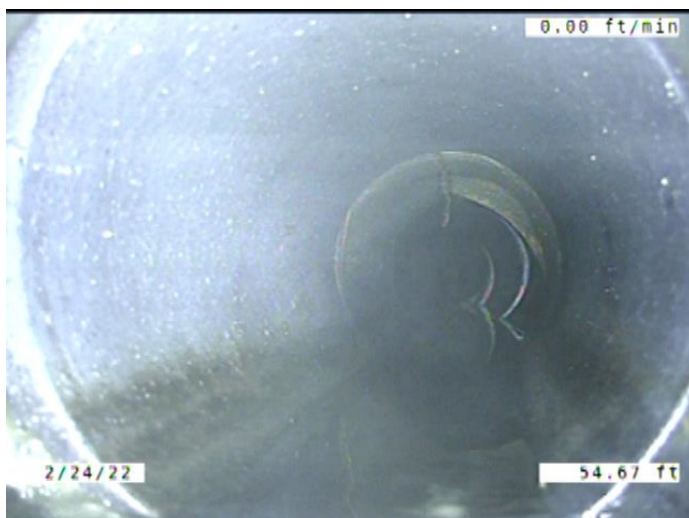




Code: **TB**  
 Description: **Tap Break-in/Hammer**

Distance (ft): **50.3**  
 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:

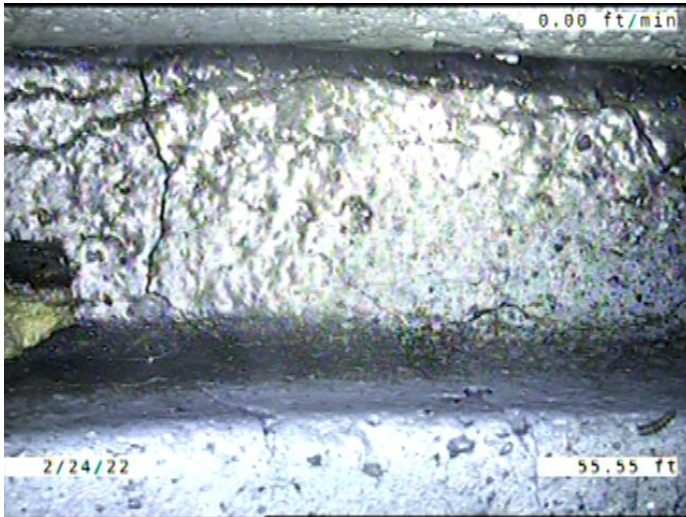
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Code: **LR**  
 Description: **Line Right**

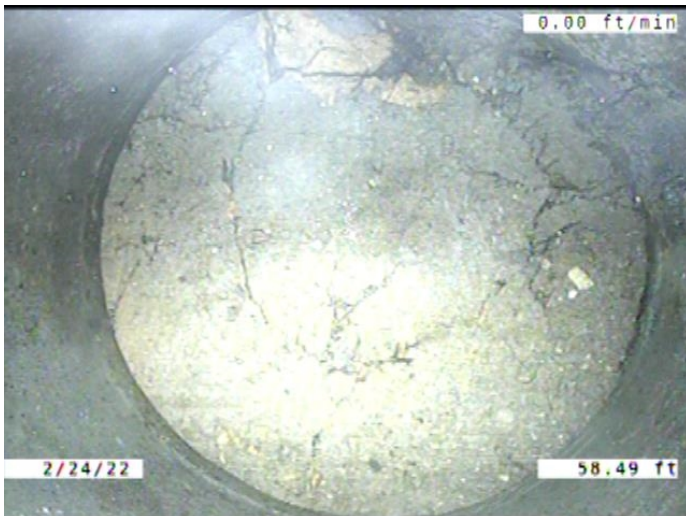
Distance (ft): **54.7**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:

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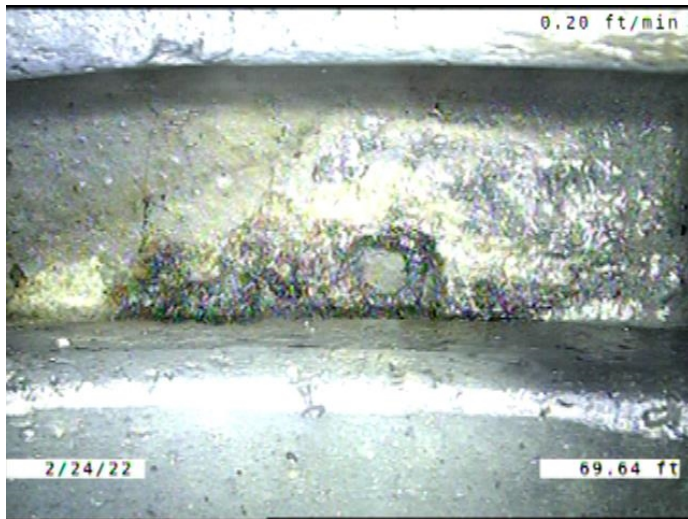
Code: **JAL**  
Description: **Joint Angular Large**

Distance (ft): **55.5**  
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:



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

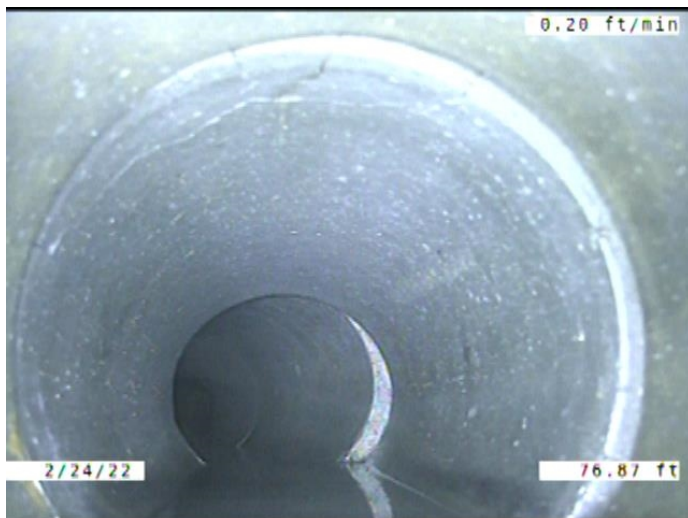
Distance (ft): **58.5**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **2**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CAPPED. CAP BROKEN. ROOTS GROWING AROUND IT AND THROU**



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

Distance (ft): **69.6**  
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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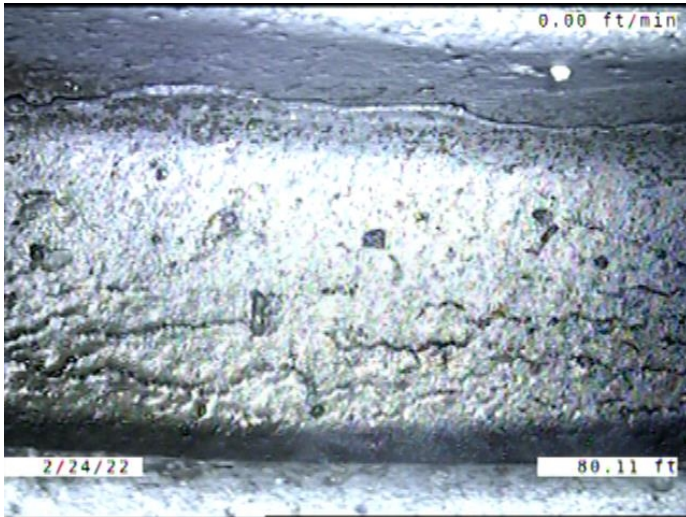


Code: **LL**  
Description: **Line Left**

Distance (ft): **76.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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

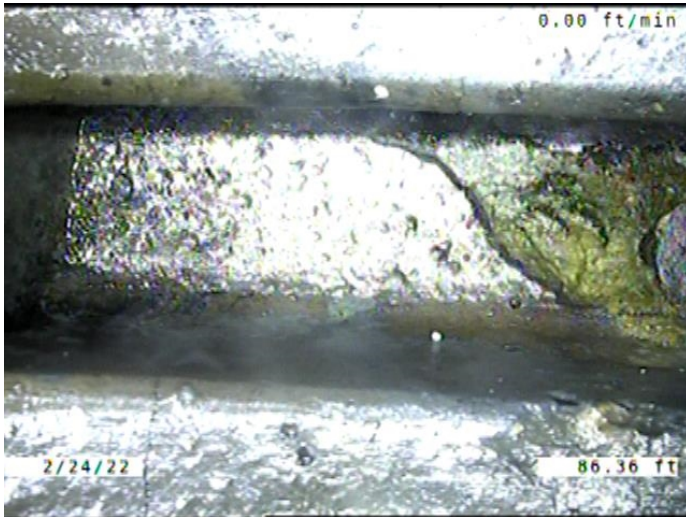
Distance (ft): **80.1**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **OBJ**  
 Description: **Obstruction Wedged In The Joint**

Distance (ft): **84.2**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **7**  
 Clock To: **9**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ROOT THAT HAS BEEN CUT**

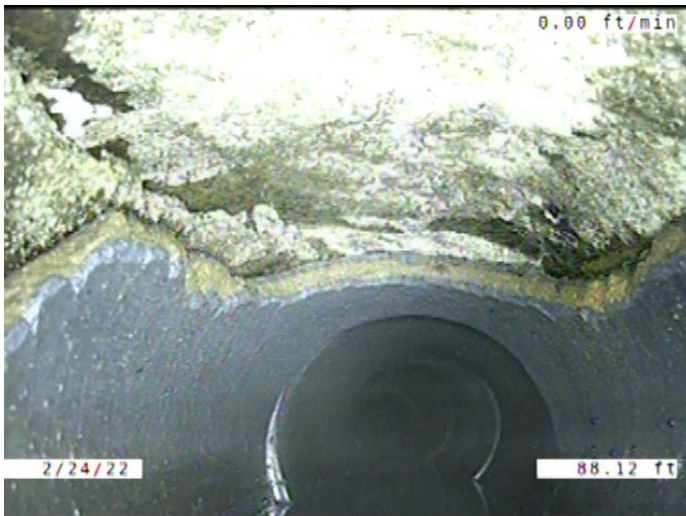




Code: **JAL**  
Description: **Joint Angular Large**

Distance (ft): **86.4**  
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:

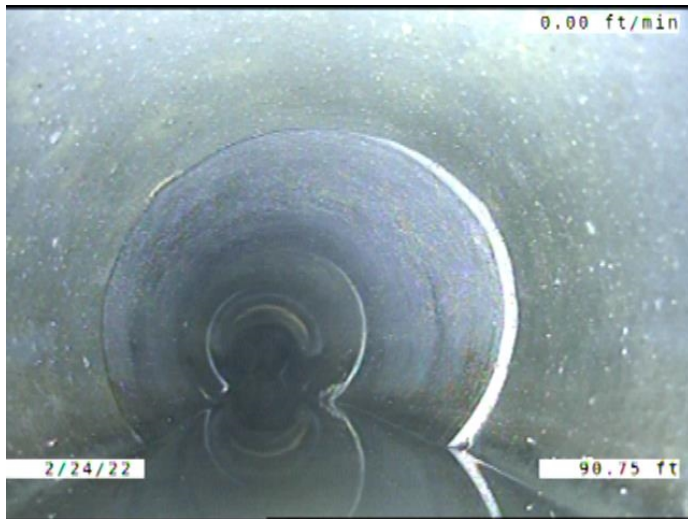
---



Code: **RPP**  
Description: **Point Repair Patch**

Distance (ft): **88.1**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **LOOKS TO HAVE BEEN REPAIRED**

---



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

Distance (ft): **90.7**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



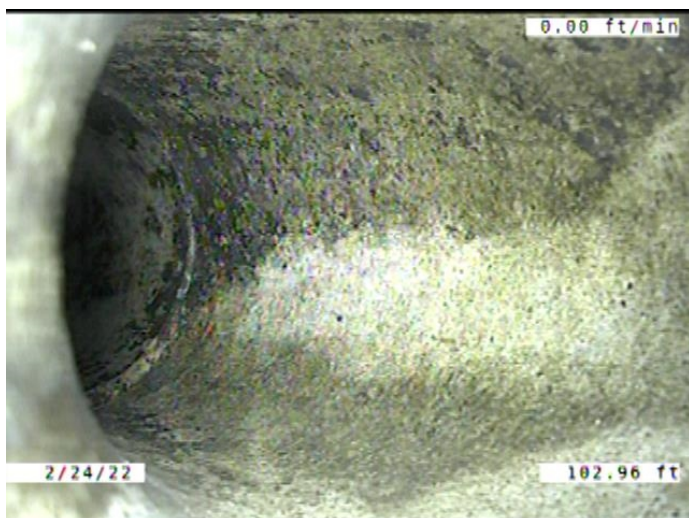
Code: **TF**  
 Description: **Tap Factory**

Distance (ft): **99.5**  
 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: **ROOTS GROWING FROM THE MAIN TO SERVICE CONNECTION**



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

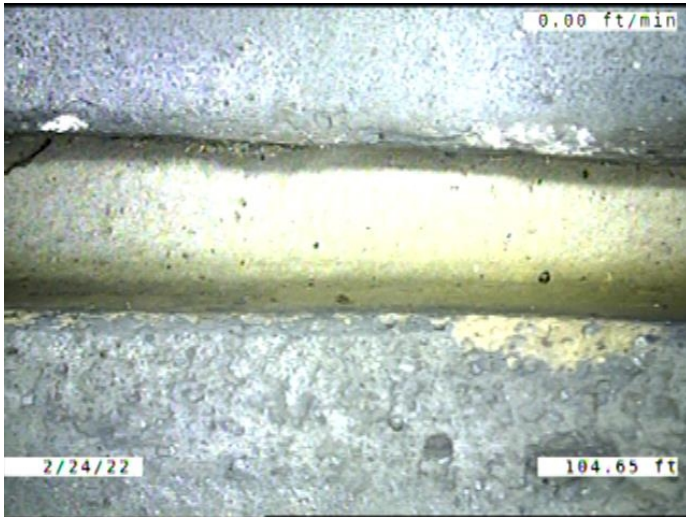
Distance (ft): **101.4**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **103.0**  
 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:

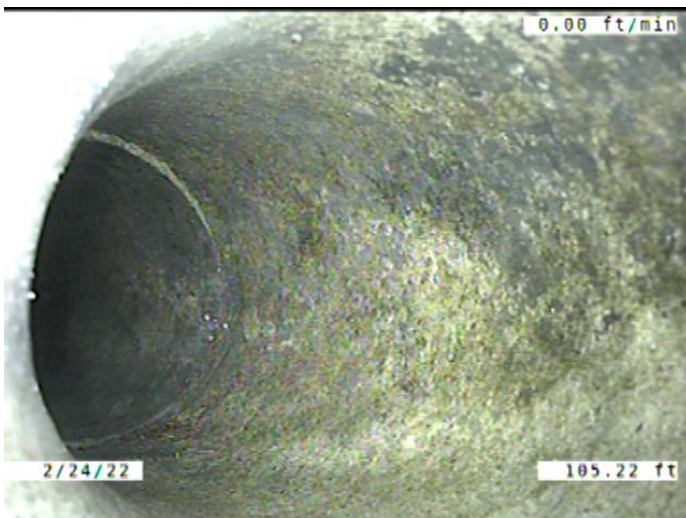




Code: **JAM**  
Description: **Joint Angular Medium**

Distance (ft): **104.6**  
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:

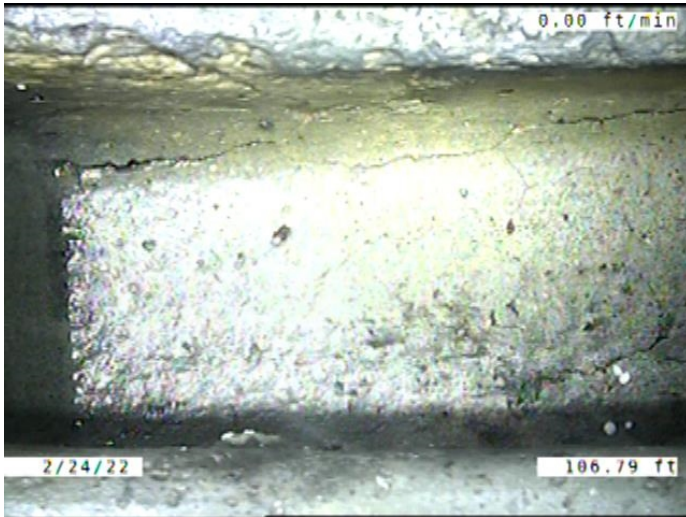
---



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

Distance (ft): **105.2**  
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:

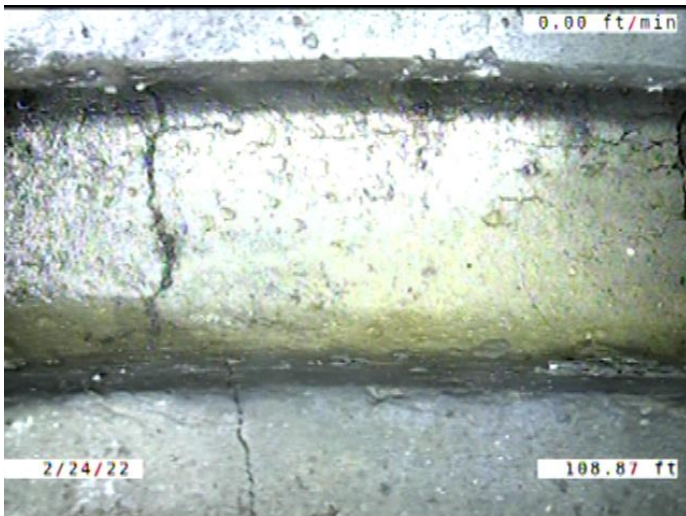
---



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

Distance (ft): **106.8**  
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:

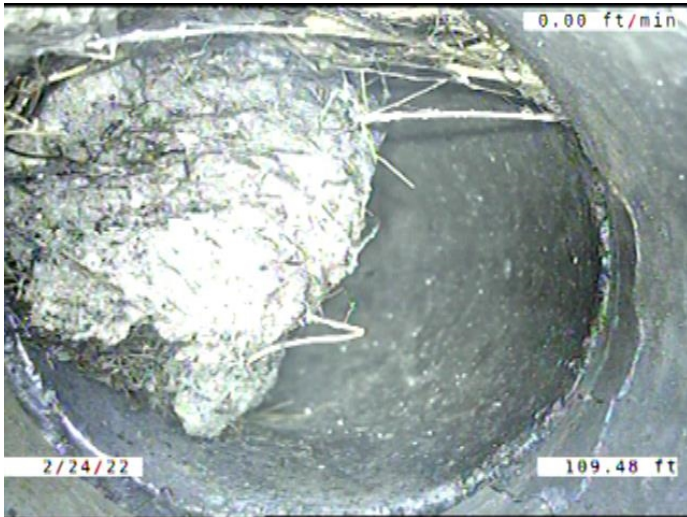
---



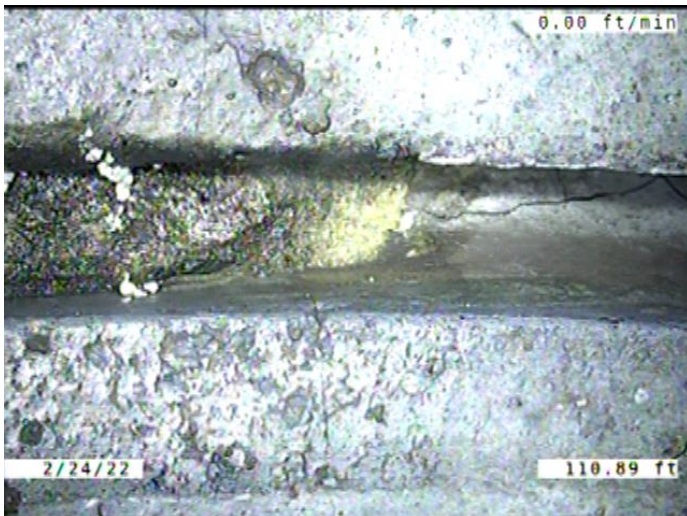
Code: **JAL**  
Description: **Joint Angular Large**

Distance (ft): **108.9**  
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:

---



Code:	<b>TF</b>
Description:	<b>Tap Factory</b>
Distance (ft):	<b>109.5</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>11</b>
Clock To:	
1st Value:	<b>6.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>80% PLUGGED WITH ROOTS</b>



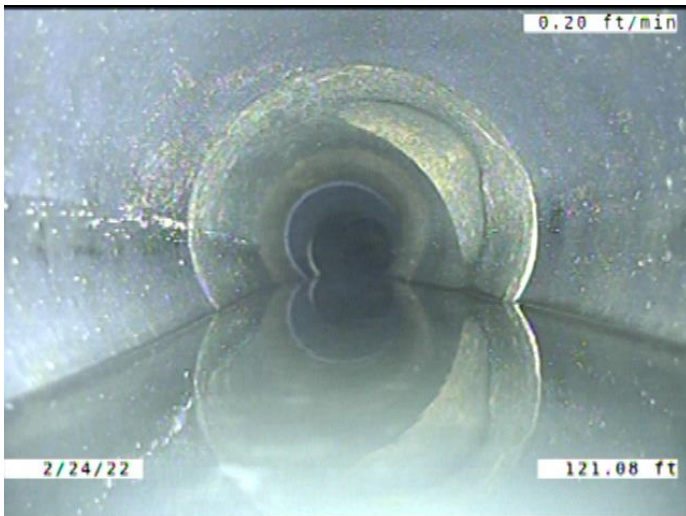
Code:	<b>JAM</b>
Description:	<b>Joint Angular Medium</b>
Distance (ft):	<b>110.9</b>
Structural Grade:	<b>3</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	





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

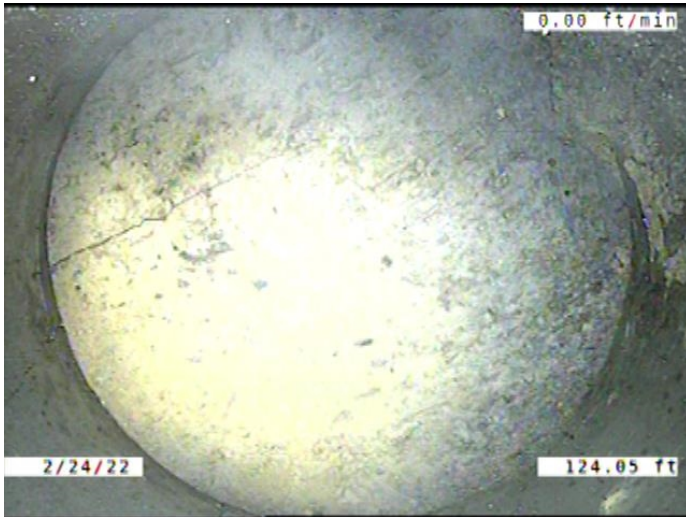
Distance (ft): **112.9**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



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

Distance (ft): **121.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **S04**  
Within 8" of Joint: **NO**  
Remarks:

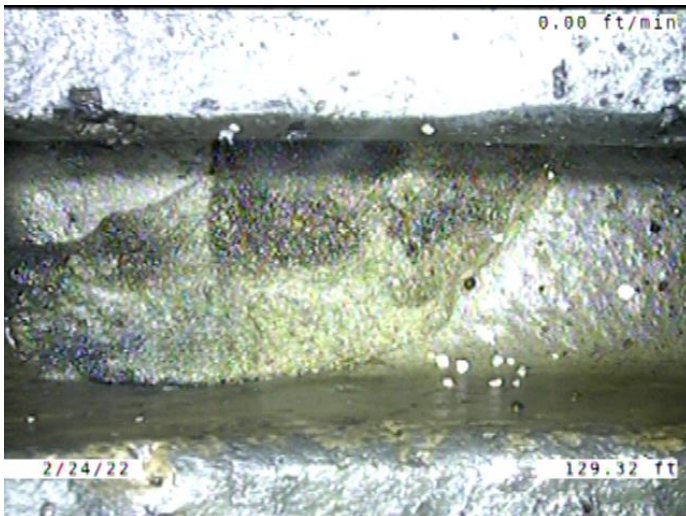




Code: **TFC**  
Description: **Tap Factory Capped**

Distance (ft): **124.0**  
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:

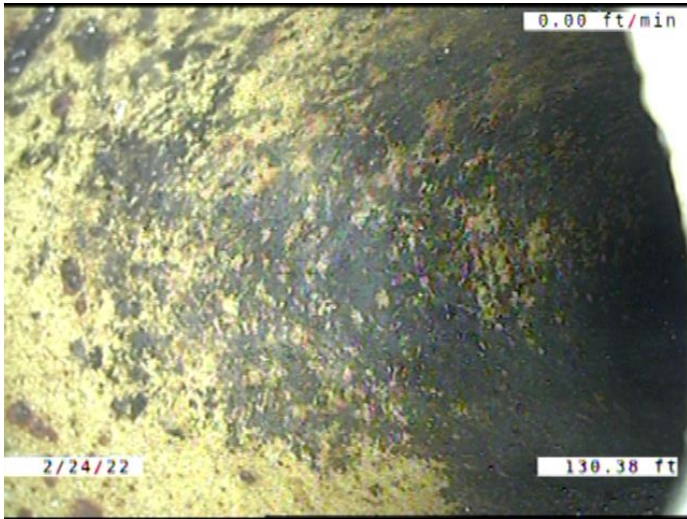
---



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

Distance (ft): **129.3**  
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:

---



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

Distance (ft): **130.4**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

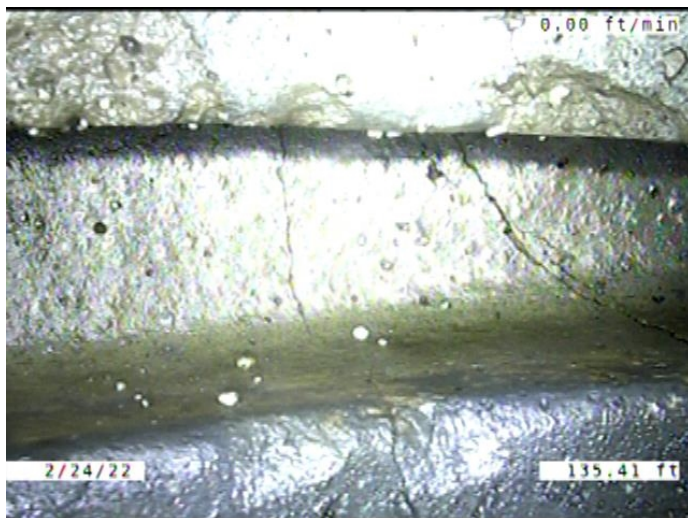
Distance (ft): **130.8**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **F04**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **133.0**  
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: **JAL**  
Description: **Joint Angular Large**

Distance (ft): **135.4**  
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:

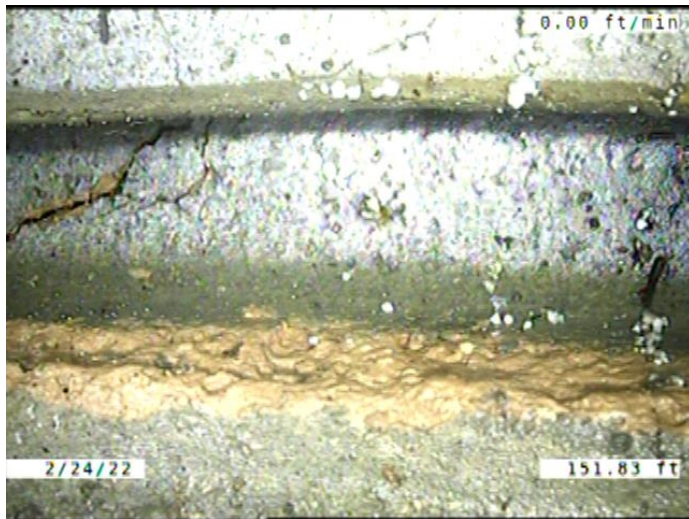
---





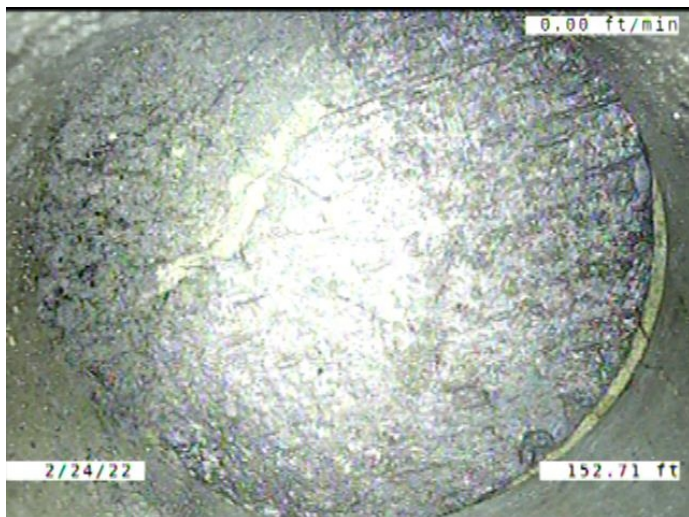
Code: **MWL**  
 Description: **Miscellaneous Water Level**

Distance (ft): **135.4**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **20.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



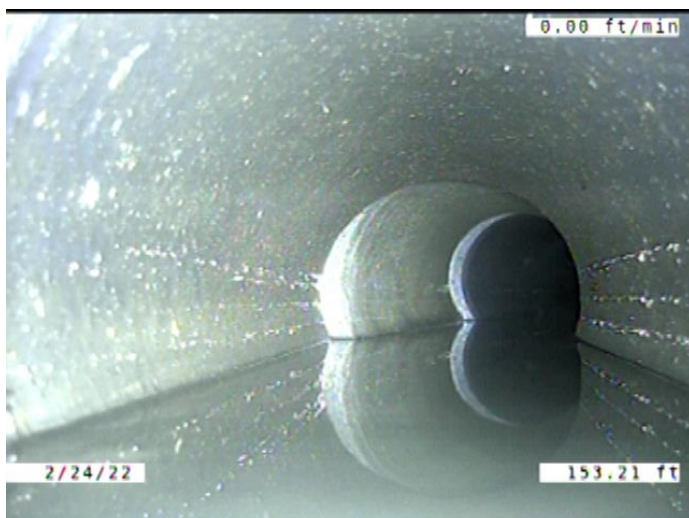
Code: **JAL**  
 Description: **Joint Angular Large**

Distance (ft): **151.8**  
 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:



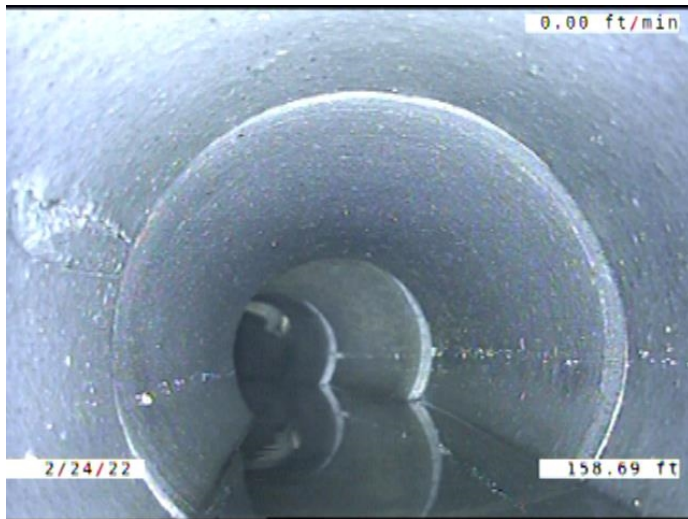
Code: **TFC**  
 Description: **Tap Factory Capped**

Distance (ft): **152.7**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ROOTS GROWING AROUND THE CAP**



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

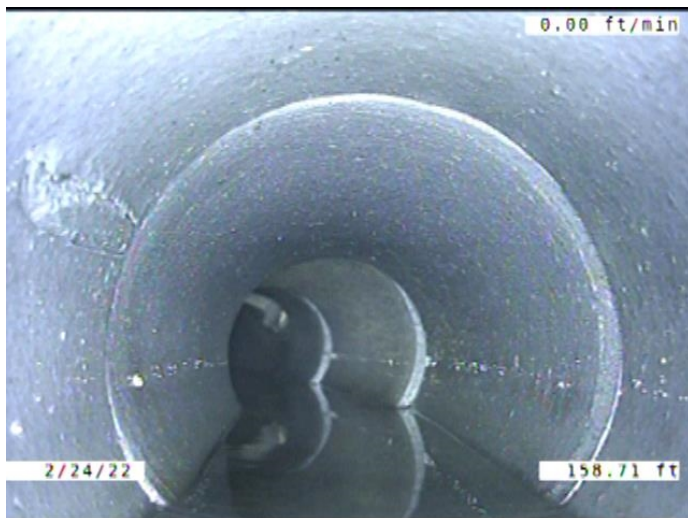
Distance (ft): **153.2**  
 Structural Grade: **0**  
 O&M Grade: **4**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **25.000**  
 Continuous Index: **S05**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **158.7**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **25.000**  
Continuous Index: **F05**  
Within 8" of Joint: **NO**  
Remarks:

---

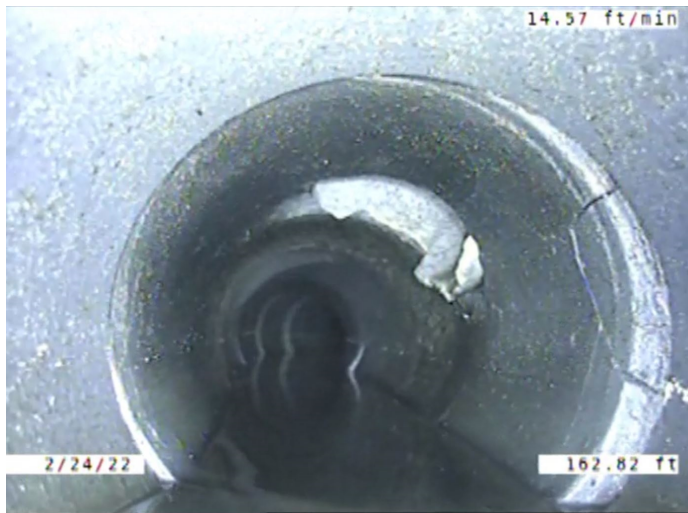


Code: **LL**  
Description: **Line Left**

Distance (ft): **158.7**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **25.000**  
Continuous Index: **S07**  
Within 8" of Joint: **NO**  
Remarks:

---





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

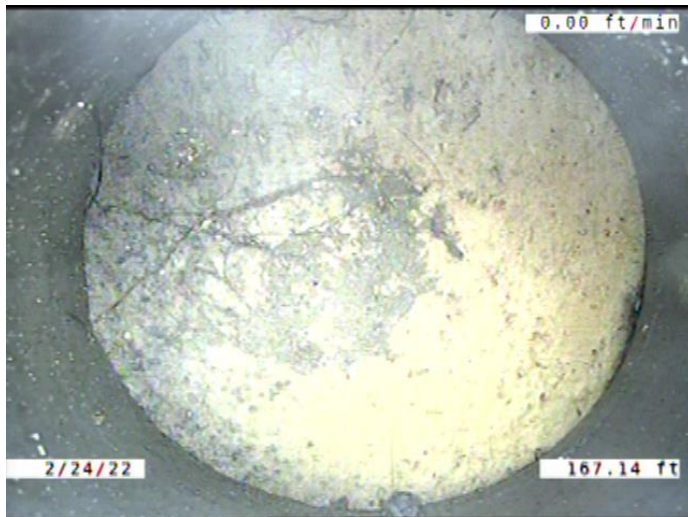
Distance (ft): **162.8**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

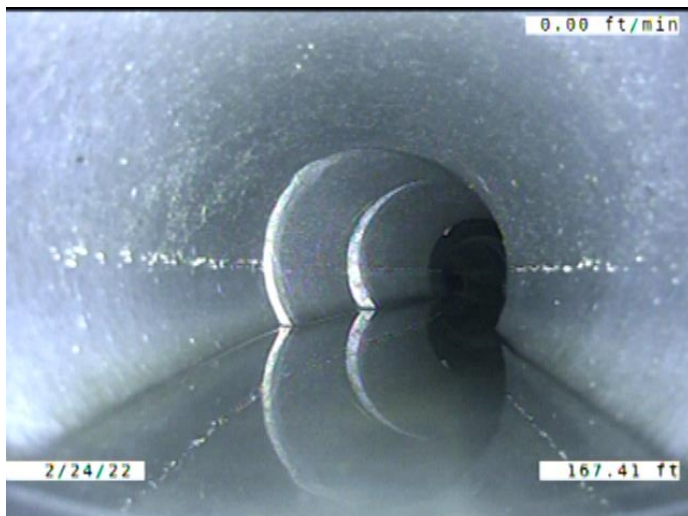
Distance (ft): **165.2**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **CONSTANTLY RUNNING WATER**





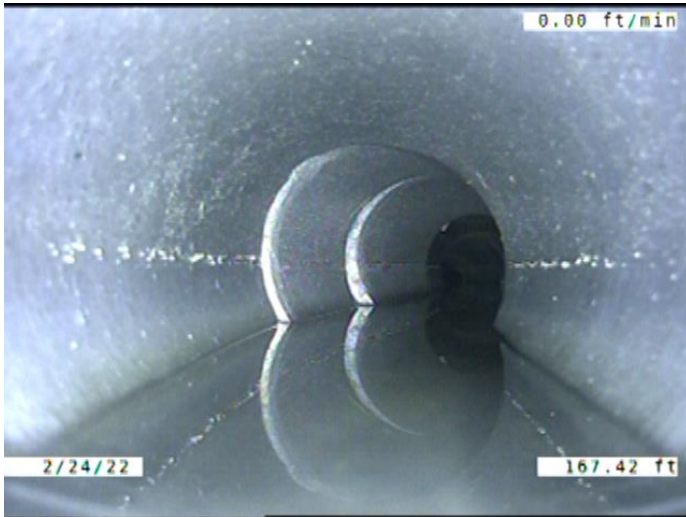
Code: **TFC**  
 Description: **Tap Factory Capped**

Distance (ft): **167.1**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

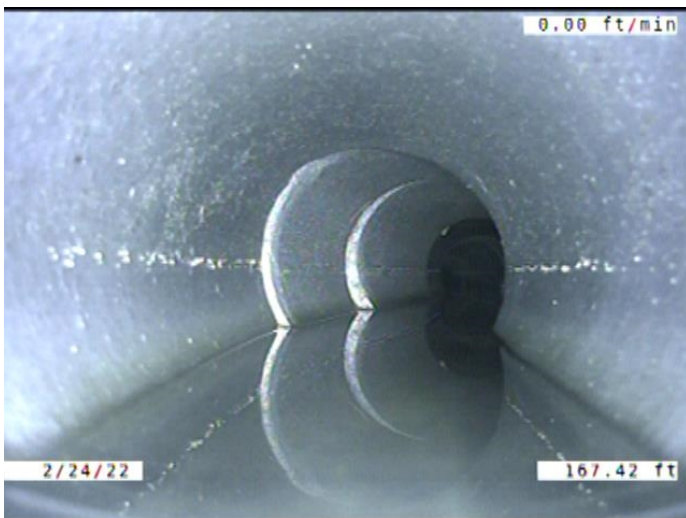
Distance (ft): **167.4**  
 Structural Grade: **0**  
 O&M Grade: **4**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **25.000**  
 Continuous Index: **F07**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **167.4**  
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:

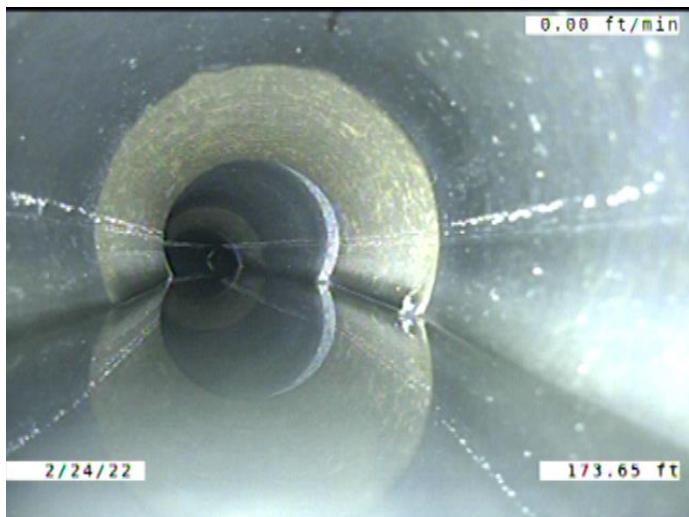
---



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

Distance (ft): **167.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **S08**  
Within 8" of Joint: **NO**  
Remarks:

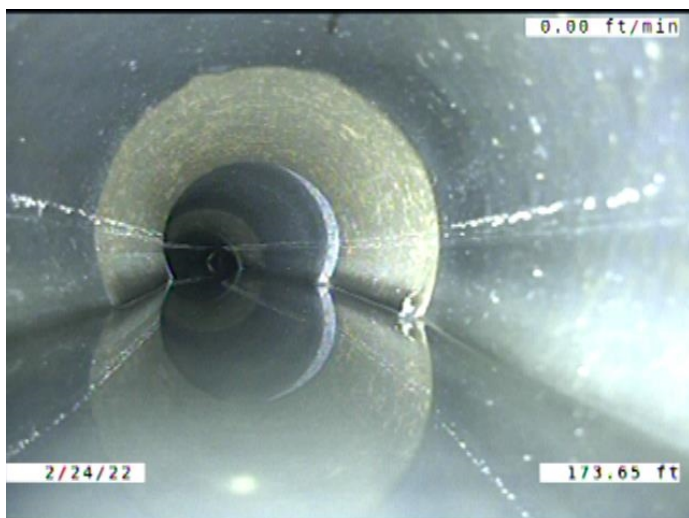
---



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

Distance (ft): **173.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **F08**  
Within 8" of Joint: **NO**  
Remarks:

---

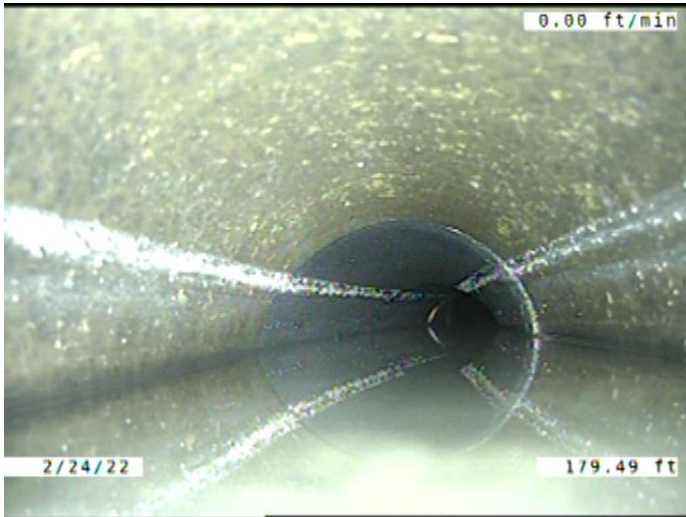


Code: **LL**  
Description: **Line Left**

Distance (ft): **173.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **S09**  
Within 8" of Joint: **NO**  
Remarks:

---

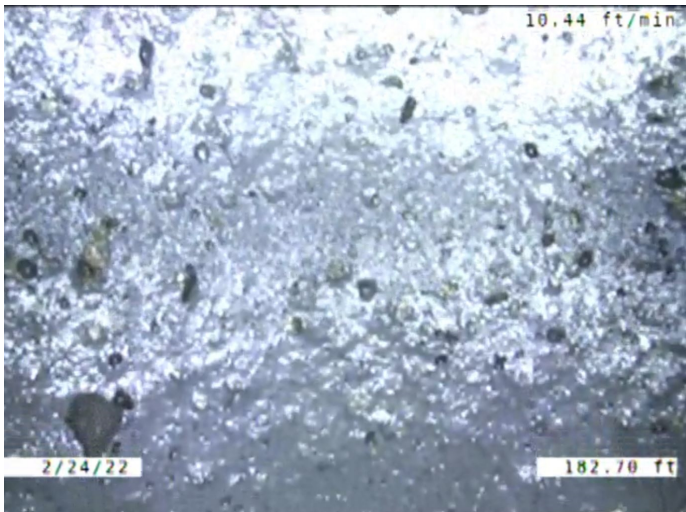




Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **179.5**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **50.000**  
Continuous Index: **S10**  
Within 8" of Joint: **NO**  
Remarks:

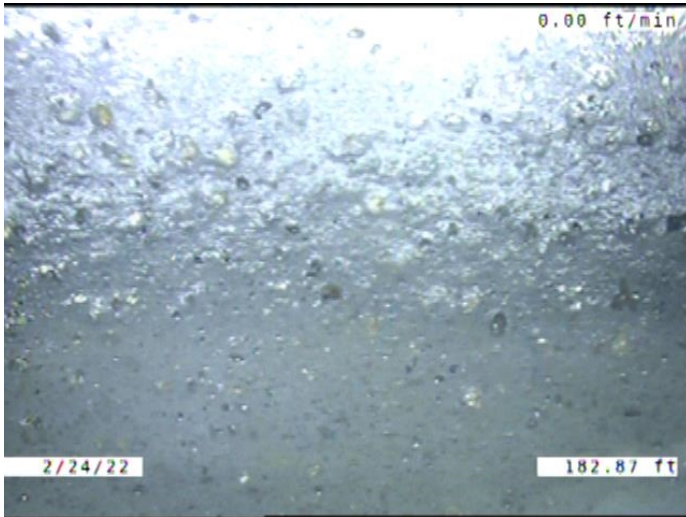
---



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

Distance (ft): **182.7**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F14**  
Within 8" of Joint: **YES**  
Remarks: **Wandering**

---



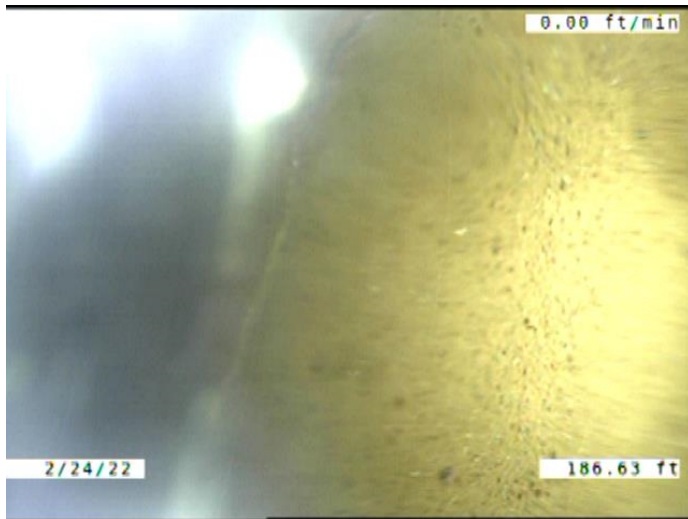
Code:	<b>MCU</b>
Description:	<b>Miscellaneous Camera Underwater</b>
Distance (ft):	<b>182.9</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>4</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>S11</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

---



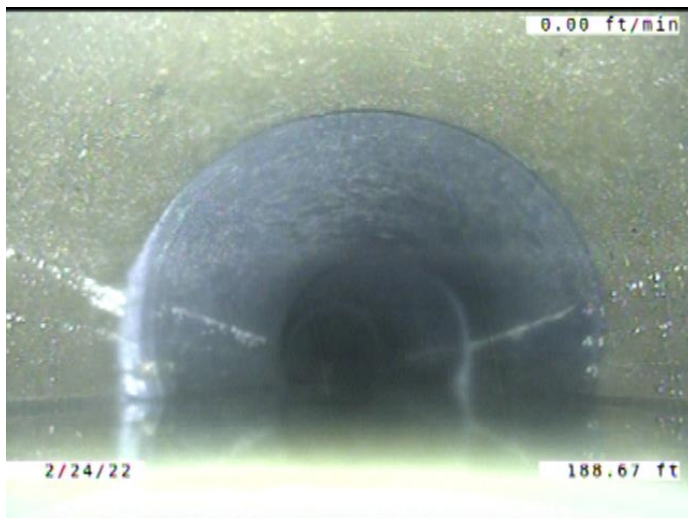
Code:	<b>FM</b>
Description:	<b>Fracture Multiple</b>
Distance (ft):	<b>186.3</b>
Structural Grade:	<b>4</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>10</b>
Clock To:	<b>2</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>S15</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>Visible through water. Wandering</b>

---



Code: **TB**  
Description: **Tap Break-in/Hammer**

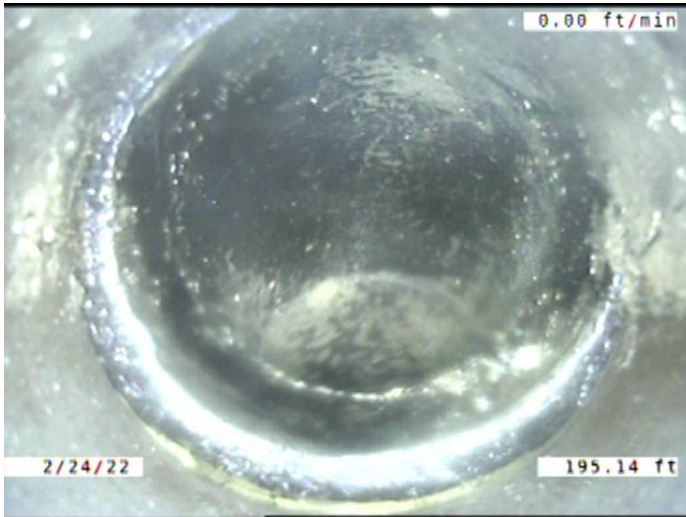
Distance (ft): **186.6**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:



Code: **MCU**  
Description: **Miscellaneous Camera Underwater**

Distance (ft): **188.7**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F11**  
Within 8" of Joint: **NO**  
Remarks:

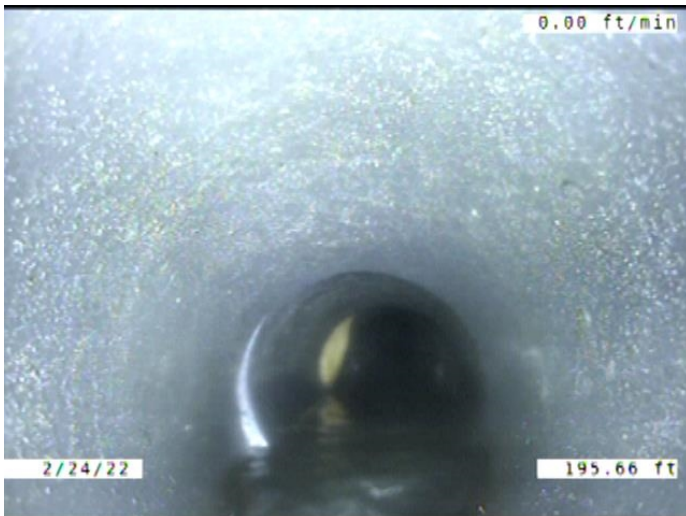




Code: **TFD**  
Description: **Tap Factory Defective**

Distance (ft): **195.1**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **12**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **FL**

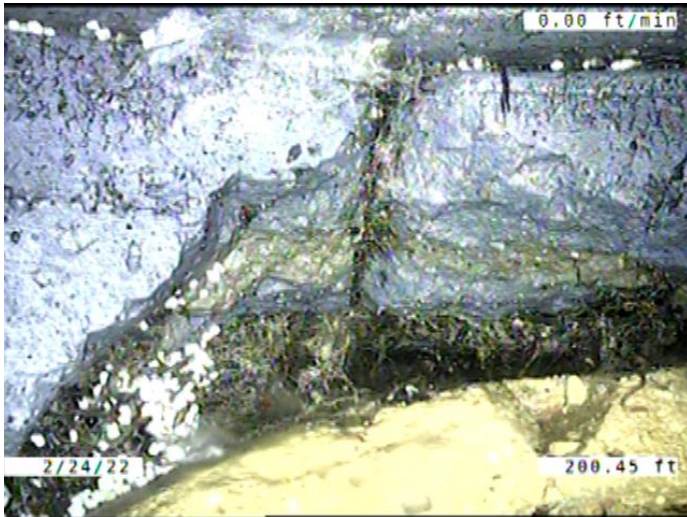
---



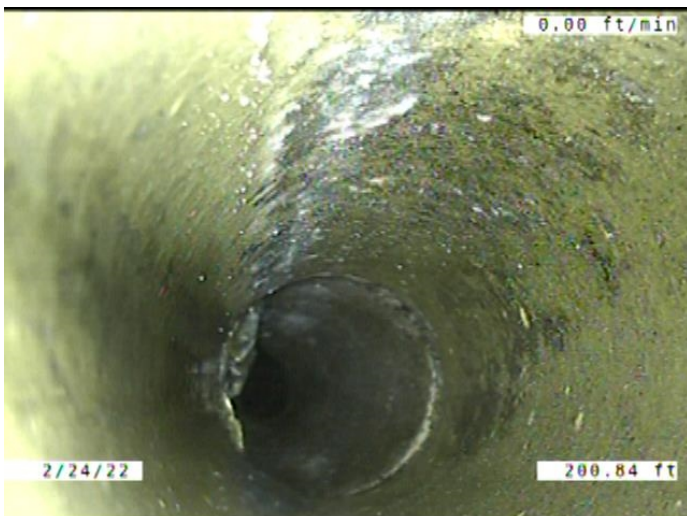
Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **195.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **50.000**  
Continuous Index: **F10**  
Within 8" of Joint: **NO**  
Remarks:

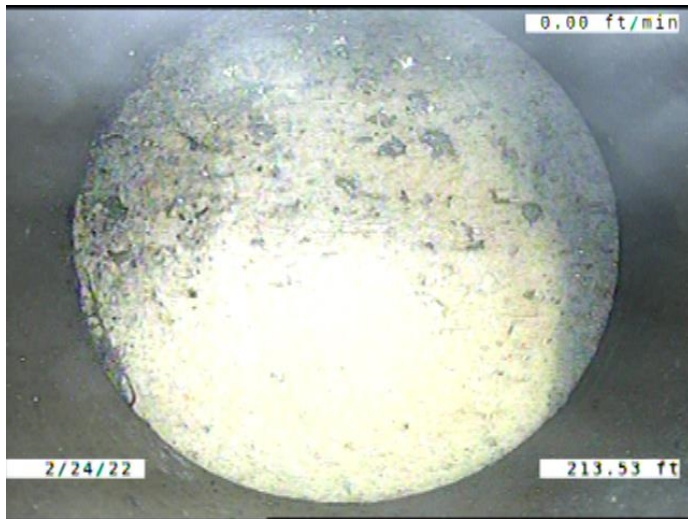
---



Code:	<b>SSS</b>
Description:	<b>Surface Damage Surface Spalling</b>
Distance (ft):	<b>200.4</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>9</b>
Clock To:	<b>12</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

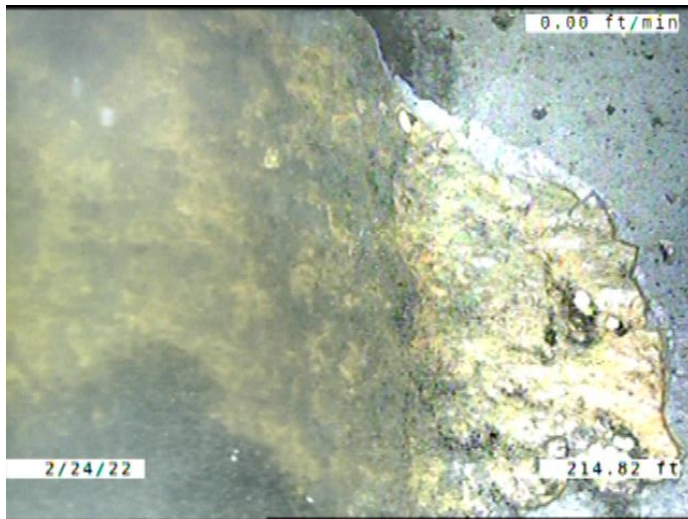


Code:	<b>TBI</b>
Description:	<b>Tap Break-in Intruding</b>
Distance (ft):	<b>200.8</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>10</b>
Clock To:	
1st Value:	<b>6.000</b>
2nd Value:	<b>1.000</b>
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	



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

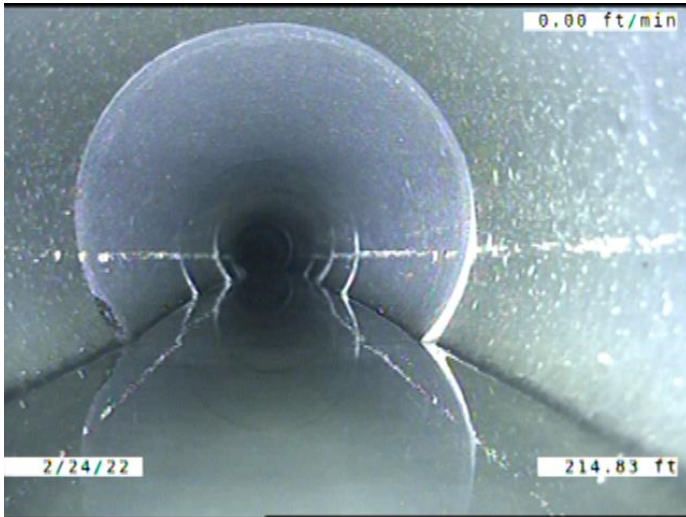
Distance (ft): **213.5**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

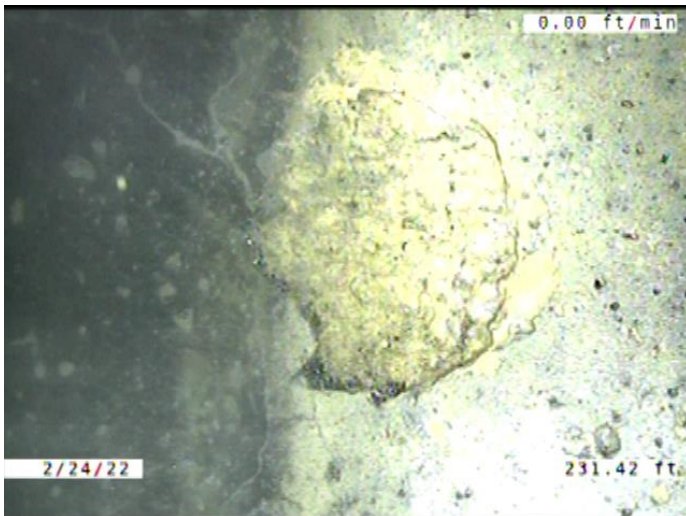
Distance (ft): **214.8**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **4**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





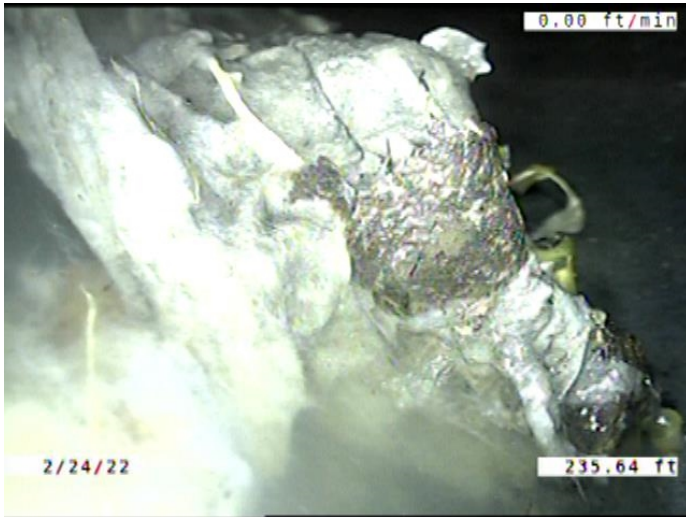
Code: **LL**  
Description: **Line Left**

Distance (ft): **214.8**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **F09**  
Within 8" of Joint: **NO**  
Remarks:



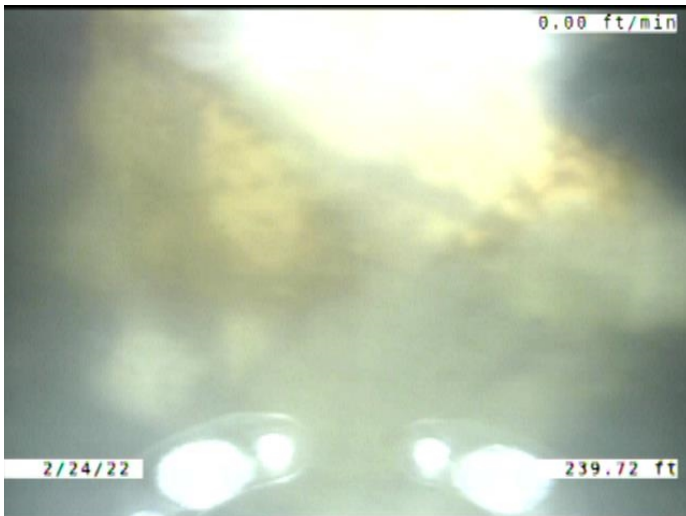
Code: **SSS**  
Description: **Surface Damage Surface Spalling**

Distance (ft): **231.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **5**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



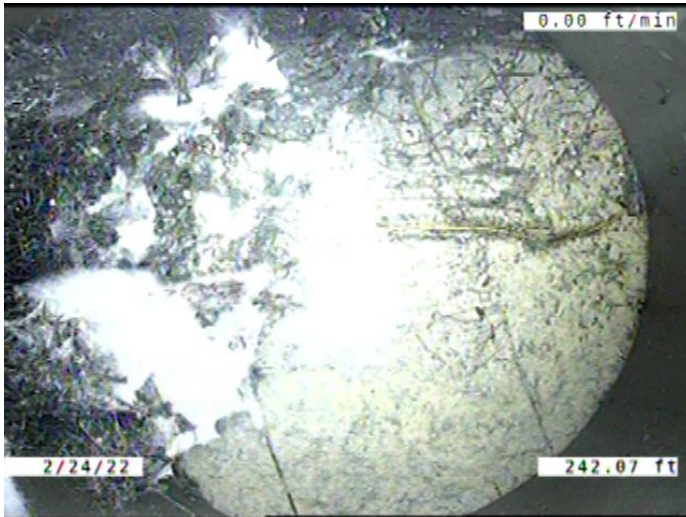
Code: **OBZ**  
 Description: **Obstruction Other**

Distance (ft): **235.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **4**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **ROOTS THAT HAVE BEEN CUT**

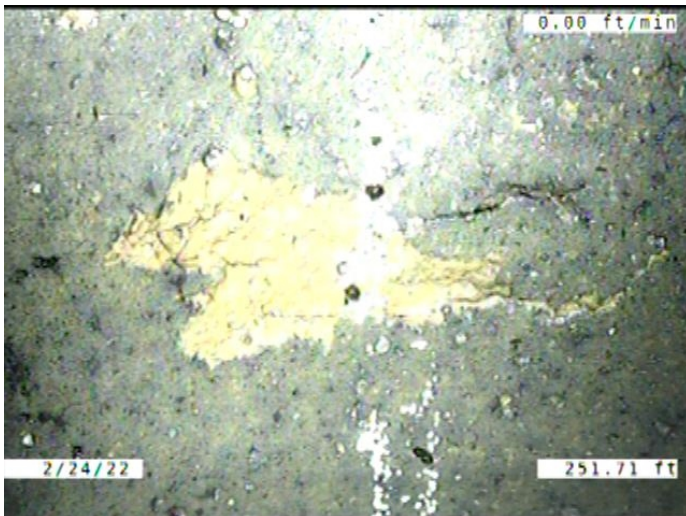


Code: **OBM**  
 Description: **Obstruction Pipe Material in Invert**

Distance (ft): **239.7**  
 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:



Code:	<b>TFC</b>
Description:	<b>Tap Factory Capped</b>
Distance (ft):	<b>242.1</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>10</b>
Clock To:	
1st Value:	<b>6.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>ROOTS GROWING AROUND THE CAP</b>



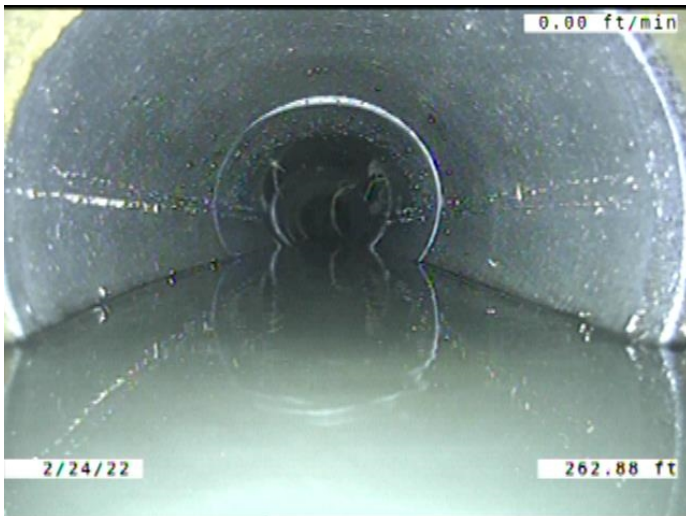
Code:	<b>SSS</b>
Description:	<b>Surface Damage Surface Spalling</b>
Distance (ft):	<b>251.7</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>9</b>
Clock To:	<b>10</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	





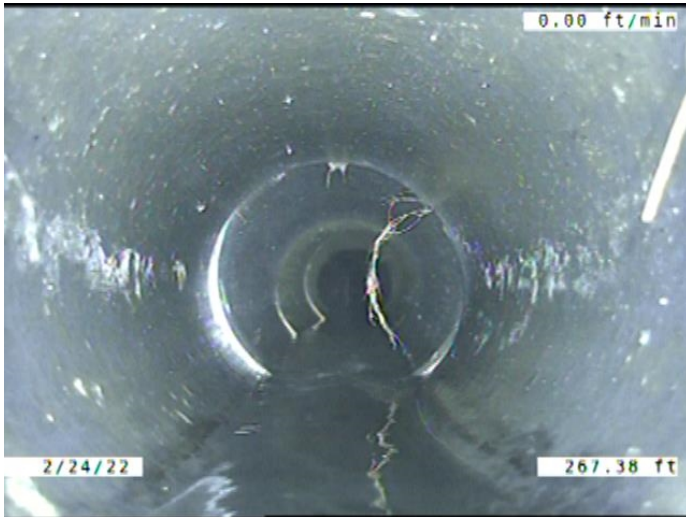
Code: **BVV**  
 Description: **Broken Void Visible**

Distance (ft): **257.6**  
 Structural Grade: **5**  
 O&M Grade: **0**  
 Clock Start/From: **7**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

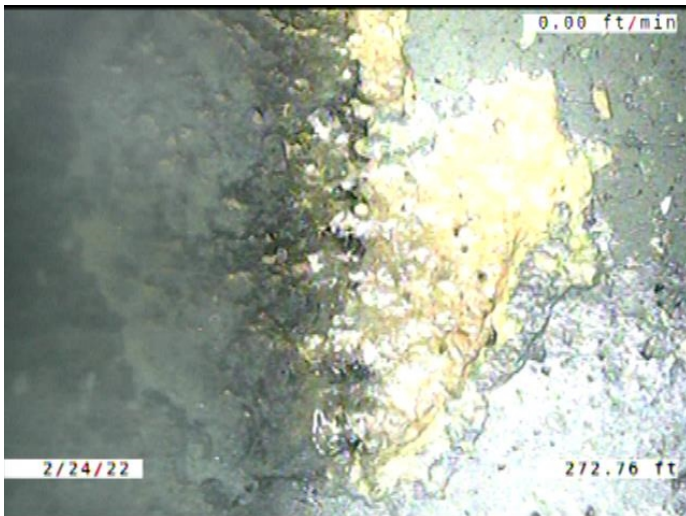
Distance (ft): **262.9**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **S12**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **267.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **F12**  
Within 8" of Joint: **NO**  
Remarks:

---



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

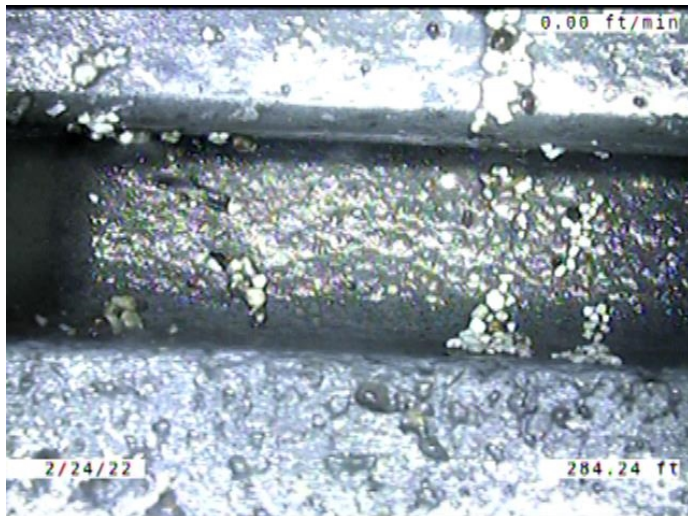
Distance (ft): **272.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **4**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---



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

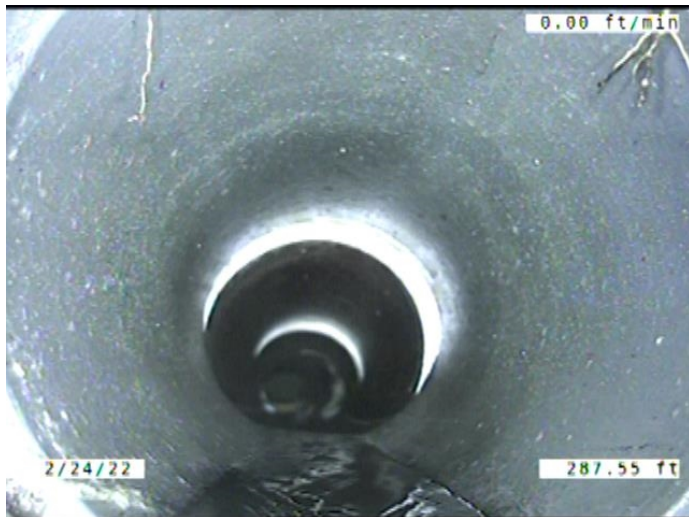
Distance (ft): **279.5**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **S13**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **284.2**  
 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:

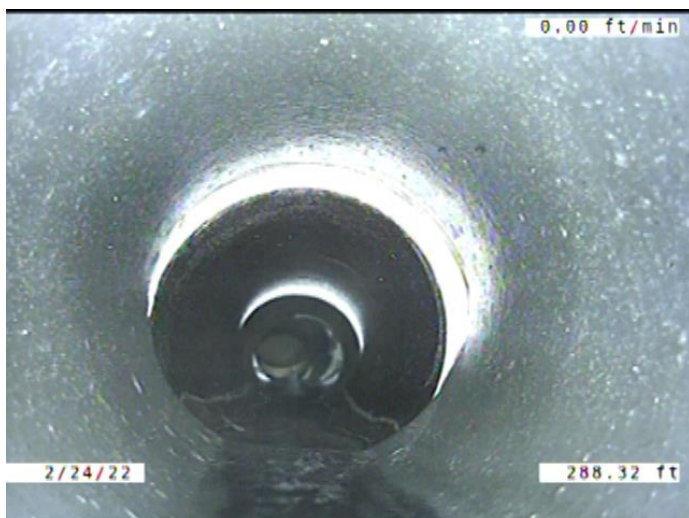




Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **287.5**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **F13**  
 Within 8" of Joint: **NO**  
 Remarks:

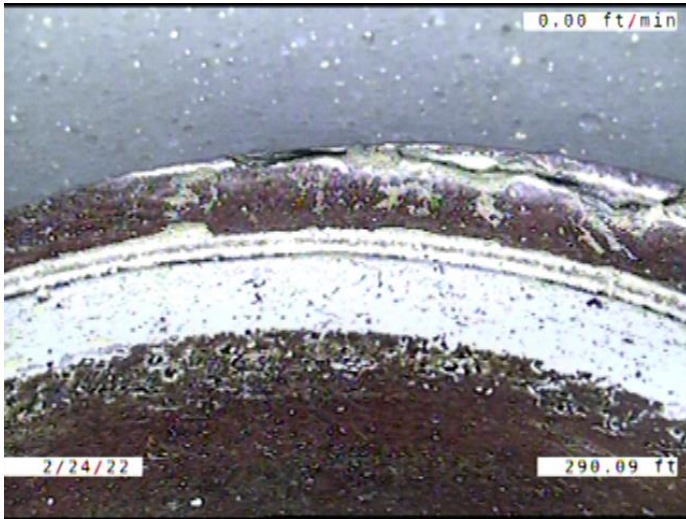
---



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

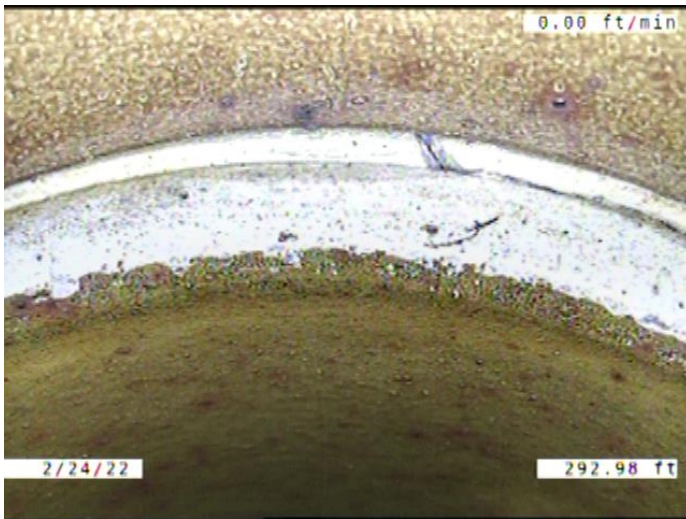
Distance (ft): **288.3**  
 Structural Grade: **0**  
 O&M Grade: **4**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **25.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:

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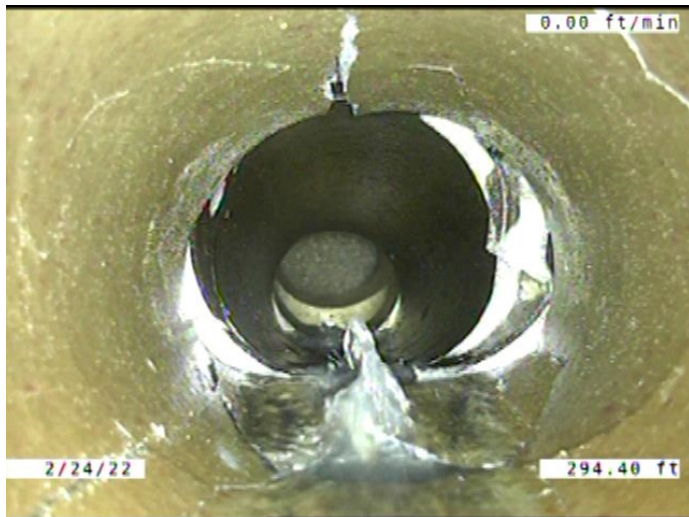
Code: **JOMD**  
 Description: **Joint Offset Medium Defective**

Distance (ft): **290.1**  
 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: **Roots**



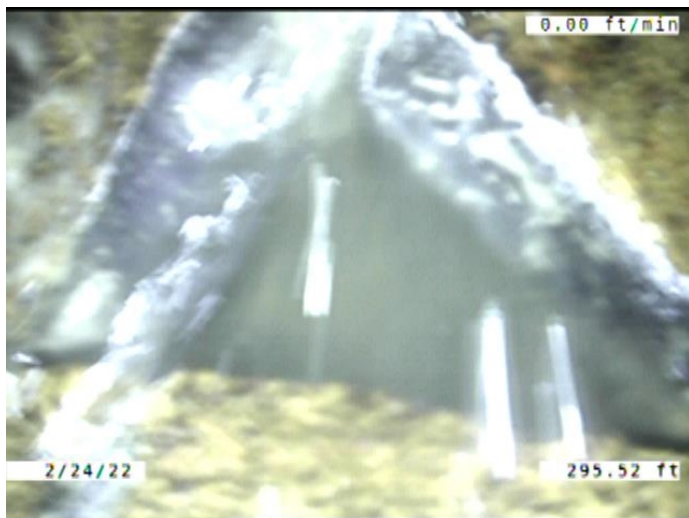
Code: **JOM**  
 Description: **Joint Offset Medium**

Distance (ft): **293.0**  
 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: **DR**  
 Description: **Deformed Rigid**

Distance (ft): **294.4**  
 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: **H**  
 Description: **Hole**

Distance (ft): **295.5**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **6**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:





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

Distance (ft): **296.4**  
 Structural Grade: **5**  
 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:

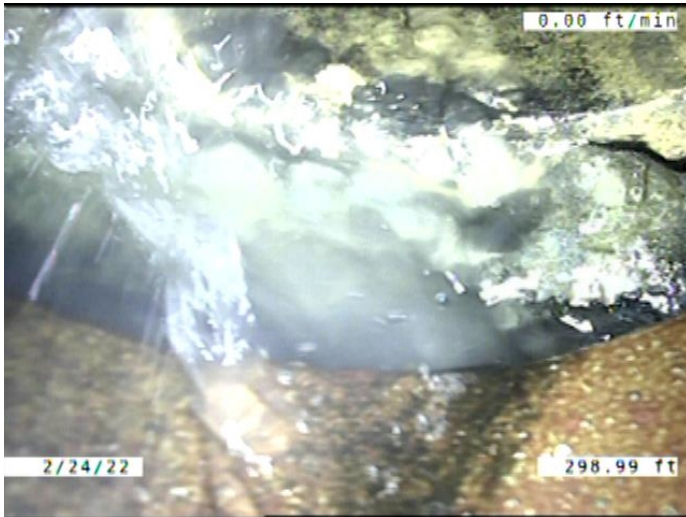
---



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

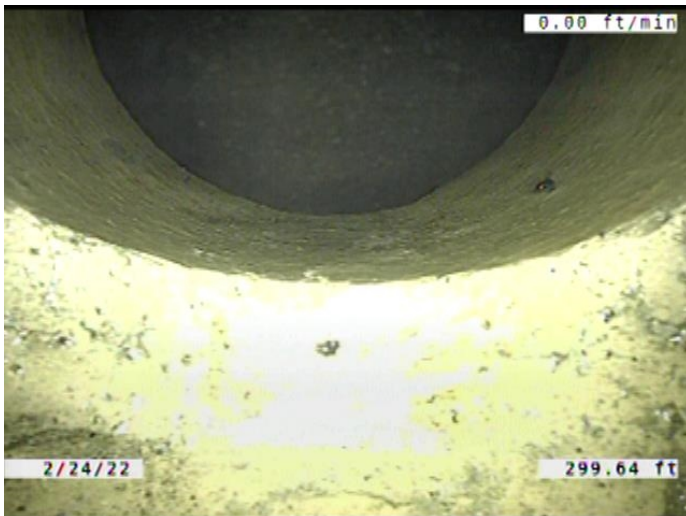
Distance (ft): **299.0**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F15**  
 Within 8" of Joint: **YES**  
 Remarks: **Wandering 8 - 2**

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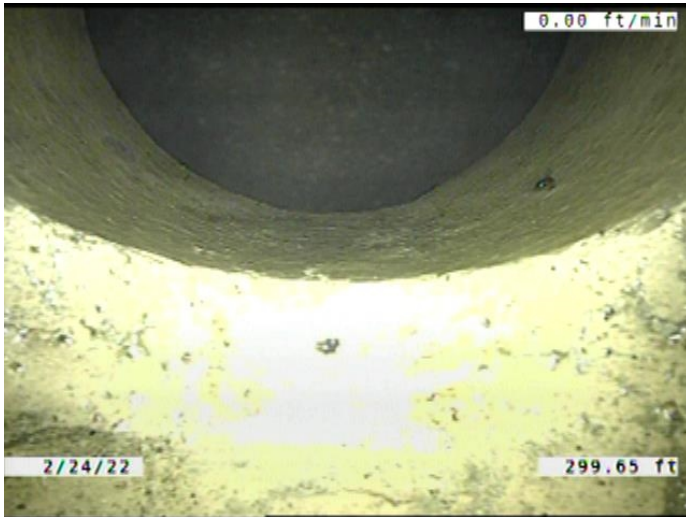
Code: **JOMD**  
 Description: **Joint Offset Medium Defective**

Distance (ft): **299.0**  
 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:



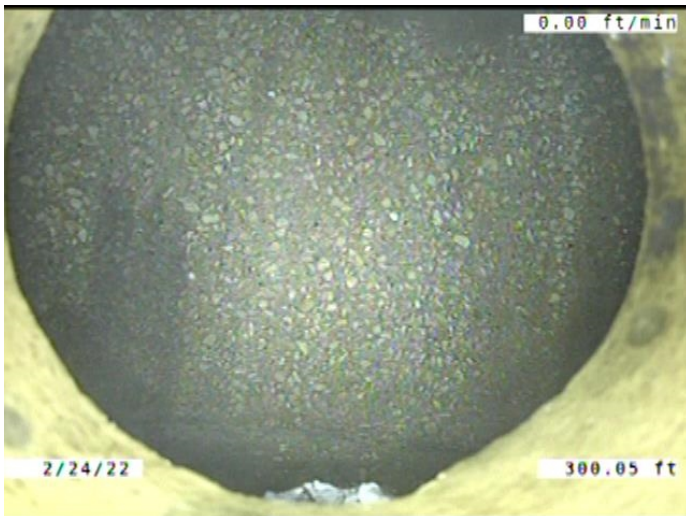
Code: **DSF**  
 Description: **Deposits Settled Fine**

Distance (ft): **299.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F03**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **299.6**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F02**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **300.0**  
 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-706-008**