

# Profile/Photo Observation Report



Date:	10/18/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	288.5	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-804-023-024
Customer:	City of Hobart	Clean Date:	10/15/2021	Shape:	C

Street:	North Kelly Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Local rural streets with light traffic, t	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	12"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Upstream
US MH:	M-804-024	DS MH:	M-804-023
		Total Length Surveyed (ft):	288.5

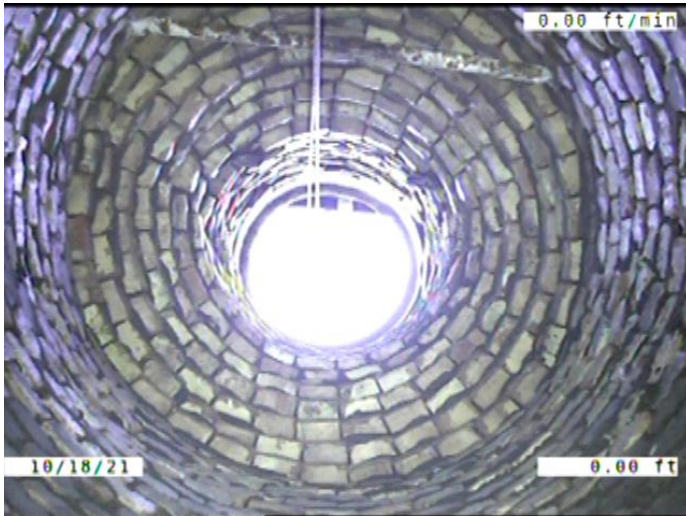
O&M Index:	1.95	O&M Quick:	342L	O&M Rating:	154.00
Structural Index:	2.89	Structural Quick:	5446	Structural Rating:	130.00
Overall Index:	2.29	Overall Quick:	5446	Overall Rating:	284.00

Position	Code	Observation	Video (sec)	Grade
				
.0	AMH	Manhole	1	NA
.0	MWL	Miscellaneous Water Level	59	NA
6.0	SZ	Surface Damage Other	101	NA
6.1	MWLS	Miscellaneous Water Level Sag	117	S 2
7.1	TFC	Tap Factory Capped	155	NA
7.9	JOMD(S01)	Joint Offset Medium Defective	175	S 3
9.3	TFC	Tap Factory Capped	194	NA
9.8	CL	Crack Longitudinal	211	S 2
9.8	DAE	Deposits Attached Encrustation	220	M 2
15.4	DSGV(S02)	Deposits Settled Gravel	250	M 2
28.1	JAL	Joint Angular Large	300	S 4
28.1	DAE	Deposits Attached Encrustation	333	M 2
28.1	SZ	Surface Damage Other	351	NA
32.5	MWLS	Miscellaneous Water Level Sag	388	S 2
45.4	SSS	Surface Damage Surface Spalling	462	S 2
45.9	TBI	Tap Break-in Intruding	479	M 2
52.7	JOMD(F01)	Joint Offset Medium Defective	520	S 3
52.7	MWLS(S03)	Miscellaneous Water Level Sag	529	S 2
55.6	JAM	Joint Angular Medium	583	S 3

55.6	HSV	Hole Soil Visible	600	S 5
61.7	SSS	Surface Damage Surface Spalling	676	S 2
62.7	SSS	Surface Damage Surface Spalling	718	S 2
63.0	TBD	Tap Break-in/Hammer Defective	734	M 3
64.5	JOM	Joint Offset Medium	765	S 3
82.9	MWLS(F03)	Miscellaneous Water Level Sag	842	S 2
92.3	MWLS	Miscellaneous Water Level Sag	886	S 2
93.6	TFC	Tap Factory Capped	905	NA
97.9	SZ	Surface Damage Other	942	NA
103.7	DSGV(F02)	Deposits Settled Gravel	979	M 2
103.7	DSF(S04)	Deposits Settled Fine	987	M 2
108.1	TFC	Tap Factory Capped	1017	NA
112.3	OBZ	Obstruction Other	1072	M 2
115.3	OBZ	Obstruction Other	1107	M 2
119.5	SSS	Surface Damage Surface Spalling	1158	S 2
119.9	TBI	Tap Break-in Intruding	1179	M 2
126.7	TF	Tap Factory	1233	NA
141.0	CL	Crack Longitudinal	1307	S 2
141.0	DAE	Deposits Attached Encrustation	1324	M 2
147.5	DAE	Deposits Attached Encrustation	1375	M 2
153.1	TFC	Tap Factory Capped	1422	NA
154.4	SMW	Surface Damage Missing Wall	1453	S 5
171.3	SSS	Surface Damage Surface Spalling	1527	S 2
171.8	FM	Fracture Multiple	1571	S 4
172.3	TBD	Tap Break-in/Hammer Defective	1591	M 3
173.2	SZ	Surface Damage Other	1640	NA
174.8	TFD	Tap Factory Defective	1671	M 3
182.4	SZ	Surface Damage Other	1721	NA
187.1	CM	Crack Multiple	1810	S 3
192.9	SMW	Surface Damage Missing Wall	1861	S 5
199.4	JOM	Joint Offset Medium	1903	S 3
201.7	TFC	Tap Factory Capped	1927	NA
209.4	SZ	Surface Damage Other	1972	NA
209.4	FL	Fracture Longitudinal	1991	S 3
213.6	SZ	Surface Damage Other	2024	NA
213.6	CM	Crack Multiple	2041	S 3
213.6	MWLS(S05)	Miscellaneous Water Level Sag	2056	S 2
221.5	TFC	Tap Factory Capped	2090	NA
225.3	MWLS(F05)	Miscellaneous Water Level Sag	2120	S 2
232.2	SZ	Surface Damage Other	2160	NA
234.0	FM	Fracture Multiple	2217	S 4
236.4	SZ	Surface Damage Other	2266	NA

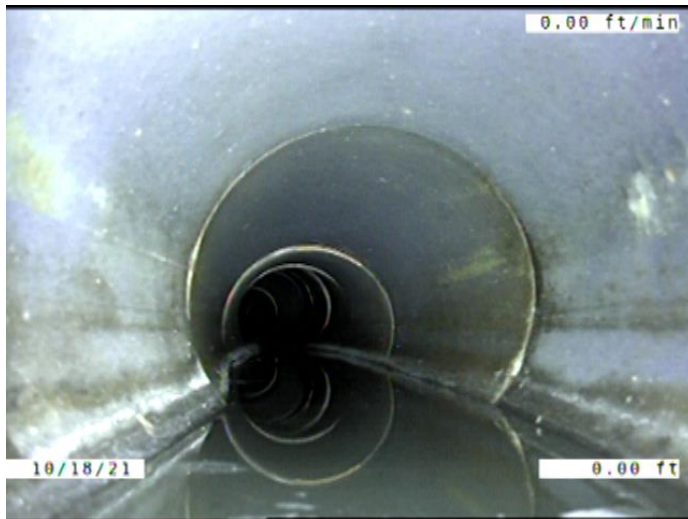
237.4	SSS	Surface Damage Surface Spalling	2319	S 2
237.4	RFB	Roots Fine Barrel	2330	M 2
238.0	TFI	Tap Factory Intruding	2348	M 2
249.5	JOMD	Joint Offset Medium Defective	2416	S 3
250.8	TFC	Tap Factory Capped	2439	NA
252.1	RFJ	Roots Fine Joint	2466	M 1
252.9	TFC	Tap Factory Capped	2492	NA
256.9	RMJ	Roots Medium Joint	2530	M 3
260.2	RFJ	Roots Fine Joint	2559	M 1
266.5	RFJ	Roots Fine Joint	2616	M 1
266.5	JAL	Joint Angular Large	2645	S 4
266.5	FM	Fracture Multiple	2670	S 4
269.4	RFJ	Roots Fine Joint	2699	M 1
272.7	RTJ	Roots Tap Joint	2756	M 2
276.0	RFJ	Roots Fine Joint	2816	M 1
278.0	FM	Fracture Multiple	2849	S 4
280.2	RFJ	Roots Fine Joint	2930	M 1
280.2	DAE	Deposits Attached Encrustation	2965	M 2
280.3	VZ	Vermin Other	2948	M 1
280.3	BSV	Broken Soil Visible	3012	S 5
286.3	RFJ	Roots Fine Joint	3061	M 1
287.2	DSF(F04)	Deposits Settled Fine	3087	M 2
288.5	AMH	Manhole	3228	NA

**M-804-024**



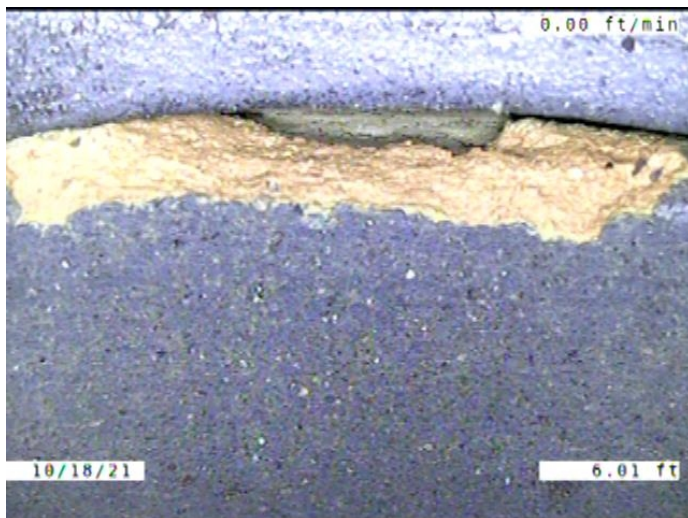
Code: **AMH**  
Description: **Manhole**

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-804-023**



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

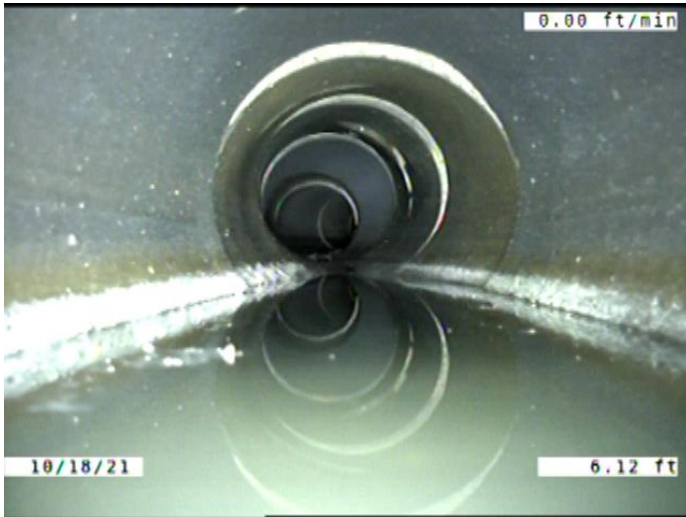
Distance (ft): **.0**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **6.0**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **A PIECE CHIPPED AWAY FRO THE JOINT**

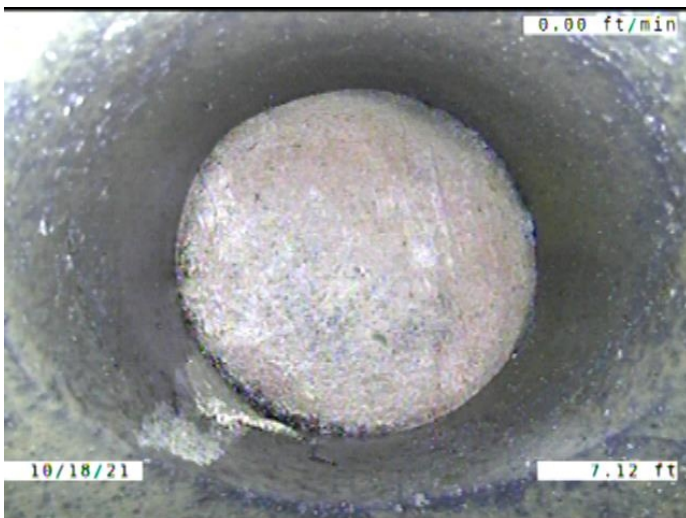




Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **6.1**  
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:

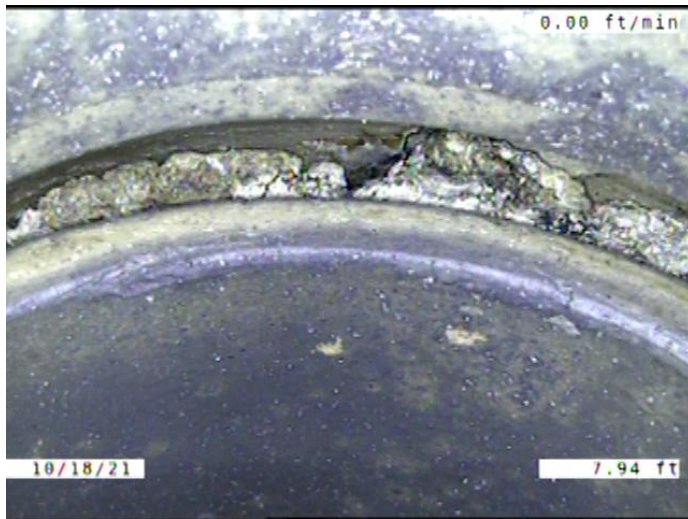
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Code: **TFC**  
Description: **Tap Factory Capped**

Distance (ft): **7.1**  
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:

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

Distance (ft): **7.9**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S01**  
Within 8" of Joint: **NO**  
Remarks:

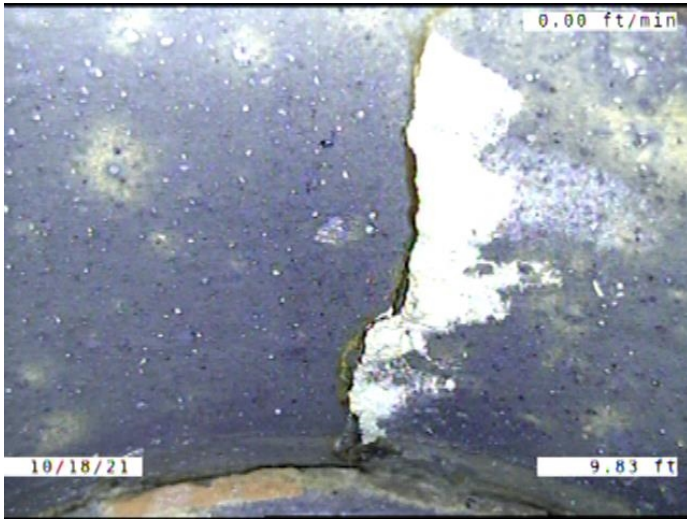
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Code: **TFC**  
Description: **Tap Factory Capped**

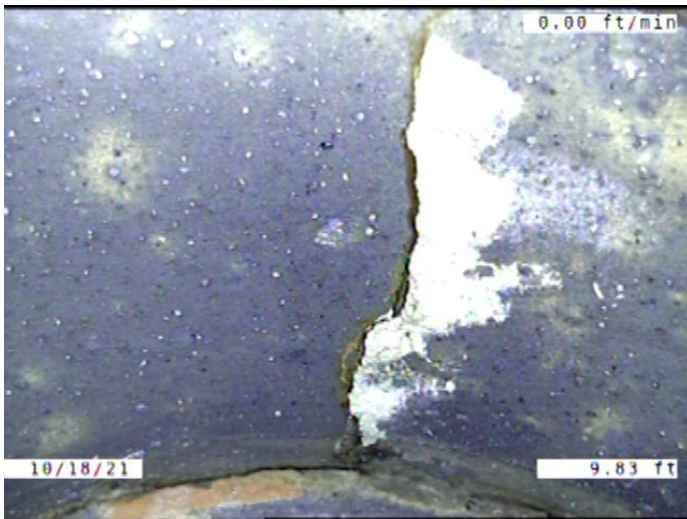
Distance (ft): **9.3**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **ENCRUSTATION AROUND THE CAP**

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Code: **CL**  
Description: **Crack Longitudinal**

Distance (ft): **9.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:



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

Distance (ft): **9.8**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

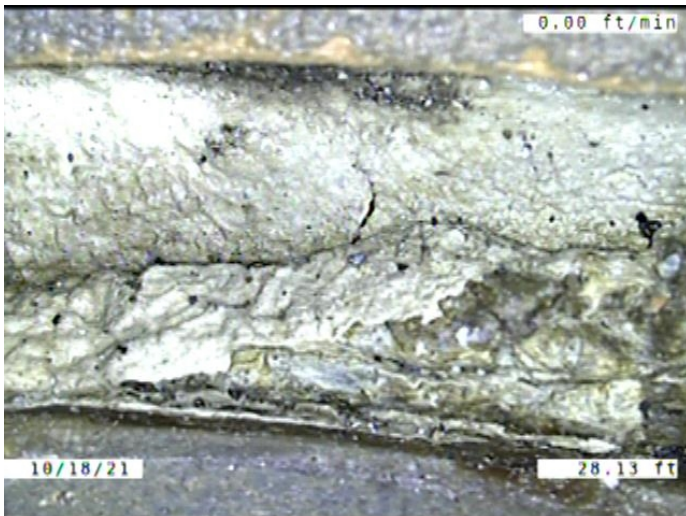




Code: **DSGV**  
Description: **Deposits Settled Gravel**

Distance (ft): **15.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks:

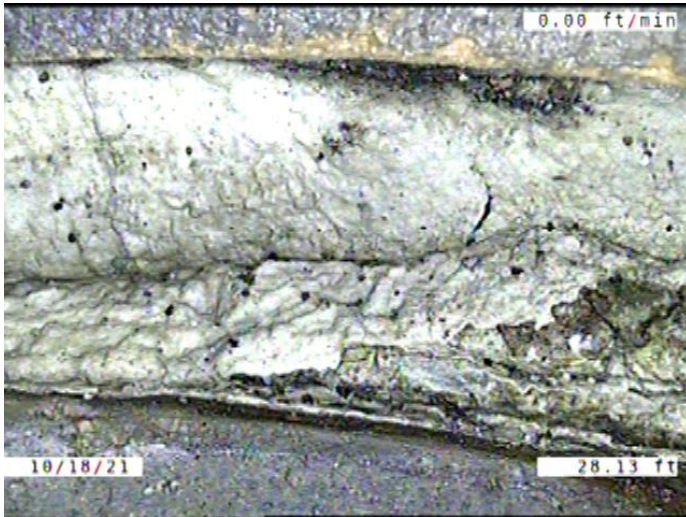
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Code: **JAL**  
Description: **Joint Angular Large**

Distance (ft): **28.1**  
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:

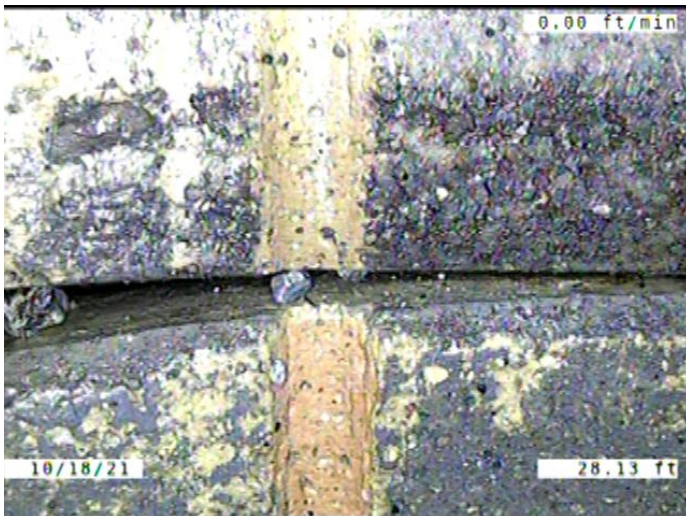
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Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **28.1**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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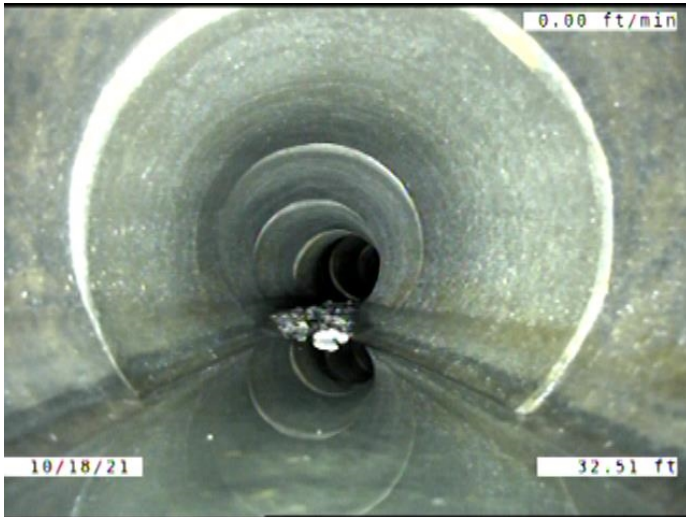


Code: **SZ**  
Description: **Surface Damage Other**

Distance (ft): **28.1**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **GROOVE IN THE WALL OF THE PIPE**

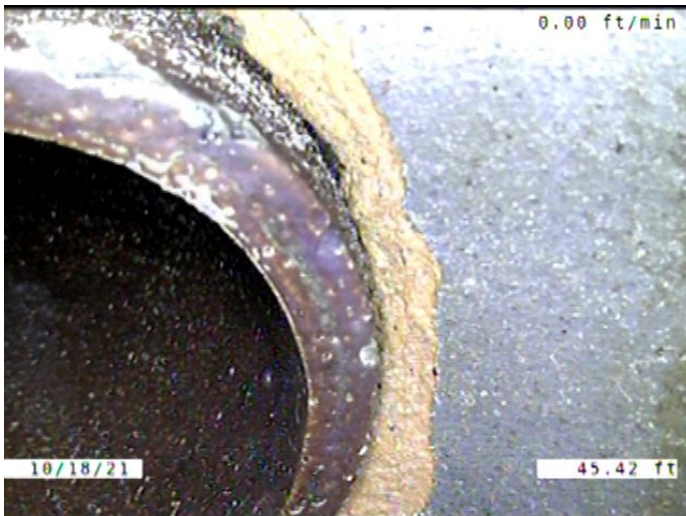
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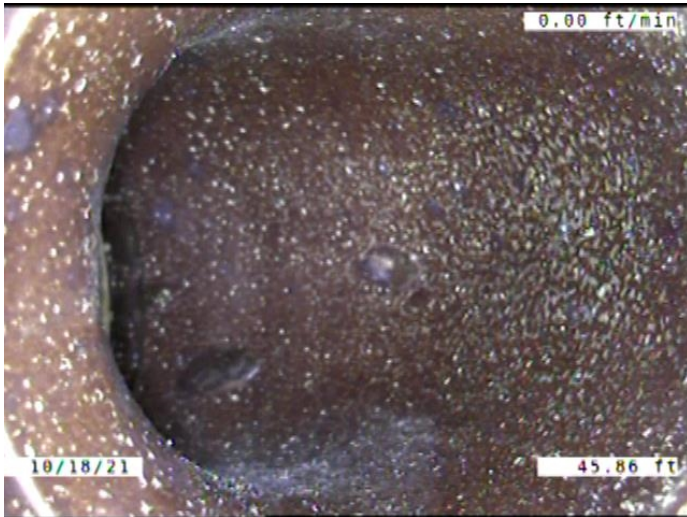
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **32.5**  
 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: **SSS**  
 Description: **Surface Damage Surface Spalling**

Distance (ft): **45.4**  
 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: **NO**  
 Remarks:



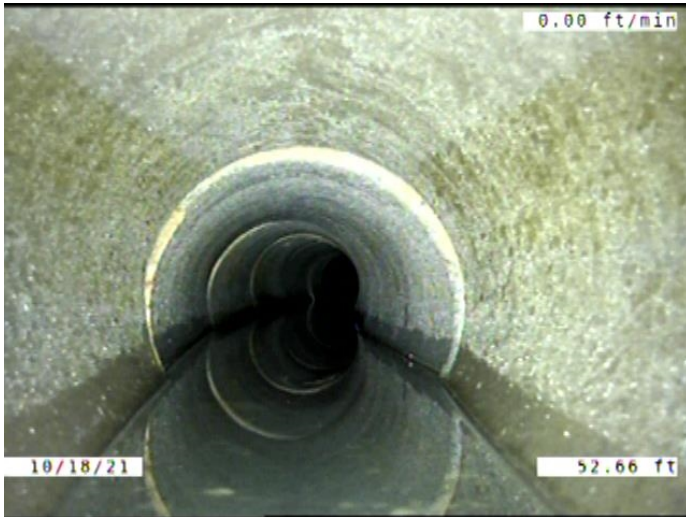
Code: **TBI**  
 Description: **Tap Break-in Intruding**

Distance (ft): **45.9**  
 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: **JOMD**  
 Description: **Joint Offset Medium Defective**

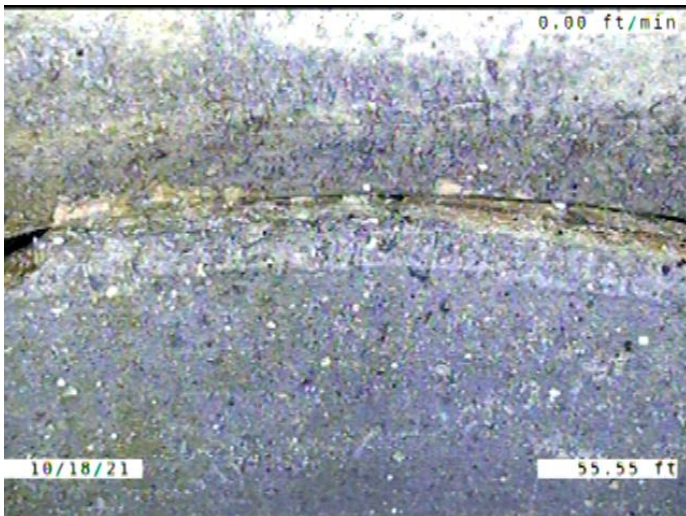
Distance (ft): **52.7**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F01**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **52.7**  
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:

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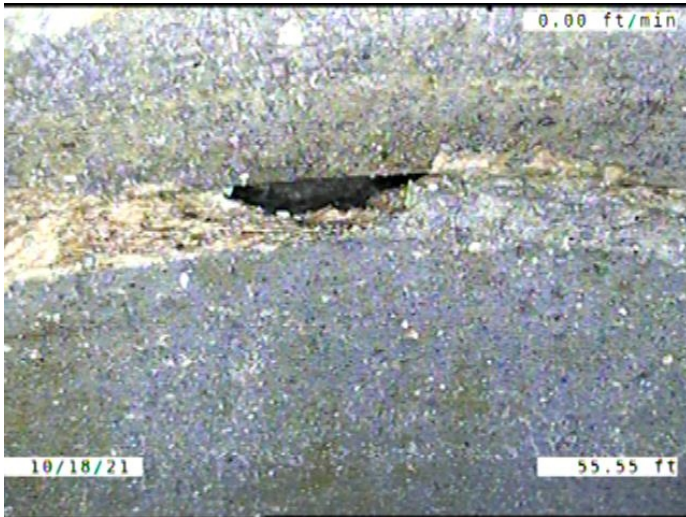


Code: **JAM**  
Description: **Joint Angular Medium**

Distance (ft): **55.6**  
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:

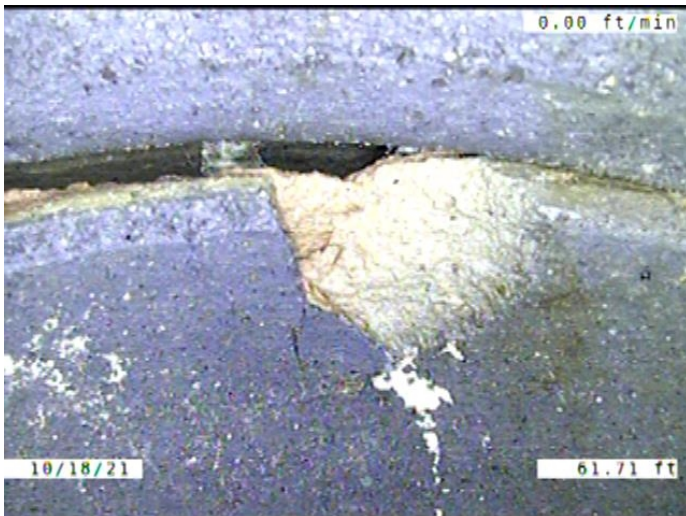
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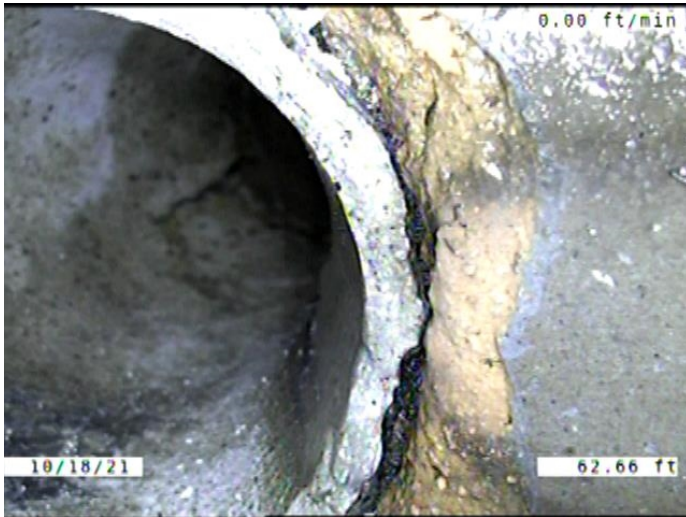
Code: **HSV**  
 Description: **Hole Soil Visible**

Distance (ft): **55.6**  
 Structural Grade: **5**  
 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:

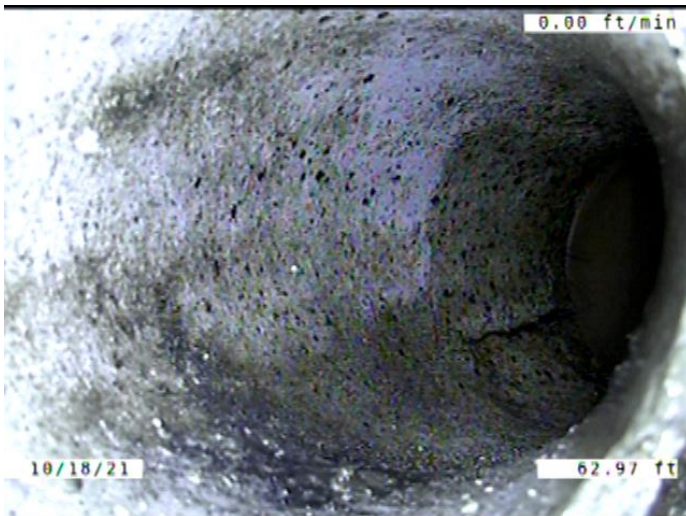


Code: **SSS**  
 Description: **Surface Damage Surface Spalling**

Distance (ft): **61.7**  
 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: **YES**  
 Remarks:

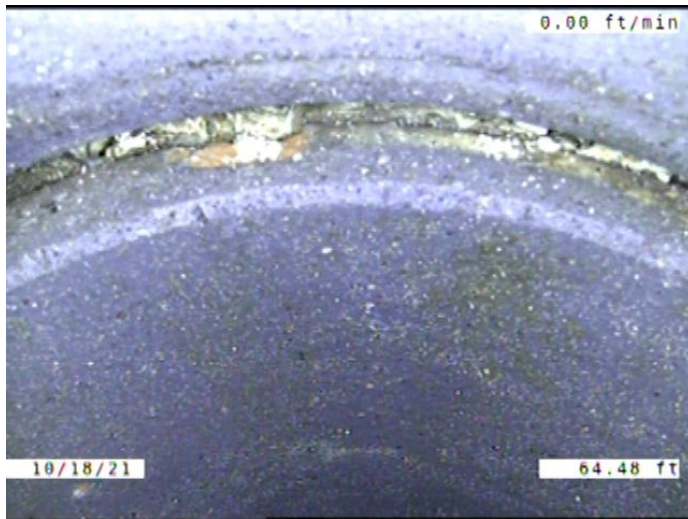


Code:	<b>SSS</b>
Description:	<b>Surface Damage Surface Spalling</b>
Distance (ft):	<b>62.7</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>11</b>
Clock To:	<b>1</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	



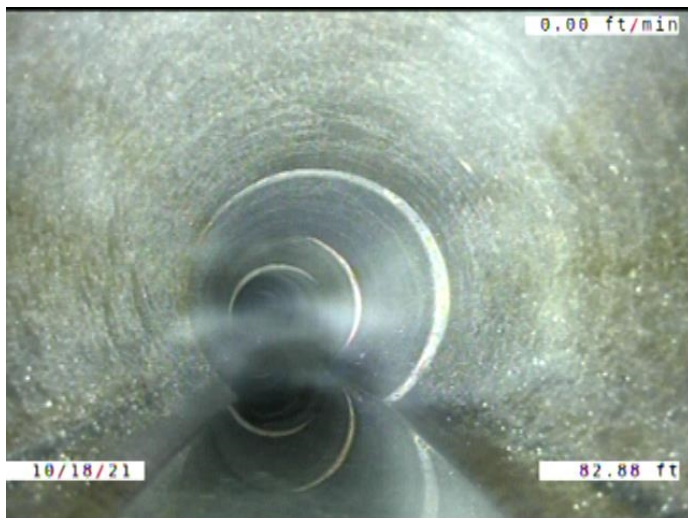
Code:	<b>TBD</b>
Description:	<b>Tap Break-in/Hammer Defective</b>
Distance (ft):	<b>63.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</b>
Clock Start/From:	<b>1</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>Defective</b>





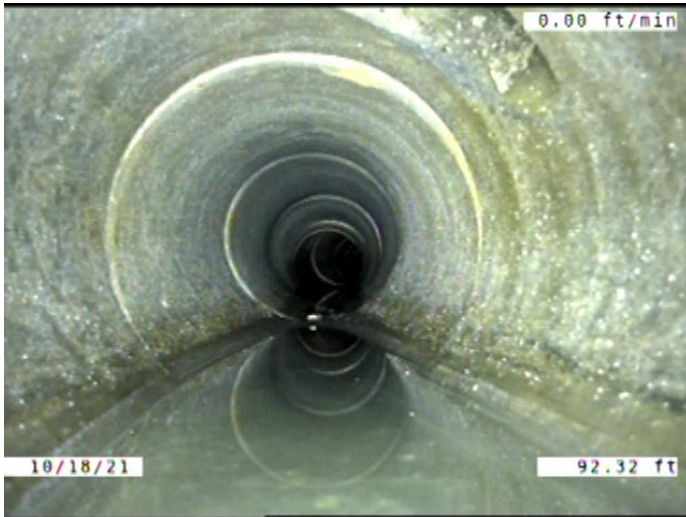
Code: **JOM**  
 Description: **Joint Offset Medium**

Distance (ft): **64.5**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **82.9**  
 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:



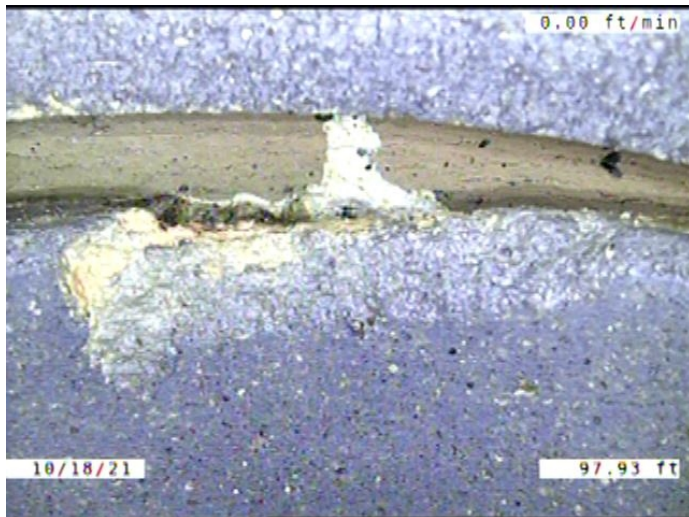
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **92.3**  
 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:

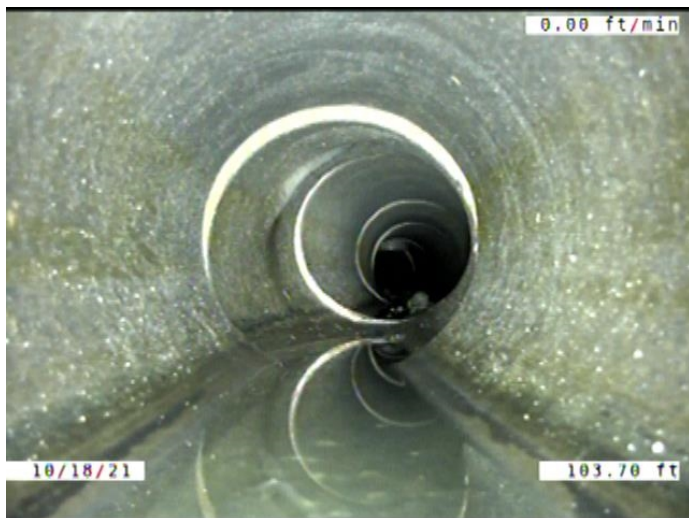


Code: **TFC**  
 Description: **Tap Factory Capped**

Distance (ft): **93.6**  
 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:

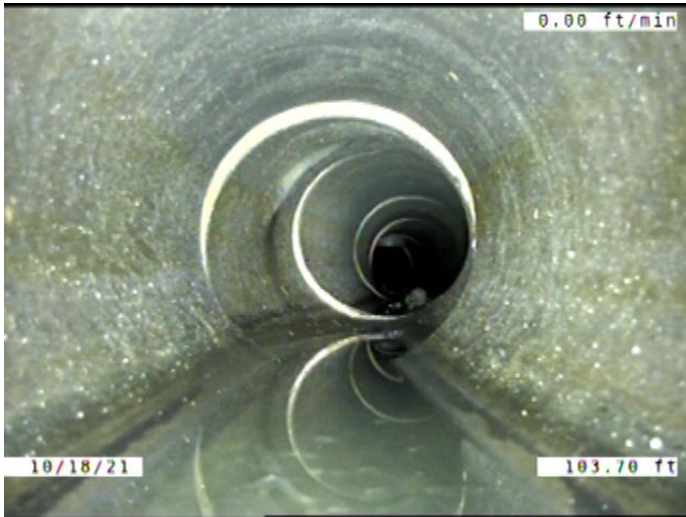


Code:	<b>SZ</b>
Description:	<b>Surface Damage Other</b>
Distance (ft):	<b>97.9</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>1</b>
Clock To:	<b>2</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>A PIECE CHIPPED AWAY FROM THE JOINT</b>



Code:	<b>DSGV</b>
Description:	<b>Deposits Settled Gravel</b>
Distance (ft):	<b>103.7</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>5</b>
Clock To:	<b>7</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	<b>F02</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	

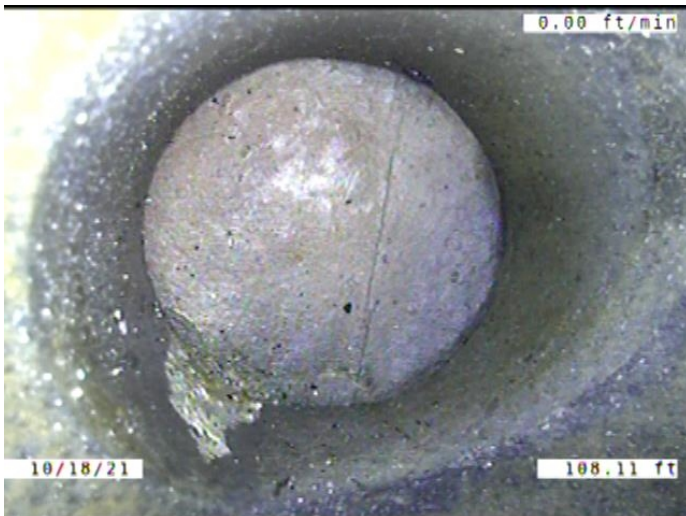




Code: **DSF**  
Description: **Deposits Settled Fine**

Distance (ft): **103.7**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S04**  
Within 8" of Joint: **YES**  
Remarks:

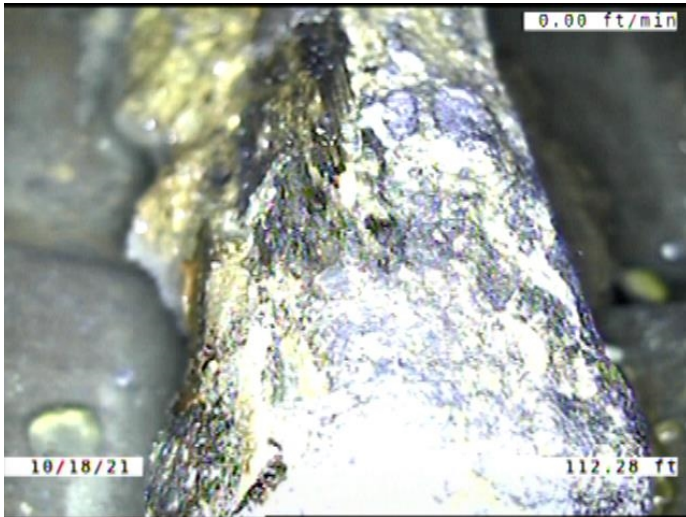
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Code: **TFC**  
Description: **Tap Factory Capped**

Distance (ft): **108.1**  
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: **ENCrustation AROUND THE CAP**

---



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

Distance (ft): **112.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **6**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **STICK**

---

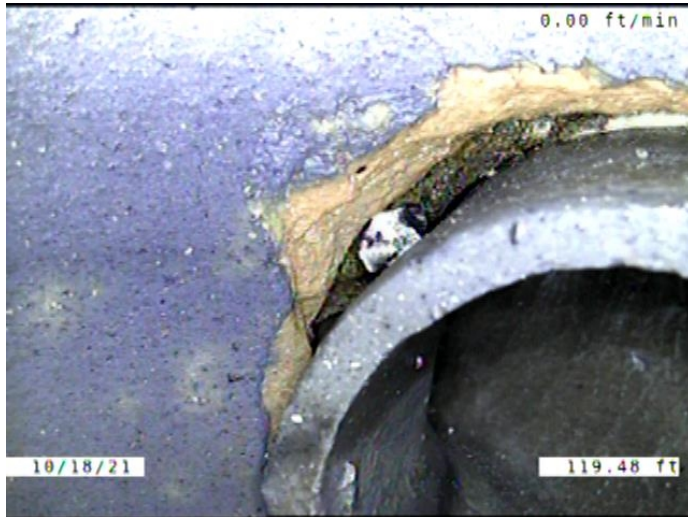


Code: **OBZ**  
Description: **Obstruction Other**

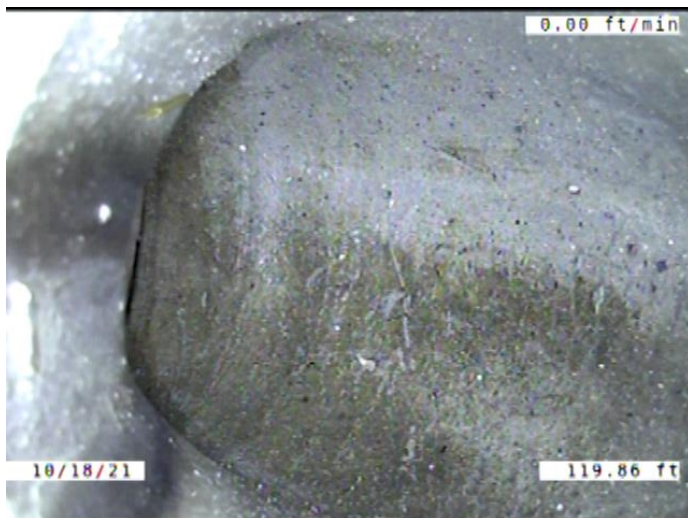
Distance (ft): **115.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **8**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **STICK**

---

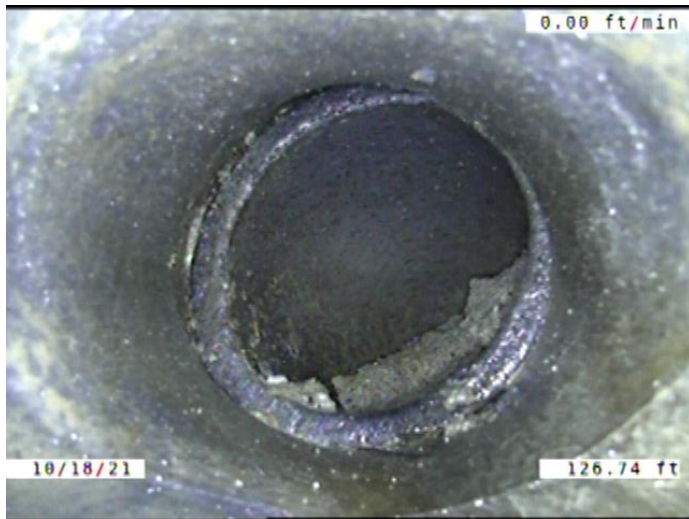




Code:	<b>SSS</b>
Description:	<b>Surface Damage Surface Spalling</b>
Distance (ft):	<b>119.5</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>11</b>
Clock To:	<b>1</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

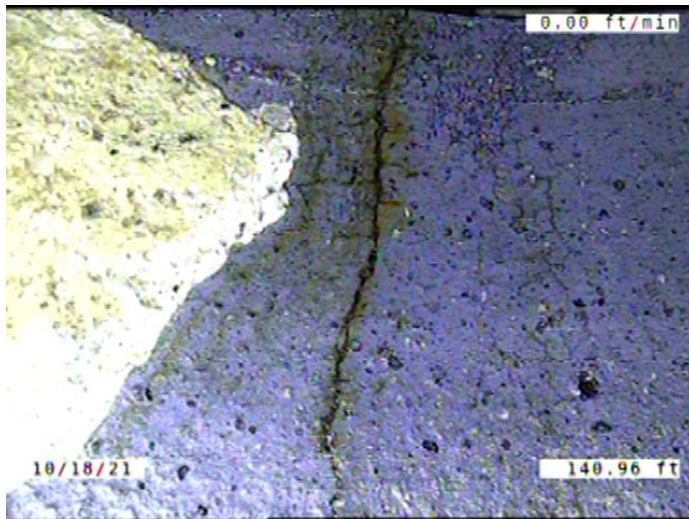


Code:	<b>TBI</b>
Description:	<b>Tap Break-in Intruding</b>
Distance (ft):	<b>119.9</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>12</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	<b>1.000</b>
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	



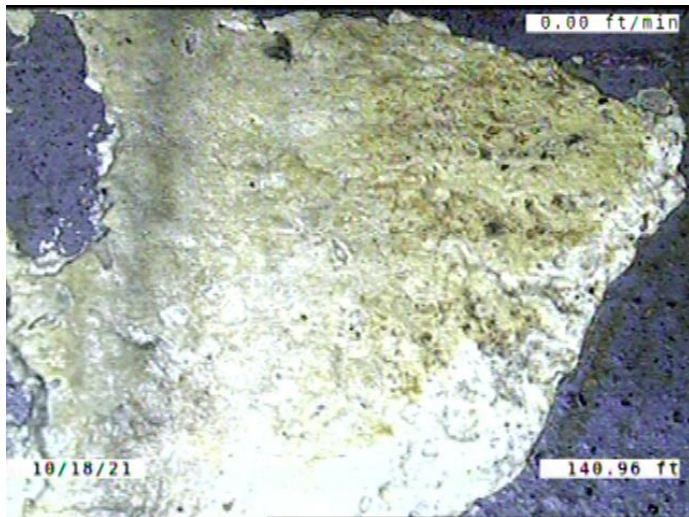
Code: **TF**  
 Description: **Tap Factory**

Distance (ft): **126.7**  
 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: **CL**  
 Description: **Crack Longitudinal**

Distance (ft): **141.0**  
 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: **DAE**  
 Description: **Deposits Attached Encrustation**

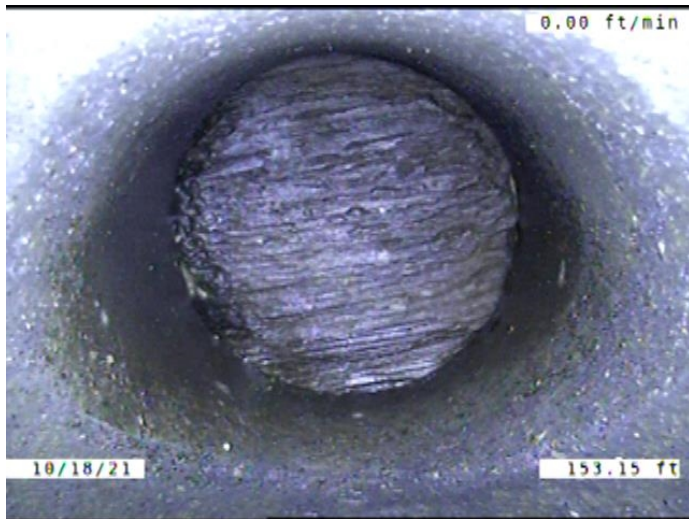
Distance (ft): **141.0**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **3**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

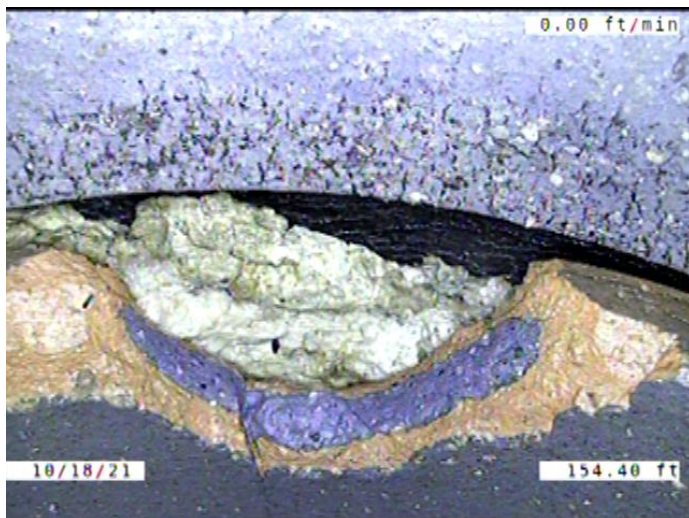
Distance (ft): **147.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **2**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





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

Distance (ft): **153.1**  
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:



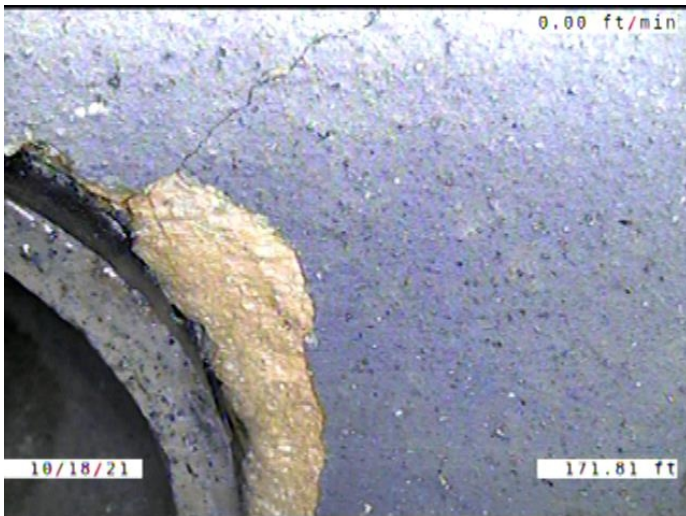
Code: **SMW**  
Description: **Surface Damage Missing Wall**

Distance (ft): **154.4**  
Structural Grade: **5**  
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: **INSIDE OF THE JOINT**



Code:	<b>SSS</b>
Description:	<b>Surface Damage Surface Spalling</b>
Distance (ft):	<b>171.3</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>2</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

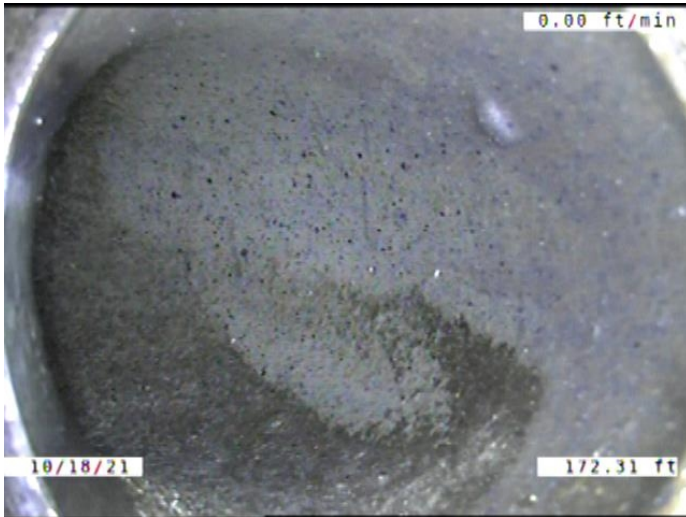
---



Code:	<b>FM</b>
Description:	<b>Fracture Multiple</b>
Distance (ft):	<b>171.8</b>
Structural Grade:	<b>4</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>11</b>
Clock To:	<b>2</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

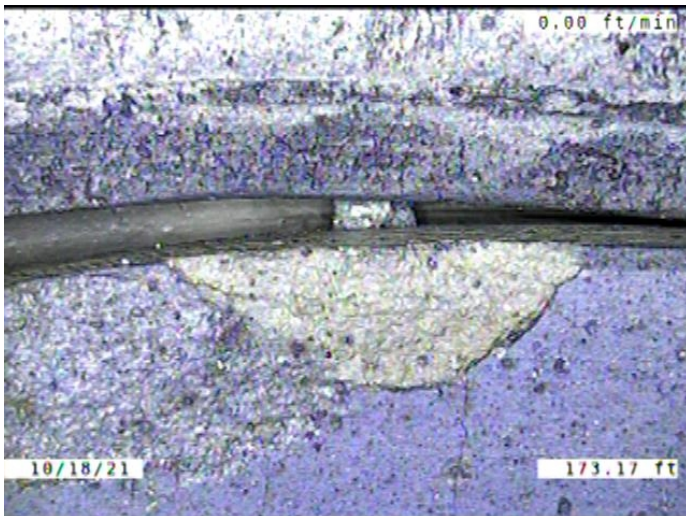
---





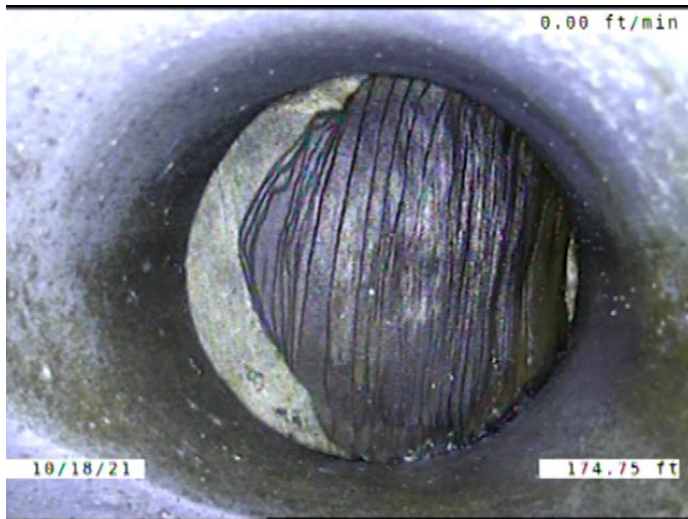
Code: **TBD**  
 Description: **Tap Break-in/Hammer Defective**

Distance (ft): **172.3**  
 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: **Defective**



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

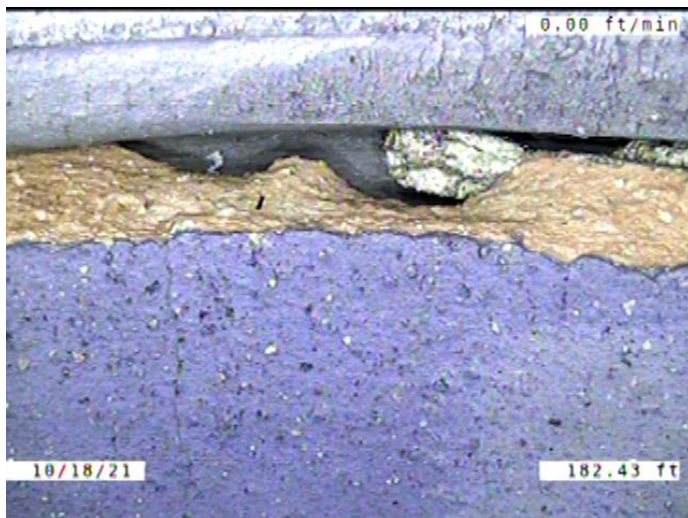
Distance (ft): **173.2**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **3**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **SEVERAL PIECES CHIPPED AWAY FROM THE JOINT**



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

Distance (ft): **174.8**  
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: **WOOD CAP ROTTING AWAY**

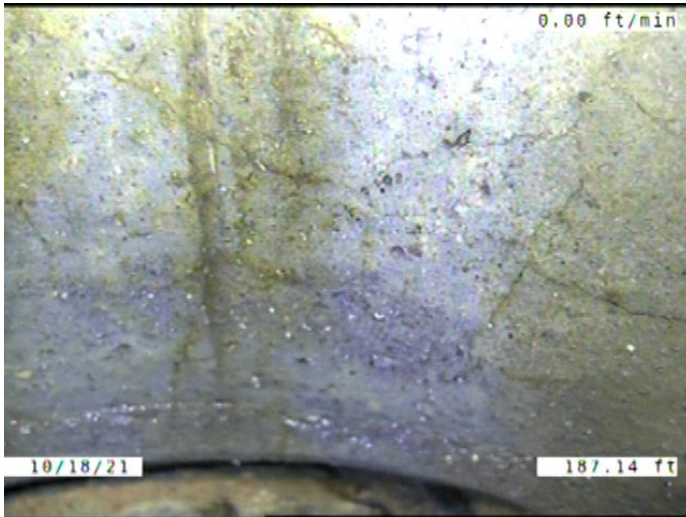
---



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

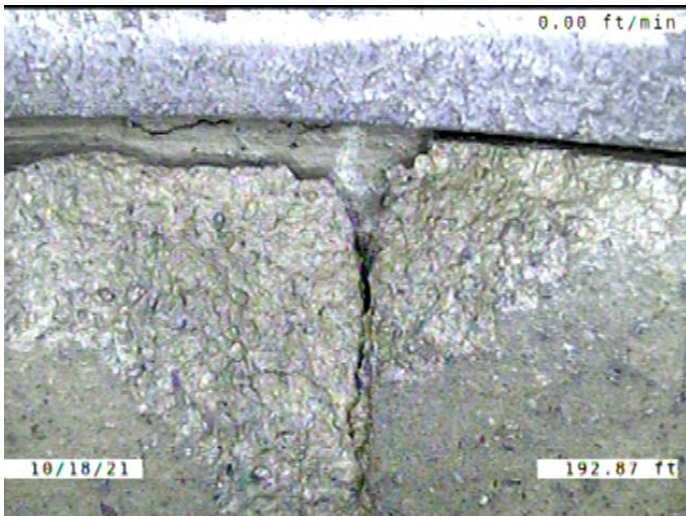
Distance (ft): **182.4**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **A PIECE CHIPPED AWAY FROM THE JOINT**

---



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

Distance (ft): **187.1**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **6**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **SMW**  
 Description: **Surface Damage Missing Wall**

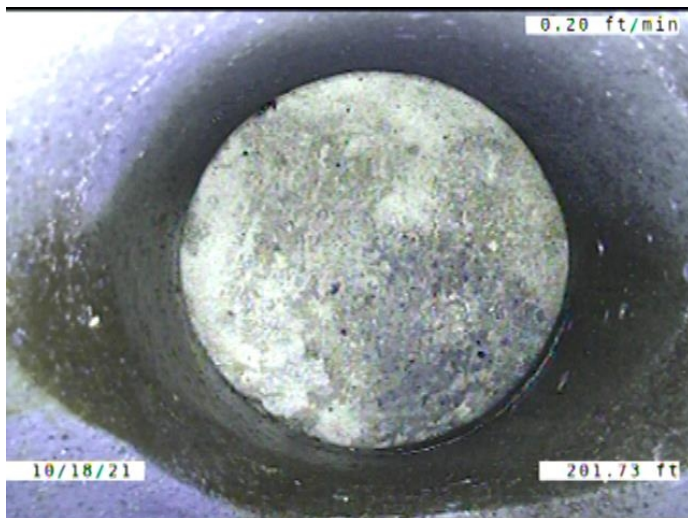
Distance (ft): **192.9**  
 Structural Grade: **5**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





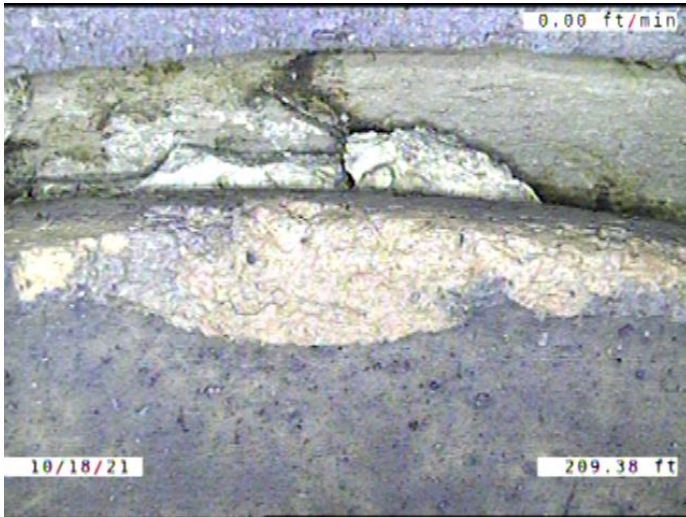
Code: **JOM**  
 Description: **Joint Offset Medium**

Distance (ft): **199.4**  
 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:

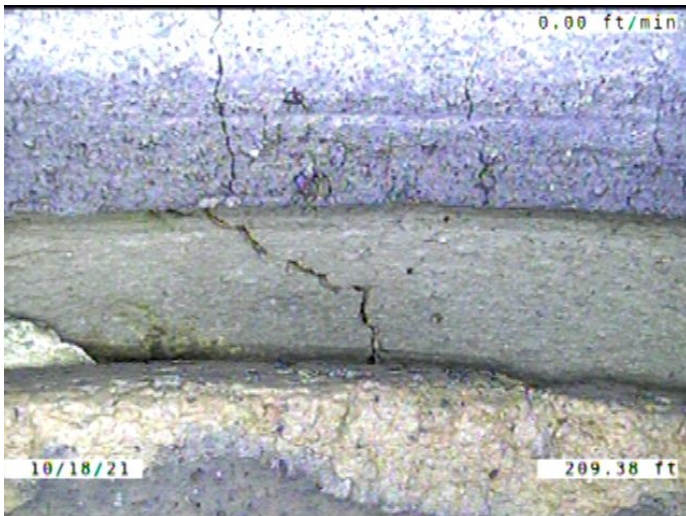


Code: **TFC**  
 Description: **Tap Factory Capped**

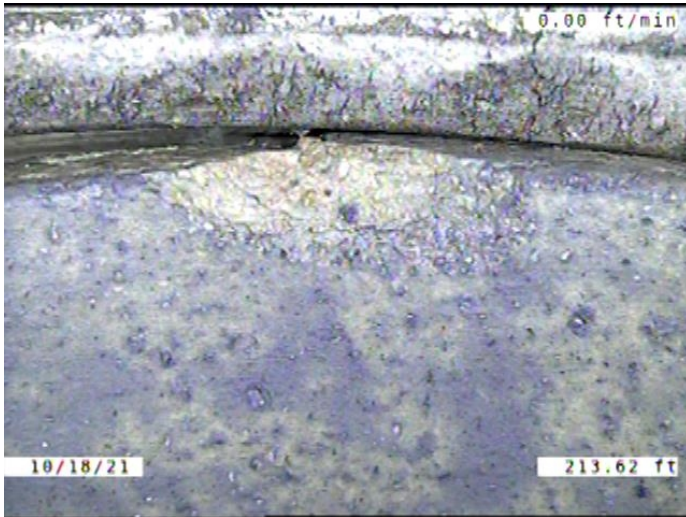
Distance (ft): **201.7**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



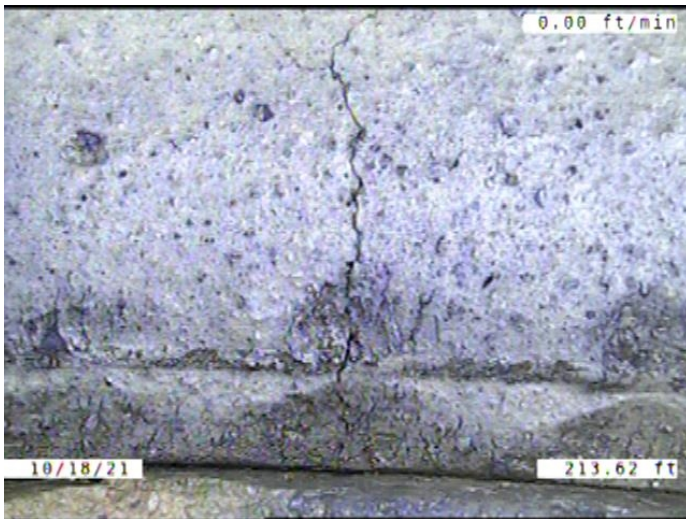
Code:	<b>SZ</b>
Description:	<b>Surface Damage Other</b>
Distance (ft):	<b>209.4</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>9</b>
Clock To:	<b>1</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>SEVERAL PIECES CHIPPED AWAY FROM THE JOINT</b>



Code:	<b>FL</b>
Description:	<b>Fracture Longitudinal</b>
Distance (ft):	<b>209.4</b>
Structural Grade:	<b>3</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>12</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

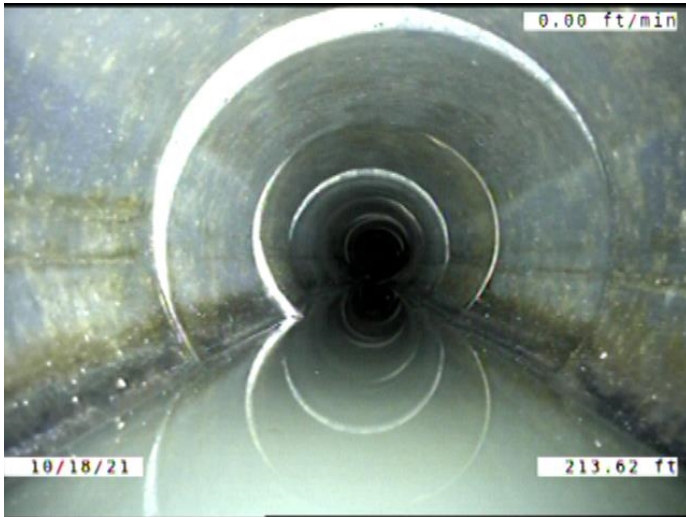


Code:	<b>SZ</b>
Description:	<b>Surface Damage Other</b>
Distance (ft):	<b>213.6</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>12</b>
Clock To:	<b>1</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>A PIECE CHIPPED AWAY FROM THE JOINT</b>



Code:	<b>CM</b>
Description:	<b>Crack Multiple</b>
Distance (ft):	<b>213.6</b>
Structural Grade:	<b>3</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>12</b>
Clock To:	<b>1</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

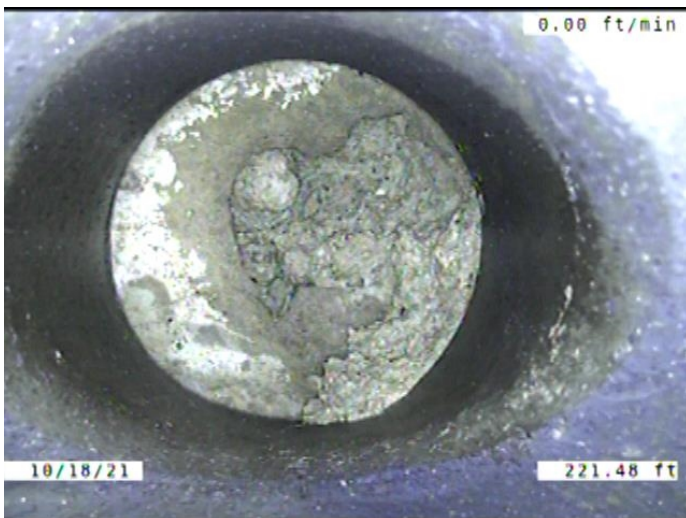




Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **213.6**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S05**  
Within 8" of Joint: **NO**  
Remarks:

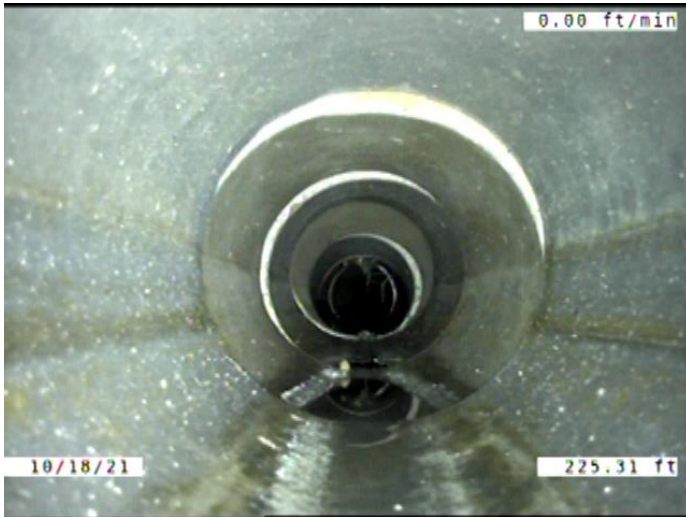
---



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

Distance (ft): **221.5**  
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:

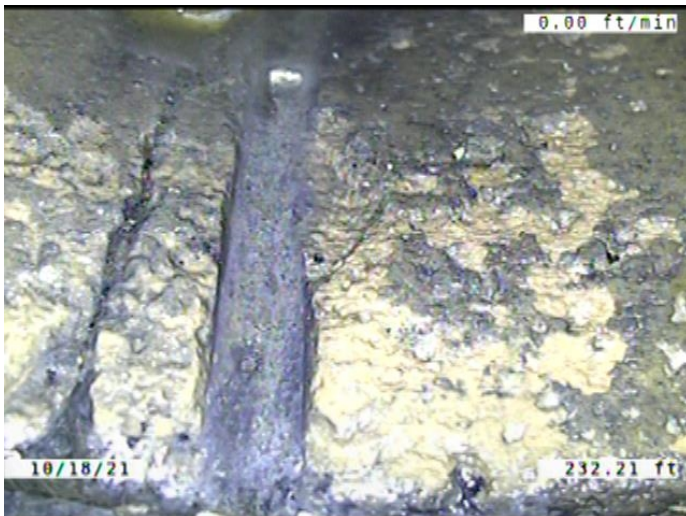
---



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

Distance (ft): **225.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F05**  
Within 8" of Joint: **NO**  
Remarks:

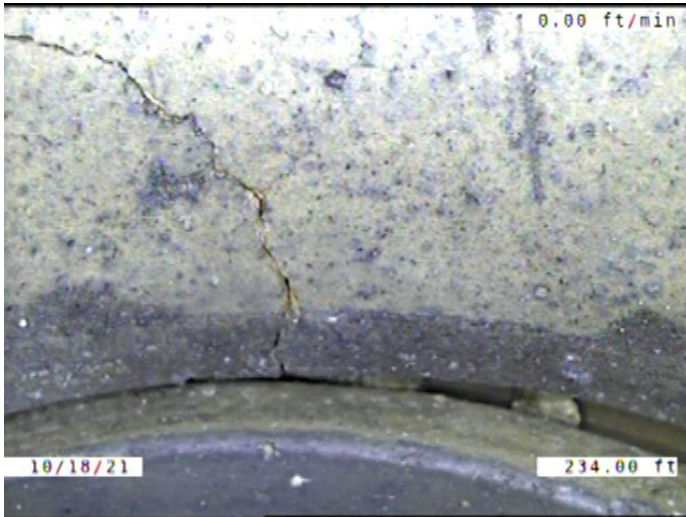
---



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

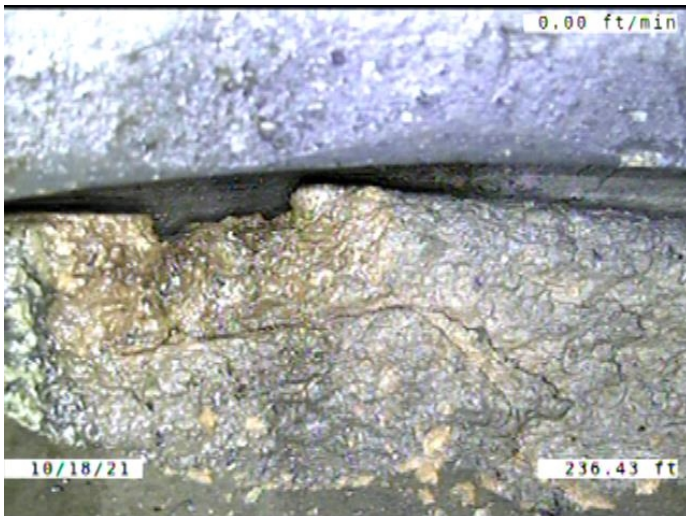
Distance (ft): **232.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **PIECES CHIPPED AWAY**

---



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

Distance (ft): **234.0**  
 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:



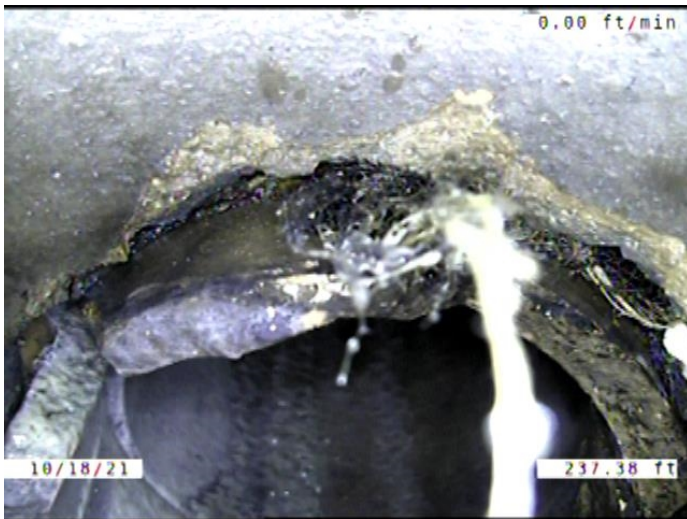
Code: **SZ**  
 Description: **Surface Damage Other**

Distance (ft): **236.4**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **9**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **A PIECE CHIPPED AWAY FROM THE JOINT**

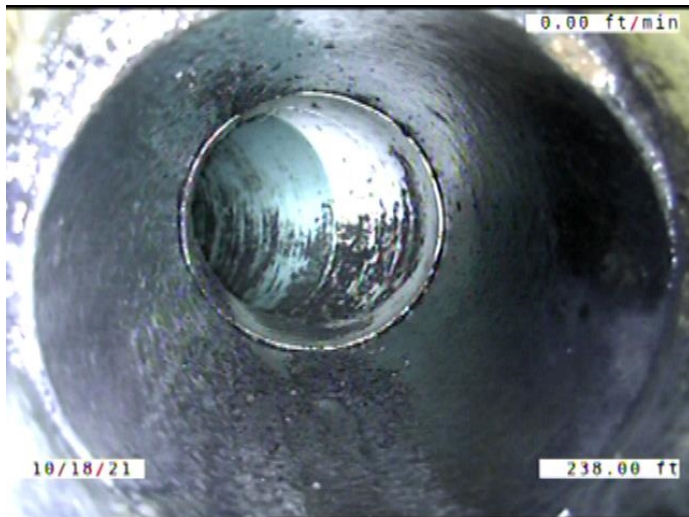




Code:	<b>SSS</b>
Description:	<b>Surface Damage Surface Spalling</b>
Distance (ft):	<b>237.4</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>11</b>
Clock To:	<b>1</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

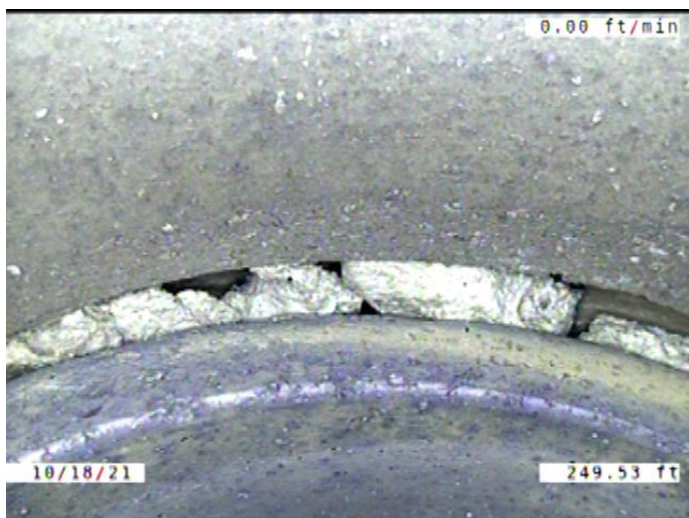


Code:	<b>RFB</b>
Description:	<b>Roots Fine Barrel</b>
Distance (ft):	<b>237.4</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>11</b>
Clock To:	<b>1</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	



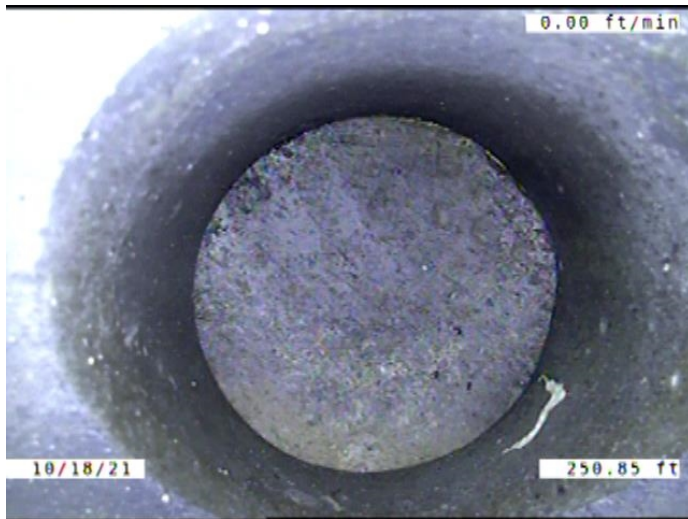
Code: **TFI**  
 Description: **Tap Factory Intruding**

Distance (ft): **238.0**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **12**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **2.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



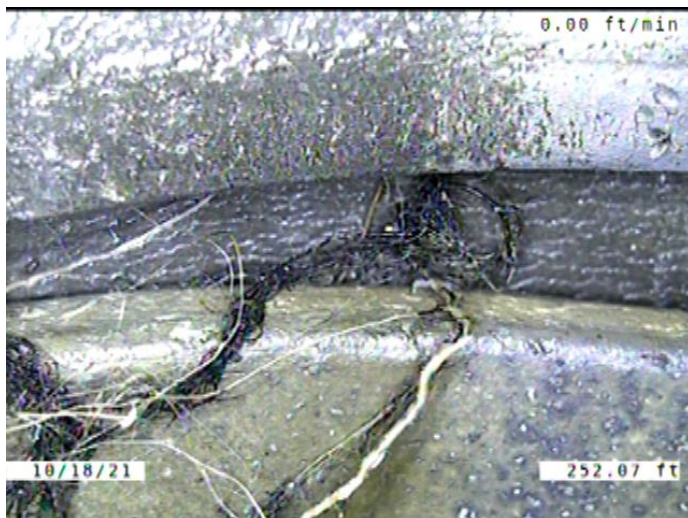
Code: **JOMD**  
 Description: **Joint Offset Medium Defective**

Distance (ft): **249.5**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **250.8**  
 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:



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

Distance (ft): **252.1**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **9**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

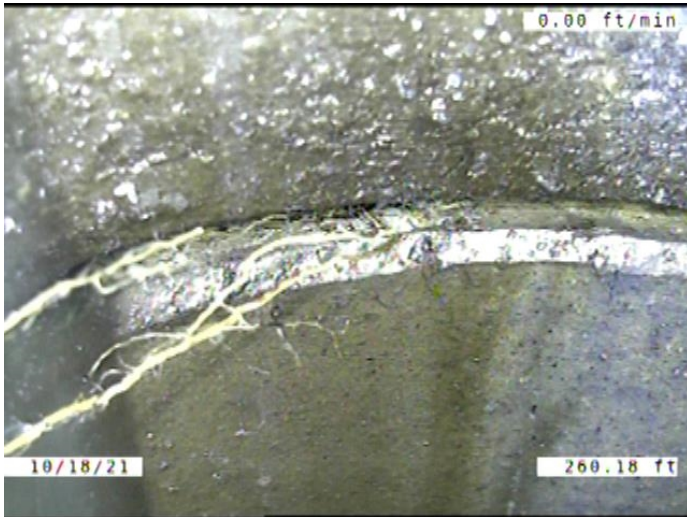




Code:	<b>TFC</b>
Description:	<b>Tap Factory Capped</b>
Distance (ft):	<b>252.9</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>1</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	



Code:	<b>RMJ</b>
Description:	<b>Roots Medium Joint</b>
Distance (ft):	<b>256.9</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</b>
Clock Start/From:	<b>7</b>
Clock To:	<b>10</b>
1st Value:	
2nd Value:	
Value Percent:	<b>10.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	



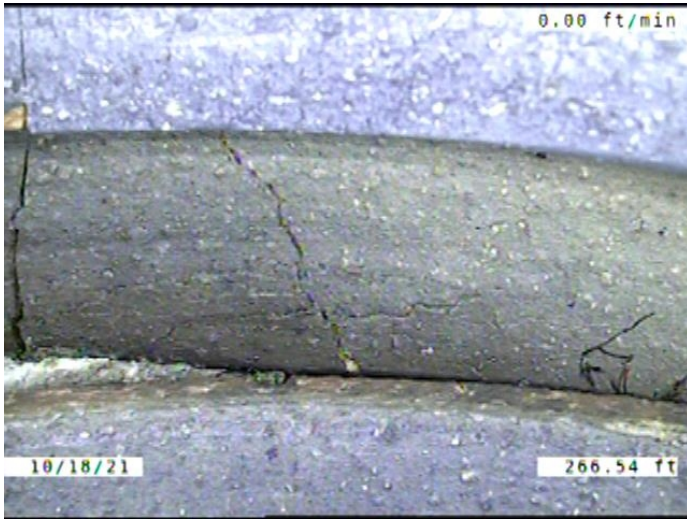
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **260.2**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



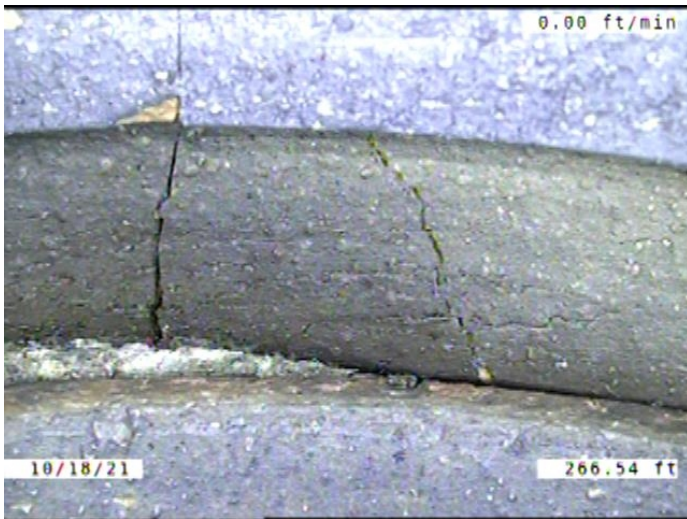
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **266.5**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

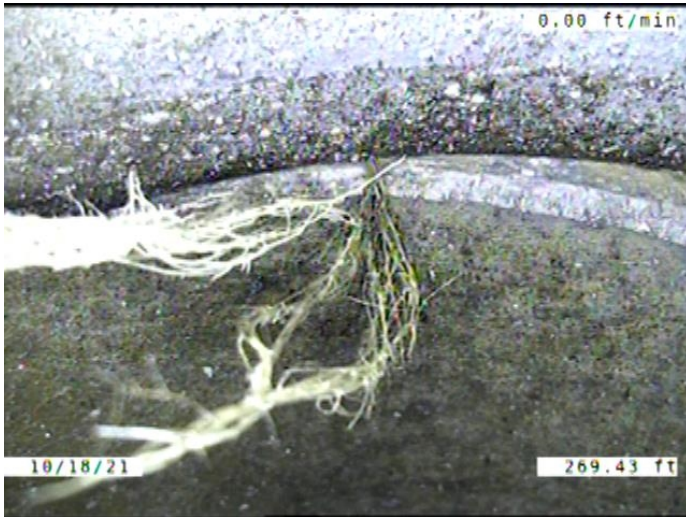
Distance (ft): **266.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



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

Distance (ft): **266.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:





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

Distance (ft): **269.4**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To: **10**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



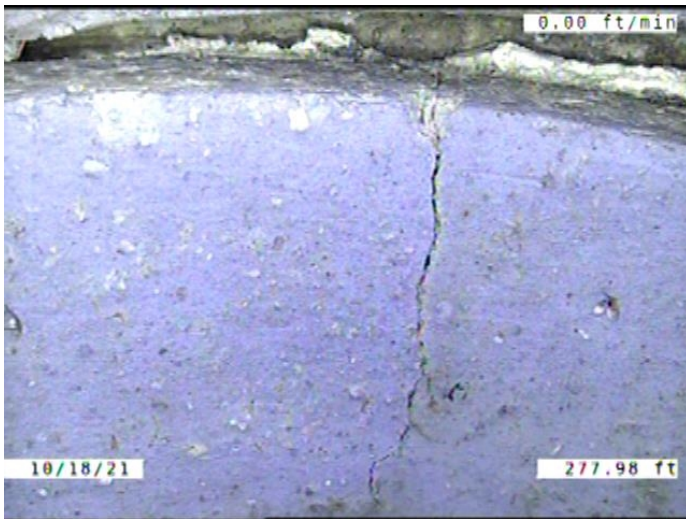
Code: **RTJ**  
 Description: **Roots Tap Joint**

Distance (ft): **272.7**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **7**  
 Clock To: **10**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



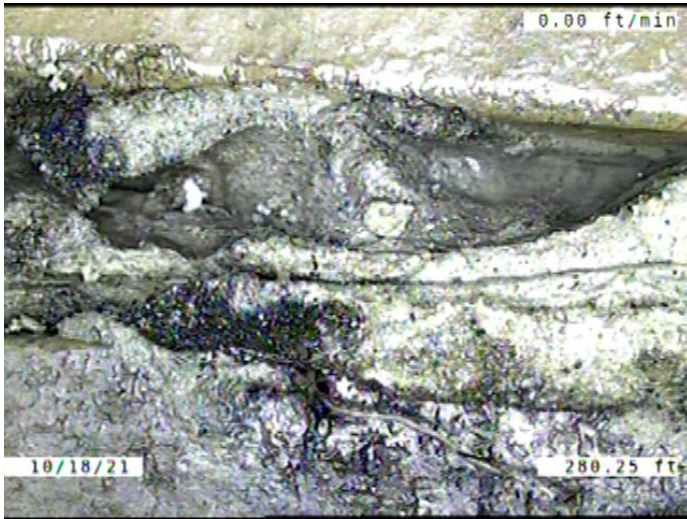
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **276.0**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **3**  
 Clock To: **9**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



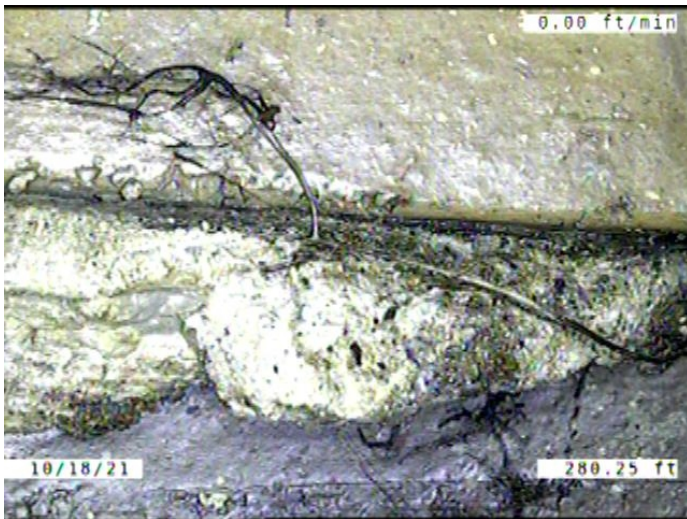
Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **278.0**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **280.2**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **4**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

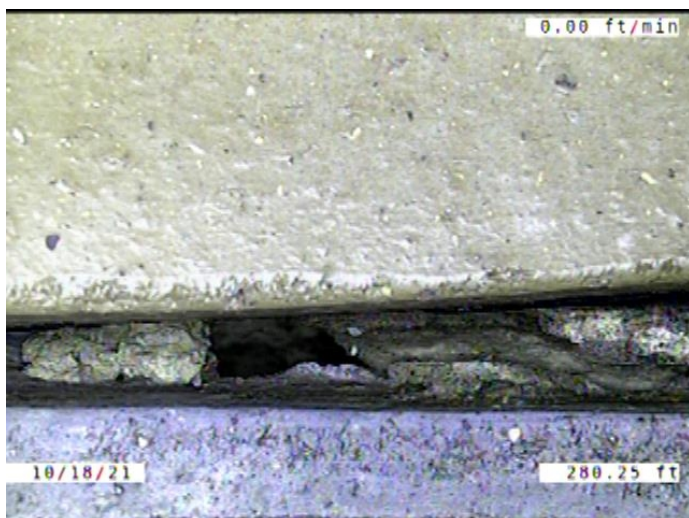
Distance (ft): **280.2**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **2**  
 Clock To: **10**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





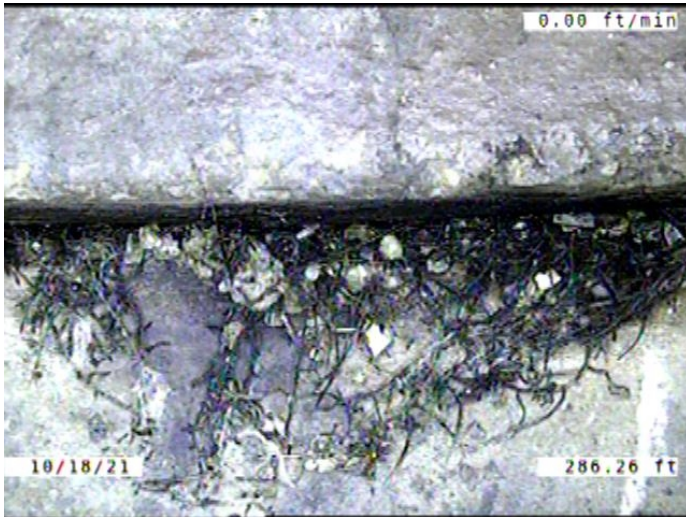
Code: **VZ**  
 Description: **Vermin Other**

Distance (ft): **280.3**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From:  
 Clock To:  
 1st Value: **1.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **Snake**



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

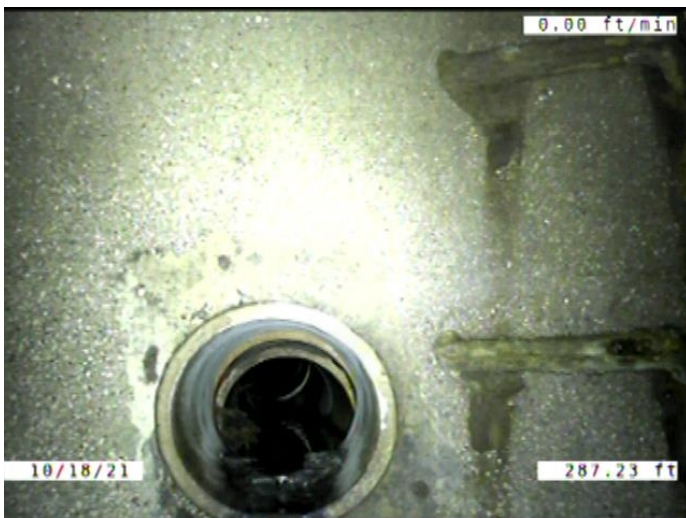
Distance (ft): **280.3**  
 Structural Grade: **5**  
 O&M Grade: **0**  
 Clock Start/From: **9**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **286.3**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **3**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

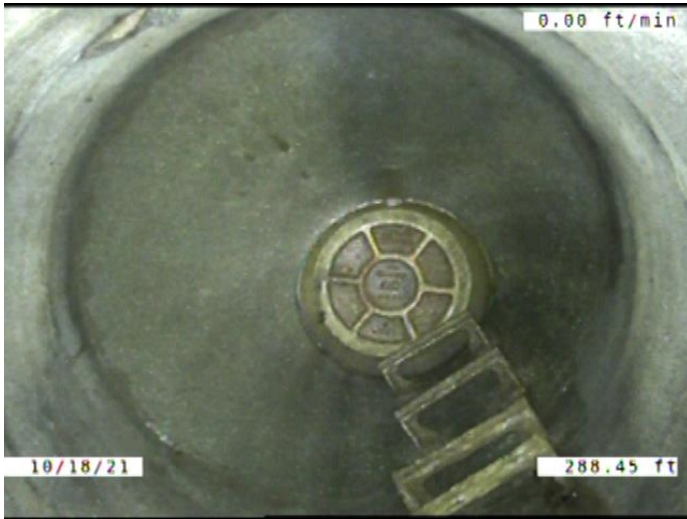
---



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

Distance (ft): **287.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F04**  
Within 8" of Joint: **YES**  
Remarks:

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Code:	<b>AMH</b>
Description:	<b>Manhole</b>
Distance (ft):	<b>288.5</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-804-024</b>