

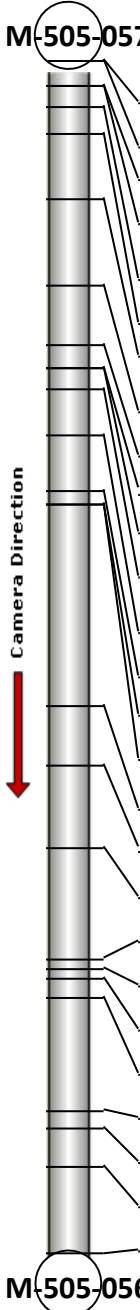
## Profile/Photo Observation Report

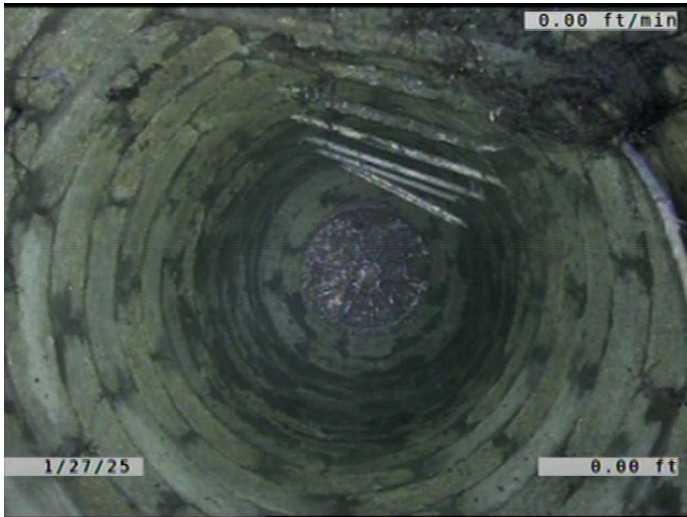


Date:	<b>01/27/2025</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>169.0</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-505-057-056</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>12/27/2024</b>	Shape:	<b>C</b>

Street:	<b>South Colorado 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>Sewer System Evaluation Survey (SS</b>	Dia/Height:	<b>18"</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-505-057</b>	DS MH:	<b>M-505-056</b>
		Total Length Surveyed (ft):	<b>165.2</b>

O&M Index:	<b>1.95</b>	O&M Quick:	<b>332A</b>	O&M Rating:	<b>37.00</b>
Structural Index:	<b>2.40</b>	Structural Quick:	<b>4131</b>	Structural Rating:	<b>12.00</b>
Overall Index:	<b>2.04</b>	Overall Quick:	<b>4134</b>	Overall Rating:	<b>49.00</b>

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	74	NA
	5.1	FM	Fracture Multiple	140	S 4
	5.1	DAE	Deposits Attached Encrustation	164	M 2
	6.3	TFD	Tap Factory Defective	202	M 3
	10.2	DAE	Deposits Attached Encrustation	276	M 2
	20.8	CS	Crack Spiral	346	S 2
	31.0	DAE	Deposits Attached Encrustation	433	M 2
	39.5	SSC	Surface Spalling of Damage Coating	482	S 1
	44.1	CL	Crack Longitudinal	522	S 2
	44.1	RFJ	Roots Fine Joint	569	M 1
	47.2	RTJ	Roots Tap Joint	646	M 2
	51.9	RFJ(S01)	Roots Fine Joint	725	M 1
	59.6	RTJ	Roots Tap Joint	789	M 2
	62.2	DAE	Deposits Attached Encrustation	864	M 2
	62.2	RFJ(F01)	Roots Fine Joint	875	M 1
	89.4	TFD	Tap Factory Defective	995	M 3
	98.5	DAE	Deposits Attached Encrustation	1073	M 2
	109.0	DAE	Deposits Attached Encrustation	1146	M 2
	124.6	RFJ	Roots Fine Joint	1239	M 1
	125.8	TFD	Tap Factory Defective	1304	M 3
	127.2	IWJ	Infiltration Weeper Joint	1360	M 2
	129.7	RTJ	Roots Tap Joint	1415	M 2
	145.5	RTJ	Roots Tap Joint	1518	M 2
	148.0	RTJ	Roots Tap Joint	1577	M 2
	153.2	JAM	Joint Angular Medium	1642	S 3
	165.2	AMH	Manhole	1777	NA



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-505-057**

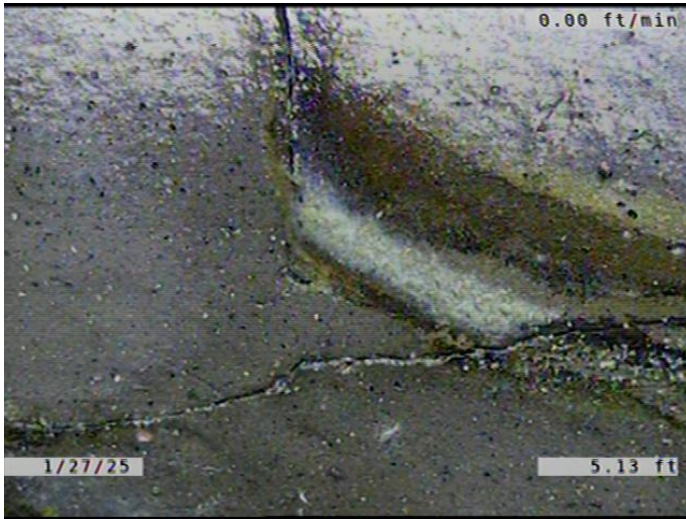
---



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: **15.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

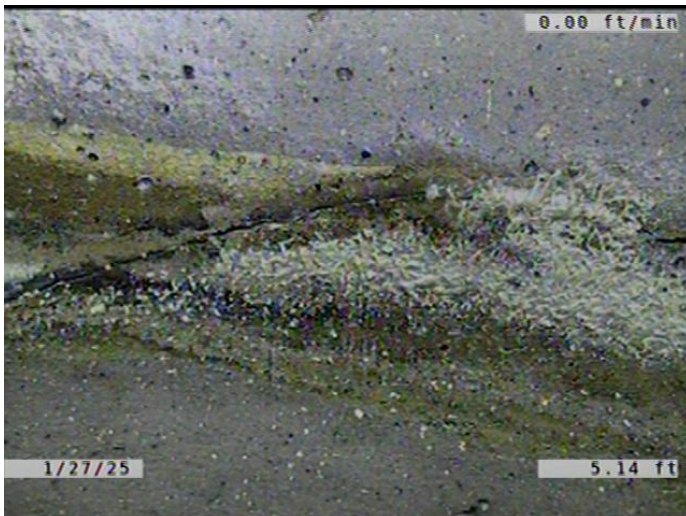
---



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

Distance (ft): **5.1**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

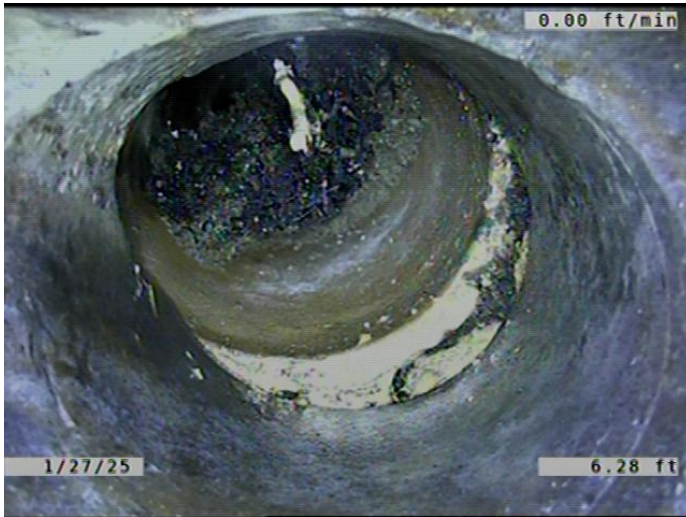
---



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

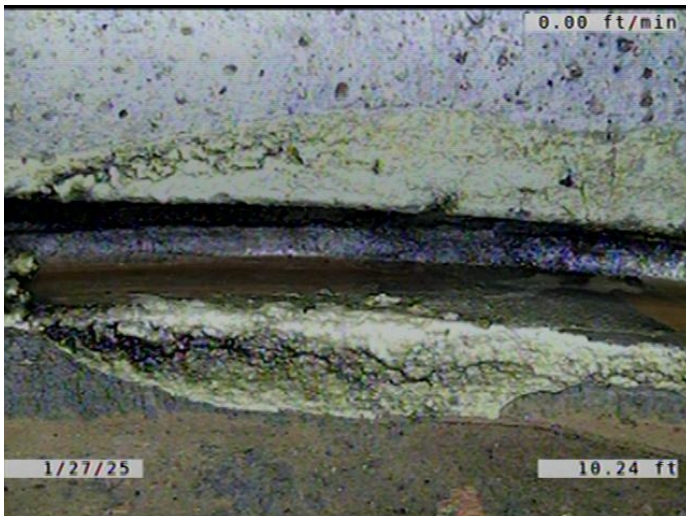
Distance (ft): **5.1**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



Code:	<b>TFD</b>
Description:	<b>Tap Factory Defective</b>
Distance (ft):	<b>6.3</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</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>SERVICE OFFSET. ROOTS GROWING FROM THE SERVICE. 95% PLUGGED</b>

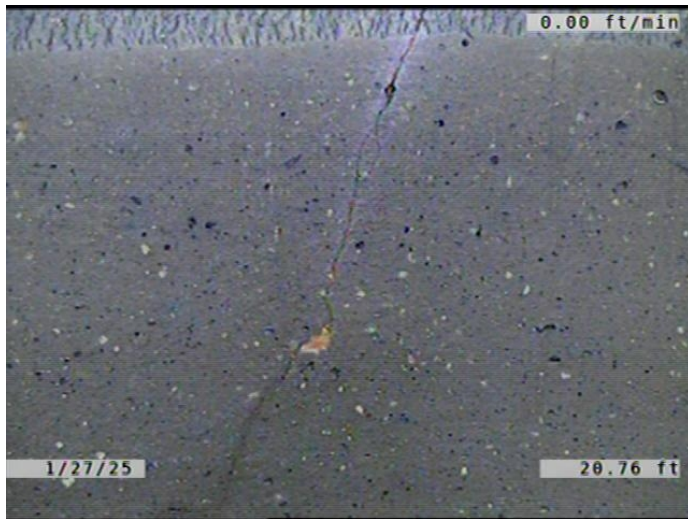
---



Code:	<b>DAE</b>
Description:	<b>Deposits Attached Encrustation</b>
Distance (ft):	<b>10.2</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>12</b>
Clock To:	<b>4</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

---

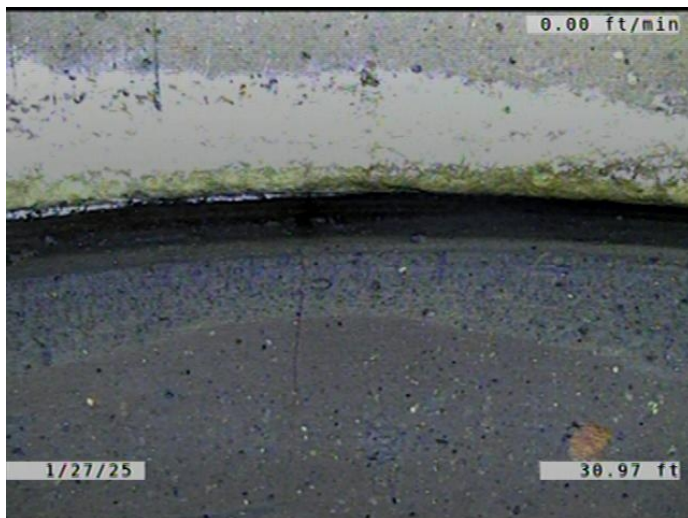




Code: **CS**  
Description: **Crack Spiral**

Distance (ft): **20.8**  
Structural Grade: **2**  
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:

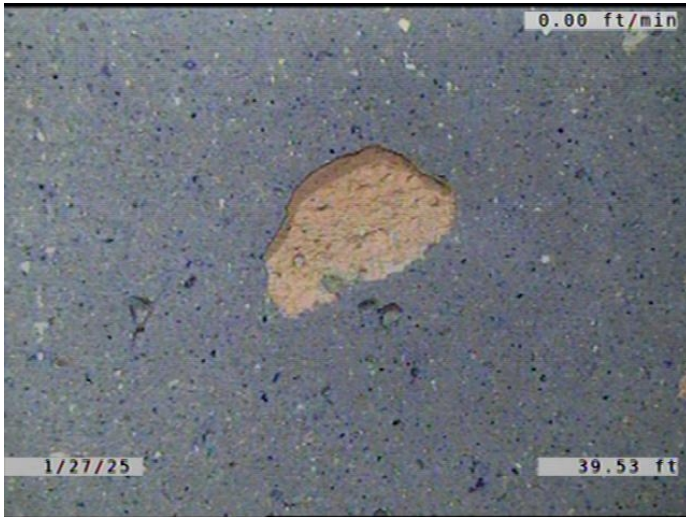
---



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

Distance (ft): **31.0**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

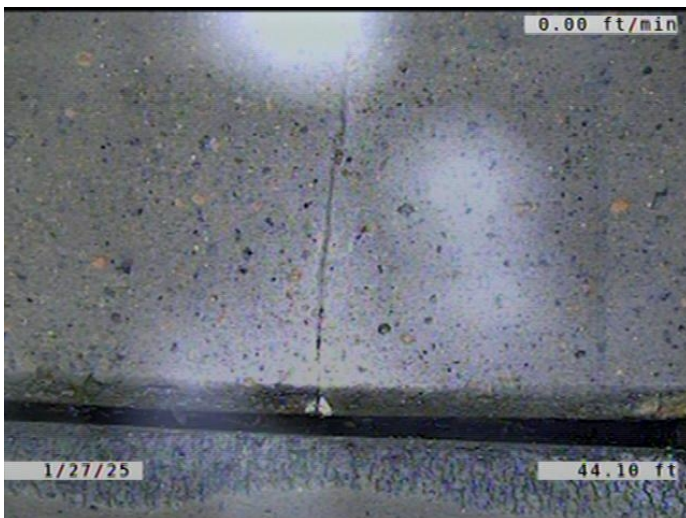
---



Code: **SSC**  
Description: **Surface Spalling of Damage Coating**

Distance (ft): **39.5**  
Structural Grade: **1**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

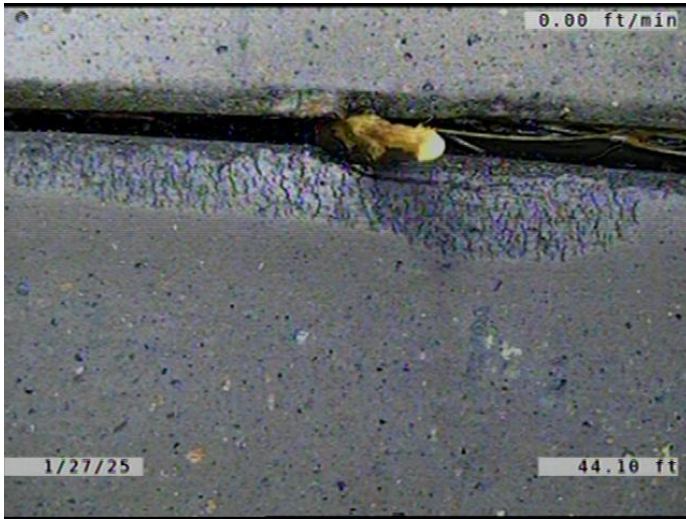
---



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

Distance (ft): **44.1**  
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): **44.1**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **10**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **47.2**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **25.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

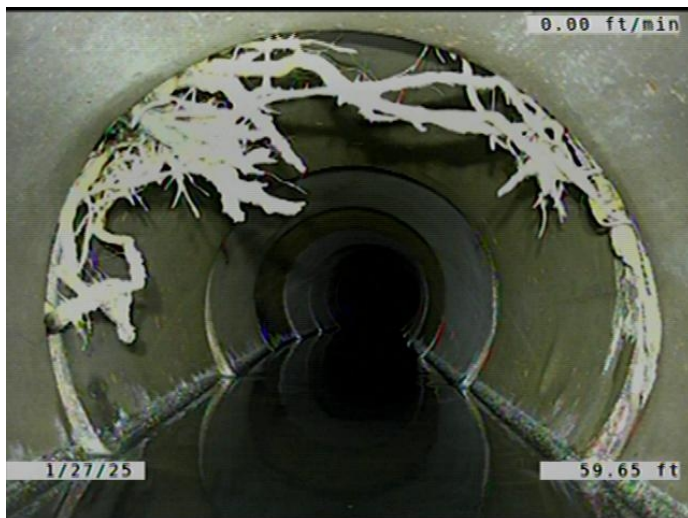




Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **51.9**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S01**  
 Within 8" of Joint: **YES**  
 Remarks:

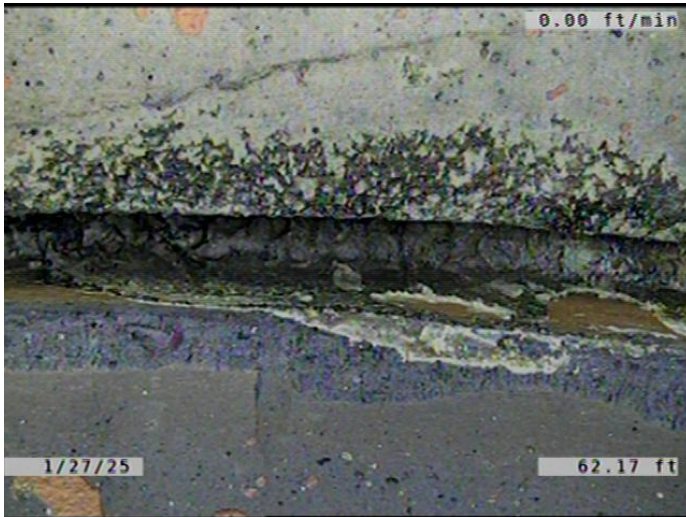
---



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

Distance (ft): **59.6**  
 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: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **62.2**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **12**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

---



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

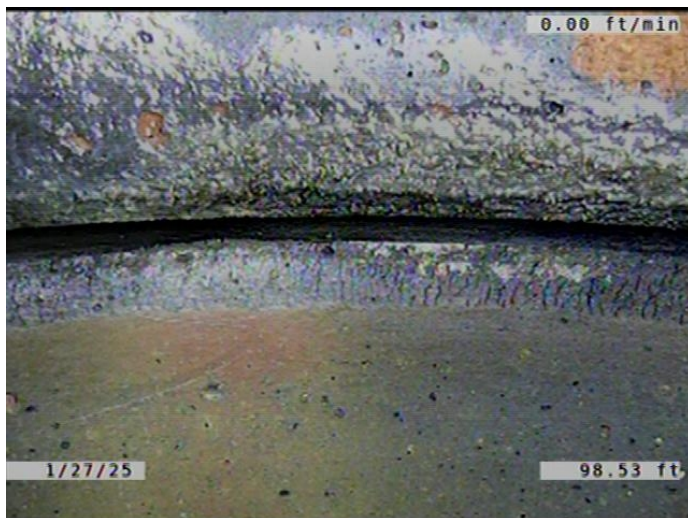
Distance (ft): **62.2**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F01**  
 Within 8" of Joint: **YES**  
 Remarks:

---



Code:	<b>TFD</b>
Description:	<b>Tap Factory Defective</b>
Distance (ft):	<b>89.4</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</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>SERVICE OFFSET. SOIL VISIBLE. ENCrustation COMING DOWN THE</b>

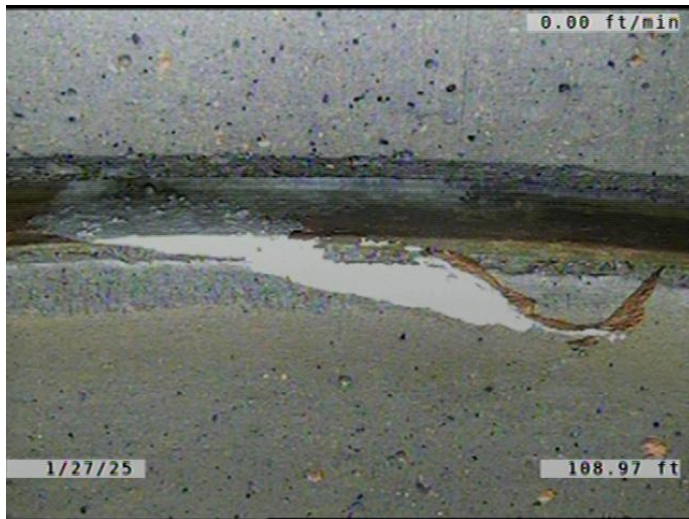
---



Code:	<b>DAE</b>
Description:	<b>Deposits Attached Encrustation</b>
Distance (ft):	<b>98.5</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>8</b>
Clock To:	<b>10</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

---





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

Distance (ft): **109.0**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

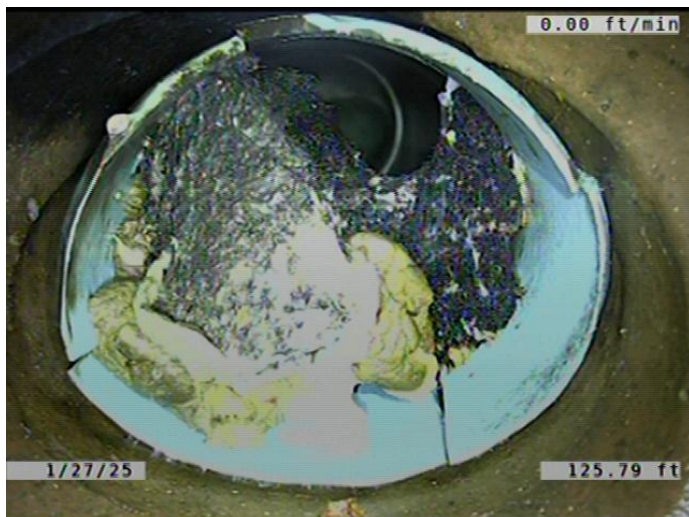


Code: **RFJ**  
Description: **Roots Fine Joint**

Distance (ft): **124.6**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

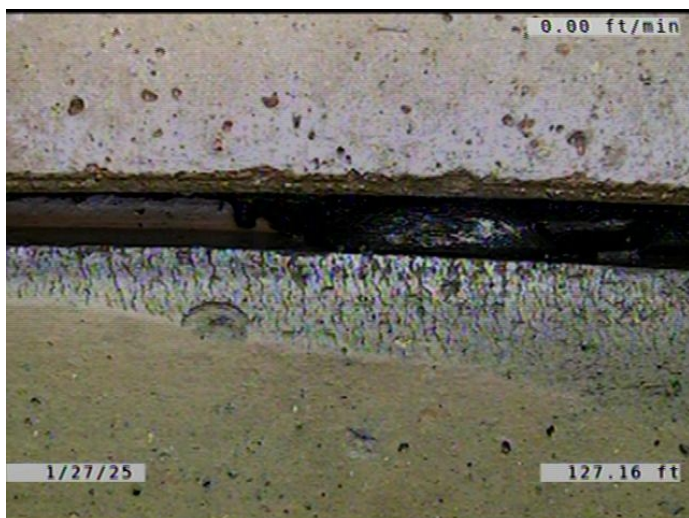




Code: **TFD**  
 Description: **Tap Factory Defective**

Distance (ft): **125.8**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **PVC SERVICE. TAPBROKEN. ROOTS GROWING IN THE SERVICE INTO THE**

---



Code: **IWJ**  
 Description: **Infiltration Weeper Joint**

Distance (ft): **127.2**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **12**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

---



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

Distance (ft): **129.7**  
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:

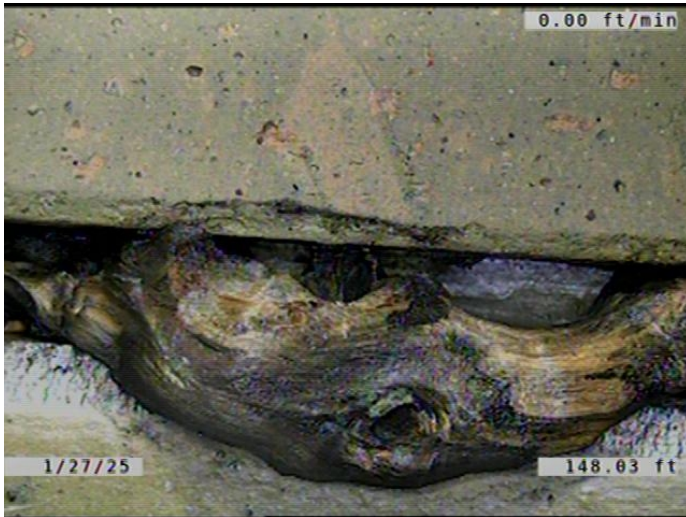
---



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

Distance (ft): **145.5**  
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:

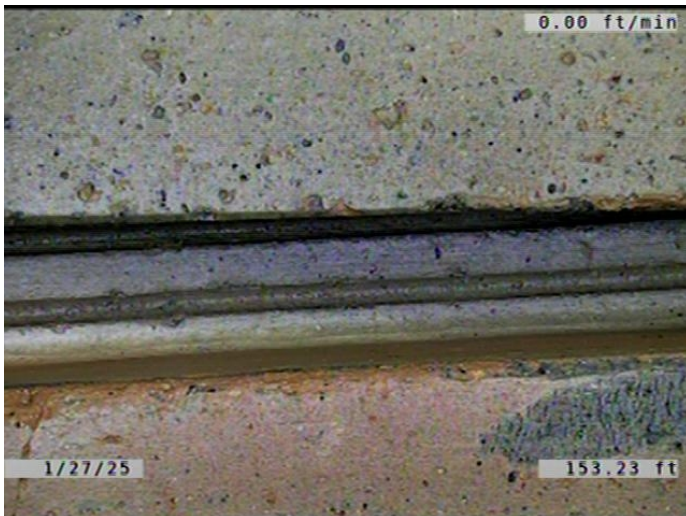
---



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

Distance (ft): **148.0**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **11**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **40.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

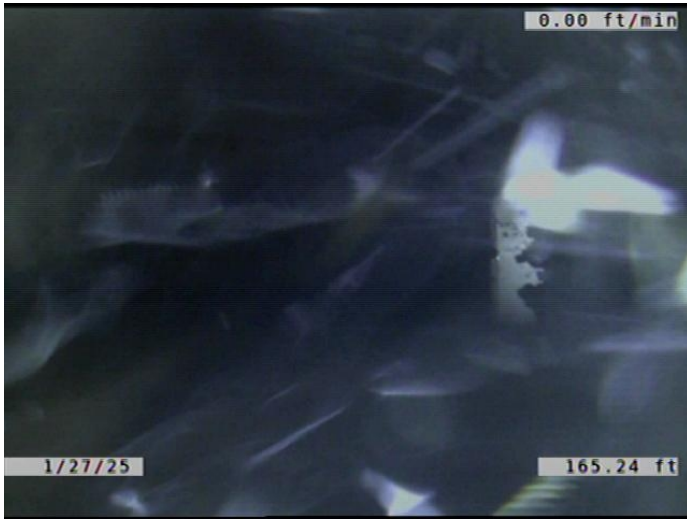
---



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

Distance (ft): **153.2**  
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:	AMH
Description:	Manhole
Distance (ft):	165.2
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	M-505-056