

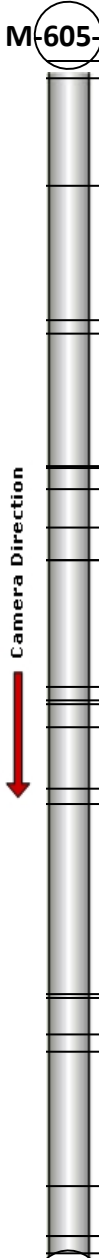
Profile/Photo Observation Report



Date:	08/09/2022	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	227.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-605-030-009
Customer:	City of Hobart	Clean Date:	07/29/2022	Shape:	C

Street:	South Connection 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:	18"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-605-009	DS MH:	M-605-030
		Total Length Surveyed (ft):	225.5

O&M Index:	2.00	O&M Quick:	352H	O&M Rating:	110.00
Structural Index:	3.89	Structural Quick:	4E32	Structural Rating:	136.00
Overall Index:	2.73	Overall Quick:	4E37	Overall Rating:	246.00

	Position	Code	Observation	Video (sec)	Grade
 <p>Camera Direction</p>	M-605-009				
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	57	NA
	.0	B	Broken	79	S 4
	3.2	DAE(S02)	Deposits Attached Encrustation	136	M 2
	23.6	TFD	Tap Factory Defective	245	M 3
	48.9	TFD	Tap Factory Defective	329	M 3
	51.7	TF	Tap Factory	358	NA
	76.8	TFI	Tap Factory Intruding	466	M 2
	77.0	FM(S01)	Fracture Multiple	479	S 4
	80.8	TFD	Tap Factory Defective	494	M 3
	88.4	B	Broken	531	S 4
	94.3	B	Broken	569	S 4
	94.3	RFJ	Roots Fine Joint	573	M 1
	118.5	TFD	Tap Factory Defective	668	M 3
	121.1	RFL	Roots Fine Lateral	703	M 1
	121.5	TFD	Tap Factory Defective	718	M 3
	125.9	RFJ	Roots Fine Joint	759	M 1
	137.5	MWLS	Miscellaneous Water Level Sag	811	S 2
	140.4	JAM	Joint Angular Medium	855	S 3
	176.5	RFJ	Roots Fine Joint	1009	M 1
	177.3	SZ	Surface Damage Other	1032	NA
	184.1	JAM	Joint Angular Medium	1080	S 3
	187.2	RFJ	Roots Fine Joint	1145	M 1
	212.7	SZ	Surface Damage Other	1244	NA
	222.1	FM(F01)	Fracture Multiple	1275	S 4
	222.1	DAE(F02)	Deposits Attached Encrustation	1284	M 2
	225.5	AMH	Manhole	1377	NA
	M-605-030				



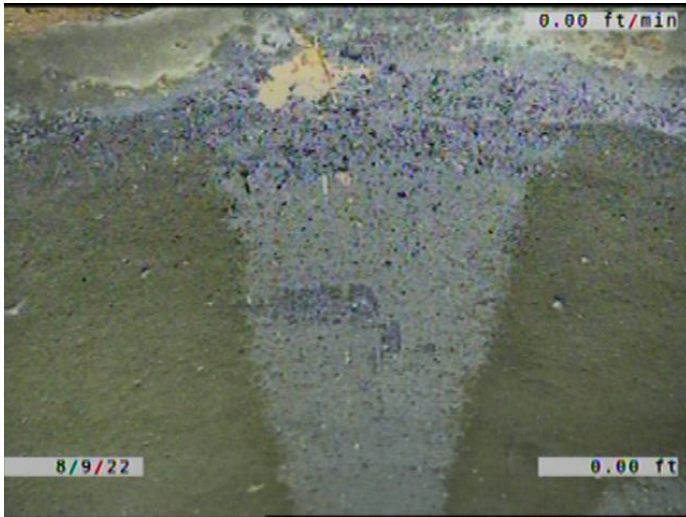
Code: **AMH**
Description: **Manhole**

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-605-009**



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:



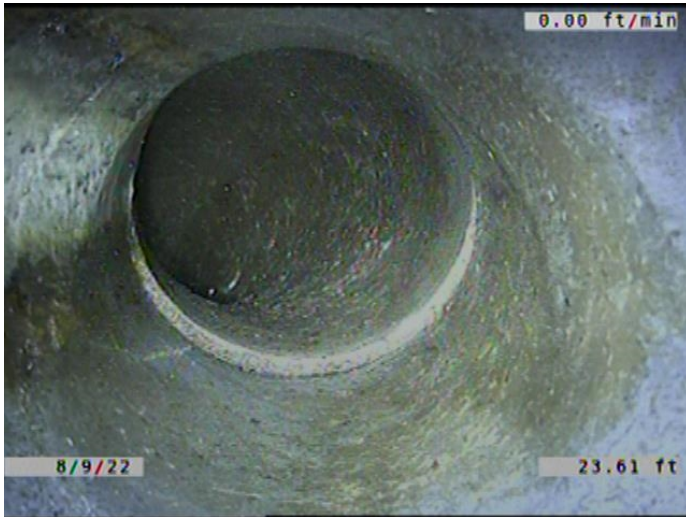
Code: **B**
 Description: **Broken**

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



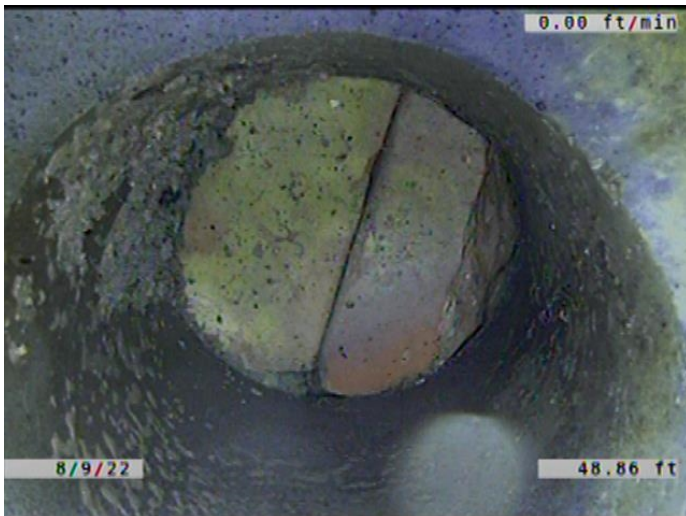
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **3.2**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **7**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S02**
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **23.6**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **10**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **TAP CRACKED.**



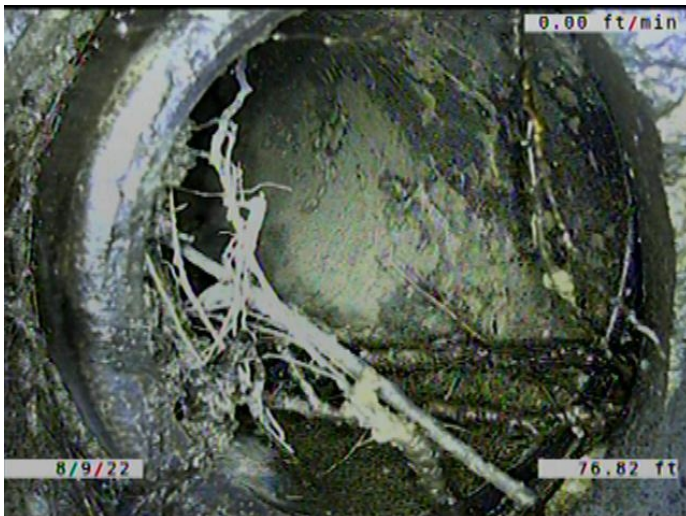
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **48.9**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **10**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **BRICKED OFF. BRICKS BREAKING DOWN. SOIL VISIBLE.**



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

Distance (ft): **51.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **CONSTANTLY RUNNING WATER.**



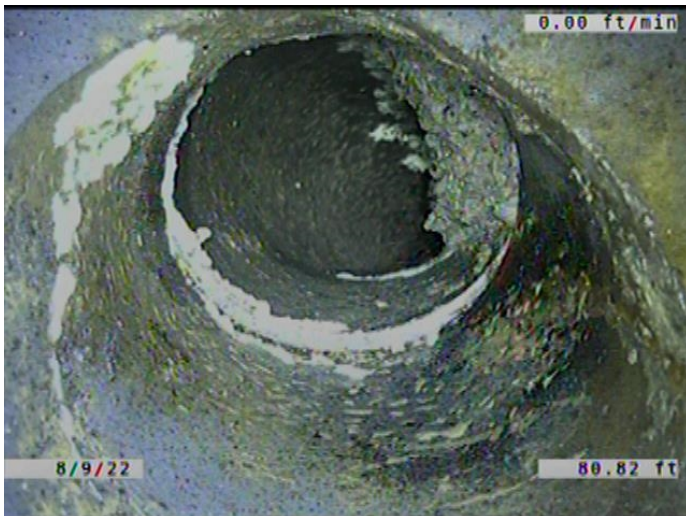
Code: **TFI**
Description: **Tap Factory Intruding**

Distance (ft): **76.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **10**
Clock To:
1st Value: **6.000**
2nd Value: **1.000**
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **TAP BROKEN. SERVICE PUSHED INTO THE MAIN. ROOTS GROWING IN AN**



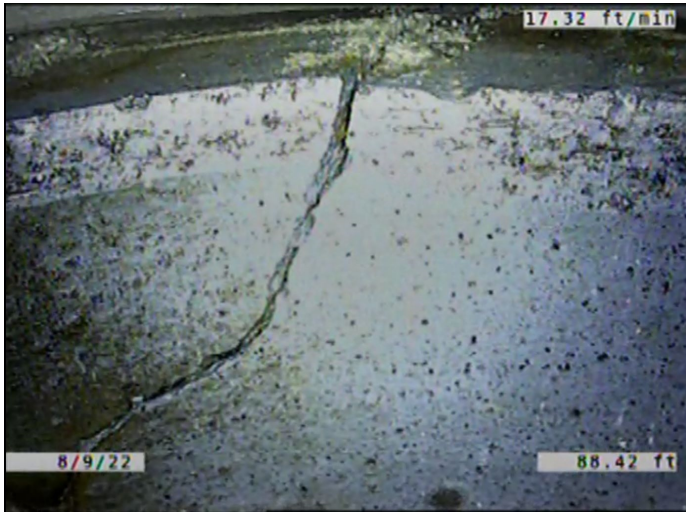
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **77.0**
Structural Grade: **4**
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:



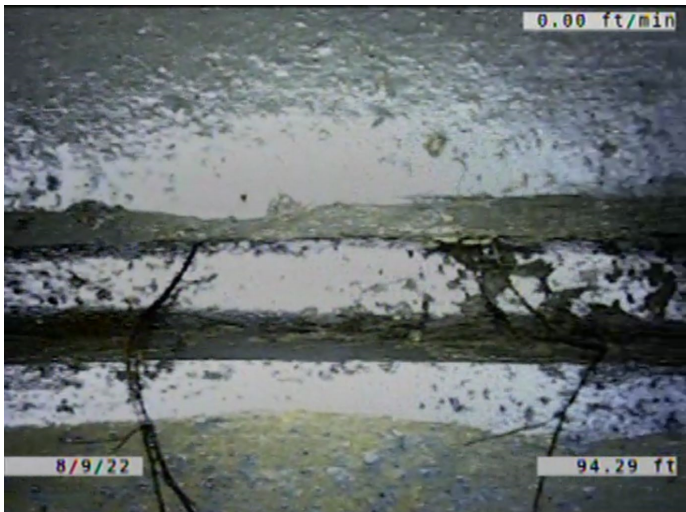
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **80.8**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **2**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **TAP BROKEN.**



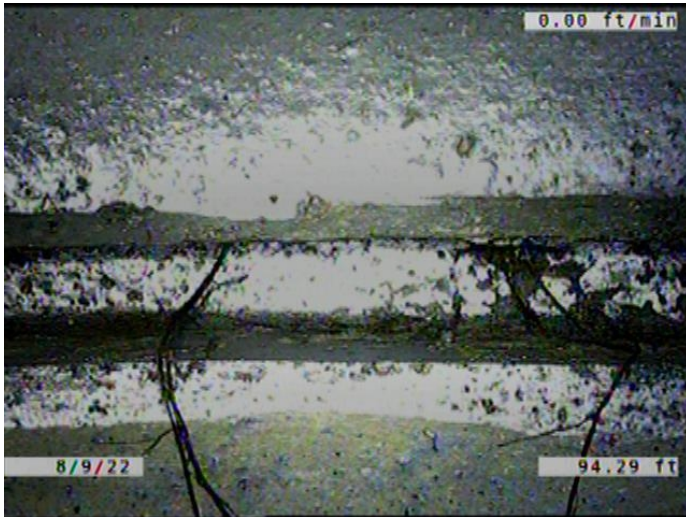
Code: **B**
Description: **Broken**

Distance (ft): **88.4**
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:



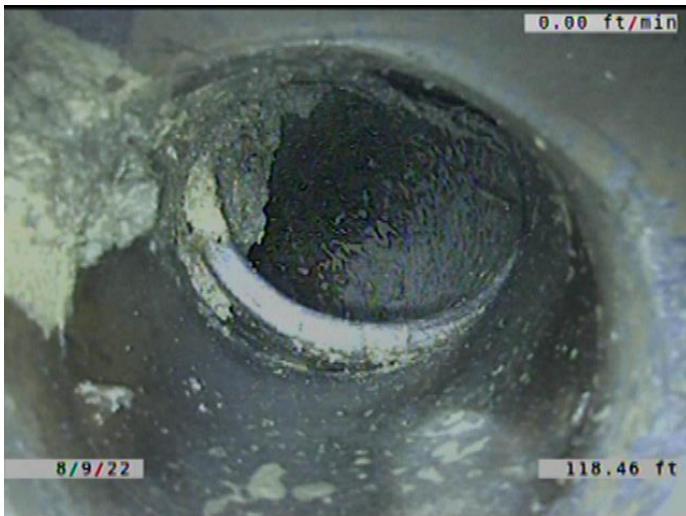
Code: **B**
Description: **Broken**

Distance (ft): **94.3**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **11**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



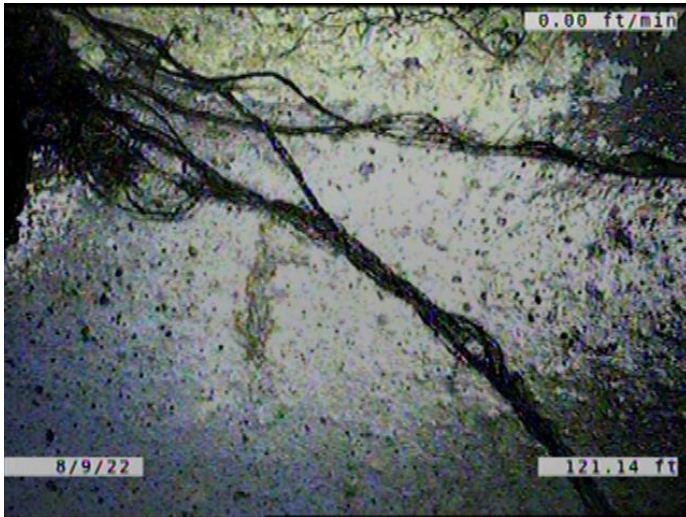
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **94.3**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **10**
 Clock To: **11**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



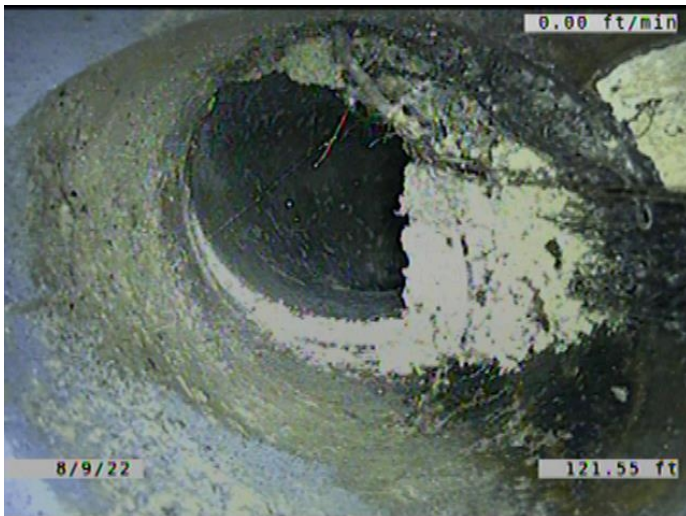
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **118.5**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **10**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **SERVICE OFFSET. TAP BROKEN.**



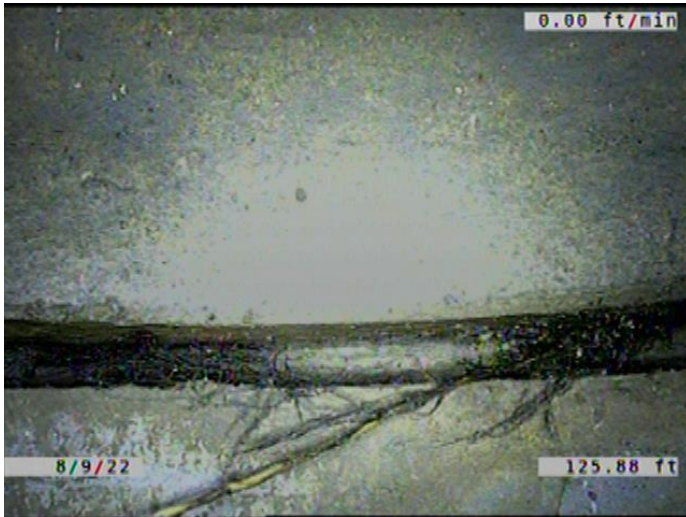
Code: **RFL**
 Description: **Roots Fine Lateral**

Distance (ft): **121.1**
 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: **NO**
 Remarks:



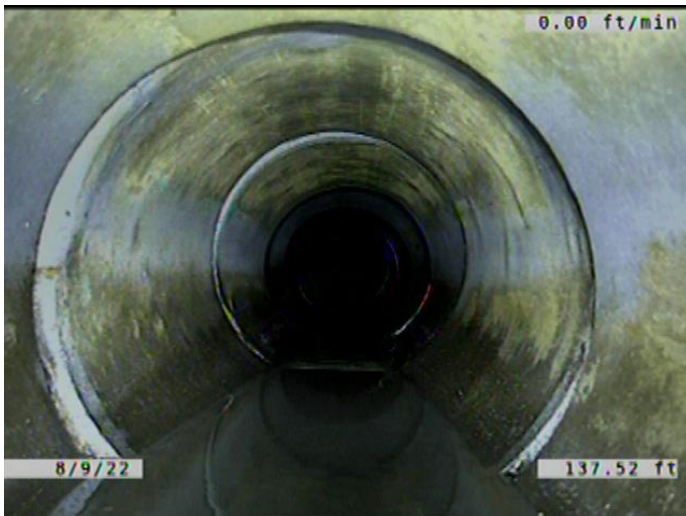
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **121.5**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **2**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **TAP BROKEN. ROOTS GROWING FROM THE JOINT INTO THE MAIN.**



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

Distance (ft): **125.9**
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: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **137.5**
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: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **140.4**
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:



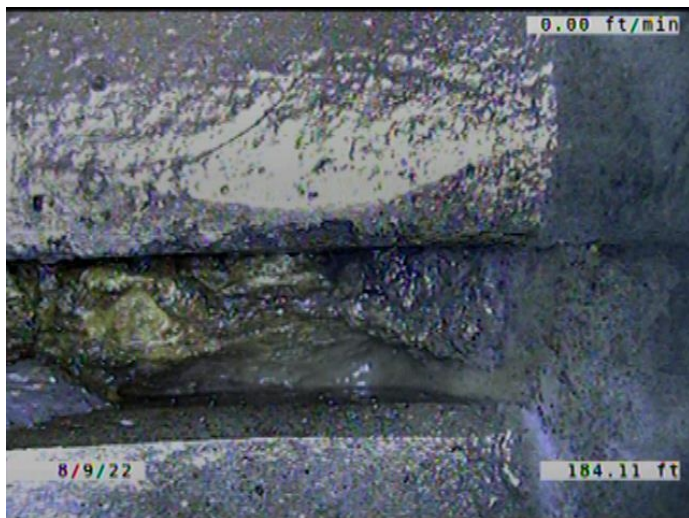
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **176.5**
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:



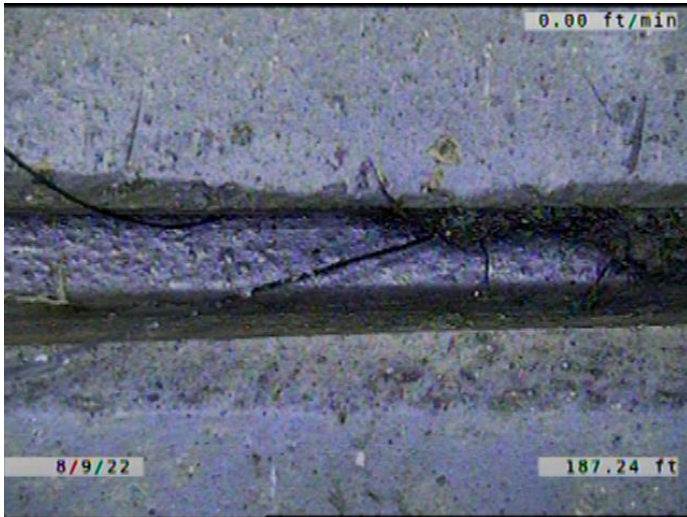
Code: **SZ**
 Description: **Surface Damage Other**

Distance (ft): **177.3**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks: **Indentations factory defect.**



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

Distance (ft): **184.1**
 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: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **187.2**
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:



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

Distance (ft): **212.7**
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: **NO**
Remarks: **Indentations factory defect.**



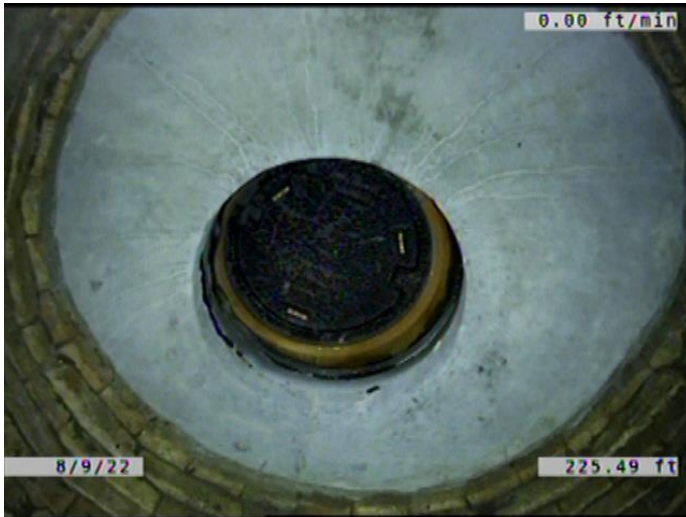
Code: **FM**
 Description: **Fracture Multiple**

Distance (ft): **222.1**
 Structural Grade: **4**
 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: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **222.1**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **7**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F02**
 Within 8" of Joint: **YES**
 Remarks:



Code:	AMH
Description:	Manhole
Distance (ft):	225.5
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:	M-605-030