

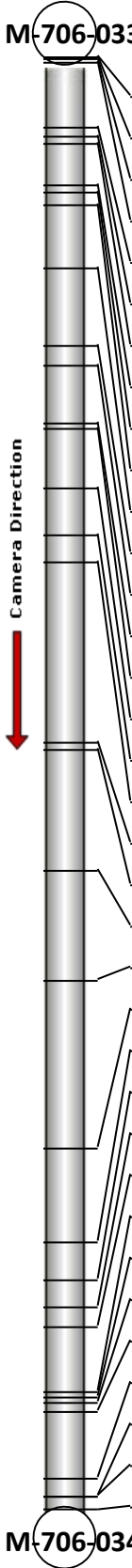
Profile/Photo Observation Report

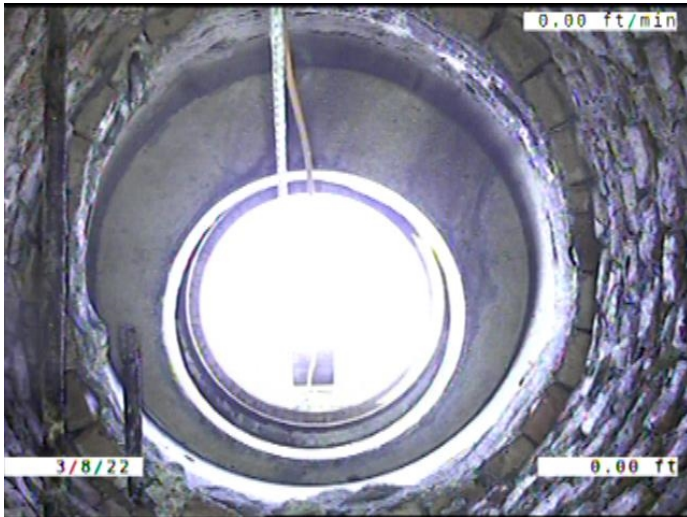


Date:	03/08/2022	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	168.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-706-034-033
Customer:	City of Hobart, IN (Red	Clean Date:	03/04/2022	Shape:	C

Street:	South Lake 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:	10"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-706-033	DS MH:	M-706-034
		Total Length Surveyed (ft):	157.1

O&M Index:	2.00	O&M Quick:	312E	O&M Rating:	64.00
Structural Index:	3.33	Structural Quick:	5843	Structural Rating:	80.00
Overall Index:	2.57	Overall Quick:	5843	Overall Rating:	144.00

	Position	Code	Observation	Video (sec)	Grade
	M-706-033				
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	75	NA
	.1	CM	Crack Multiple	128	S 3
	.5	TF	Tap Factory	156	NA
	7.6	DSF(S01)	Deposits Settled Fine	211	M 2
	8.6	FM	Fracture Multiple	227	S 4
	9.3	HVV	Hole Void Visible	276	S 5
	13.9	HVV	Hole Void Visible	358	S 5
	14.7	TF	Tap Factory	2065	NA
	16.1	HVV	Hole Void Visible	445	S 5
	22.9	BVV	Broken Void Visible	522	S 5
	31.3	SSS	Surface Damage Surface Spalling	584	S 2
	33.3	SSS	Surface Damage Surface Spalling	615	S 2
	39.7	RFL	Roots Fine Lateral	667	M 1
	40.2	TF	Tap Factory	688	NA
	46.6	TB	Tap Break-in/Hammer	763	NA
	51.8	JAM	Joint Angular Medium	831	S 3
	54.6	TF	Tap Factory	869	NA
	74.2	BVV	Broken Void Visible	1011	S 5
	74.9	TF	Tap Factory	1042	NA
	88.0	MWLS(S03)	Miscellaneous Water Level Sag	1111	S 2
	99.9	MWLS(F03)	Miscellaneous Water Level Sag	1169	S 2
	118.0	TF	Tap Factory	1292	NA
	128.3	MWLS(S04)	Miscellaneous Water Level Sag	1359	S 2
	132.3	TF	Tap Factory	1406	NA
	135.2	B	Broken	1478	S 4
	137.4	BSV	Broken Soil Visible	1552	S 5
	144.4	TFD	Tap Factory Defective	1628	M 3
	145.0	SSS	Surface Damage Surface Spalling	1654	S 2
	145.5	BSV	Broken Soil Visible	1710	S 5
	146.5	HSV	Hole Soil Visible	1756	S 5
	153.8	B	Broken	1868	S 4
	155.8	DSF(F01)	Deposits Settled Fine	1900	M 2
	155.8	MWLS(F04)	Miscellaneous Water Level Sag	1912	S 2
	157.1	AMH	Manhole	2030	NA
	M-706-034				



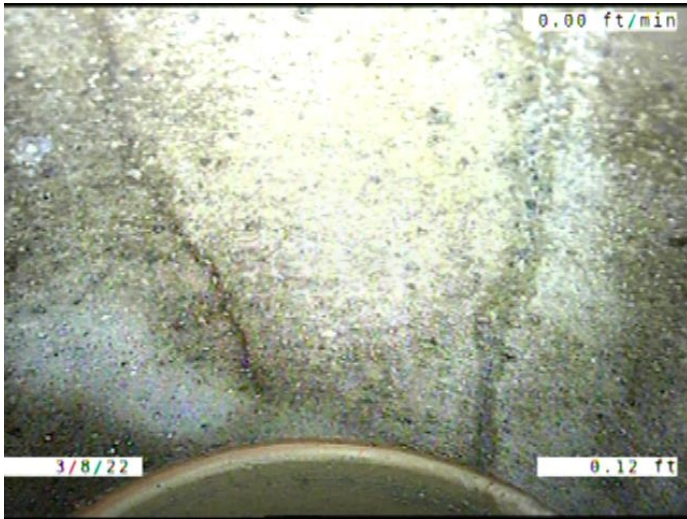
Code: **AMH**
 Description: **Manhole**

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-706-033**



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

Distance (ft): **.1**
Structural Grade: **3**
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: **TF**
Description: **Tap Factory**

Distance (ft): **.5**
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:



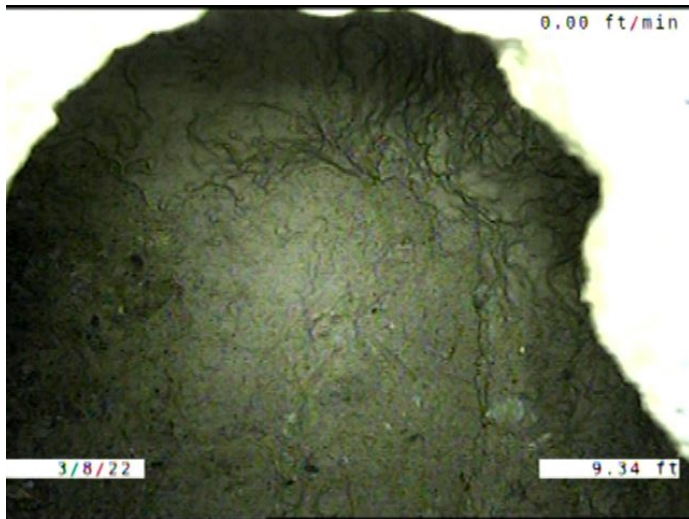
Code: **DSF**
 Description: **Deposits Settled Fine**

Distance (ft): **7.6**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **3**
 Clock To: **9**
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **S01**
 Within 8" of Joint: **YES**
 Remarks:



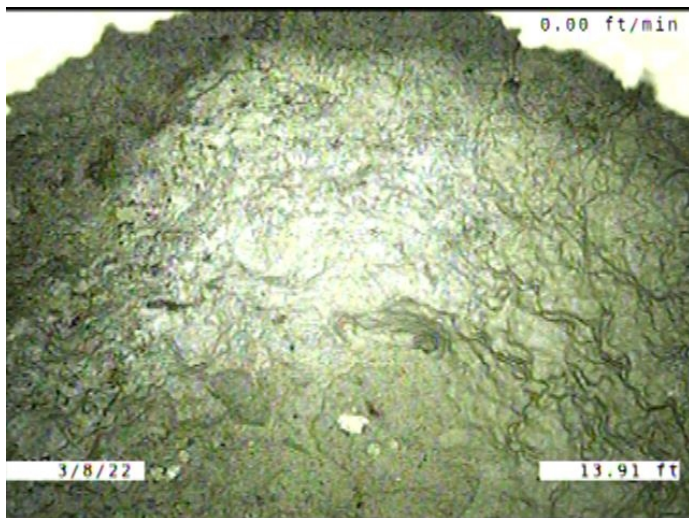
Code: **FM**
 Description: **Fracture Multiple**

Distance (ft): **8.6**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



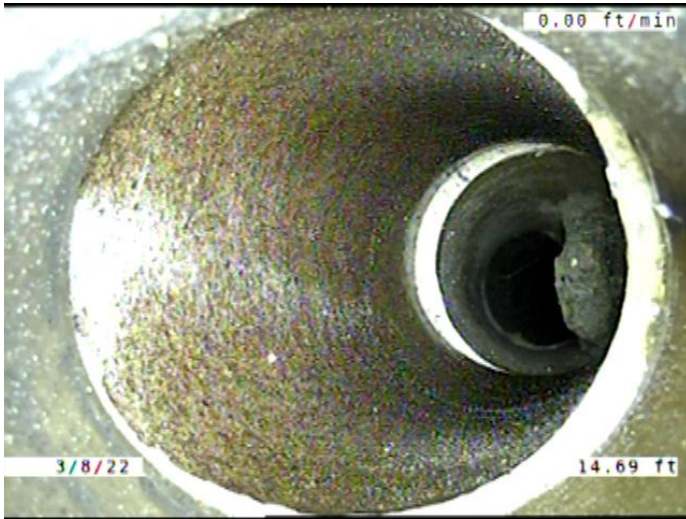
Code: **HVV**
Description: **Hole Void Visible**

Distance (ft): **9.3**
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:

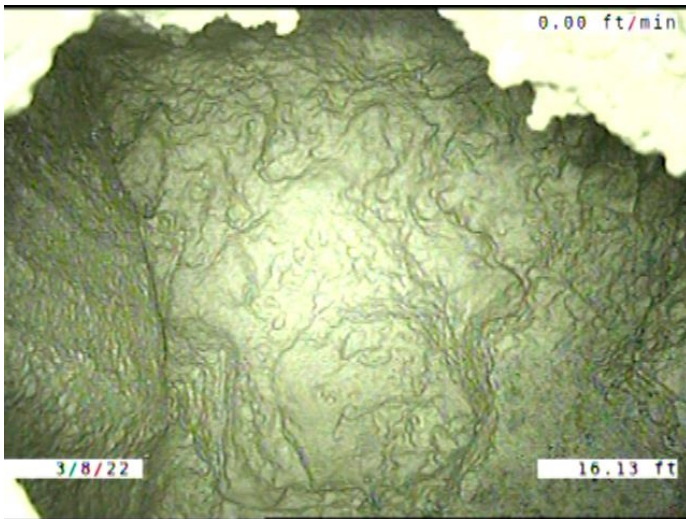


Code: **HVV**
Description: **Hole Void Visible**

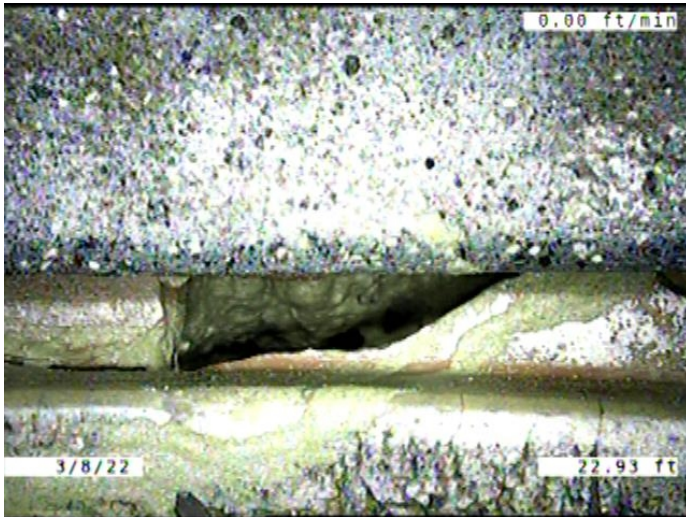
Distance (ft): **13.9**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code:	TF
Description:	Tap Factory
Distance (ft):	14.7
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:	SERVICE TO MAIN CONNECNTION BROKEN

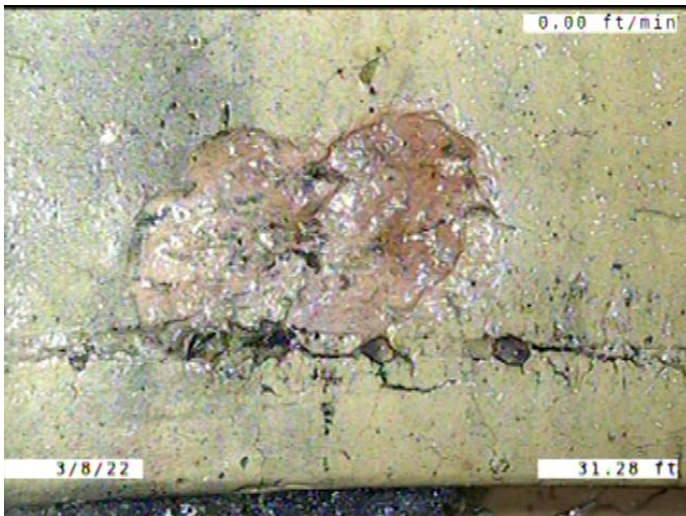


Code:	HVV
Description:	Hole Void Visible
Distance (ft):	16.1
Structural Grade:	5
O&M Grade:	0
Clock Start/From:	10
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



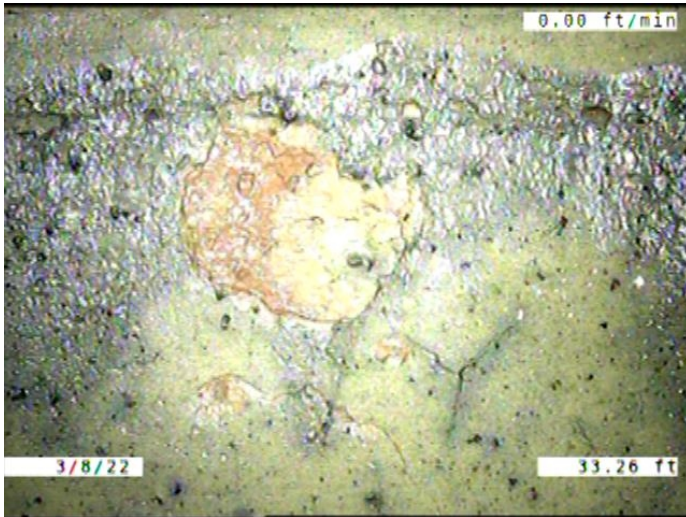
Code: **BVV**
 Description: **Broken Void Visible**

Distance (ft): **22.9**
 Structural Grade: **5**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To: **1**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



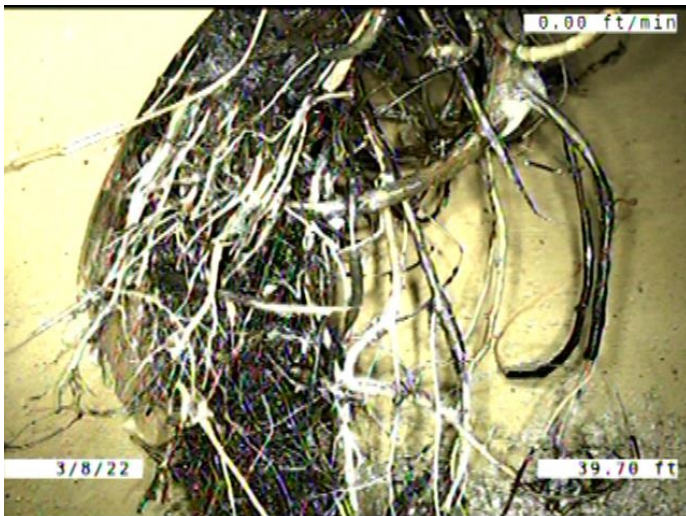
Code: **SSS**
 Description: **Surface Damage Surface Spalling**

Distance (ft): **31.3**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **3**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



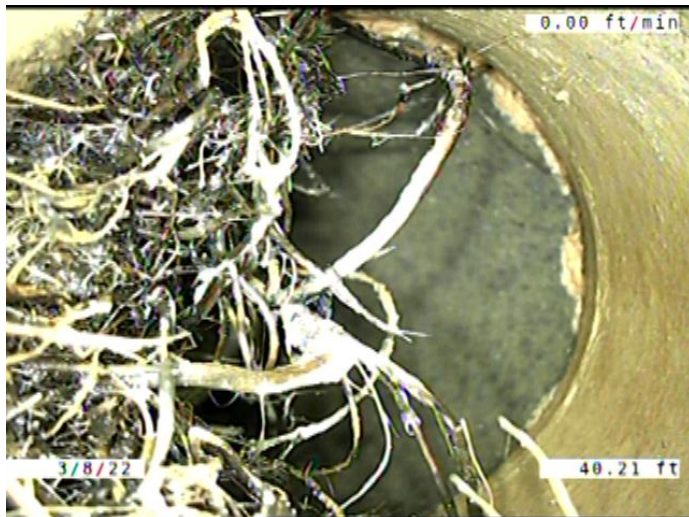
Code: **SSS**
 Description: **Surface Damage Surface Spalling**

Distance (ft): **33.3**
 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:



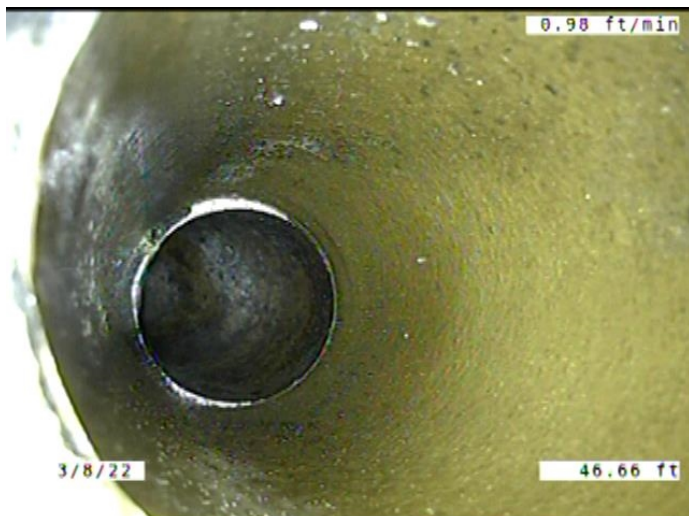
Code: **RFL**
 Description: **Roots Fine Lateral**

Distance (ft): **39.7**
 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: **NO**
 Remarks:



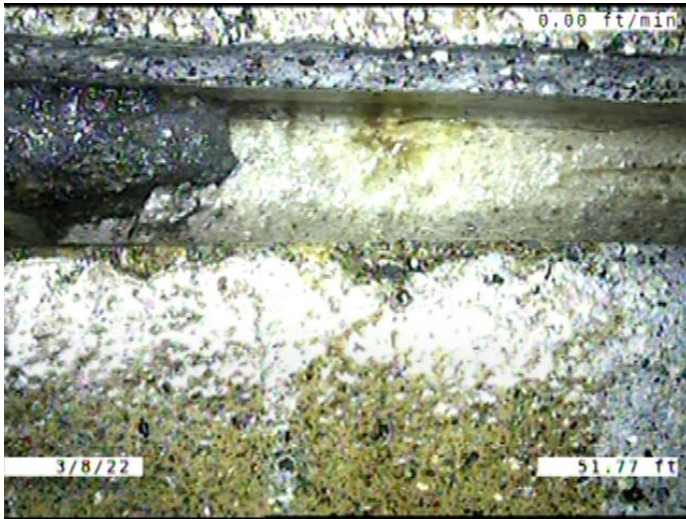
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **40.2**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **TB**
 Description: **Tap Break-in/Hammer**

Distance (ft): **46.6**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:

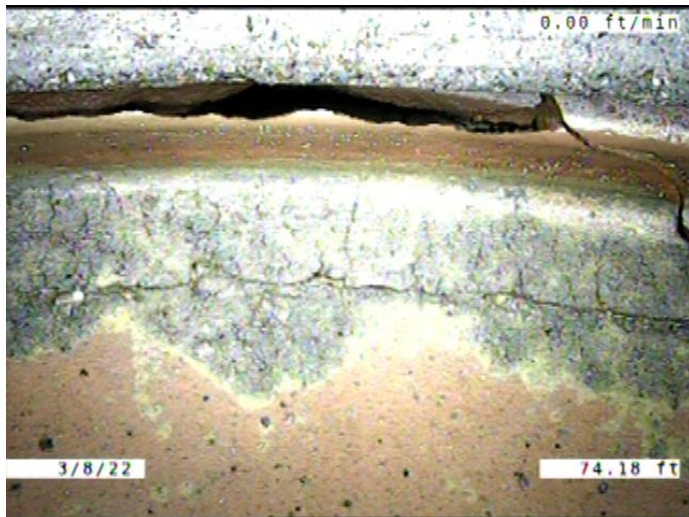


Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **51.8**
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:

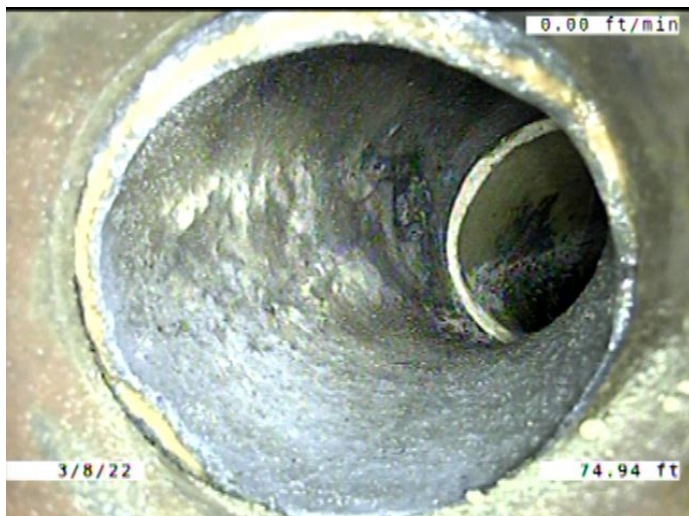
Code: **TF**
Description: **Tap Factory**

Distance (ft): **54.6**
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: **SERVICE LINE BROKEN AND OFFSET.
SOIL VISIBLE.**



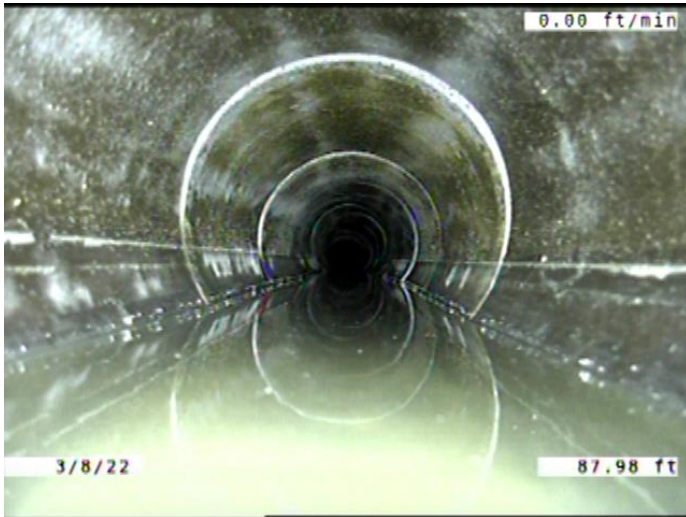
Code: **BVV**
 Description: **Broken Void Visible**

Distance (ft): **74.2**
 Structural Grade: **5**
 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: **SOIL VISIBLE TOO**



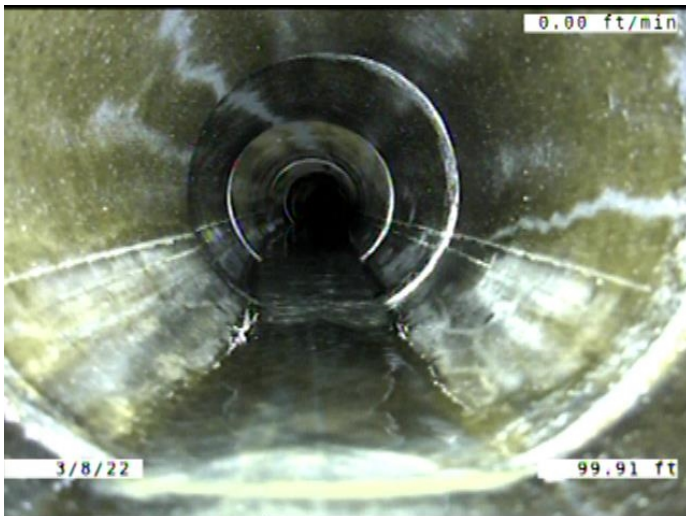
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **74.9**
 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: **SERVICIE TO MAIN CONNECTION
BROKEN. SOIL VISIBLE**



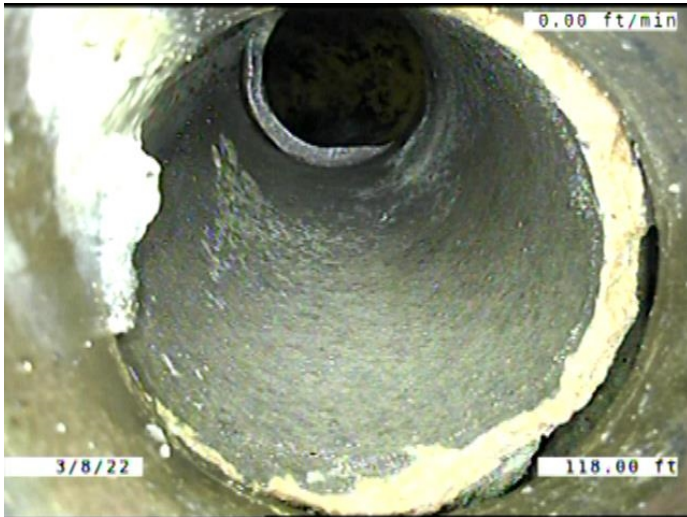
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **88.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S03**
Within 8" of Joint: **NO**
Remarks:



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

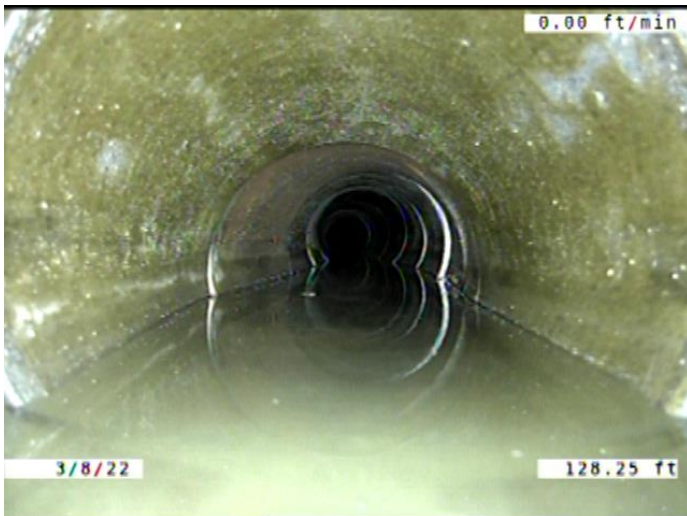
Distance (ft): **99.9**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **118.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **6.000**

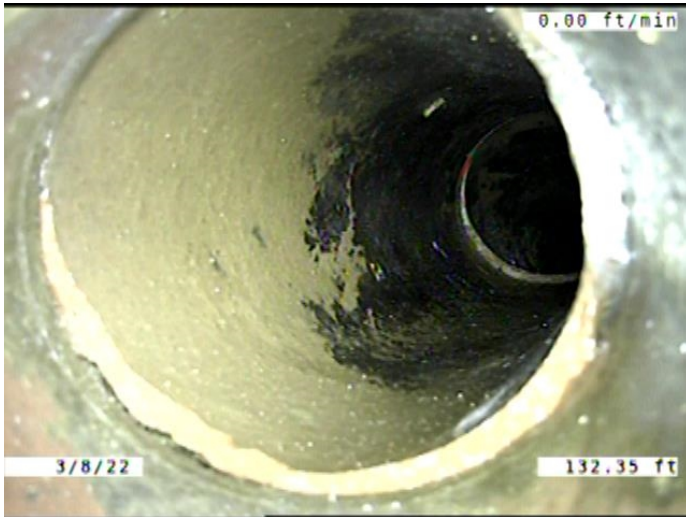
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **SERVICE TO MAIN CONNECTION
BROKEN AND SOIL VISIBLE.**



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

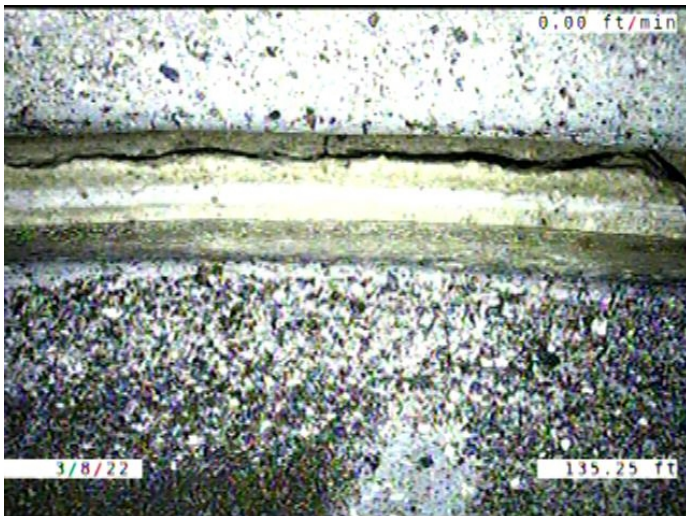
Distance (ft): **128.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**

Continuous Index: **S04**
Within 8" of Joint: **NO**
Remarks:



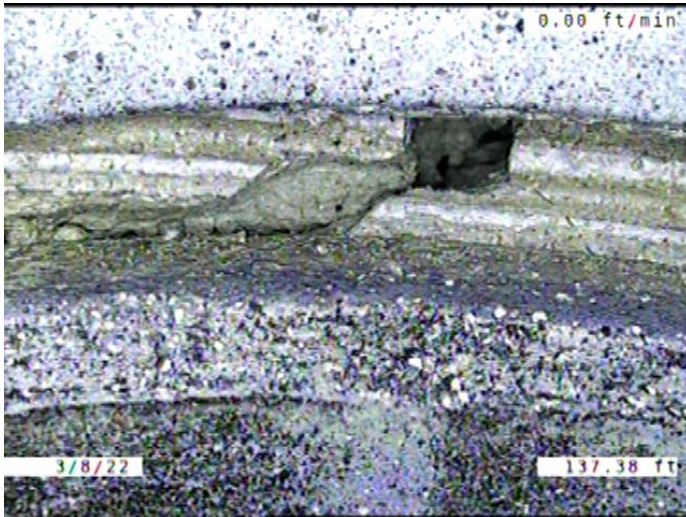
Code: **TF**
Description: **Tap Factory**

Distance (ft): **132.3**
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: **SERVICE TO MAIN CONNECNTION
BROKEN AND SOIL VISIBLE. WATER**



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

Distance (ft): **135.2**
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:



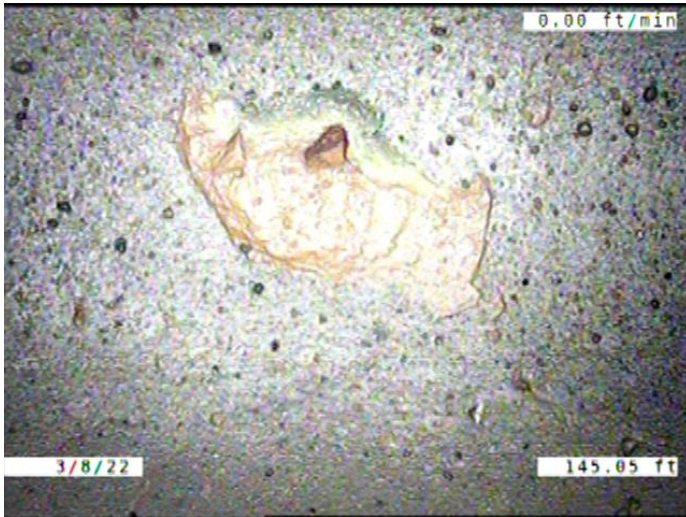
Code: **BSV**
 Description: **Broken Soil Visible**

Distance (ft): **137.4**
 Structural Grade: **5**
 O&M Grade: **0**
 Clock Start/From: **9**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



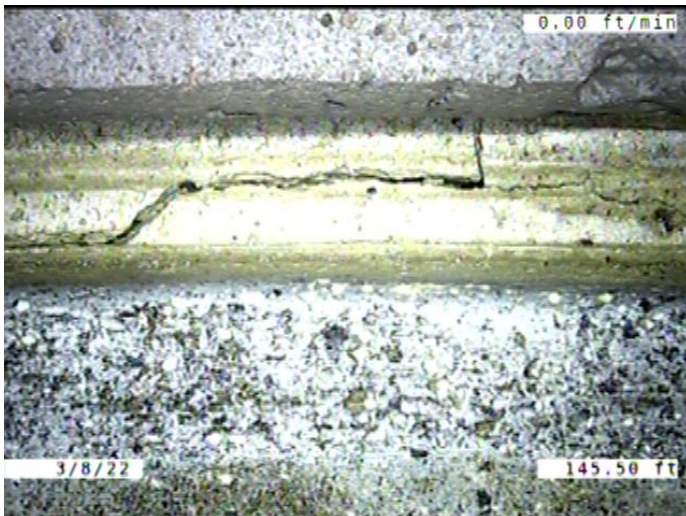
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **144.4**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **1**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **BROKEN. SERVICE TO MAIN
 CONNECNTION BROKEN, OFFSET, A**



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

Distance (ft): **145.0**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To: **1**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



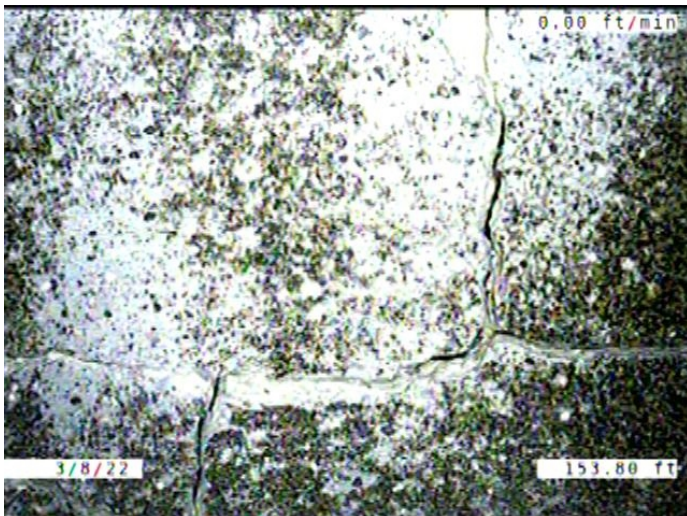
Code: **BSV**
 Description: **Broken Soil Visible**

Distance (ft): **145.5**
 Structural Grade: **5**
 O&M Grade: **0**
 Clock Start/From: **8**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **146.5**
 Structural Grade: **5**
 O&M Grade: **0**
 Clock Start/From: **8**
 Clock To: **9**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **153.8**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



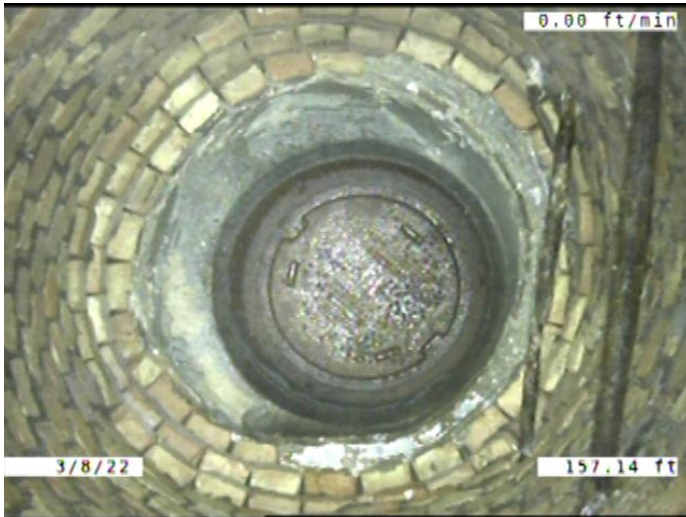
Code: **DSF**
Description: **Deposits Settled Fine**

Distance (ft): **155.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **3**
Clock To: **9**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **155.8**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F04**
Within 8" of Joint: **NO**
Remarks:



Code:	AMH
Description:	Manhole
Distance (ft):	157.1
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-706-034