


## Profile/Photo Observation Report

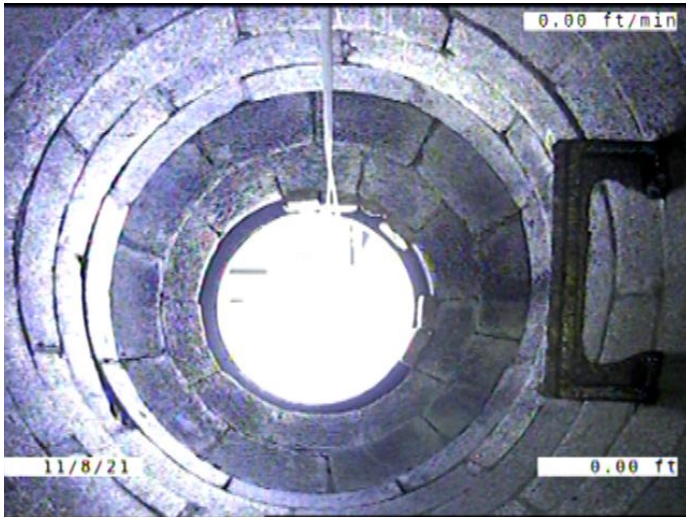


Date:	<b>11/08/2021</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>175.0</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>Steven Bucklin</b>	PSR:	<b>P-505-070-001</b>
Customer:	<b>City of Hobart, IN (Red</b>	Clean Date:	<b>11/08/2021</b>	Shape:	<b>C</b>

Street:	<b>South Wilson Street</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>City of Hobart</b>	Year Renewed:	
Location:	<b>Local rural streets with light traffic, t</b>	Tape/Media #:	
Purpose:	<b>Routine Assessment</b>	Dia/Height:	<b>10"</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-404-001</b>	DS MH:	<b>M-505-070</b>
		Total Length Surveyed (ft):	<b>175.0</b>

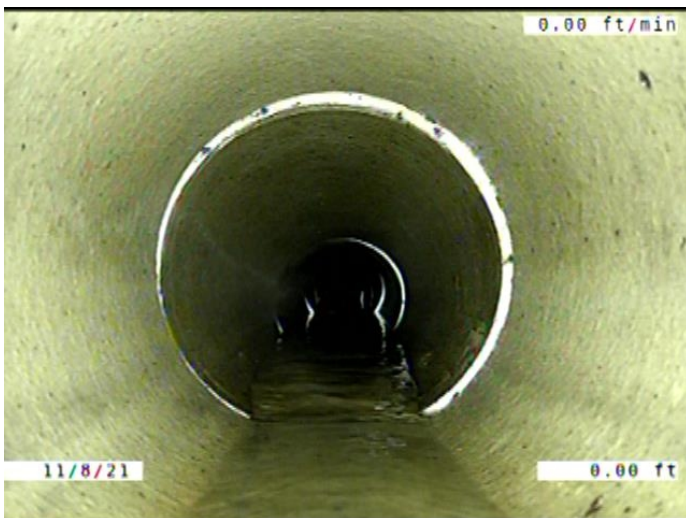
O&M Index:	<b>2.11</b>	O&M Quick:	<b>4331</b>	O&M Rating:	<b>40.00</b>
Structural Index:	<b>3.00</b>	Structural Quick:	<b>433C</b>	Structural Rating:	<b>78.00</b>
Overall Index:	<b>2.62</b>	Overall Quick:	<b>463C</b>	Overall Rating:	<b>118.00</b>

	Position	Code	Observation	Video (sec)	Grade
	M-404-001				
	0.0	AMH	Manhole	1	NA
	0.0	MWL	Miscellaneous Water Level	53	NA
	13.1	ISJ	Infiltration Stain Joint	169	M 1
	17.0	RFJ	Roots Fine Joint	235	M 1
	32.5	RFJ	Roots Fine Joint	364	M 1
	39.7	MWLS(S01)	Miscellaneous Water Level Sag	431	S 3
	52.6	IDJ	Infiltration Dripper Joint	640	M 3
	52.6	DAE	Deposits Attached Encrustation	661	M 2
	56.4	DAE	Deposits Attached Encrustation	764	M 2
	60.7	MCU	Miscellaneous Camera Underwater	846	M 4
	68.5	DAE	Deposits Attached Encrustation	980	M 2
	72.4	DAE	Deposits Attached Encrustation	1052	M 2
	76.4	DAE	Deposits Attached Encrustation	1118	M 2
	88.1	MCU	Miscellaneous Camera Underwater	1272	M 4
	124.3	SSS	Surface Damage Surface Spalling	1608	S 2
	126.4	SSS	Surface Damage Surface Spalling	1654	S 2
	128.1	DAE	Deposits Attached Encrustation	1714	M 2
	132.1	DAE	Deposits Attached Encrustation	1792	M 2
	135.3	MWLS(F01)	Miscellaneous Water Level Sag	1833	S 3
	136.0	DAE	Deposits Attached Encrustation	1877	M 2
	149.5	CL	Crack Longitudinal	1988	S 2
	149.5	ISB	Infiltration Stain Barrel	1996	M 1
	152.4	CM	Crack Multiple	2118	S 3
	152.4	ISB	Infiltration Stain Barrel	2131	M 1
	155.5	DAE	Deposits Attached Encrustation	2194	M 2
	161.4	FM	Fracture Multiple	2267	S 4
	164.4	B	Broken	2357	S 4
	164.4	IRJ	Infiltration Runner Joint	2379	M 4
	167.5	FM	Fracture Multiple	2459	S 4
	170.3	ISGT	Intruding Sealing Material Grout	2534	M 2
	175.0	AMH	Manhole	2682	NA
	M-505-070				



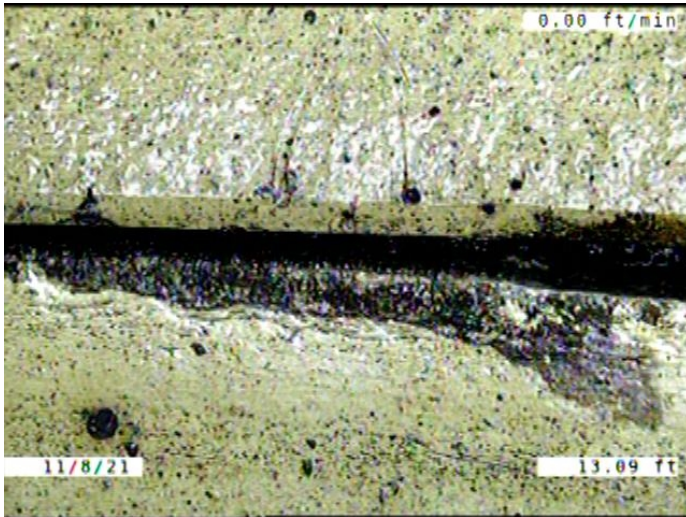
Code: **AMH**  
Description: **Manhole**

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-404-001**



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

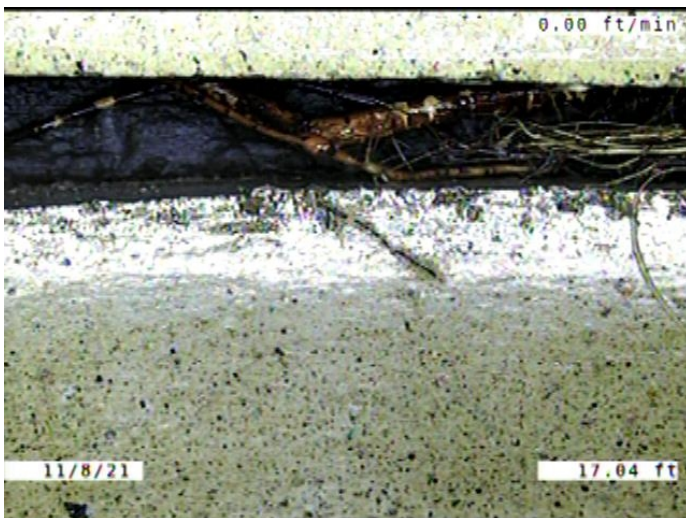
Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



Code: **ISJ**  
Description: **Infiltration Stain Joint**

Distance (ft): **13.1**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **2**  
Clock To: **3**  
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): **17.0**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **11**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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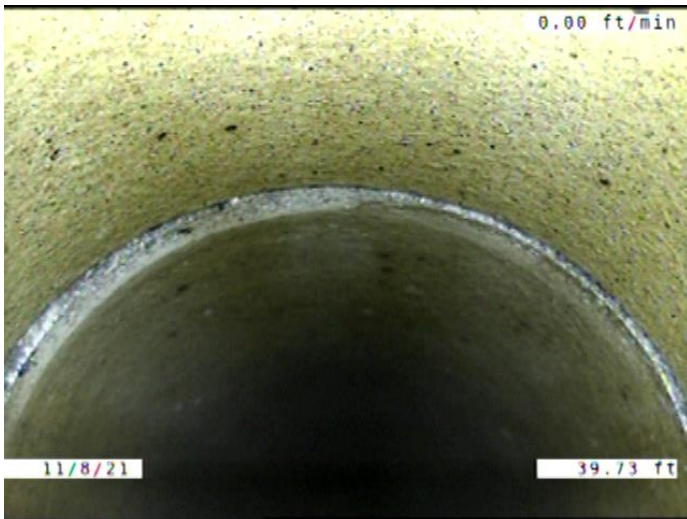




Code: **RFJ**  
Description: **Roots Fine Joint**

Distance (ft): **32.5**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **10**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

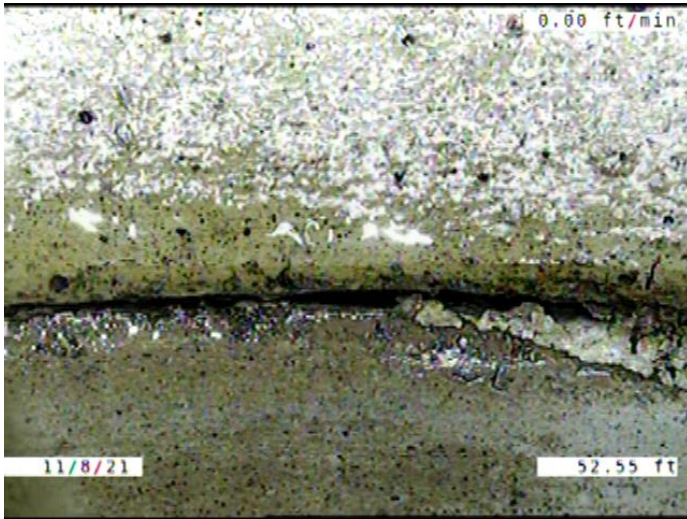
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **39.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **35.000**  
Continuous Index: **S01**  
Within 8" of Joint: **NO**  
Remarks:

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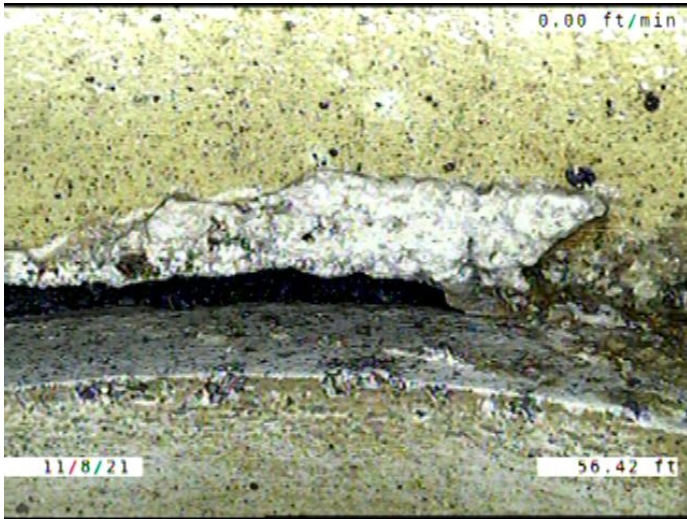
Code: **IDJ**  
 Description: **Infiltration Dripper Joint**

Distance (ft): **52.6**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **11**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



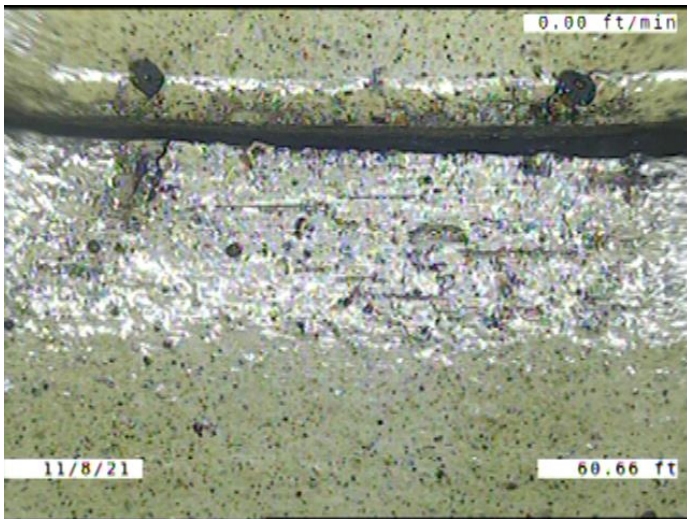
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **52.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **10**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

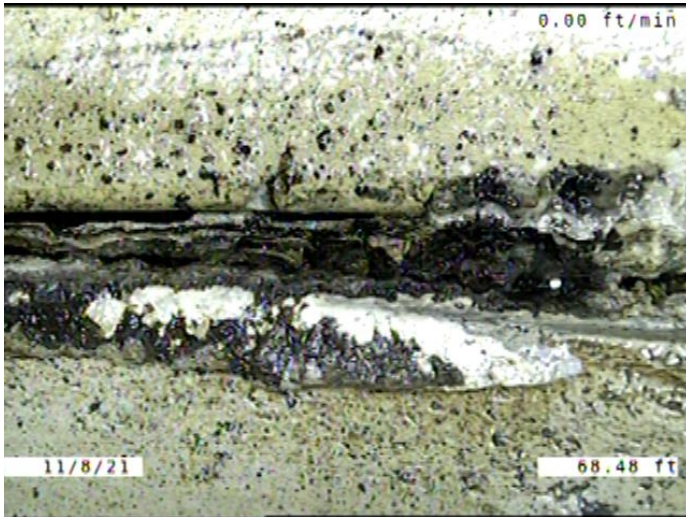
Distance (ft): **56.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:



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

Distance (ft): **60.7**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **Out at 61.7**

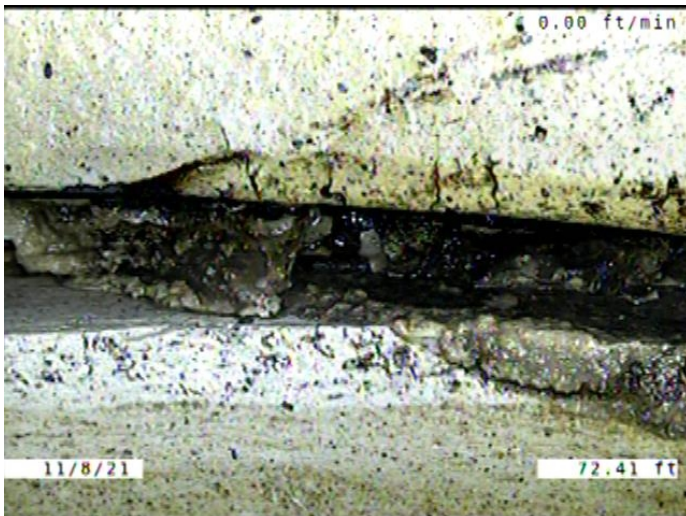




Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **68.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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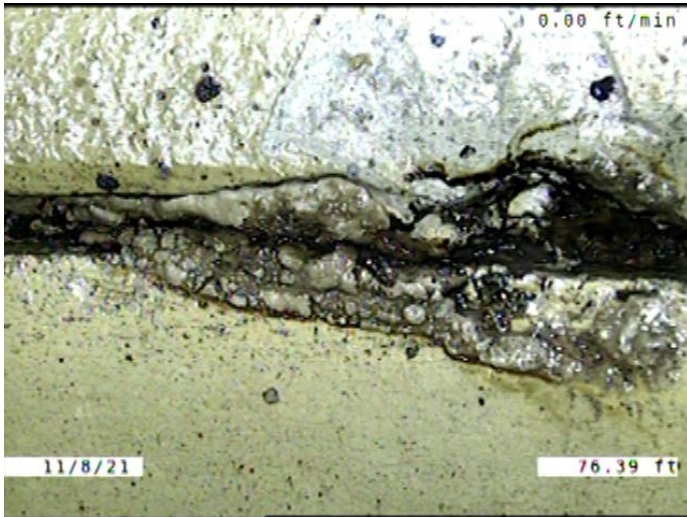


Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **72.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **2**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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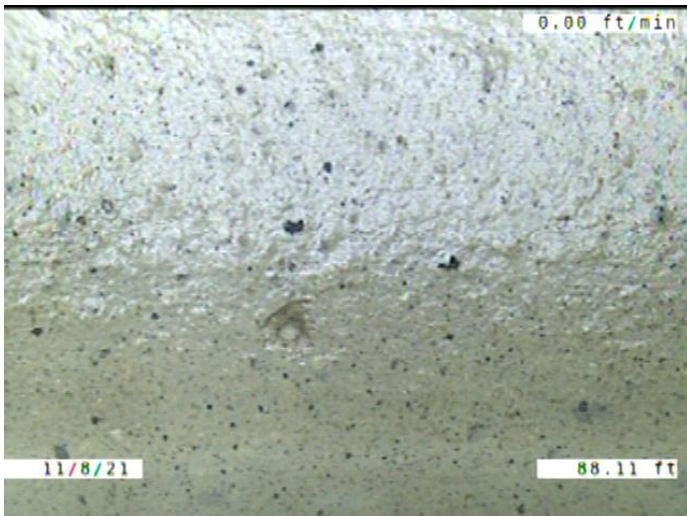




Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **76.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **2**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

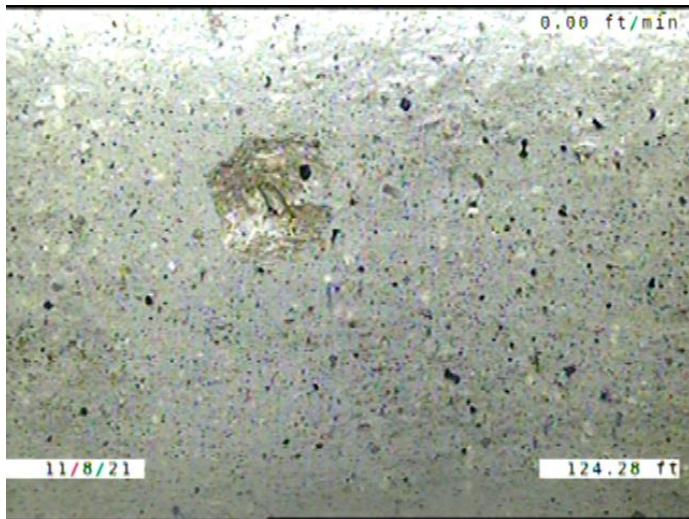
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Code: **MCU**  
Description: **Miscellaneous Camera Underwater**

Distance (ft): **88.1**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **Out at 89.4**

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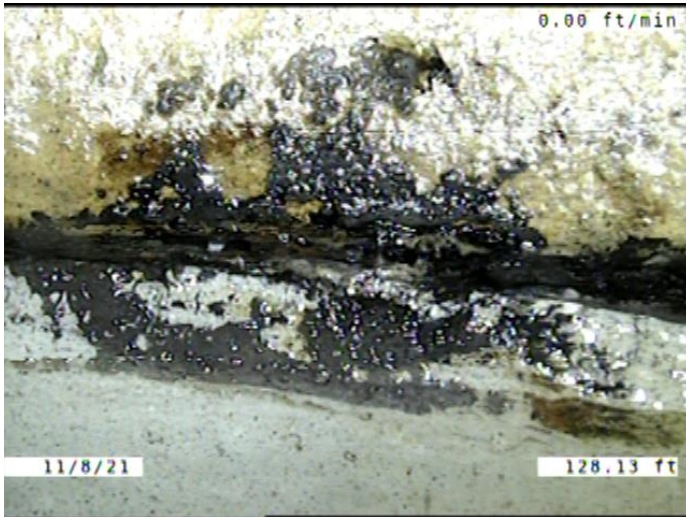
Code: **SSS**  
Description: **Surface Damage Surface Spalling**

Distance (ft): **124.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



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

Distance (ft): **126.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



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

Distance (ft): **128.1**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **10**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **132.1**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

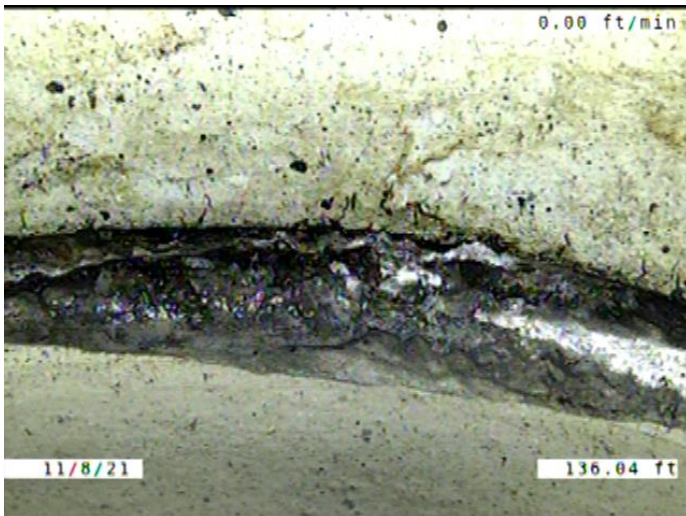
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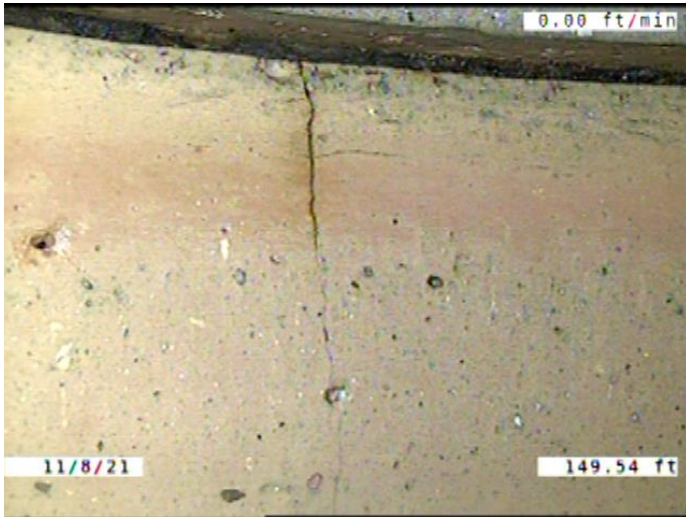
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **135.3**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **35.000**  
 Continuous Index: **F01**  
 Within 8" of Joint: **NO**  
 Remarks:



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

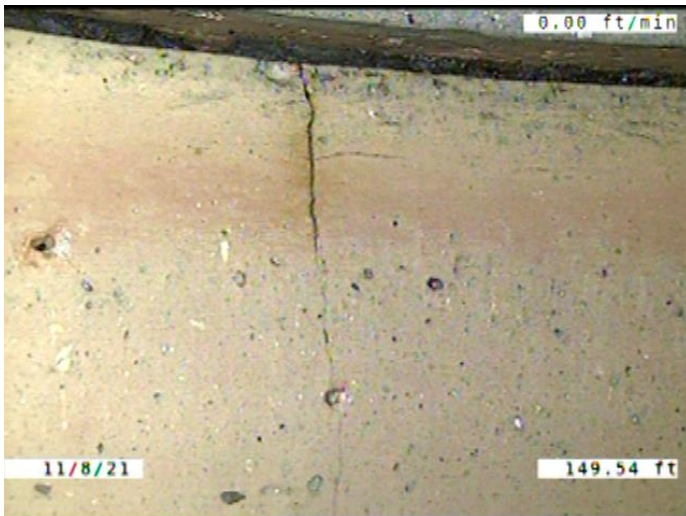
Distance (ft): **136.0**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **149.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

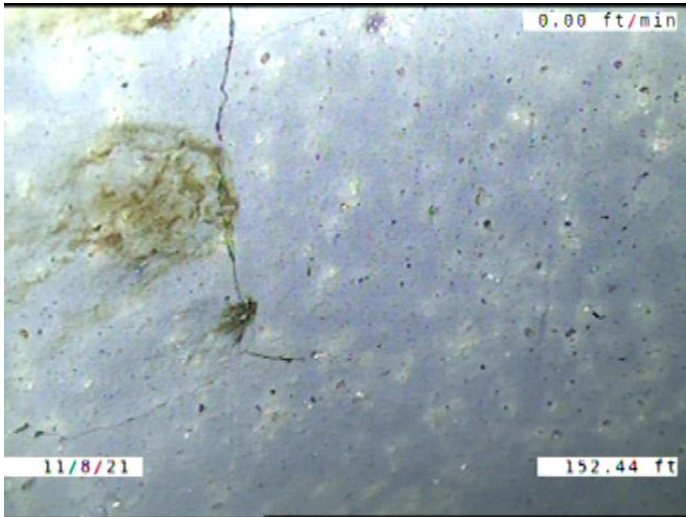
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Code: **ISB**  
Description: **Infiltration Stain Barrel**

Distance (ft): **149.5**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

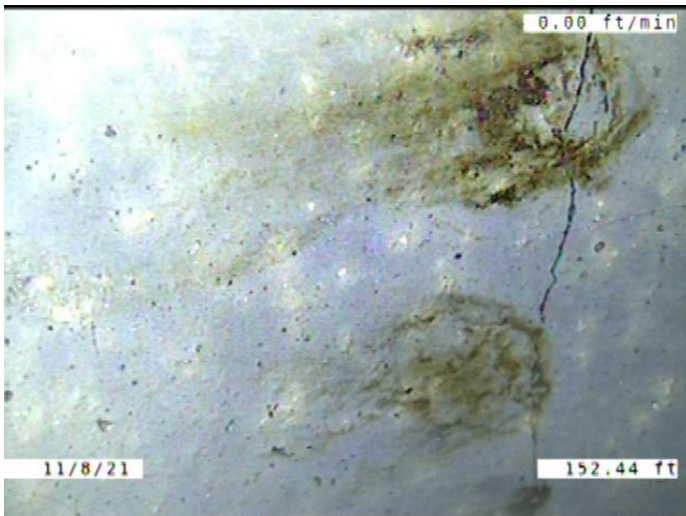
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Code: **CM**  
Description: **Crack Multiple**

Distance (ft): **152.4**  
Structural Grade: **3**  
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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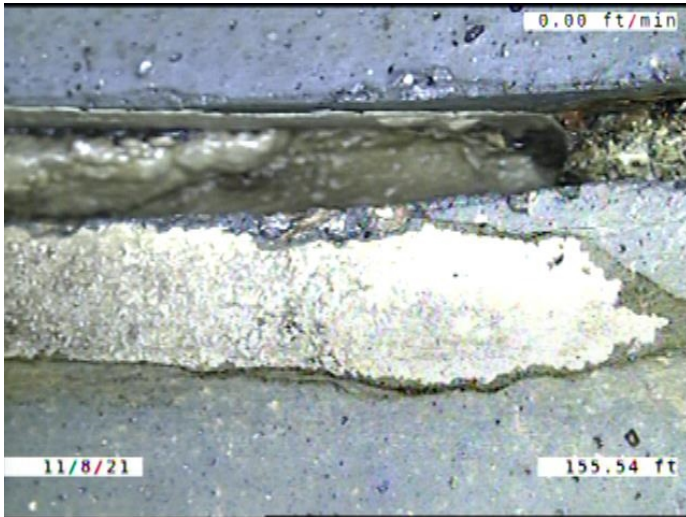


Code: **ISB**  
Description: **Infiltration Stain Barrel**

Distance (ft): **152.4**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

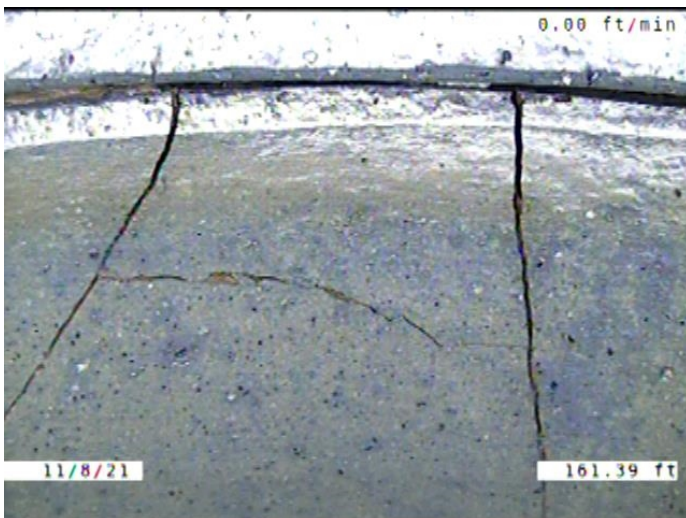
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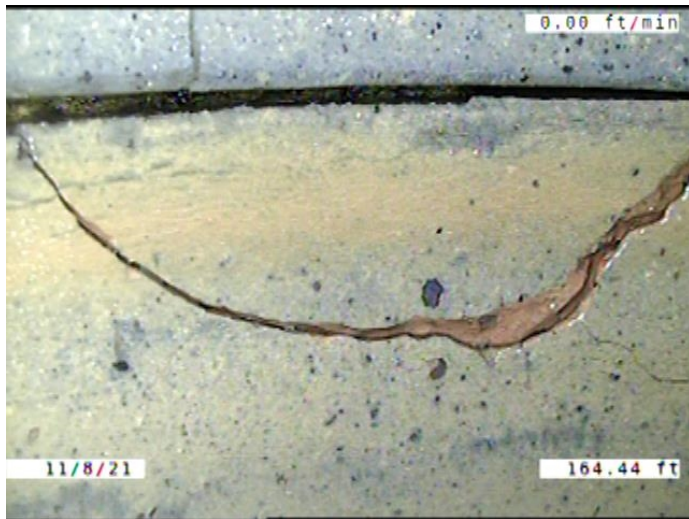
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **155.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

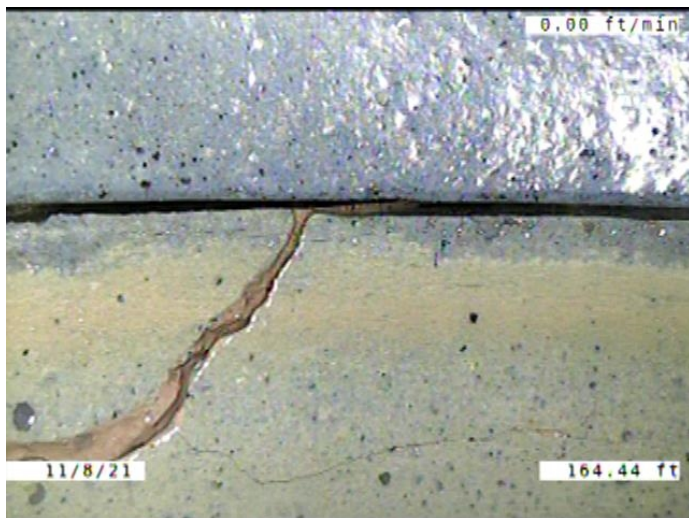
Distance (ft): **161.4**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **164.4**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

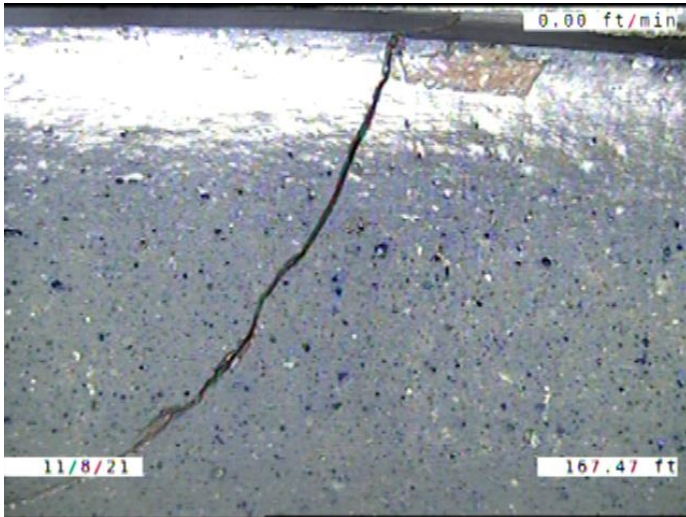
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Code: **IRJ**  
Description: **Infiltration Runner Joint**

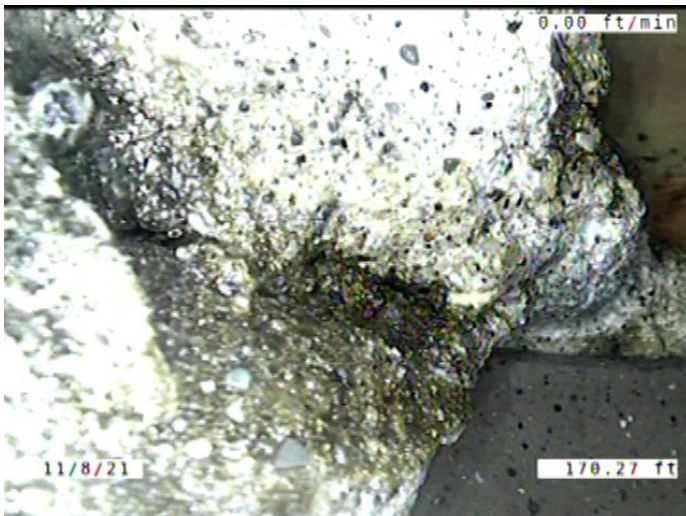
Distance (ft): **164.4**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **11**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

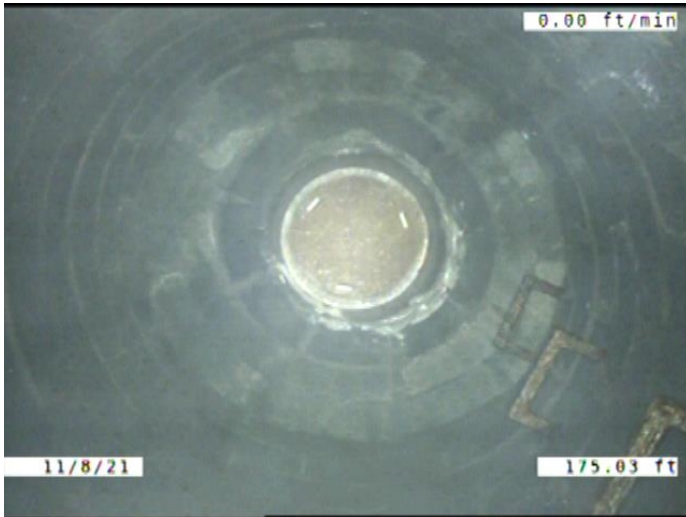
Distance (ft): **167.5**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **9**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **ISGT**  
 Description: **Intruding Sealing Material Grout**

Distance (ft): **170.3**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **3**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:





Code:	AMH
Description:	Manhole
Distance (ft):	175.0
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-505-070