

# Profile/Photo Observation Report



Date:	<b>09/10/2021</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>188.3</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-504-104-103</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>08/27/2021</b>	Shape:	<b>C</b>

Street:	<b>North Colorado Street</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Alley</b>	Tape/Media #:	
Purpose:	<b>Routine Assessment</b>	Dia/Height:	<b>12"</b>
Use:	<b>Sanitary Sewage Pipe</b>	Material:	<b>CP</b>
Drain Area:		Lining:	<b>None</b>
Category:	<b>NA</b>		
Comment:			
Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-504-103</b>	DS MH:	<b>M-504-104</b>
		Total Length Surveyed (ft):	<b>188.3</b>

O&M Index:	<b>2.22</b>	O&M Quick:	<b>3A24</b>	O&M Rating:	<b>51.00</b>
Structural Index:	<b>2.76</b>	Structural Quick:	<b>463B</b>	Structural Rating:	<b>105.00</b>
Overall Index:	<b>2.56</b>	Overall Quick:	<b>463D</b>	Overall Rating:	<b>156.00</b>

Position	Code	Observation	Video (sec)	Grade
.0	AMH	Manhole	1	NA
.0	MWL	Miscellaneous Water Level	75	NA
14.7	MWLS(S01)	Miscellaneous Water Level Sag	192	S 2
32.7	MWLS(F01)	Miscellaneous Water Level Sag	281	S 2
34.7	FL(S02)	Fracture Longitudinal	324	S 3
37.4	MWLS(S03)	Miscellaneous Water Level Sag	358	S 2
44.9	B	Broken	428	S 4
44.9	MMC	Miscellaneous Material Change	440	NA
45.7	RFB	Roots Fine Barrel	517	M 2
46.1	TFD	Tap Factory Defective	535	M 3
48.3	MMC	Miscellaneous Material Change	586	NA
57.1	MMC	Miscellaneous Material Change	684	NA
57.1	B	Broken	723	S 4
58.2	TFD	Tap Factory Defective	771	M 3
60.4	MMC	Miscellaneous Material Change	821	NA
69.3	RFJ	Roots Fine Joint	879	M 1
78.3	RMJ	Roots Medium Joint	968	M 3
80.3	MWLS(F03)	Miscellaneous Water Level Sag	991	S 2
80.3	FL(F02)	Fracture Longitudinal	1002	S 3

84.3	RMJ	Roots Medium Joint	1058	M 3
87.1	RMJ	Roots Medium Joint	1115	M 3
90.5	MWL	Miscellaneous Water Level	1150	NA
93.1	RMJ	Roots Medium Joint	1198	M 3
96.5	RFJ	Roots Fine Joint	1247	M 1
101.9	RMJ	Roots Medium Joint	1313	M 3
103.4	RML	Roots Medium Lateral	1379	M 3
104.0	TBI	Tap Break-in Intruding	0	M 2
108.0	B	Broken	72	S 4
108.0	MMC	Miscellaneous Material Change	85	NA
109.4	TFD	Tap Factory Defective	113	M 3
111.5	RML	Roots Medium Lateral	157	M 3
111.5	TBD	Tap Break-in/Hammer Defective	198	M 3
123.2	CM	Crack Multiple	305	S 3
128.2	FM	Fracture Multiple	376	S 4
129.3	MMC	Miscellaneous Material Change	415	NA
129.3	RFJ	Roots Fine Joint	428	M 1
129.3	FM	Fracture Multiple	482	S 4
130.1	TFI	Tap Factory Intruding	506	M 2
132.5	MMC	Miscellaneous Material Change	581	NA
132.5	CL	Crack Longitudinal	597	S 2
144.4	RFJ	Roots Fine Joint	656	M 1
147.4	RFJ	Roots Fine Joint	698	M 1
150.4	RFJ	Roots Fine Joint	750	M 1
150.4	CS	Crack Spiral	767	S 2
153.5	MMC	Miscellaneous Material Change	829	NA
153.5	CM	Crack Multiple	867	S 3
154.5	TFD	Tap Factory Defective	897	M 3
156.5	MMC	Miscellaneous Material Change	945	NA
156.5	RFJ	Roots Fine Joint	962	M 1
156.5	FS(S04)	Fracture Spiral	989	S 3
177.6	FM	Fracture Multiple	1137	S 4
179.5	TBI	Tap Break-in Intruding	1184	M 2
186.7	FS(F04)	Fracture Spiral	1226	S 3
188.3	AMH	Manhole	1319	NA

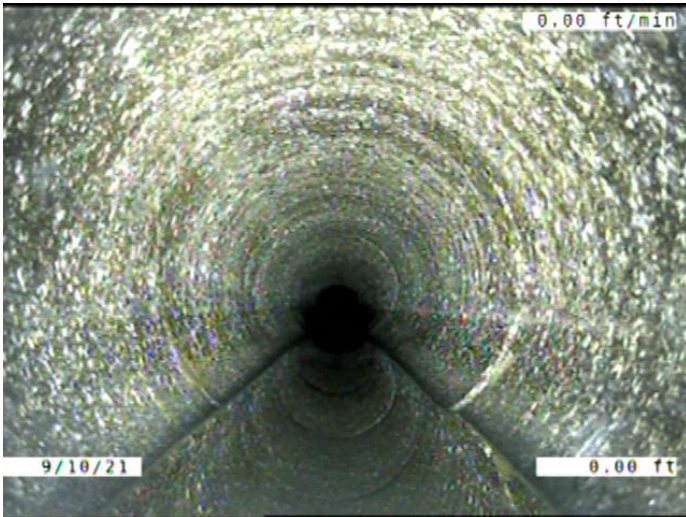
**M-504-104**



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

Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **M-504-103**

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

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

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

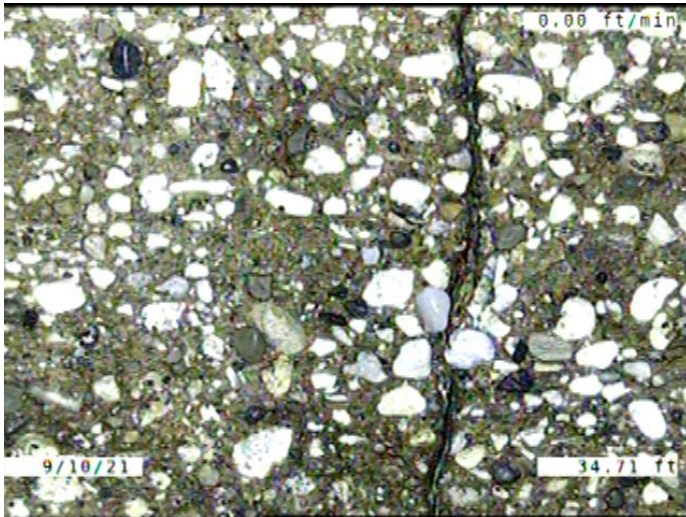
Distance (ft): **14.7**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **S01**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **32.7**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **F01**  
 Within 8" of Joint: **NO**  
 Remarks:





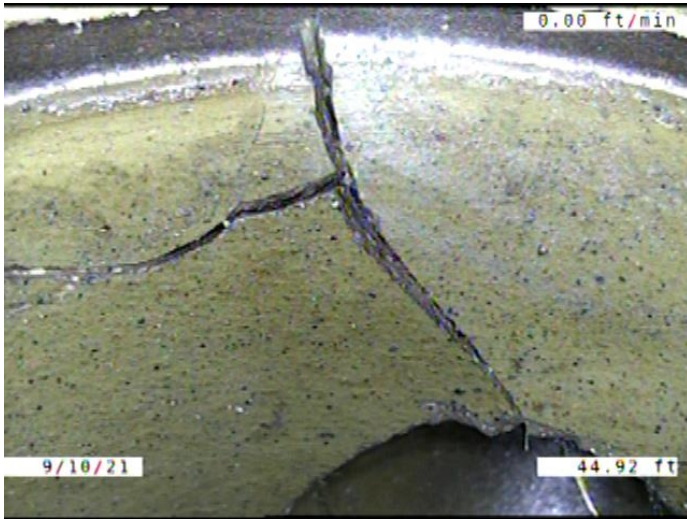
Code: **FL**  
 Description: **Fracture Longitudinal**

Distance (ft): **34.7**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S02**  
 Within 8" of Joint: **YES**  
 Remarks:



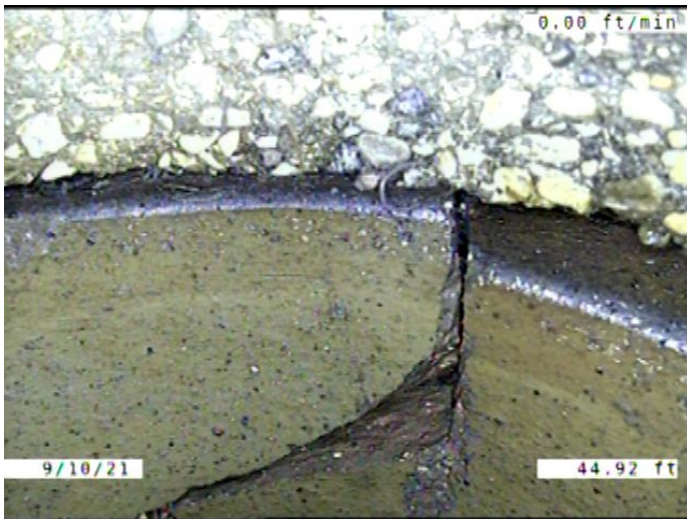
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **37.4**  
 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:



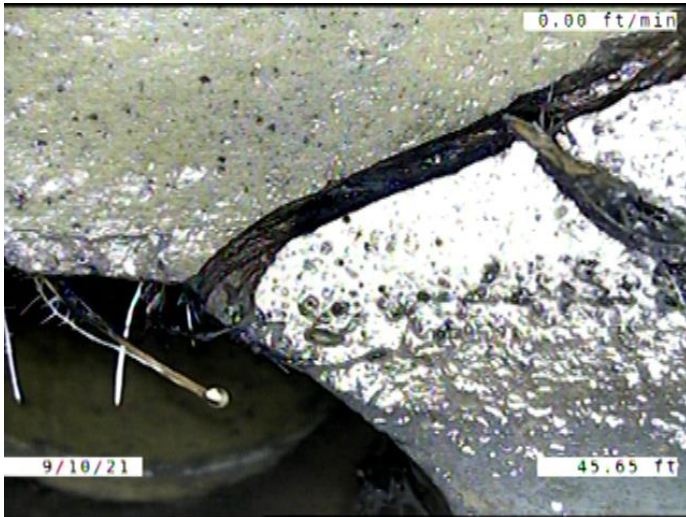
Code: **B**  
 Description: **Broken**

Distance (ft): **44.9**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



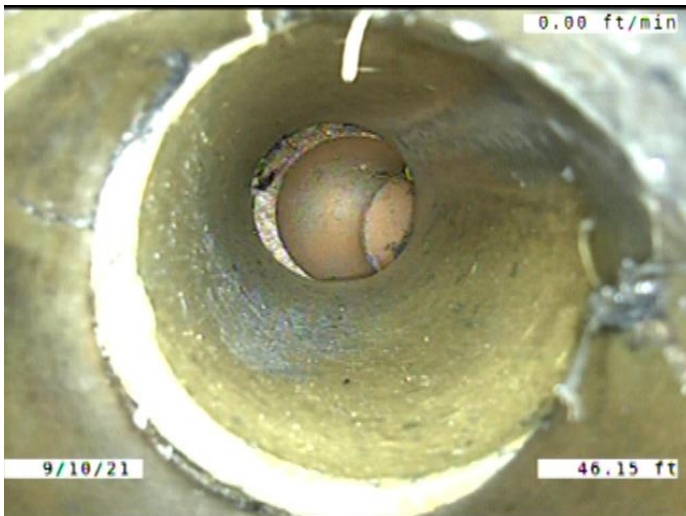
Code: **MMC**  
 Description: **Miscellaneous Material Change**

Distance (ft): **44.9**  
 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: **CONCRETE TO VCP**



Code: **RFB**  
 Description: **Roots Fine Barrel**

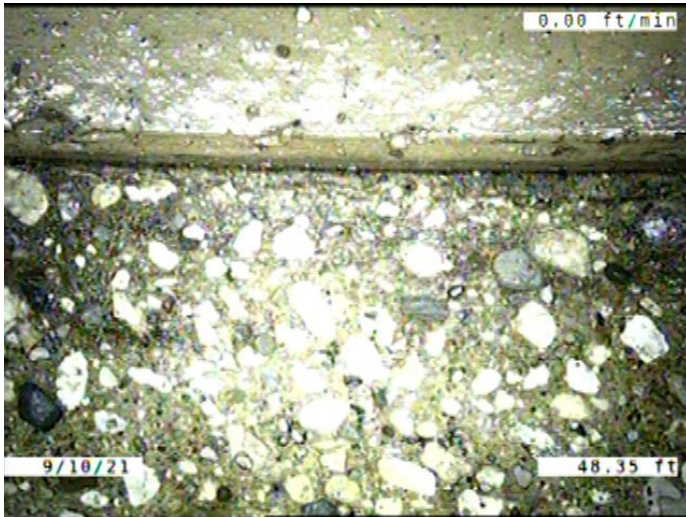
Distance (ft): **45.7**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **1**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **46.1**  
 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: **Defective**

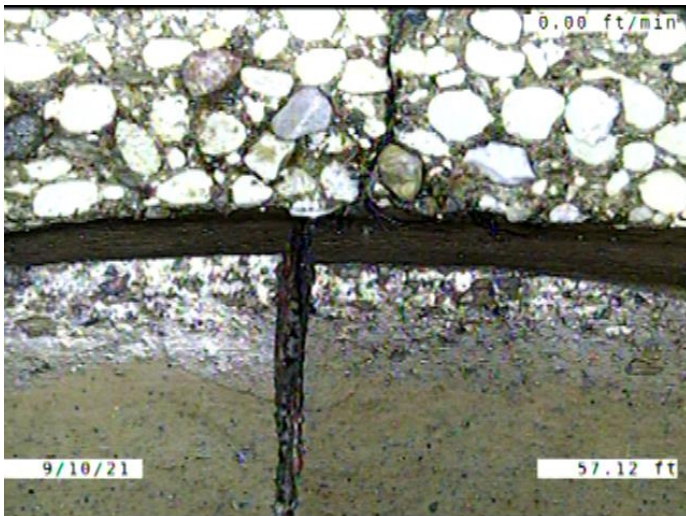




Code: **MMC**  
 Description: **Miscellaneous Material Change**

Distance (ft): **48.3**  
 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 CONCRETE**

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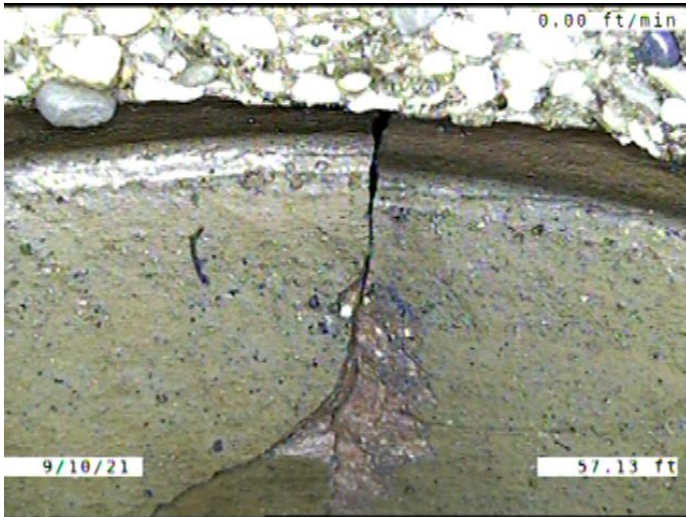


Code: **MMC**  
 Description: **Miscellaneous Material Change**

Distance (ft): **57.1**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **CONCRETE TO VCP**

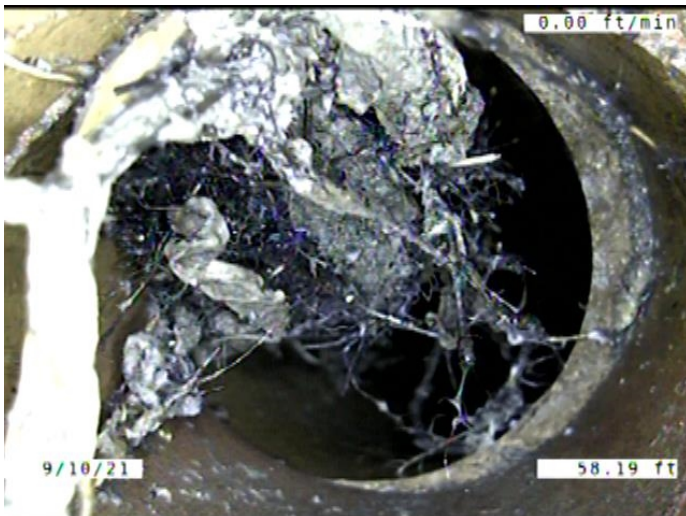
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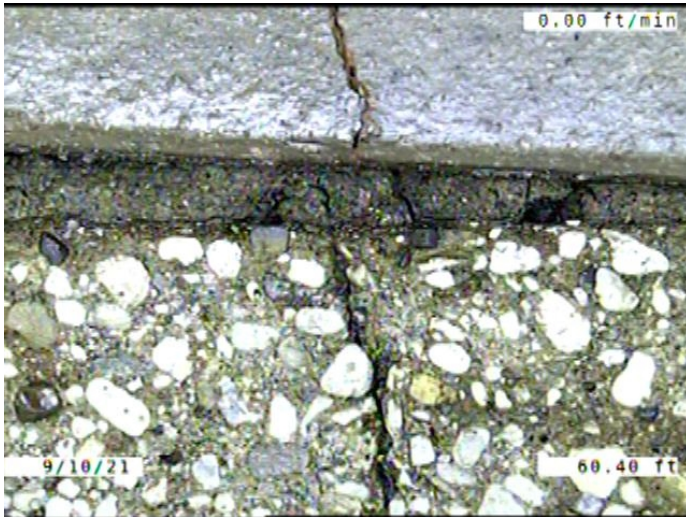
Code: **B**  
 Description: **Broken**

Distance (ft): **57.1**  
 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: **TFD**  
 Description: **Tap Factory Defective**

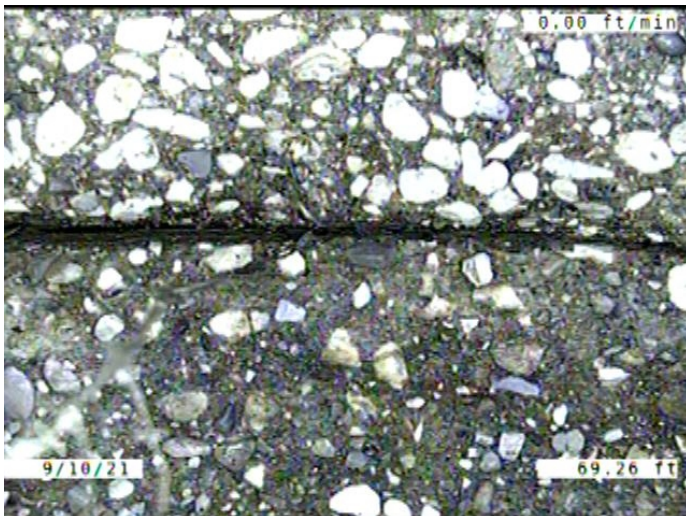
Distance (ft): **58.2**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **Defective**



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

Distance (ft): **60.4**  
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: **VCP TO CONCRETE**

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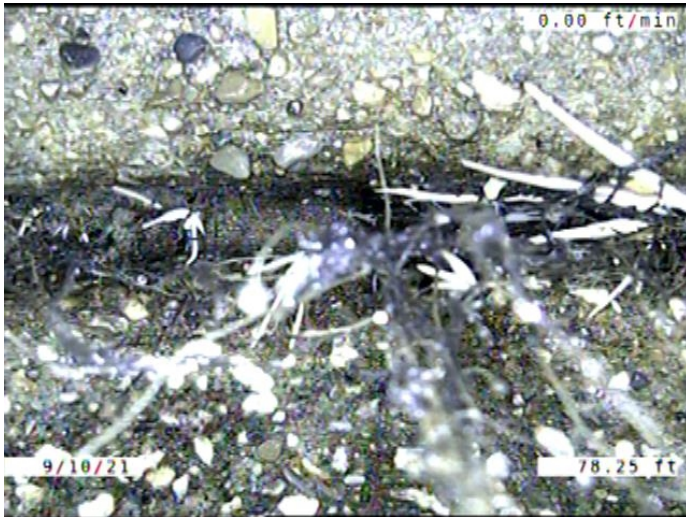


Code: **RFJ**  
Description: **Roots Fine Joint**

Distance (ft): **69.3**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

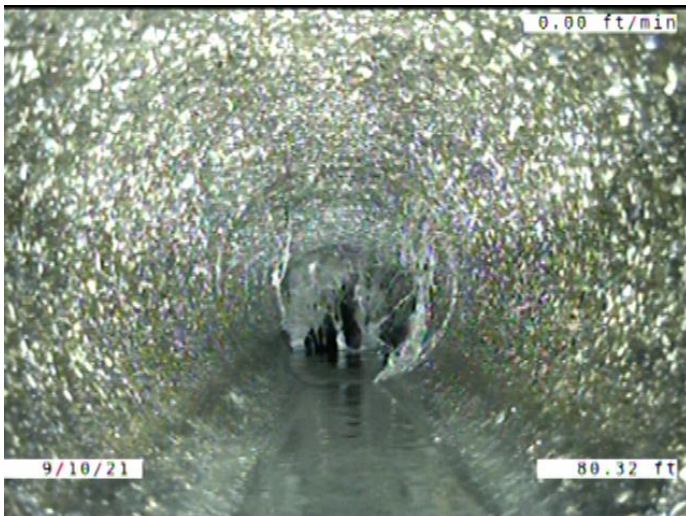
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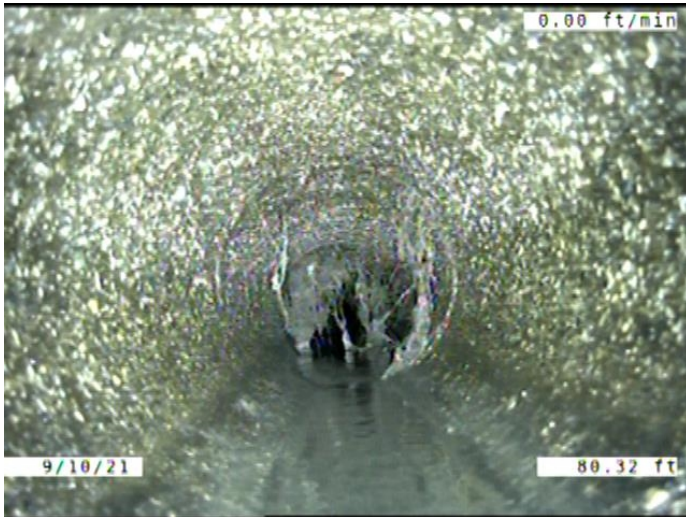
Code: **RMJ**  
 Description: **Roots Medium Joint**

Distance (ft): **78.3**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



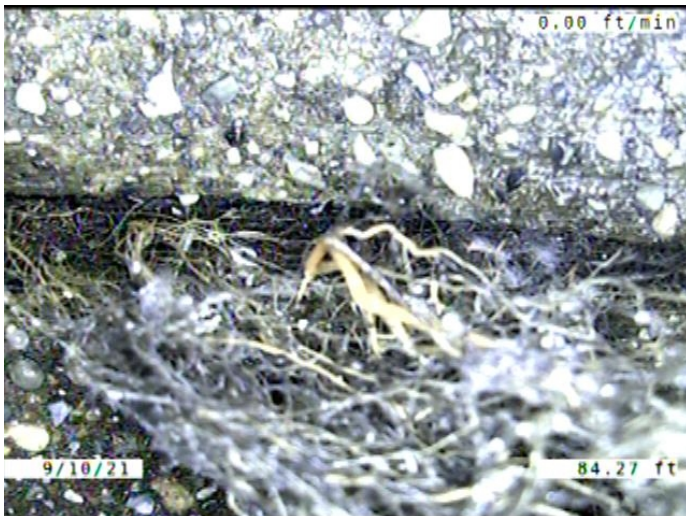
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **80.3**  
 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: **FL**  
 Description: **Fracture Longitudinal**

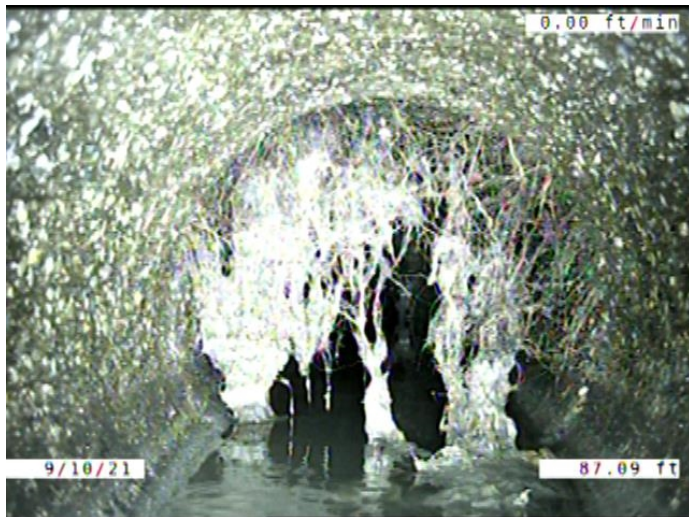
Distance (ft): **80.3**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F02**  
 Within 8" of Joint: **YES**  
 Remarks:



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

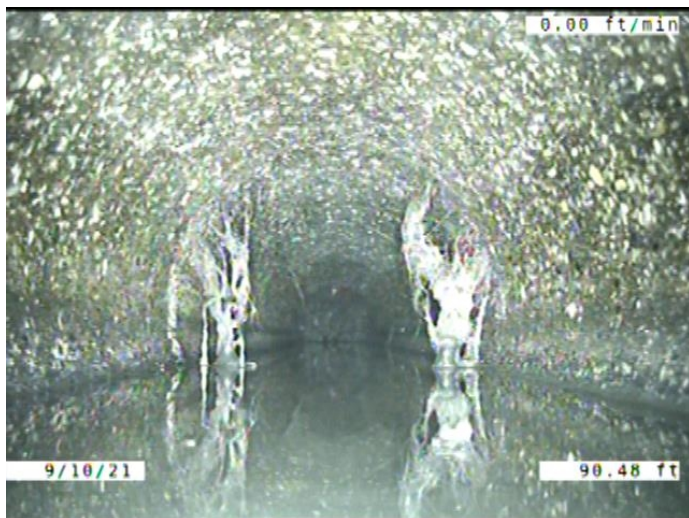
Distance (ft): **84.3**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **11**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





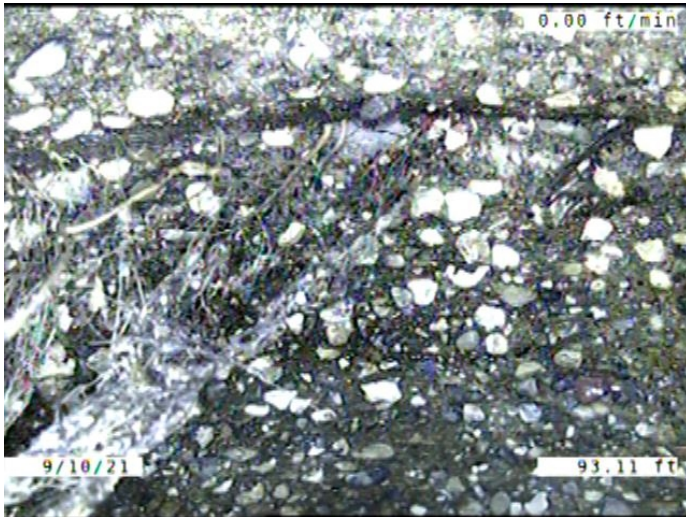
Code: **RMJ**  
 Description: **Roots Medium Joint**

Distance (ft): **87.1**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **50.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



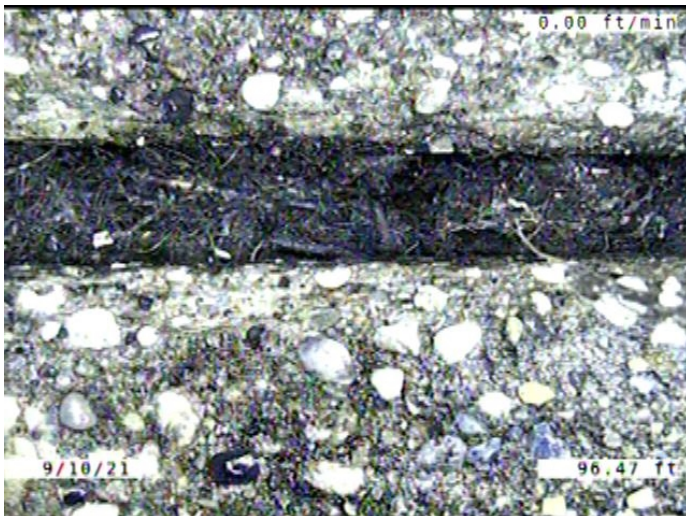
Code: **MWL**  
 Description: **Miscellaneous Water Level**

Distance (ft): **90.5**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

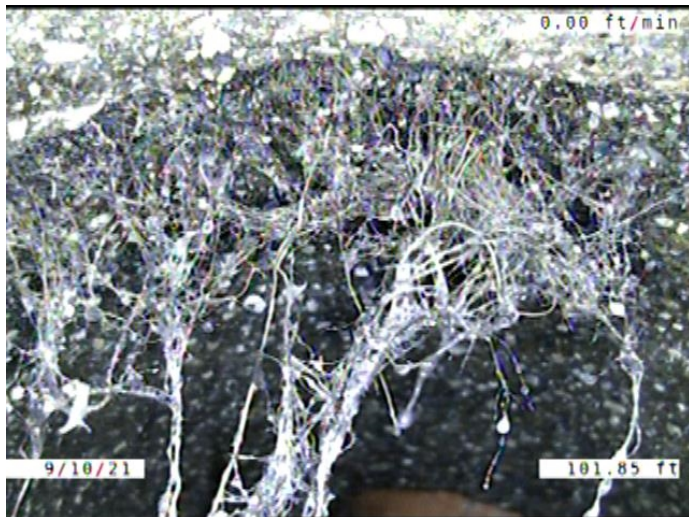
Distance (ft): **93.1**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

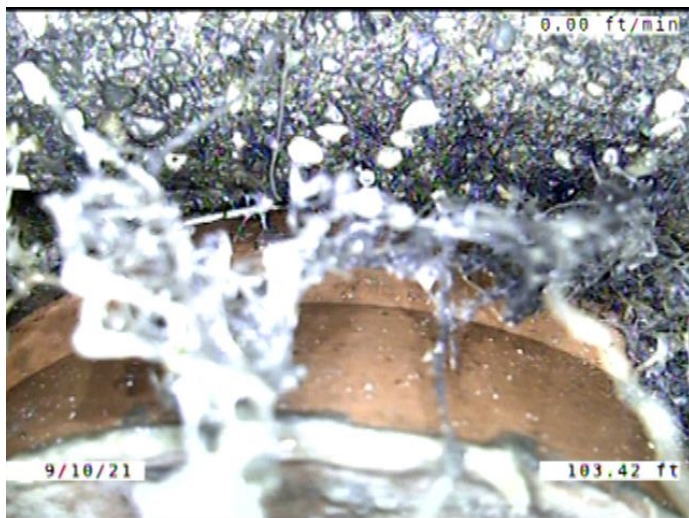
Distance (ft): **96.5**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





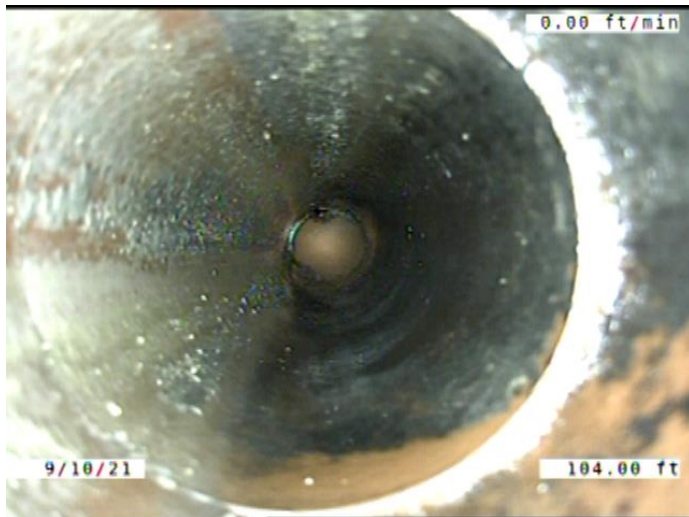
Code: **RMJ**  
 Description: **Roots Medium Joint**

Distance (ft): **101.9**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **10**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



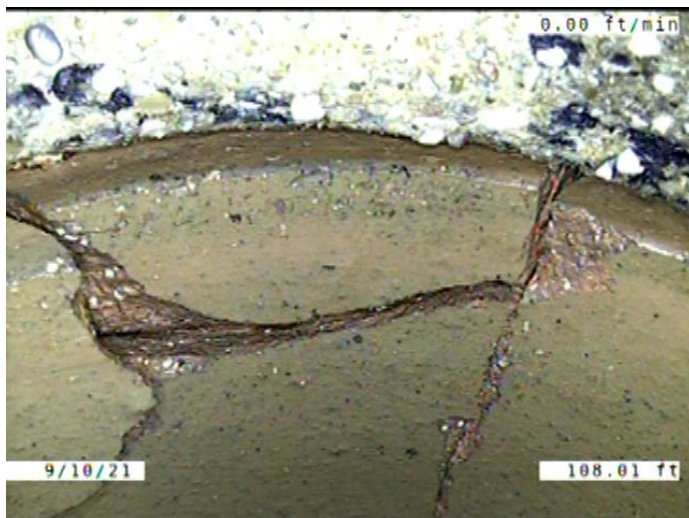
Code: **RML**  
 Description: **Roots Medium Lateral**

Distance (ft): **103.4**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **11**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent: **50.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

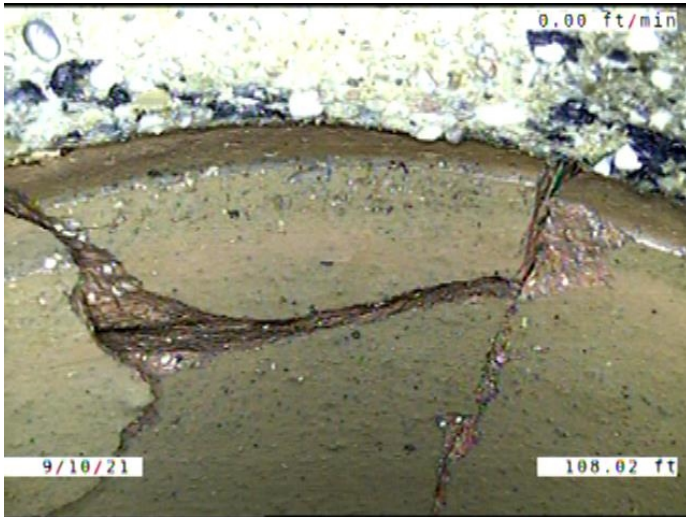
Distance (ft): **104.0**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **12**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **2.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **CONSTANTLY RUNNING WATER**



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

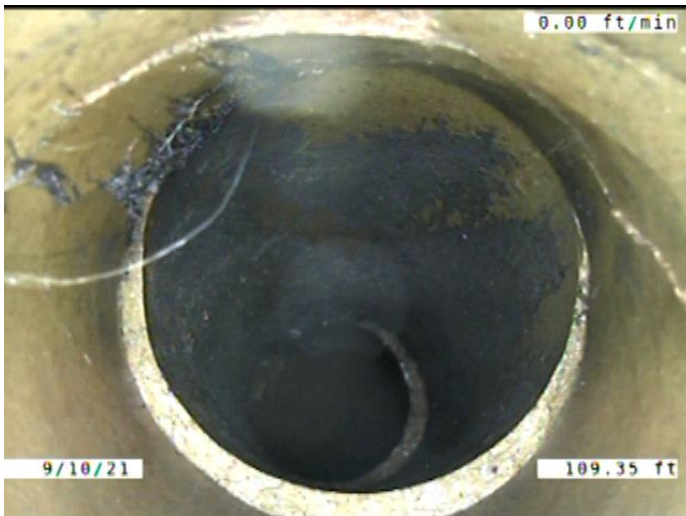
Distance (ft): **108.0**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





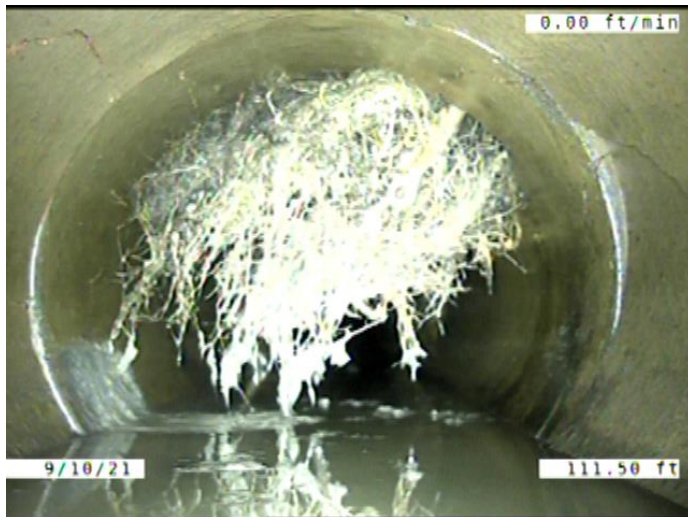
Code: **MMC**  
 Description: **Miscellaneous Material Change**

Distance (ft): **108.0**  
 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: **CONCRETE TO VCP**



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

Distance (ft): **109.4**  
 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**



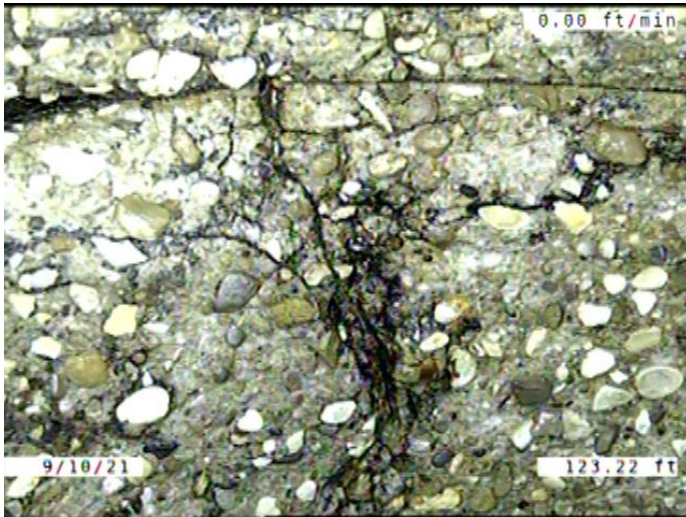
Code: **RML**  
 Description: **Roots Medium Lateral**

Distance (ft): **111.5**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **10**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent: **40.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

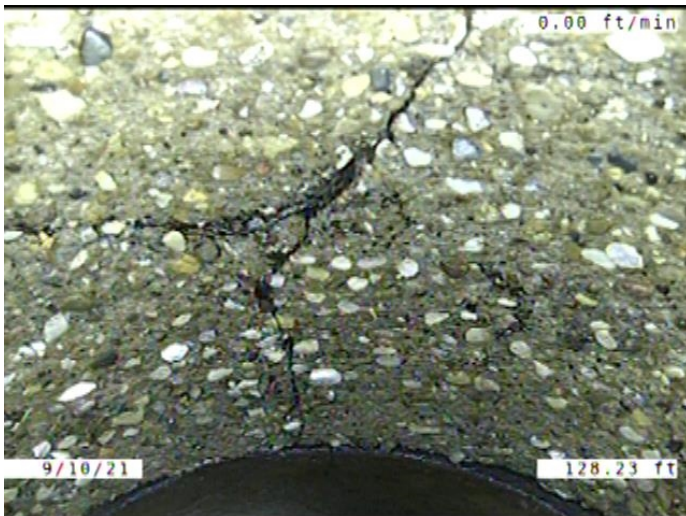
Distance (ft): **111.5**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **Defective**



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

Distance (ft): **123.2**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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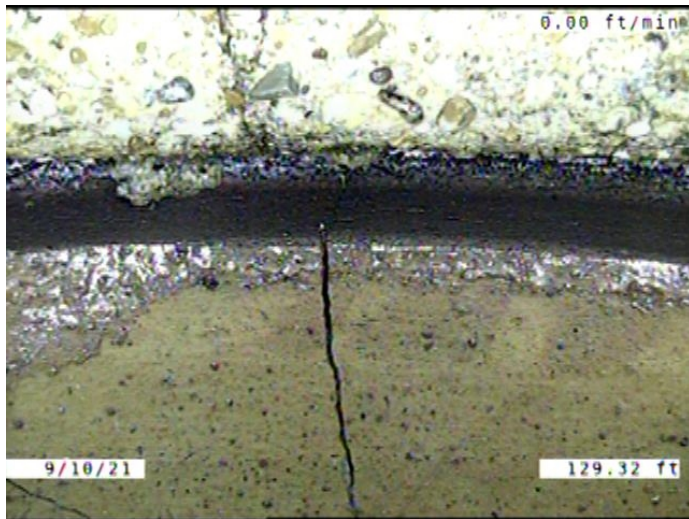


Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **128.2**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

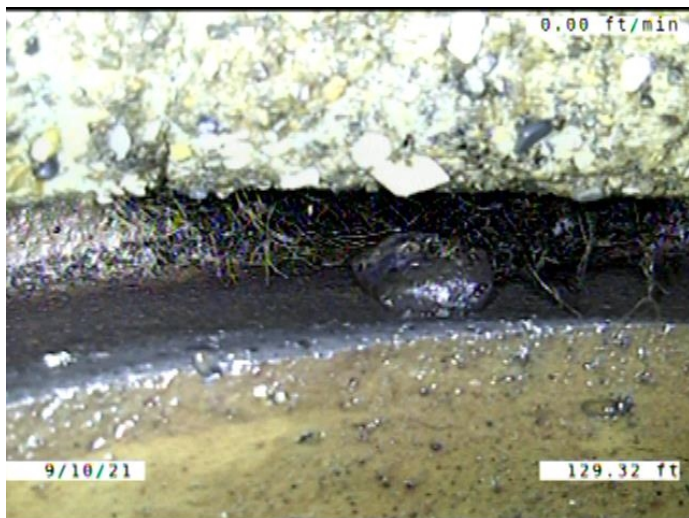
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Code: **MMC**  
 Description: **Miscellaneous Material Change**

Distance (ft): **129.3**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **CONCRETE TO VCP**



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

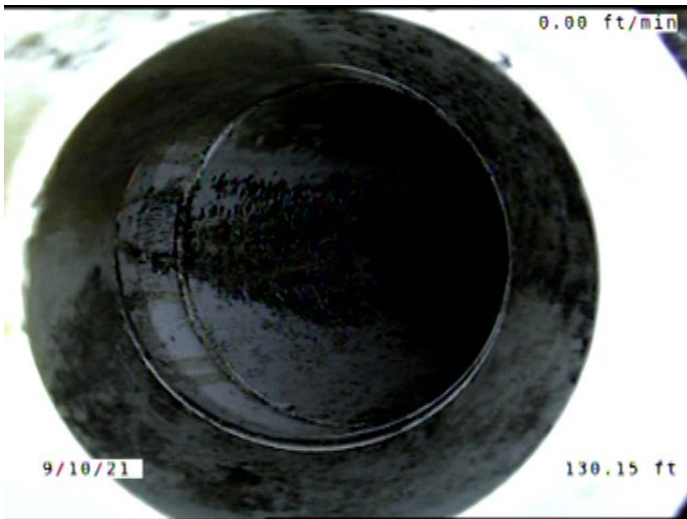
Distance (ft): **129.3**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To: **10**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





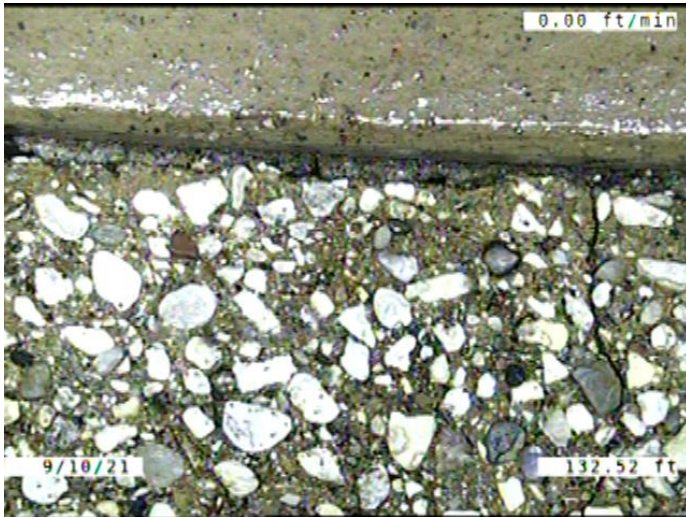
Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **129.3**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



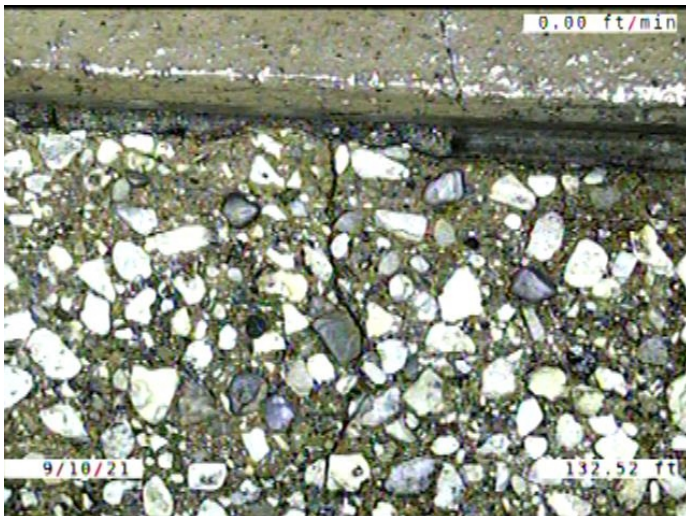
Code: **TFI**  
 Description: **Tap Factory Intruding**

Distance (ft): **130.1**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **CONSTANTLY RUNNING WATER**



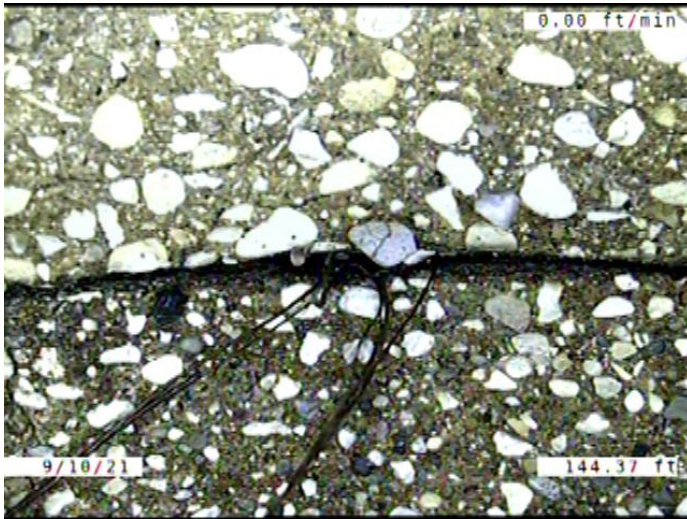
Code: **MMC**  
 Description: **Miscellaneous Material Change**

Distance (ft): **132.5**  
 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: **VCP TO CONCRETE**



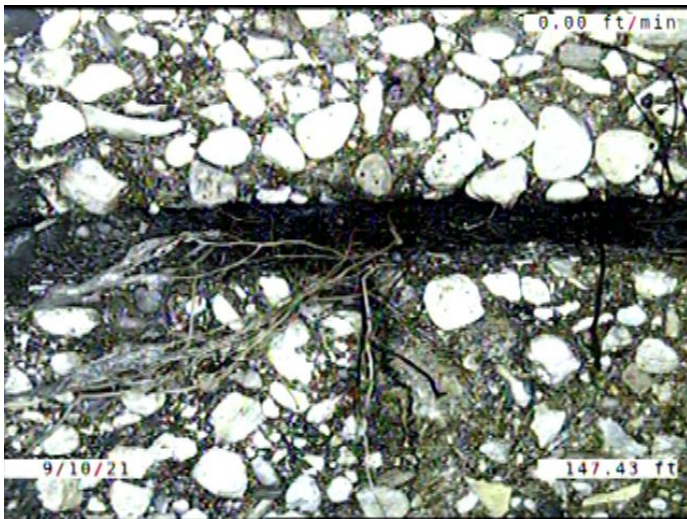
Code: **CL**  
 Description: **Crack Longitudinal**

Distance (ft): **132.5**  
 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: **RFJ**  
 Description: **Roots Fine Joint**

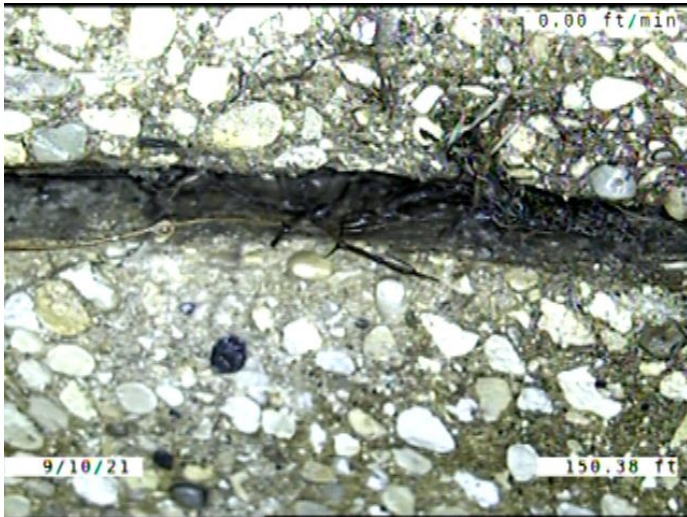
Distance (ft): **144.4**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To: **10**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

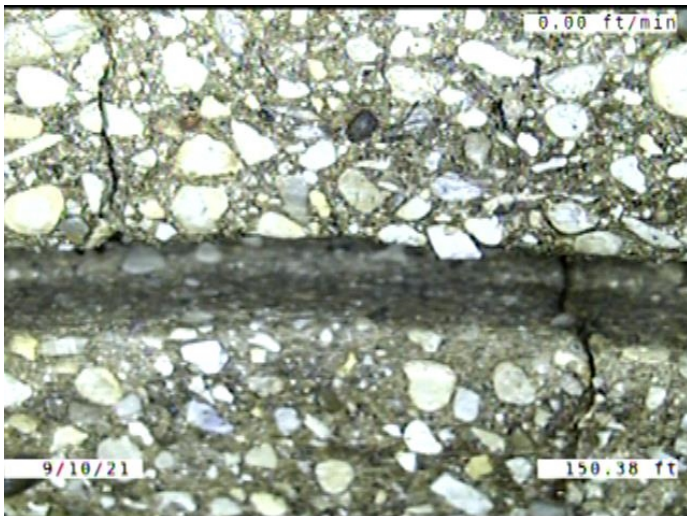
Distance (ft): **147.4**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





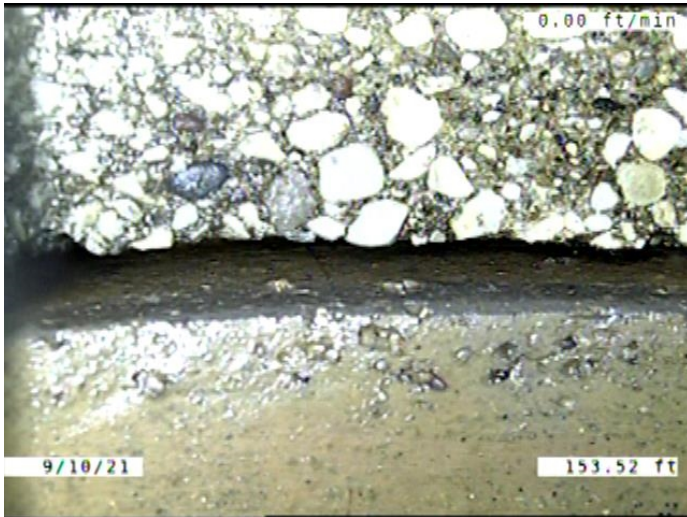
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **150.4**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **1**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



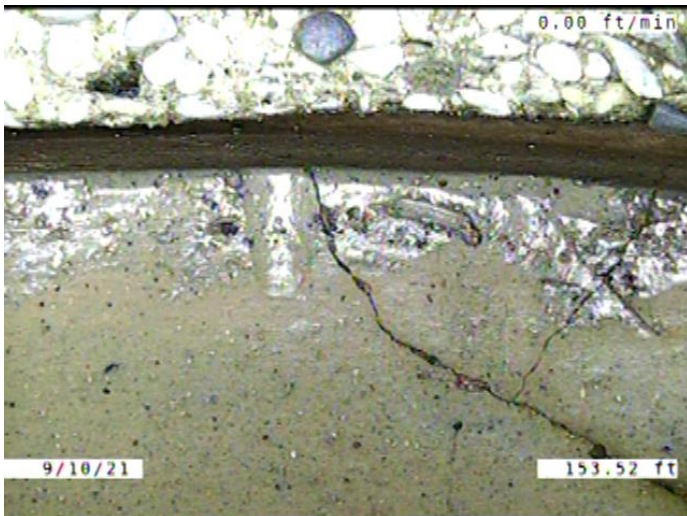
Code: **CS**  
 Description: **Crack Spiral**

Distance (ft): **150.4**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

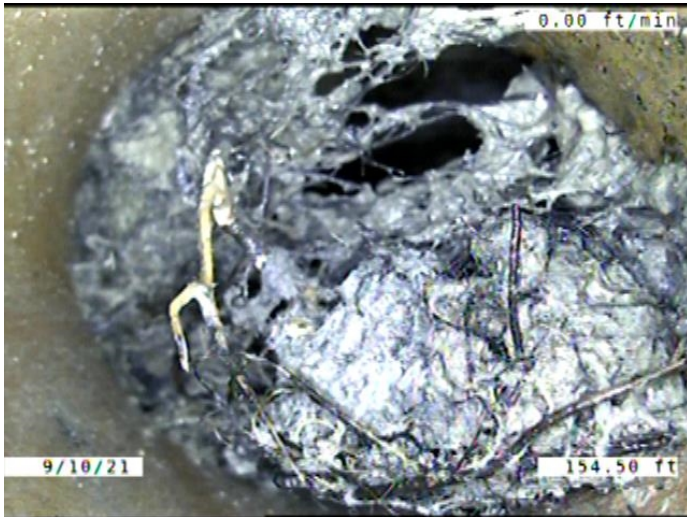
Distance (ft): **153.5**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **CONCRETE TO VCP**



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

Distance (ft): **153.5**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

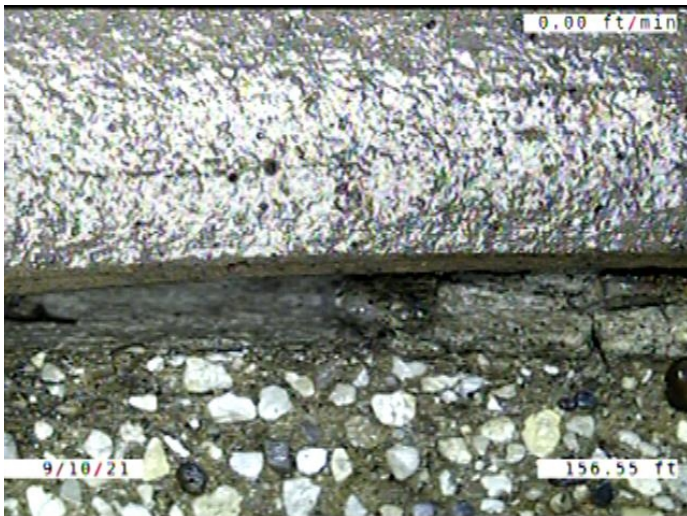




Code: **TFD**  
Description: **Tap Factory Defective**

Distance (ft): **154.5**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **1**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **90% PLUGGED WITH ROOTS**

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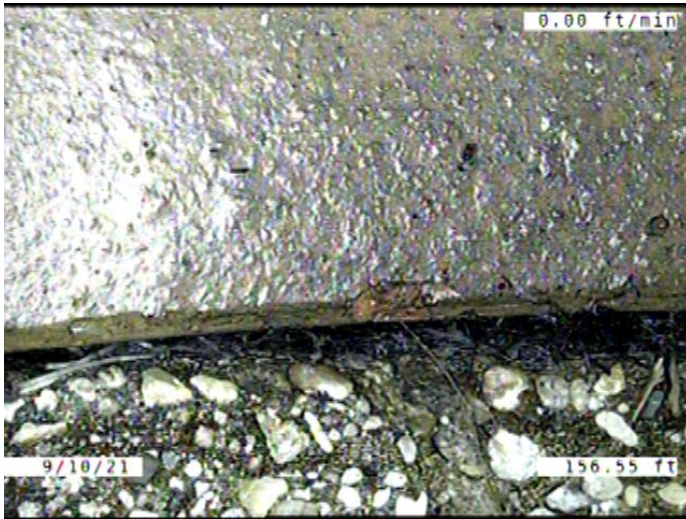


Code: **MMC**  
Description: **Miscellaneous Material Change**

Distance (ft): **156.5**  
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: **VCP TO CONCRETE**

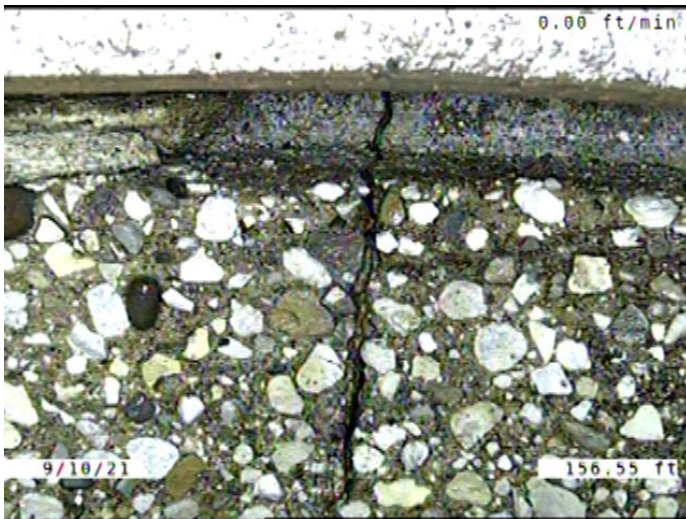
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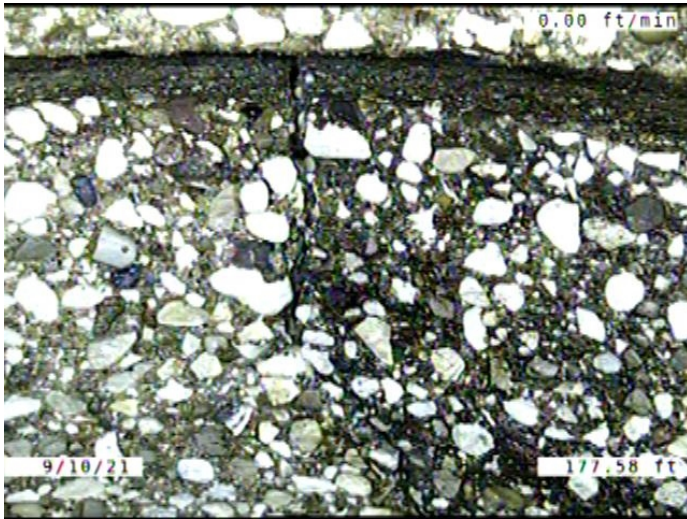
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **156.5**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **FS**  
 Description: **Fracture Spiral**

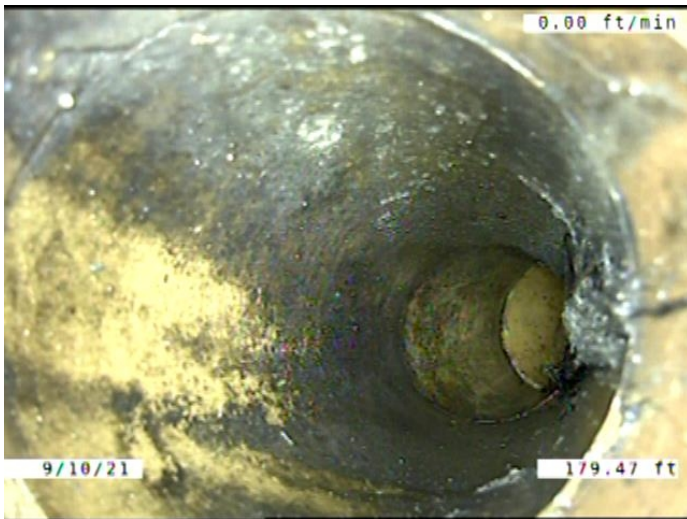
Distance (ft): **156.5**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S04**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **177.6**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

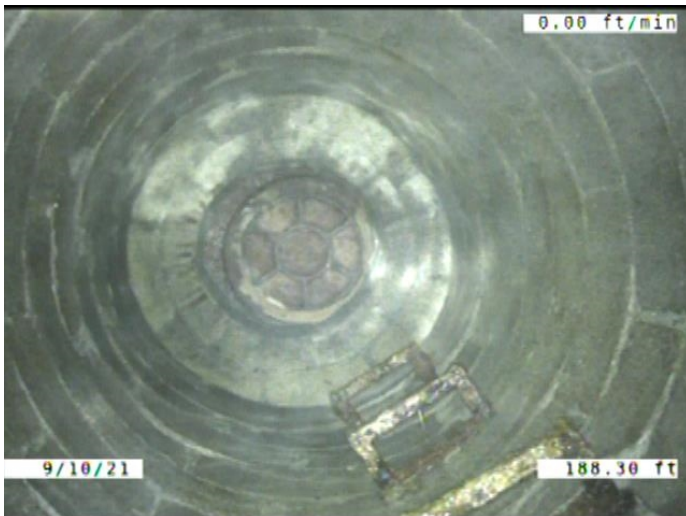
Distance (ft): **179.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To:  
1st Value: **4.000**  
2nd Value: **1.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **FS**  
 Description: **Fracture Spiral**

Distance (ft): **186.7**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F04**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **188.3**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **M-504-104**