

## Profile/Photo Observation Report




Date:	<b>10/21/2021</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>194.0</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-503-020-019</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>09/05/2021</b>	Shape:	<b>C</b>

Street:	<b>West 39th Avenue</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>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>Upstream</b>
US MH:	<b>M-503-019</b>	DS MH:	<b>M-503-020</b>
		Total Length Surveyed (ft):	<b>69.8</b>

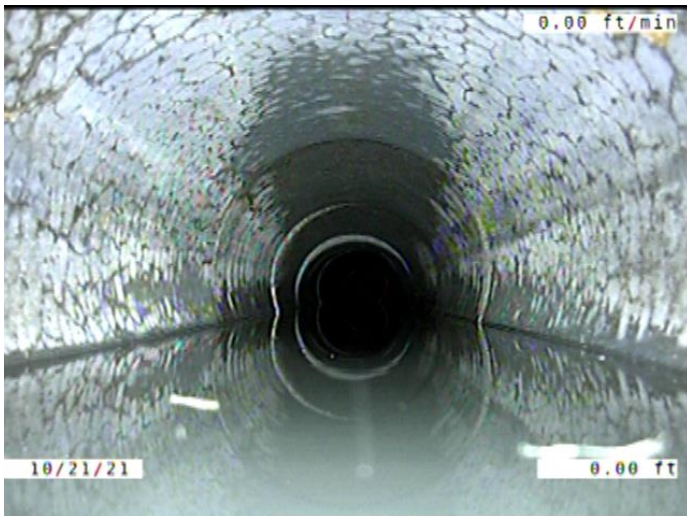
O&M Index:	<b>2.46</b>	O&M Quick:	<b>3921</b>	O&M Rating:	<b>32.00</b>
Structural Index:	<b>3.11</b>	Structural Quick:	<b>5633</b>	Structural Rating:	<b>59.00</b>
Overall Index:	<b>2.84</b>	Overall Quick:	<b>563A</b>	Overall Rating:	<b>91.00</b>

	Position	Code	Observation	Video (sec)	Grade
<b>M-503-020</b>					
 Camera Direction	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	64	NA
	1.0	BVV	Broken Void Visible	120	S 5
	1.0	CM(S01)	Crack Multiple	133	S 3
	10.5	BVV	Broken Void Visible	277	S 5
	12.5	SMW	Surface Damage Missing Wall	313	S 5
	12.5	CM(F01)	Crack Multiple	315	S 3
	14.7	HSV	Hole Soil Visible	349	S 5
	22.4	SSS(S02)	Surface Damage Surface Spalling	417	S 2
	26.0	TFD	Tap Factory Defective	452	M 3
	26.8	RFJ	Roots Fine Joint	480	M 1
	28.3	TF	Tap Factory	508	NA
	30.3	BSV	Broken Soil Visible	569	S 5
	30.3	IDB	Infiltration Dripper Barrel	592	M 3
	30.6	TBI	Tap Break-in Intruding	609	M 2
	36.9	BSV	Broken Soil Visible	666	S 5
	38.7	SSS	Surface Damage Surface Spalling	693	S 2
	40.7	RFJ	Roots Fine Joint	718	M 1
	44.8	RMJ	Roots Medium Joint	749	M 3
	46.9	RMJ	Roots Medium Joint	776	M 3
	49.0	RMJ	Roots Medium Joint	807	M 3
	50.9	RMJ	Roots Medium Joint	842	M 3
	53.1	RFJ	Roots Fine Joint	875	M 1
	56.8	RMJ	Roots Medium Joint	910	M 3
	58.5	TFC	Tap Factory Capped	938	NA
	58.9	JOM	Joint Offset Medium	961	S 3
	60.7	TFC	Tap Factory Capped	984	NA
	61.2	RMJ(S03)	Roots Medium Joint	1013	M 3
	69.7	SSS(F02)	Surface Damage Surface Spalling	1083	S 2
	69.7	RMJ(F03)	Roots Medium Joint	1091	M 3
	69.8	MSA	Miscellaneous Survey Abandoned	1103	NA
<b>M-503-019</b>					



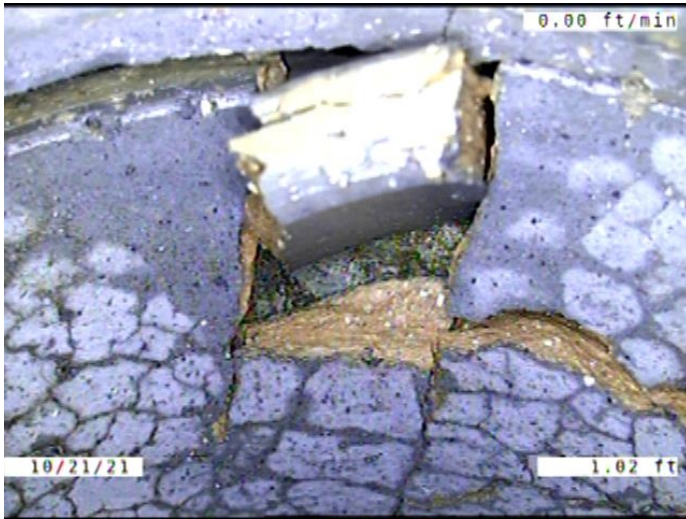
Code: **AMH**  
 Description: **Manhole**

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-503-020**



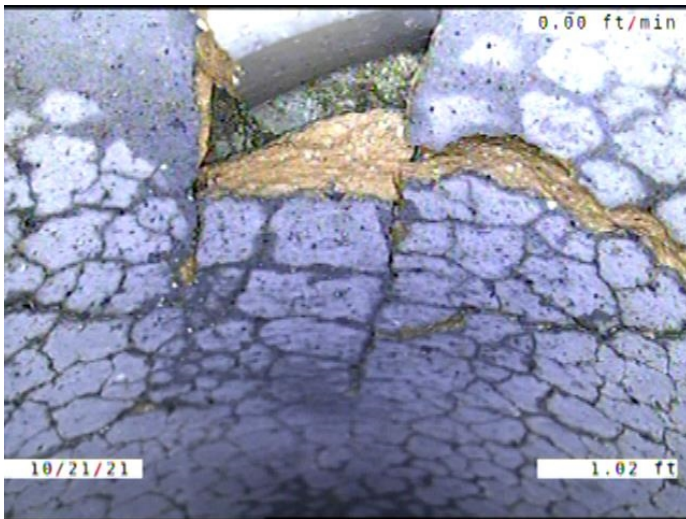
Code: **MWL**  
 Description: **Miscellaneous Water Level**

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:



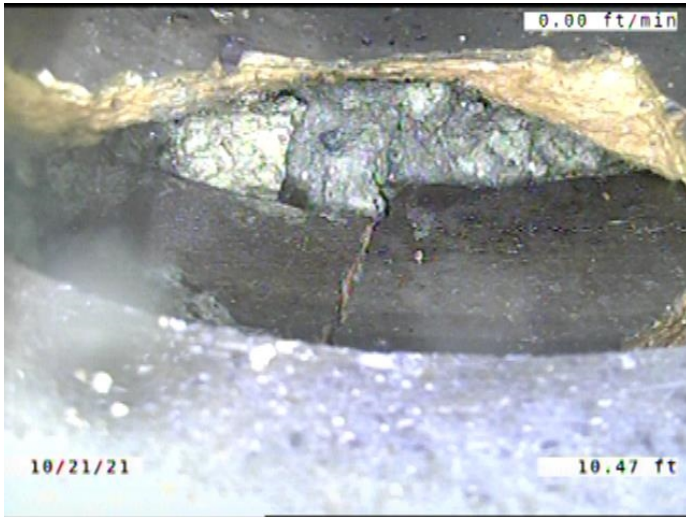
Code: **BVV**  
 Description: **Broken Void Visible**

Distance (ft): **1.0**  
 Structural Grade: **5**  
 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: **CM**  
 Description: **Crack Multiple**

Distance (ft): **1.0**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S01**  
 Within 8" of Joint: **YES**  
 Remarks:



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

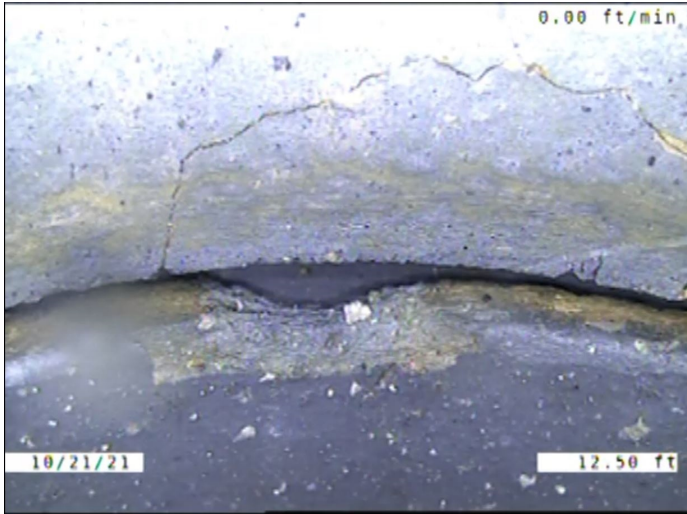
Distance (ft): **10.5**  
Structural Grade: **5**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **SOIL VISIBLE**

---

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

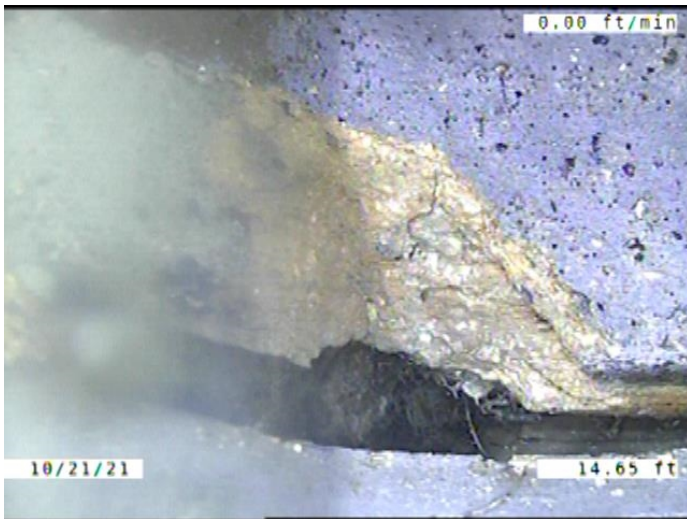
Distance (ft): **12.5**  
Structural Grade: **5**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **12.5**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F01**  
 Within 8" of Joint: **YES**  
 Remarks:



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

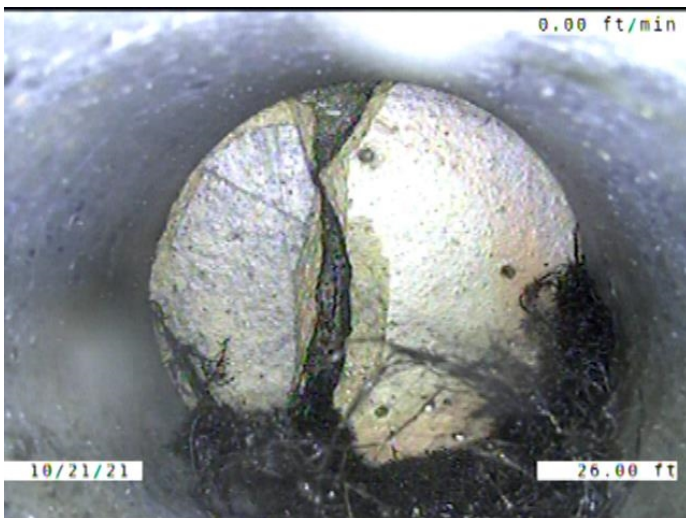
Distance (ft): **14.7**  
 Structural Grade: **5**  
 O&M Grade: **0**  
 Clock Start/From: **4**  
 Clock To: **6**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **THE INSIDE OF THE JOINT HAS CHIPPED OFF**



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

Distance (ft): **22.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks:

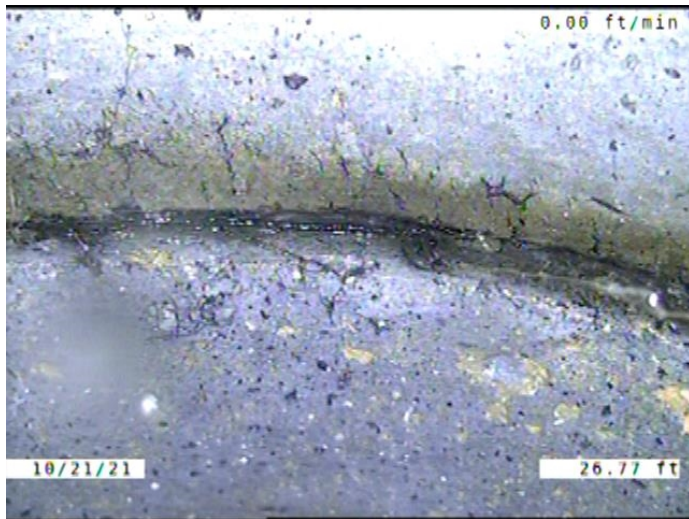
---



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

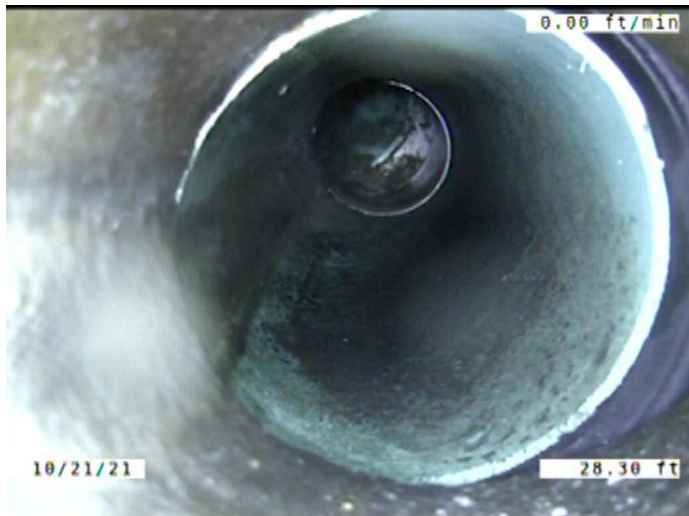
Distance (ft): **26.0**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **1**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CAP BROKEN. ROOTS GROWING AROUND THE CAP. SOIL VISIBLE**

---



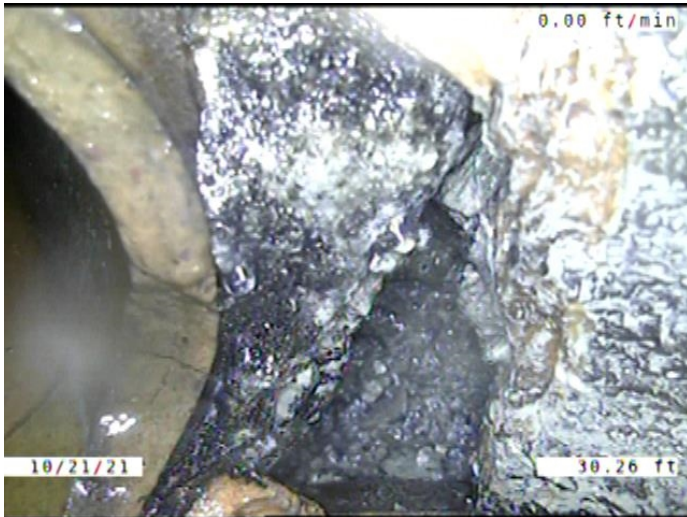
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **26.8**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **12**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



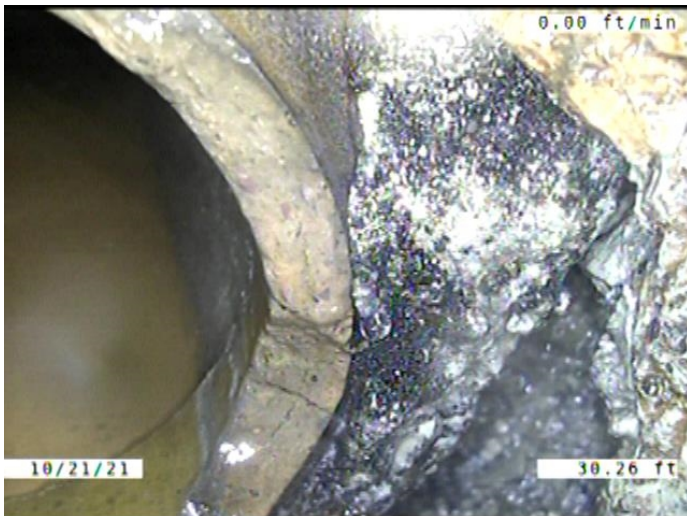
Code: **TF**  
 Description: **Tap Factory**

Distance (ft): **28.3**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **CONSTANTLY RUNNING WATER**



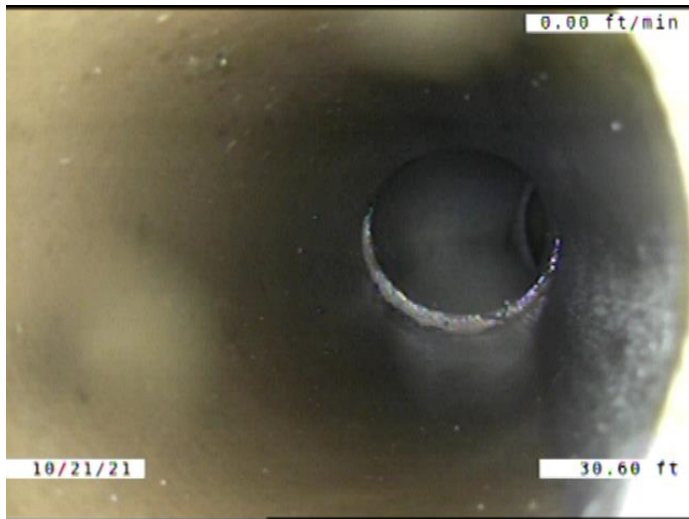
Code: **BSV**  
 Description: **Broken Soil Visible**

Distance (ft): **30.3**  
 Structural Grade: **5**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



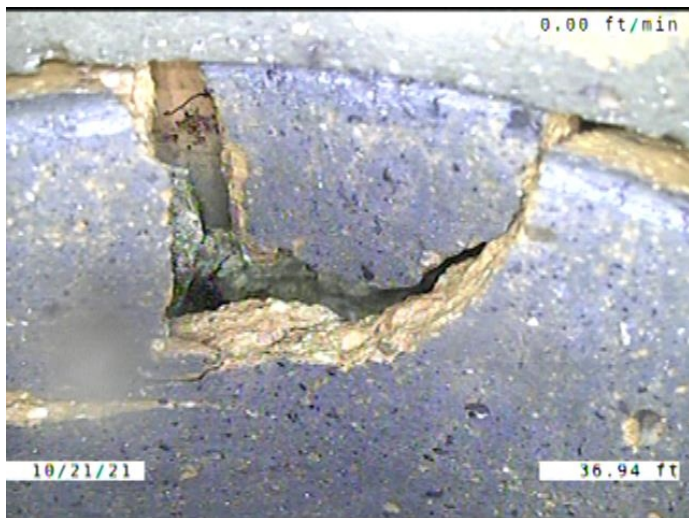
Code: **IDB**  
 Description: **Infiltration Dripper Barrel**

Distance (ft): **30.3**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **11**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **30.6**  
 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:



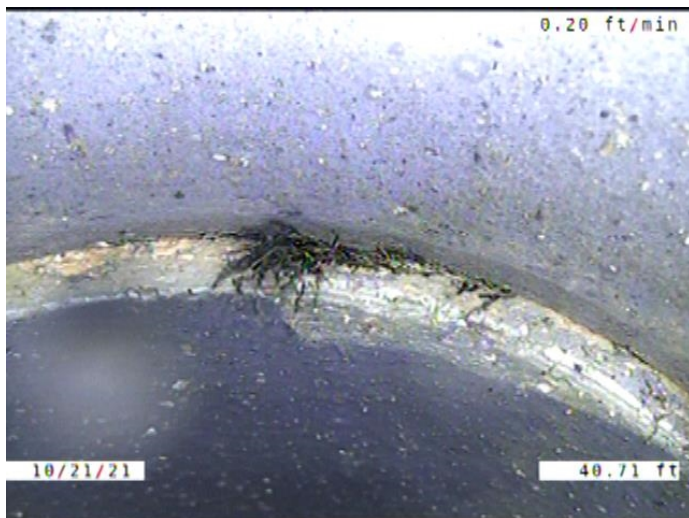
Code: **BSV**  
 Description: **Broken Soil Visible**

Distance (ft): **36.9**  
 Structural Grade: **5**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **PIECE IS PUSHED BACK AND SOIL VISIBLE**



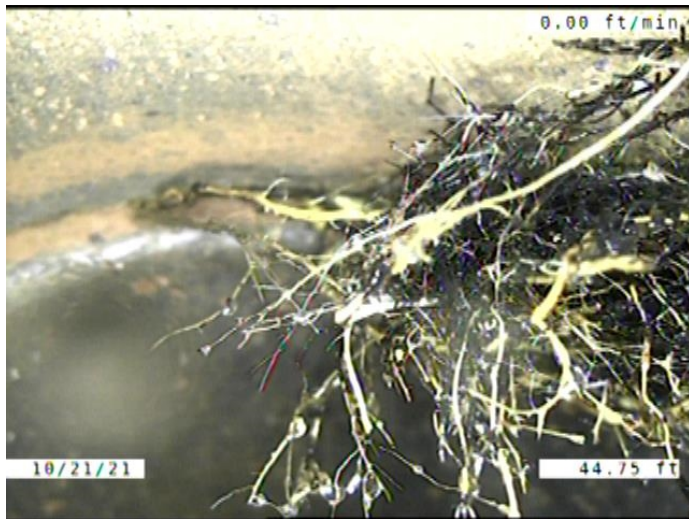
Code:	<b>SSS</b>
Description:	<b>Surface Damage Surface Spalling</b>
Distance (ft):	<b>38.7</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>2</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

---



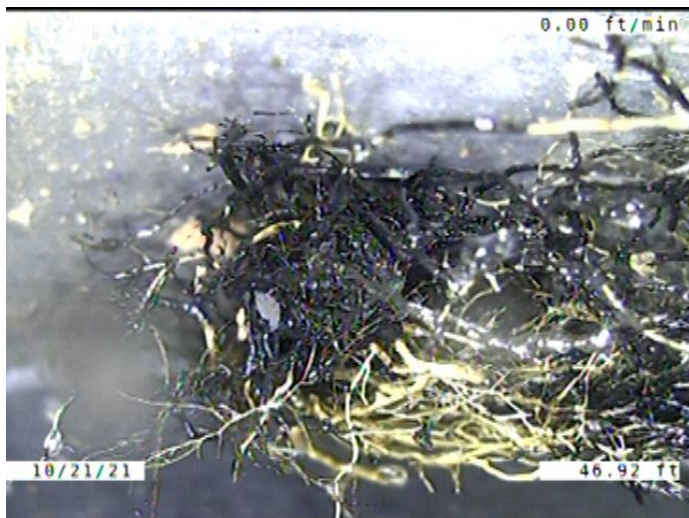
Code:	<b>RFJ</b>
Description:	<b>Roots Fine Joint</b>
Distance (ft):	<b>40.7</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>1</b>
Clock Start/From:	<b>2</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

---



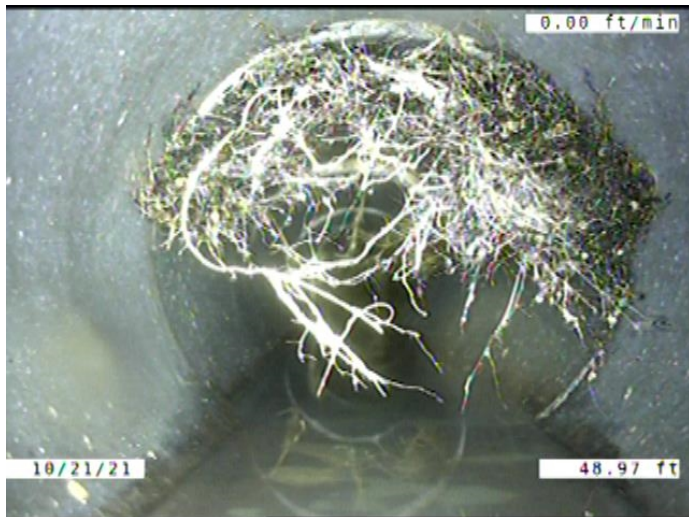
Code: **RMJ**  
 Description: **Roots Medium Joint**

Distance (ft): **44.8**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **2**  
 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**

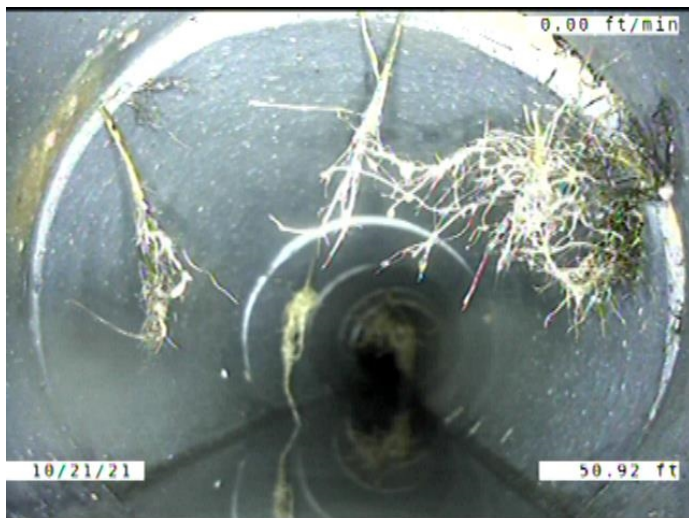
Distance (ft): **46.9**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **2**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **49.0**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **25.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

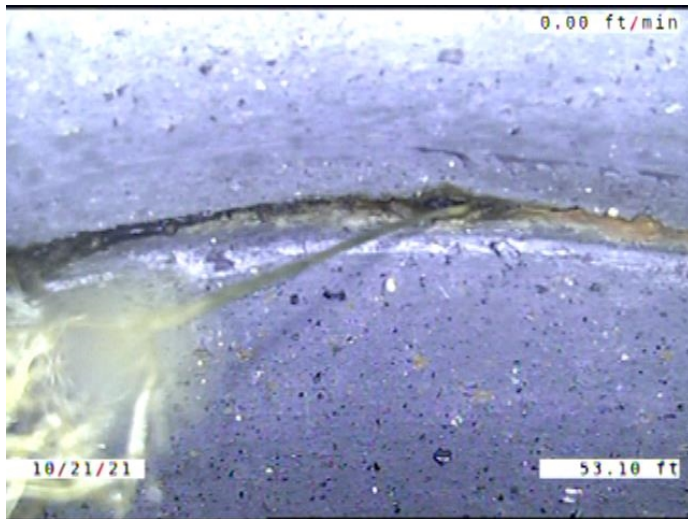
---



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

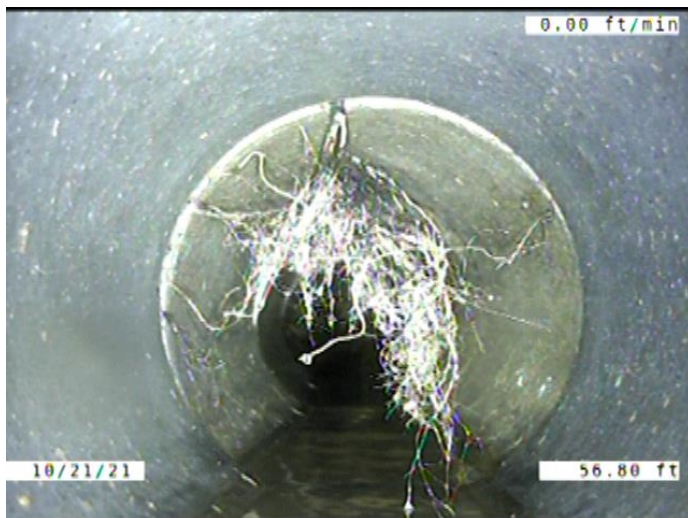
Distance (ft): **50.9**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **10**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

---



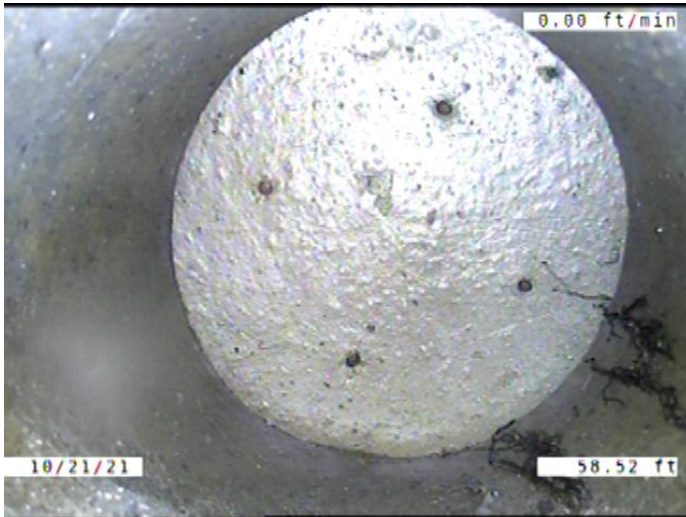
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **53.1**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



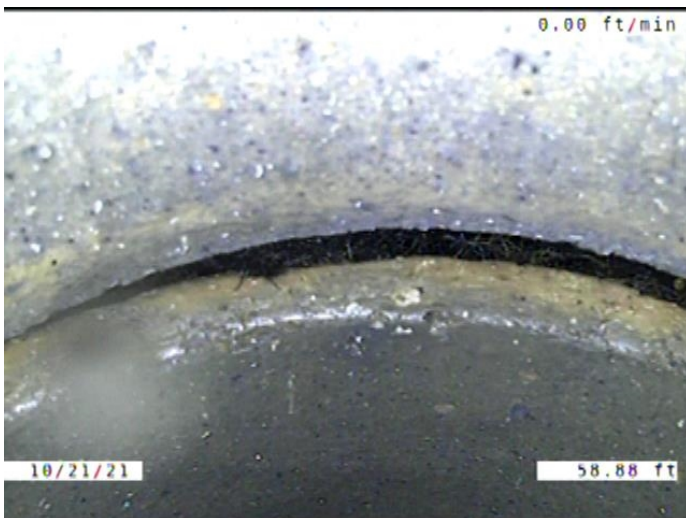
Code: **RMJ**  
 Description: **Roots Medium Joint**

Distance (ft): **56.8**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **9**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



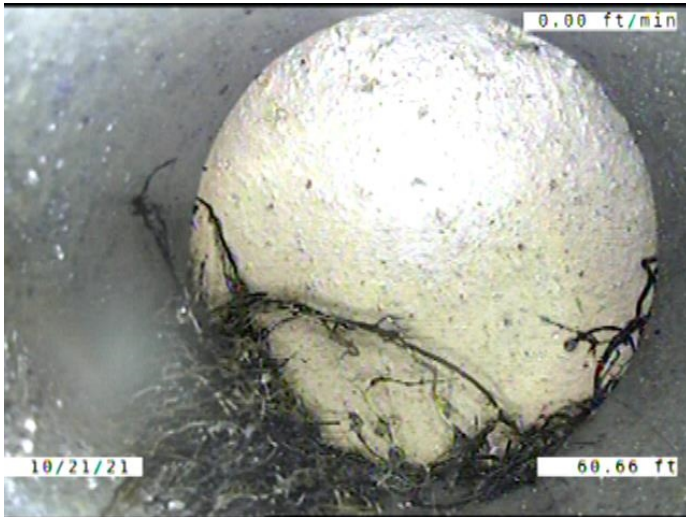
Code: **TFC**  
 Description: **Tap Factory Capped**

Distance (ft): **58.5**  
 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: **ROOTS GROWING AROUND THE CAP**

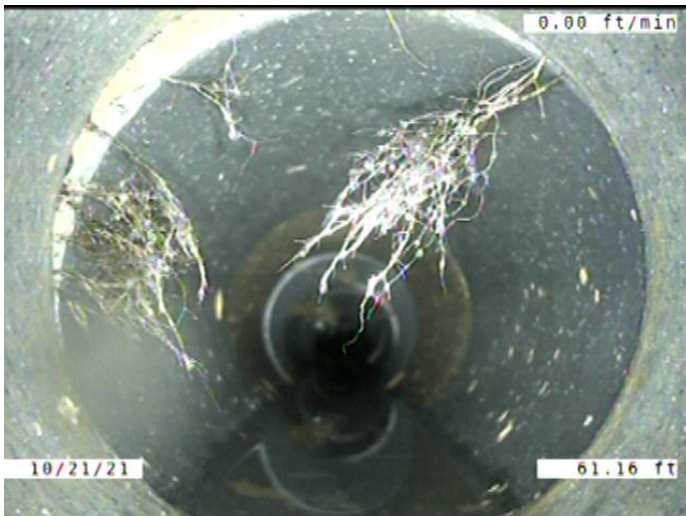


Code: **JOM**  
 Description: **Joint Offset Medium**

Distance (ft): **58.9**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code:	<b>TFC</b>
Description:	<b>Tap Factory Capped</b>
Distance (ft):	<b>60.7</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>11</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>ROOTS GROWING AROUND THE CAP</b>



Code:	<b>RMJ</b>
Description:	<b>Roots Medium Joint</b>
Distance (ft):	<b>61.2</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</b>
Clock Start/From:	<b>9</b>
Clock To:	<b>2</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	<b>S03</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	



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

Distance (ft): **69.7**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks:

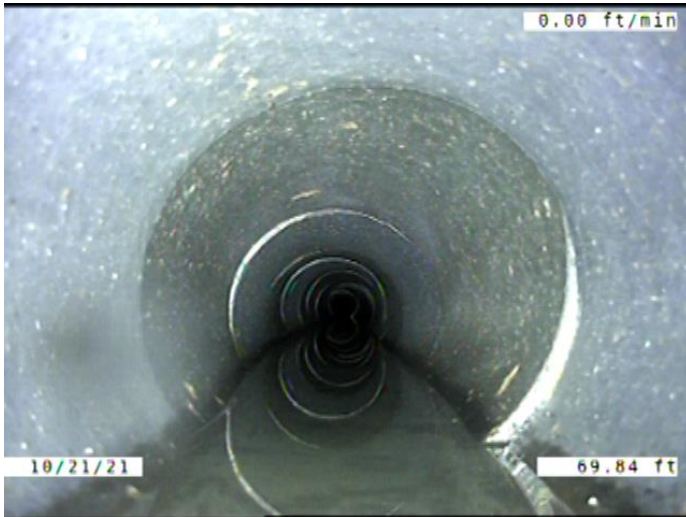
---



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

Distance (ft): **69.7**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **9**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F03**  
Within 8" of Joint: **YES**  
Remarks:

---



Code:	<b>MSA</b>
Description:	<b>Miscellaneous Survey Abandoned</b>
Distance (ft):	<b>69.8</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>MADE IT TO THE POINT OF OVERLAP. REVERSAL COMPLETE</b>