

Profile/Photo Observation Report

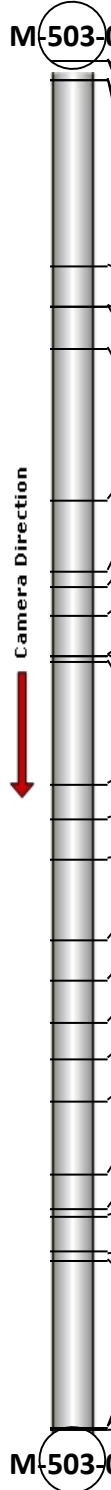


Date:	10/21/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	194.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-503-020-019
Customer:	City of Hobart	Clean Date:	09/05/2021	Shape:	C

Street:	West 39th Avenue	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Alley	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	10"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Upstream
US MH:	M-503-019	DS MH:	M-503-020
		Total Length Surveyed (ft):	69.8

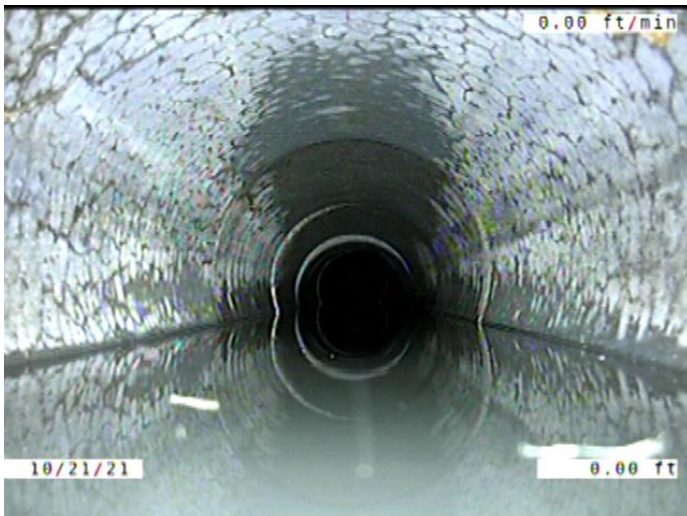
O&M Index:	2.46	O&M Quick:	3921	O&M Rating:	32.00
Structural Index:	3.11	Structural Quick:	5633	Structural Rating:	59.00
Overall Index:	2.84	Overall Quick:	563A	Overall Rating:	91.00

	Position	Code	Observation	Video (sec)	Grade
	.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
M-503-019					



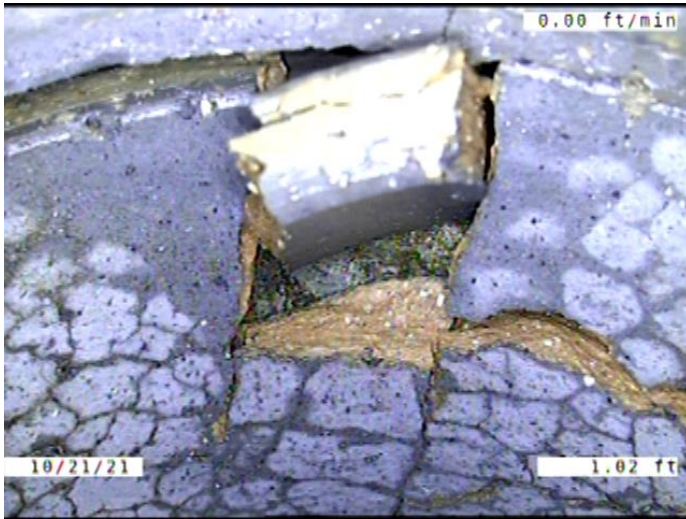
Code: **AMH**
 Description: **Manhole**

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**



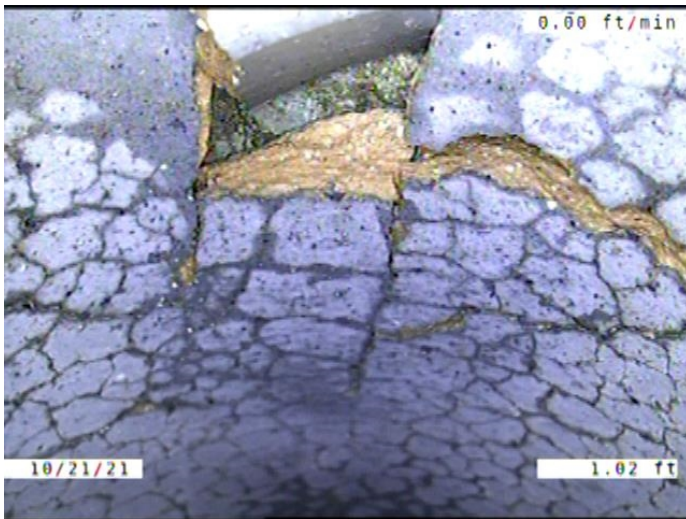
Code: **MWL**
 Description: **Miscellaneous Water Level**

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:

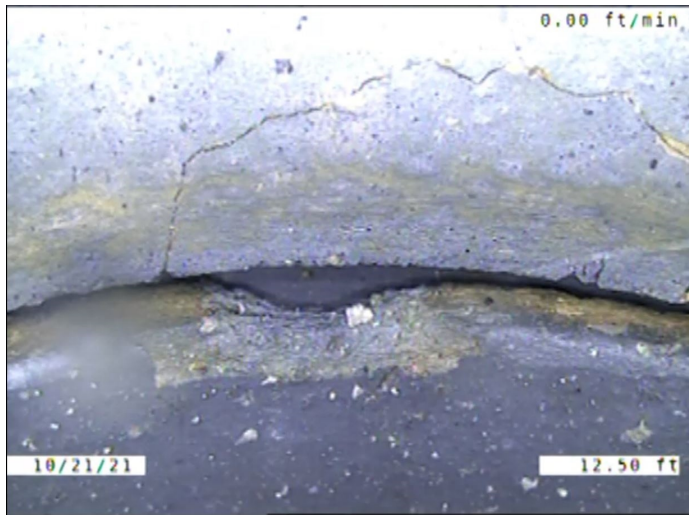


Code: **BVV**
Description: **Broken Void Visible**

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**

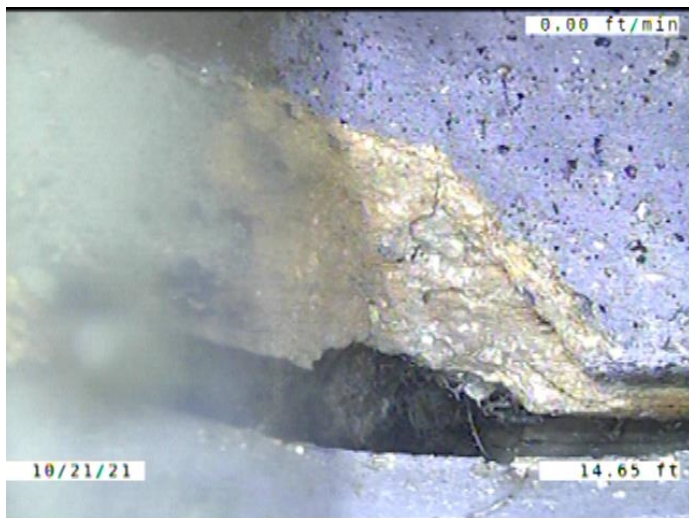
Code: **SMW**
Description: **Surface Damage Missing Wall**

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:



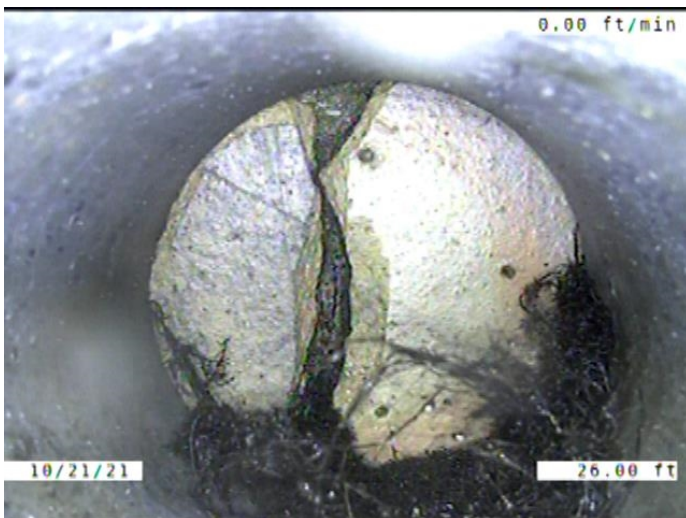
Code: **HSV**
 Description: **Hole Soil Visible**

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**



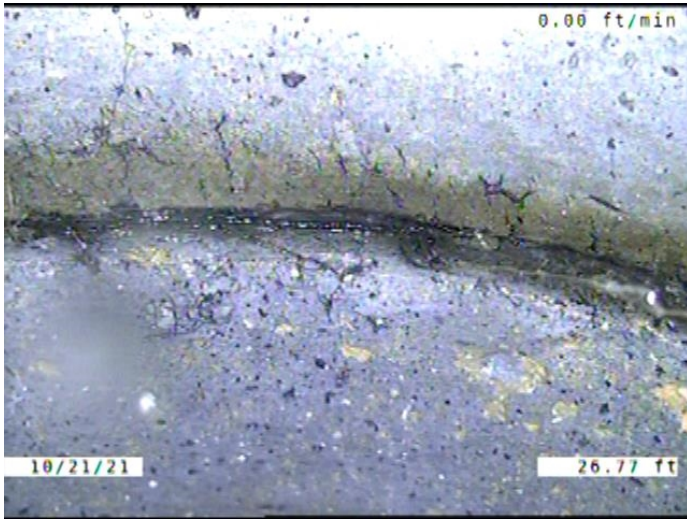
Code: **SSS**
Description: **Surface Damage Surface Spalling**

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:



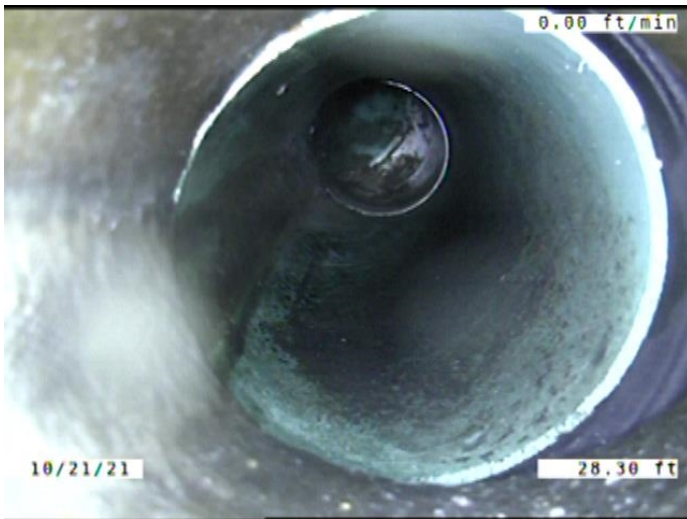
Code: **TFD**
Description: **Tap Factory Defective**

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**



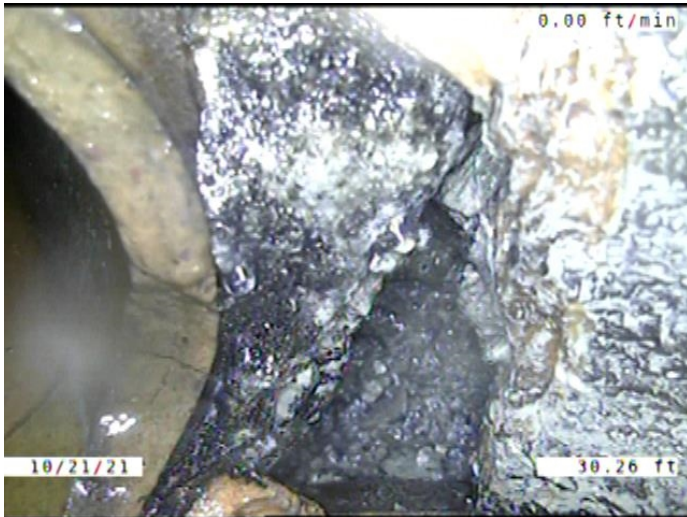
Code: **RFJ**
Description: **Roots Fine Joint**

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:



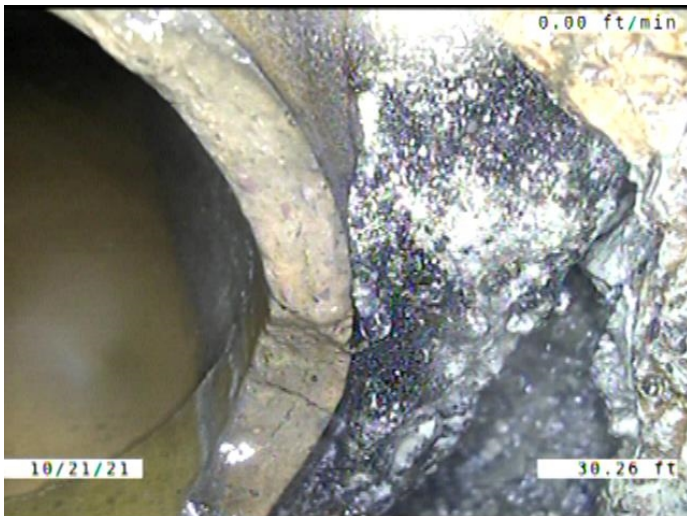
Code: **TF**
Description: **Tap Factory**

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**



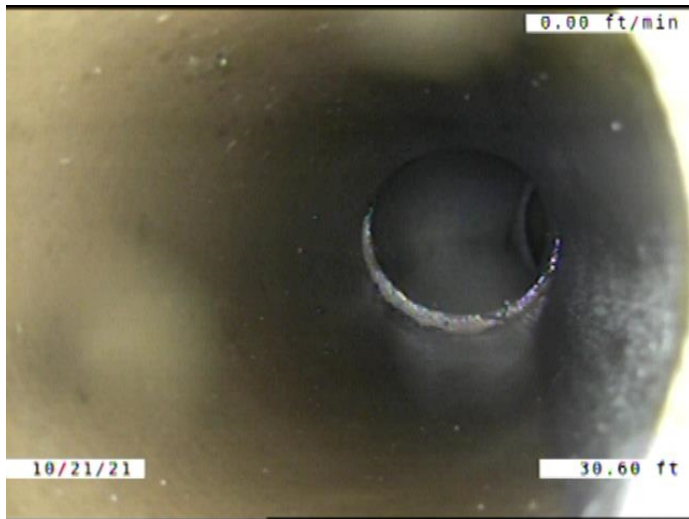
Code: **BSV**
 Description: **Broken Soil Visible**

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:



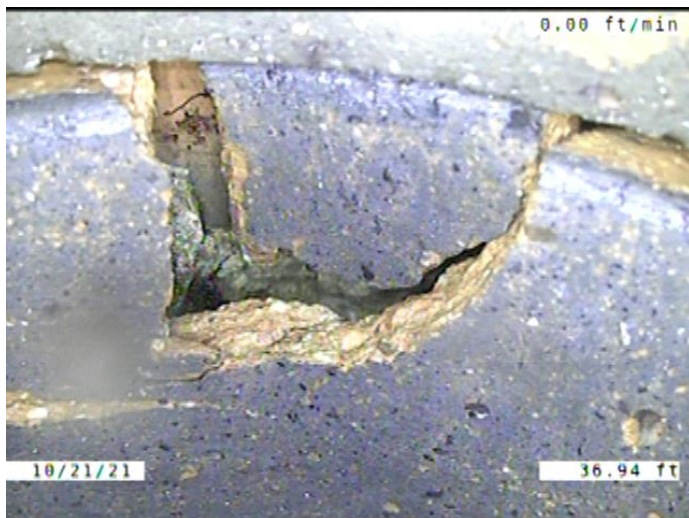
Code: **IDB**
 Description: **Infiltration Dripper Barrel**

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:

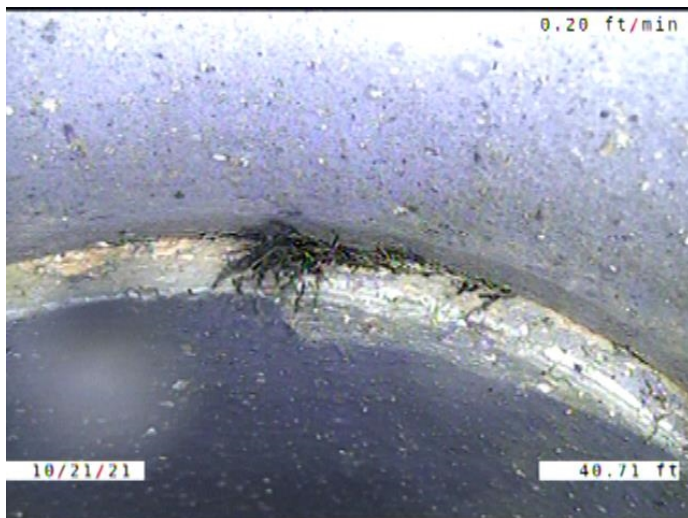


Code: **BSV**
 Description: **Broken Soil Visible**

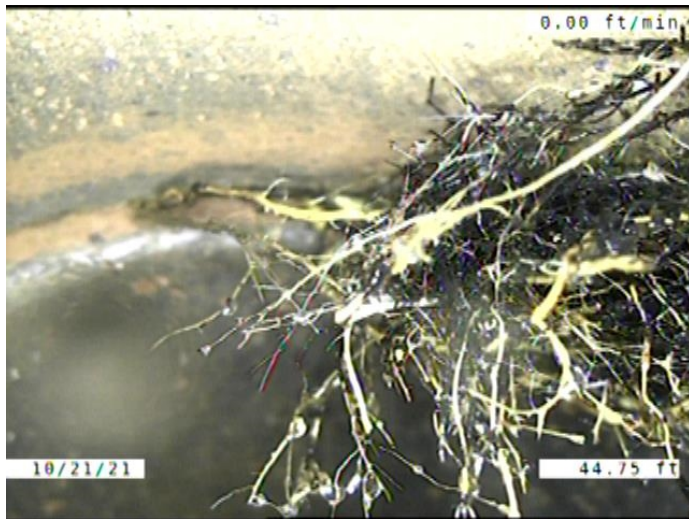
Distance (ft): **36.9**
 Structural Grade: **5**
 O&M Grade: **0**
 Clock Start/From: **2**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **PIECE IS PUSHED BACK AND SOIL VISIBLE**



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

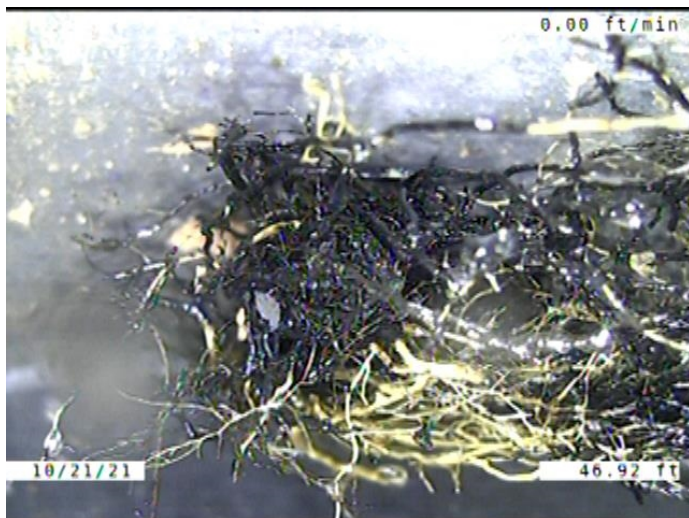


Code:	RFJ
Description:	Roots Fine Joint
Distance (ft):	40.7
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	2
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



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:



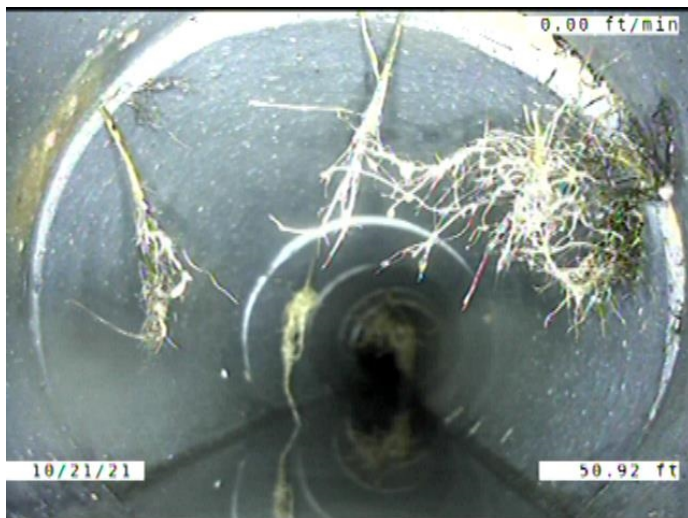
Code: **RMJ**
 Description: **Roots Medium Joint**

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:



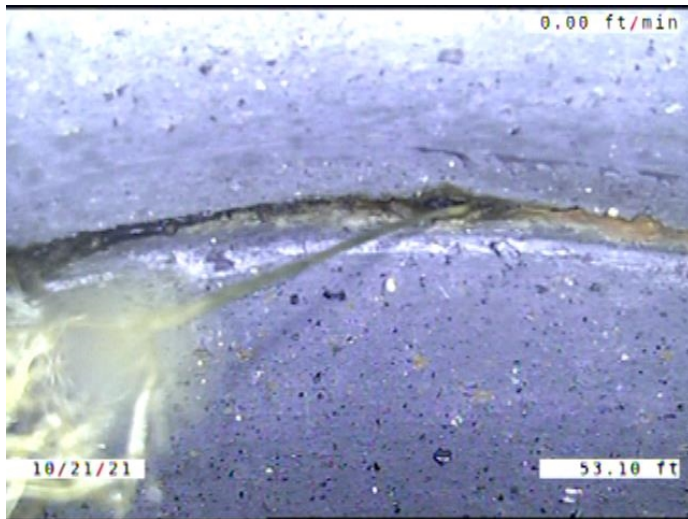
Code: **RMJ**
 Description: **Roots Medium Joint**

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:



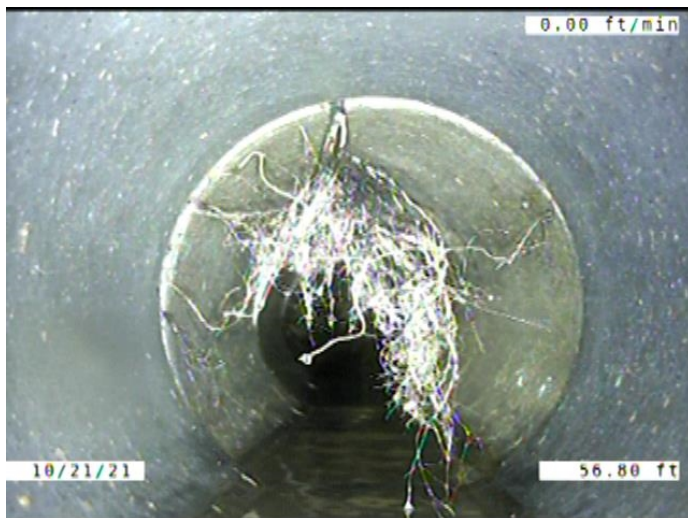
Code: **RMJ**
 Description: **Roots Medium Joint**

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:



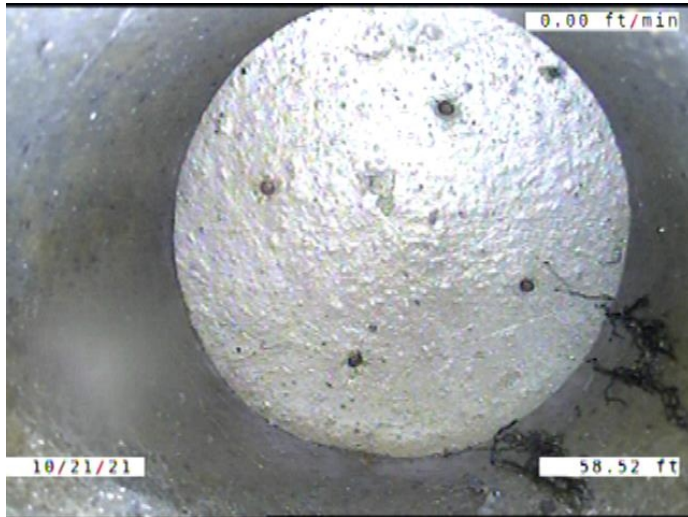
Code: **RFJ**
Description: **Roots Fine Joint**

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:

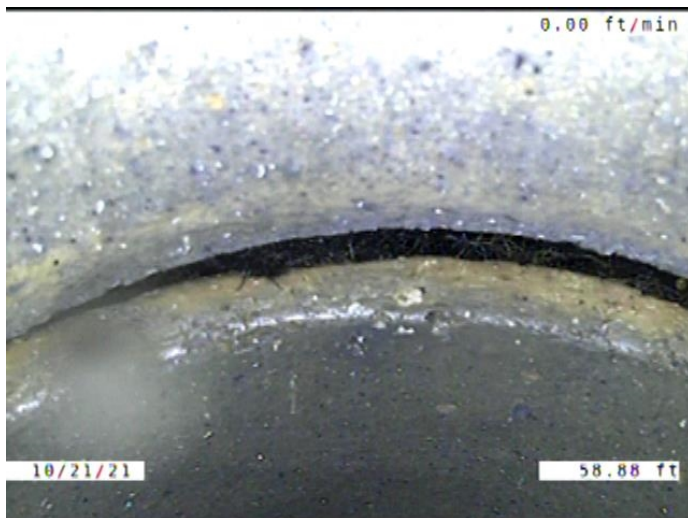


Code: **RMJ**
Description: **Roots Medium Joint**

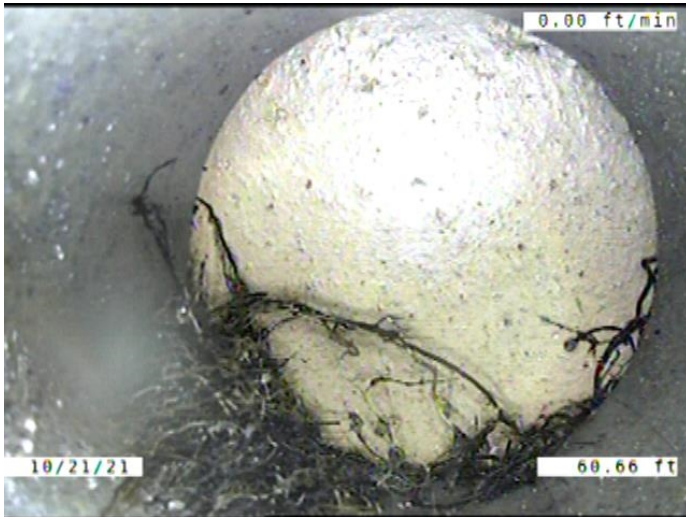
Distance (ft): **56.8**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **9**
Clock To: **2**
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



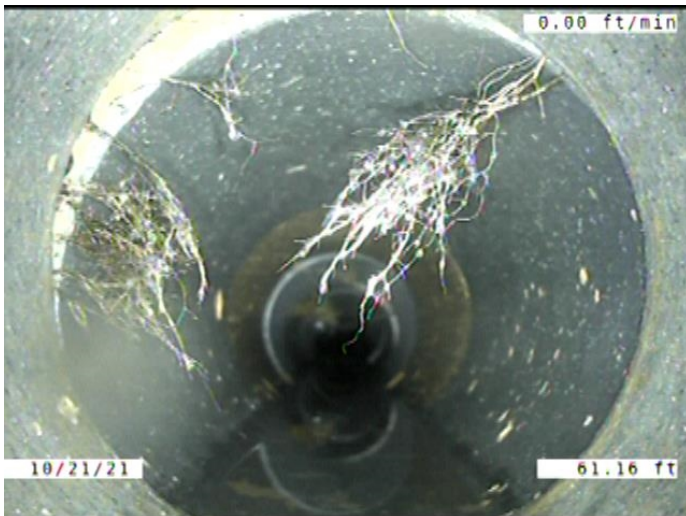
Code:	TFC
Description:	Tap Factory Capped
Distance (ft):	58.5
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	1
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	ROOTS GROWING AROUND THE CAP



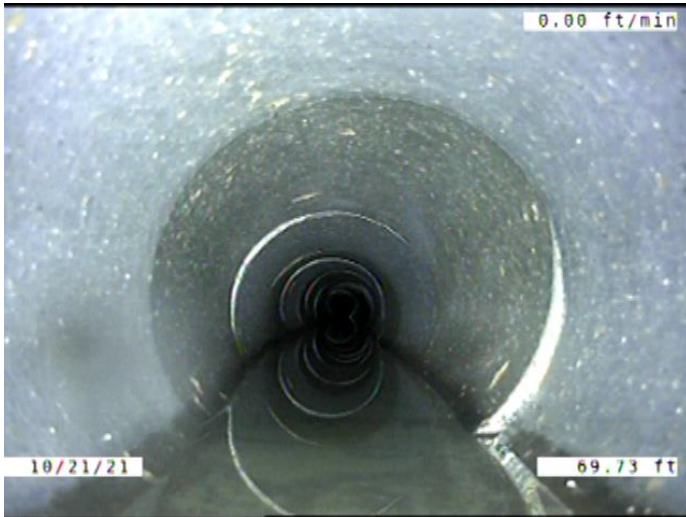
Code:	JOM
Description:	Joint Offset Medium
Distance (ft):	58.9
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



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



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

MSA

Description:

Miscellaneous Survey Abandoned

Distance (ft):

69.8

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:

**MADE IT TO THE POINT OF OVERLAP.
REVERSAL COMPLETE**