

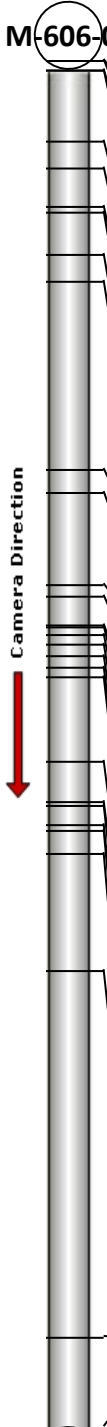
Profile/Photo Observation Report

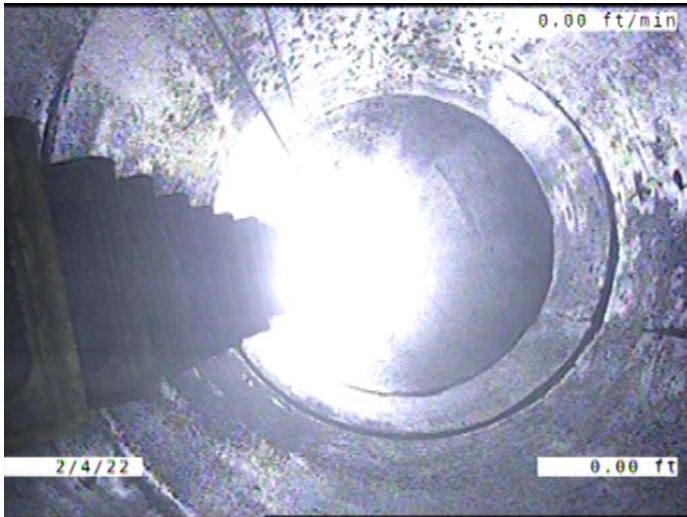


Date:	02/04/2022	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	254.1	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-606-086-085
Customer:	City of Hobart	Clean Date:	01/31/2022	Shape:	C

Street:	North Lake Shore Drive	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Local rural streets with light traffic, t	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	12"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-606-085	DS MH:	M-606-086
		Total Length Surveyed (ft):	254.1

O&M Index:	2.06	O&M Quick:	4131	O&M Rating:	109.00
Structural Index:	2.36	Structural Quick:	3529	Structural Rating:	33.00
Overall Index:	2.12	Overall Quick:	4136	Overall Rating:	142.00

	Position	Code	Observation	Video (sec)	Grade
M-606-085					
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	60	NA
	1.8	DAE(S02)	Deposits Attached Encrustation	120	M 2
	1.8	JSM	Joint Separated Medium	131	S 3
	15.1	MWL	Miscellaneous Water Level	208	NA
	20.1	IWJ	Infiltration Weeper Joint	246	M 2
	27.0	MWL	Miscellaneous Water Level	294	NA
	28.0	JOM	Joint Offset Medium	322	S 3
	36.1	MMC	Miscellaneous Material Change	399	NA
	41.1	MMC	Miscellaneous Material Change	461	NA
	75.9	MMC	Miscellaneous Material Change	706	NA
	80.3	MMC	Miscellaneous Material Change	763	NA
	97.2	MWLS(S03)	Miscellaneous Water Level Sag	856	S 2
	99.5	MMC	Miscellaneous Material Change	898	NA
	104.7	JOM	Joint Offset Medium	934	S 3
	105.0	MMC	Miscellaneous Material Change	981	NA
	106.6	MWLS(F03)	Miscellaneous Water Level Sag	1011	S 2
	108.3	MWLS(S04)	Miscellaneous Water Level Sag	1044	S 2
	110.4	MMC	Miscellaneous Material Change	1087	NA
	112.6	TF	Tap Factory	1115	NA
	114.4	MMC	Miscellaneous Material Change	1160	NA
	130.0	JAM	Joint Angular Medium	1252	S 3
	137.7	MWLS(F04)	Miscellaneous Water Level Sag	1308	S 2
	138.4	IRJ	Infiltration Runner Joint	1342	M 4
	142.0	CS	Crack Spiral	1418	S 2
	143.0	TFD	Tap Factory Defective	1454	M 3
	147.2	MWL	Miscellaneous Water Level	1503	NA
	169.0	JAM	Joint Angular Medium	1680	S 3
	237.0	TF	Tap Factory	2026	NA
	253.6	DAE(F02)	Deposits Attached Encrustation	2149	M 2
	254.1	AMH	Manhole	2234	NA
M-606-086					



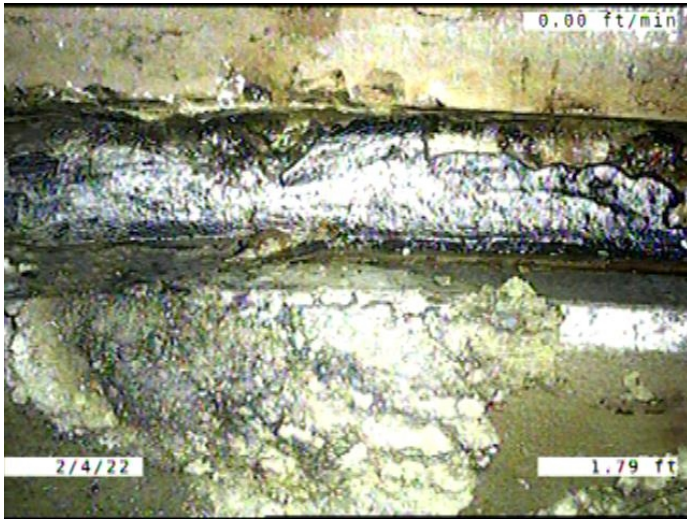
Code: **AMH**
Description: **Manhole**

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-606-085**



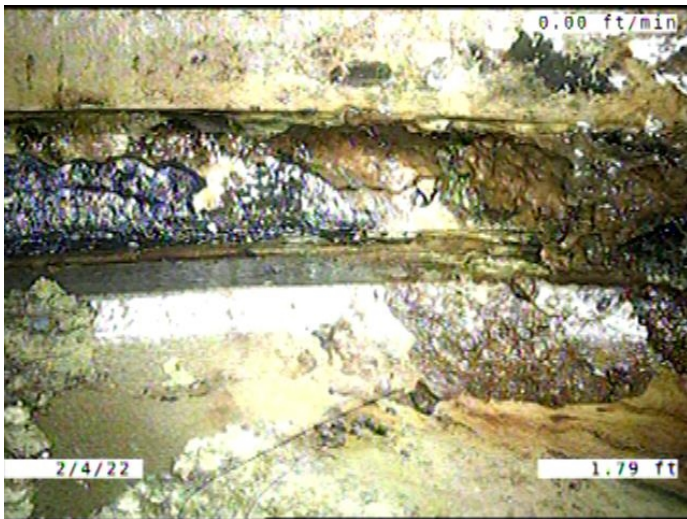
Code: **MWL**
Description: **Miscellaneous Water Level**

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:



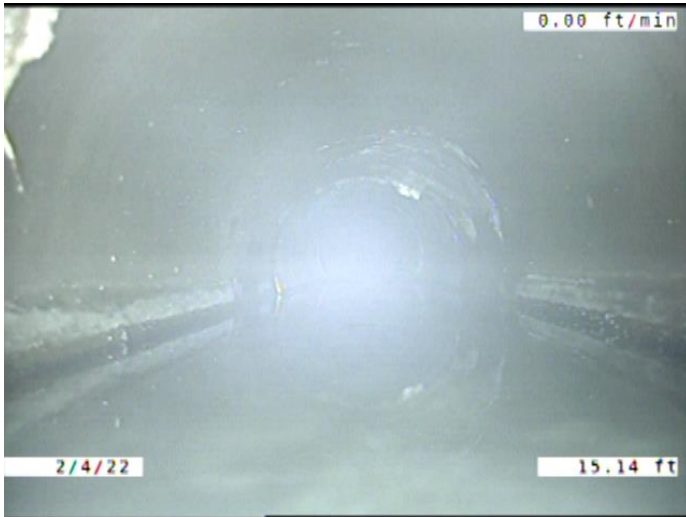
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **1.8**
 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:



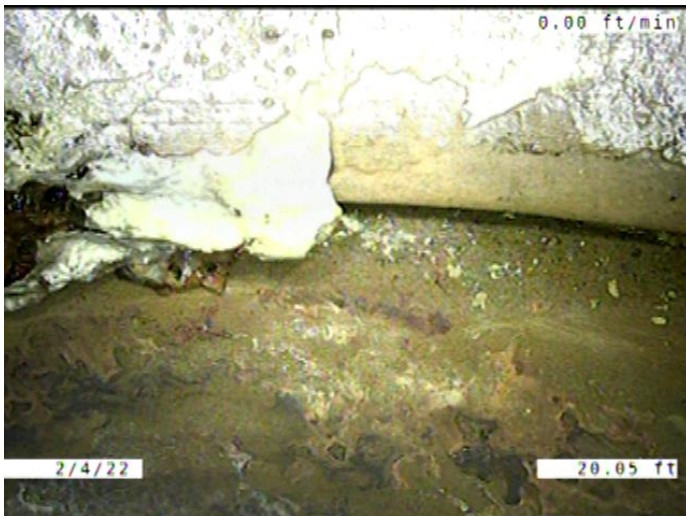
Code: **JSM**
 Description: **Joint Separated Medium**

Distance (ft): **1.8**
 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:



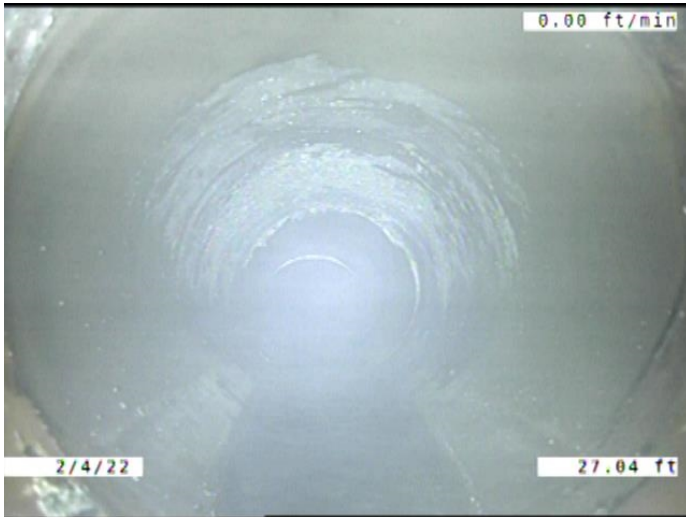
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **15.1**
 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:



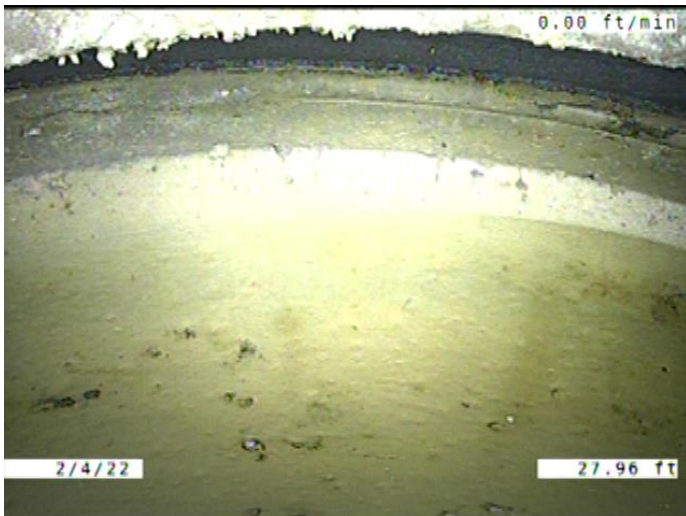
Code: **IWJ**
 Description: **Infiltration Weeper Joint**

Distance (ft): **20.1**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **1**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



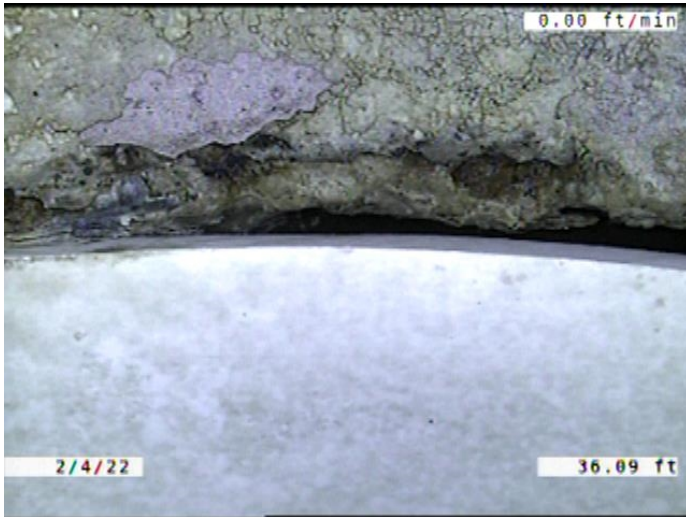
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **27.0**
 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:



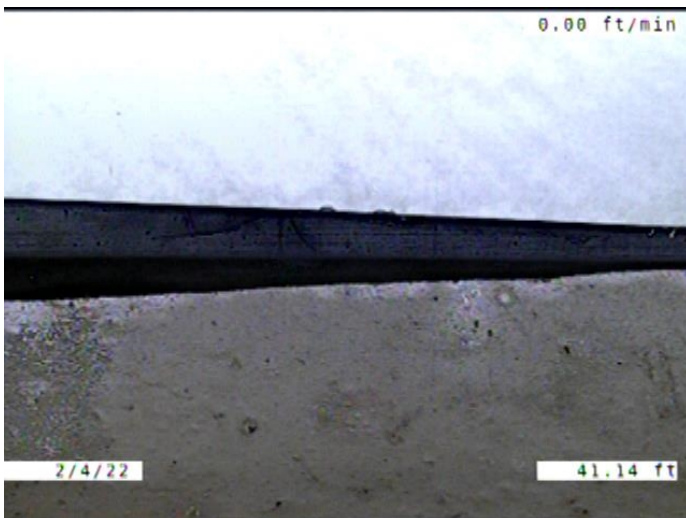
Code: **JOM**
 Description: **Joint Offset Medium**

Distance (ft): **28.0**
 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:



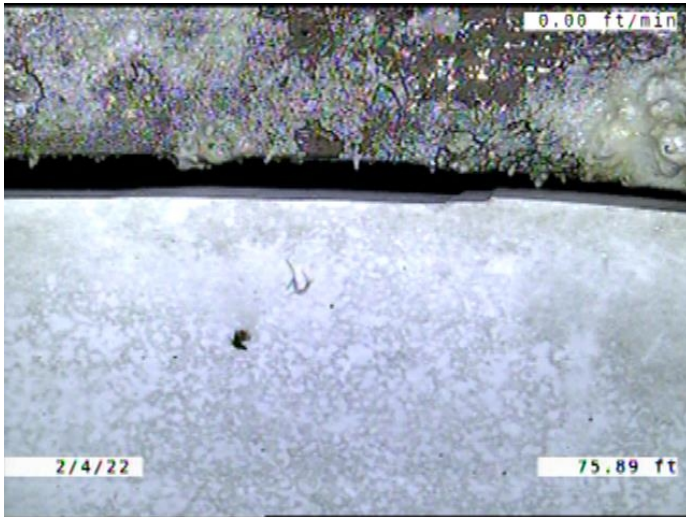
Code: **MMC**
Description: **Miscellaneous Material Change**

Distance (ft): **36.1**
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: **VCP TO PVC**



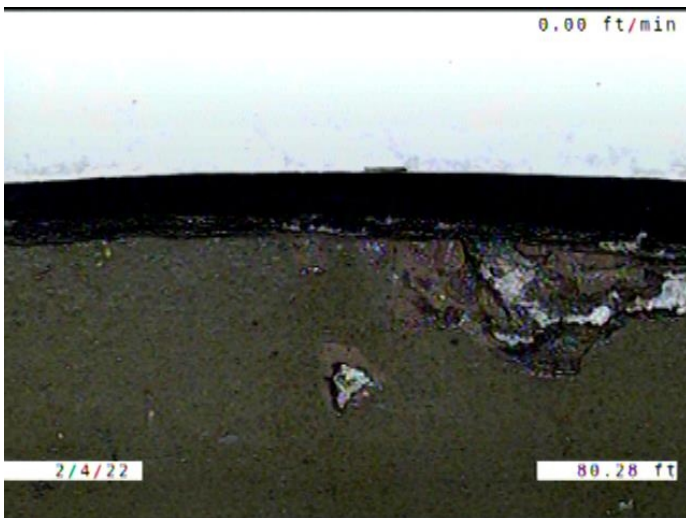
Code: **MMC**
Description: **Miscellaneous Material Change**

Distance (ft): **41.1**
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: **PVC TO VCP**



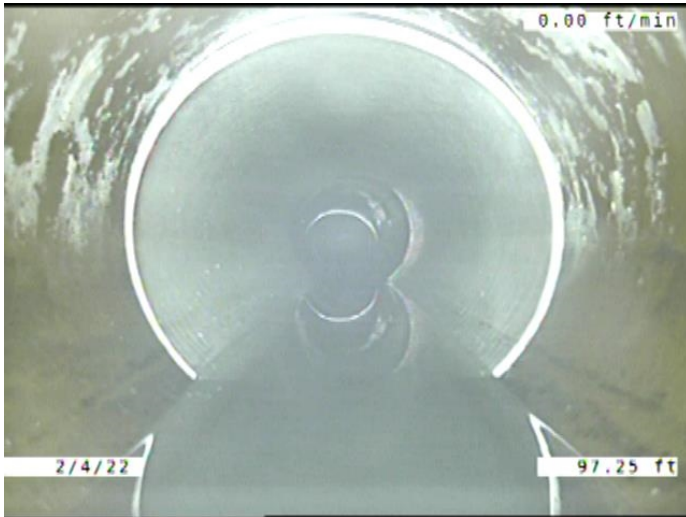
Code: **MMC**
 Description: **Miscellaneous Material Change**

Distance (ft): **75.9**
 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: **VCP TO PVC**



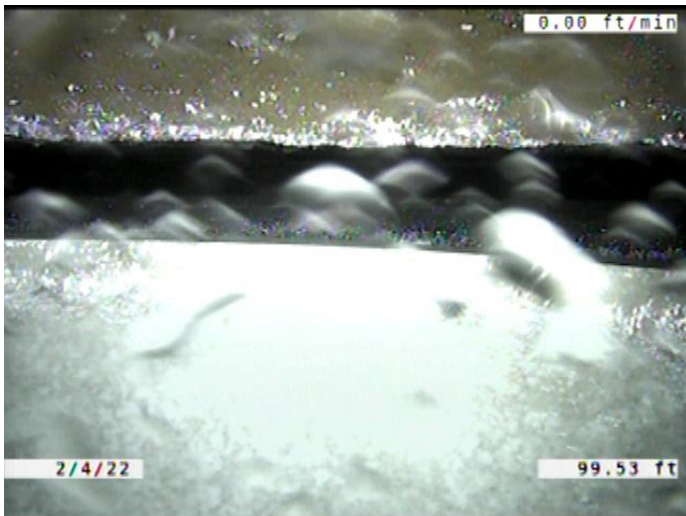
Code: **MMC**
 Description: **Miscellaneous Material Change**

Distance (ft): **80.3**
 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: **PVC TO VCP**



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

Distance (ft): **97.2**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S03**
 Within 8" of Joint: **NO**
 Remarks:



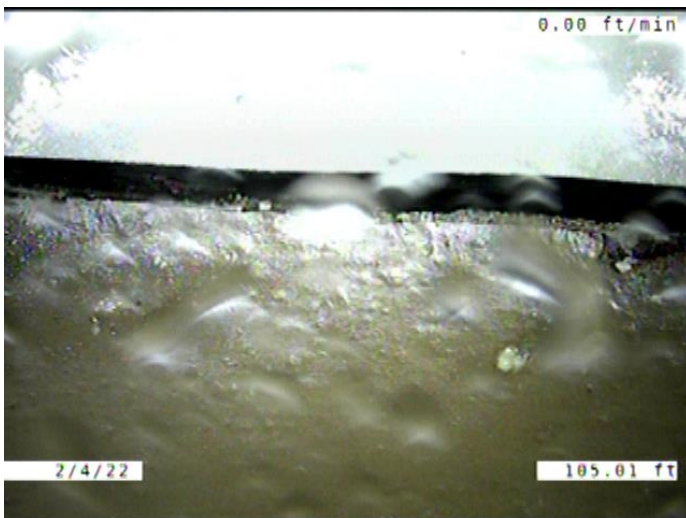
Code: **MMC**
 Description: **Miscellaneous Material Change**

Distance (ft): **99.5**
 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: **VCP TO PVC**



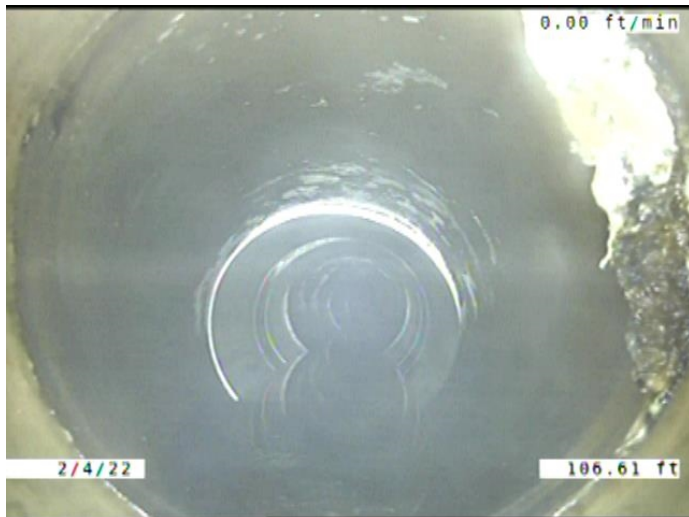
Code: **JOM**
 Description: **Joint Offset Medium**

Distance (ft): **104.7**
 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:



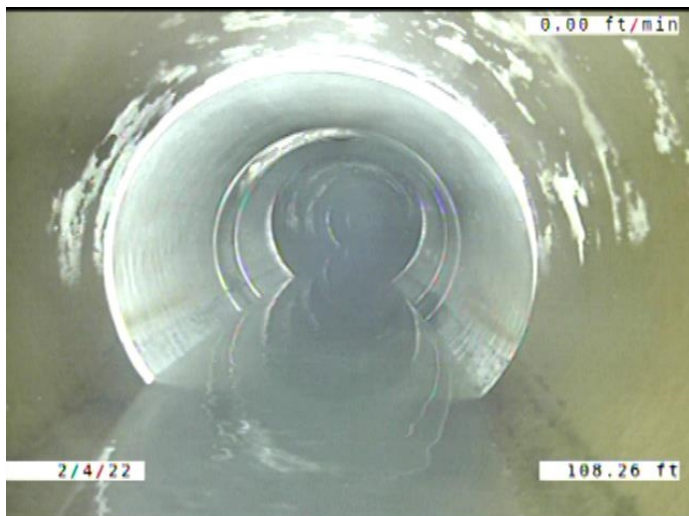
Code: **MMC**
 Description: **Miscellaneous Material Change**

Distance (ft): **105.0**
 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: **PVC TO VCP**



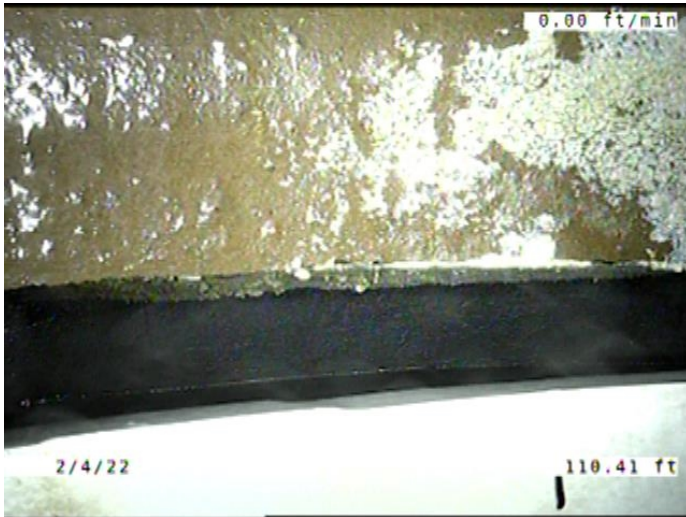
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **106.6**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F03**
 Within 8" of Joint: **NO**
 Remarks:



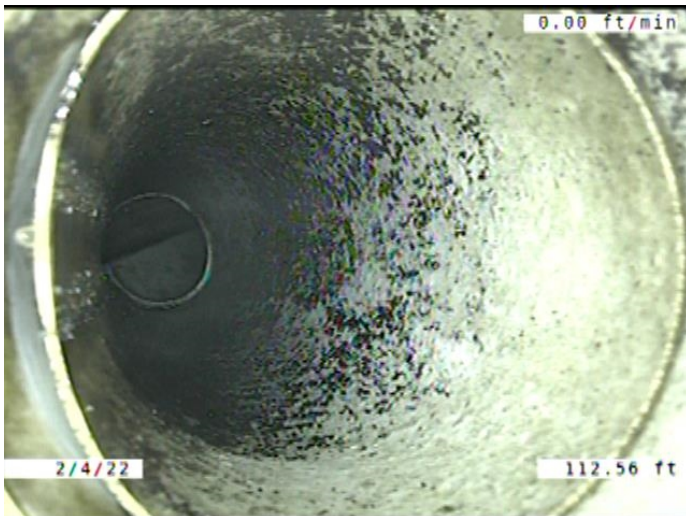
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **108.3**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **S04**
 Within 8" of Joint: **NO**
 Remarks:



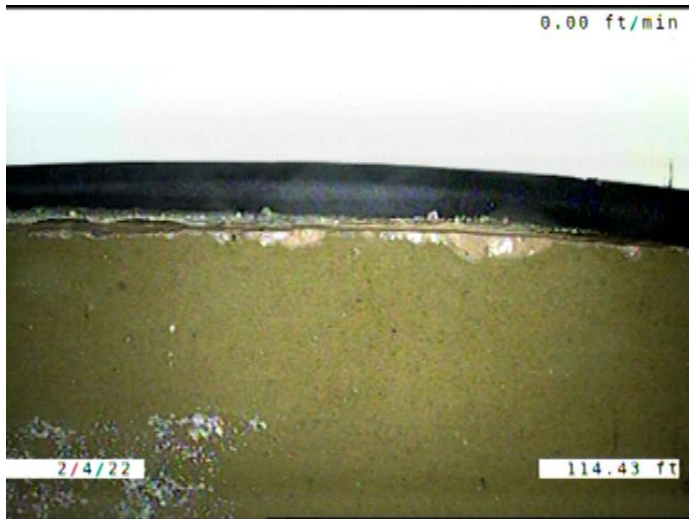
Code: **MMC**
 Description: **Miscellaneous Material Change**

Distance (ft): **110.4**
 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: **VCP TO PVC**



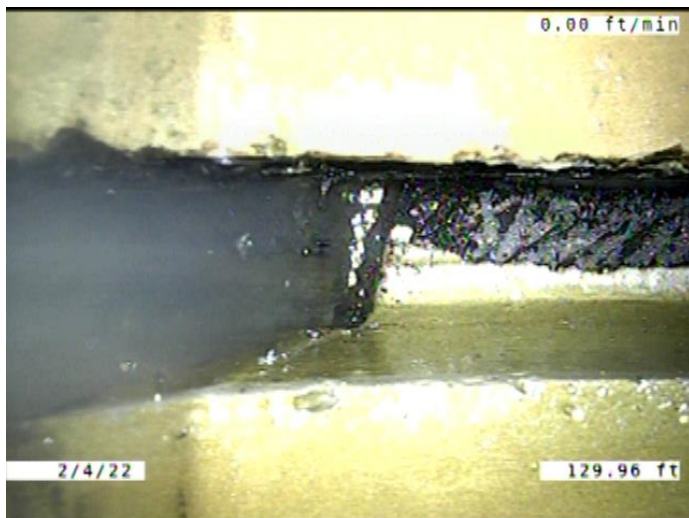
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **112.6**
 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:



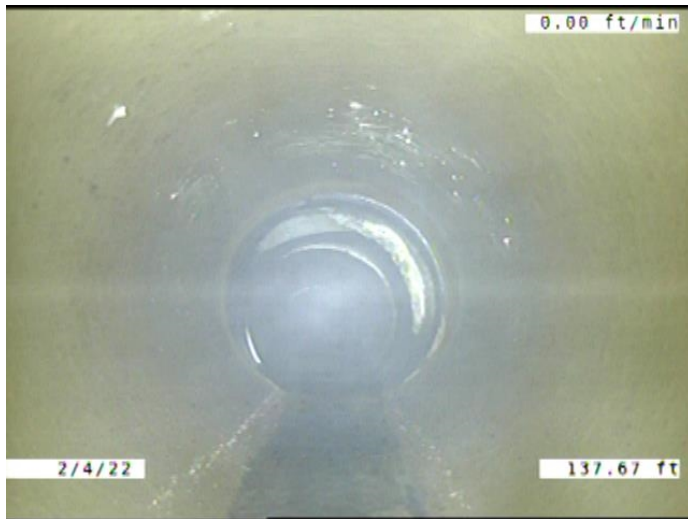
Code: **MMC**
Description: **Miscellaneous Material Change**

Distance (ft): **114.4**
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: **PVC TO VCP**



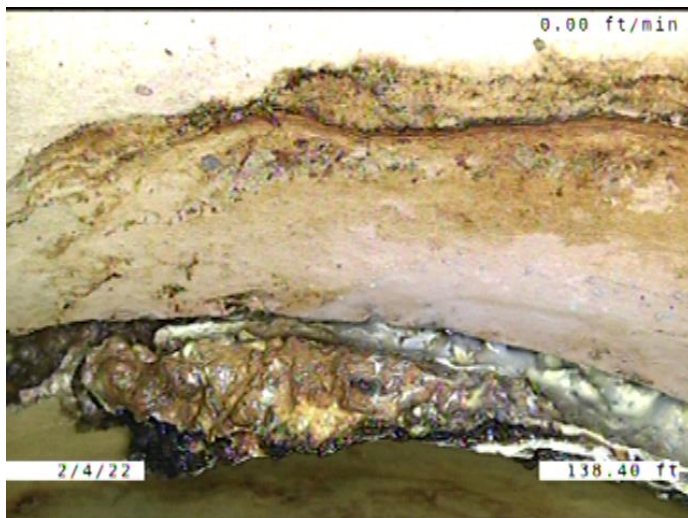
Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **130.0**
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: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **137.7**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **F04**
 Within 8" of Joint: **NO**
 Remarks:



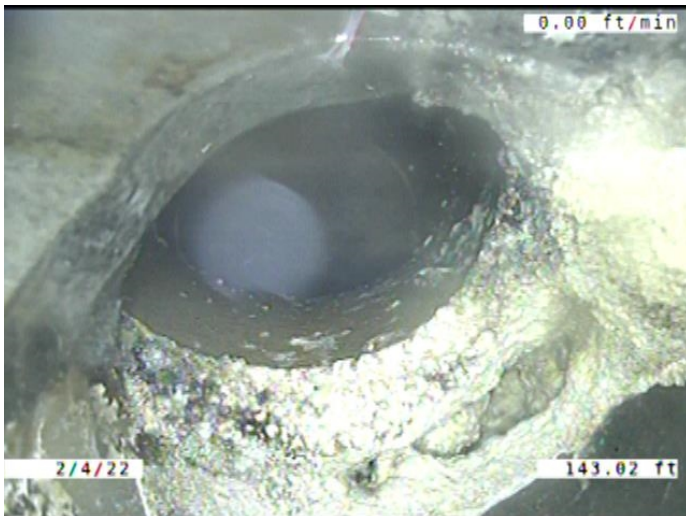
Code: **IRJ**
 Description: **Infiltration Runner Joint**

Distance (ft): **138.4**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From: **1**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **142.0**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



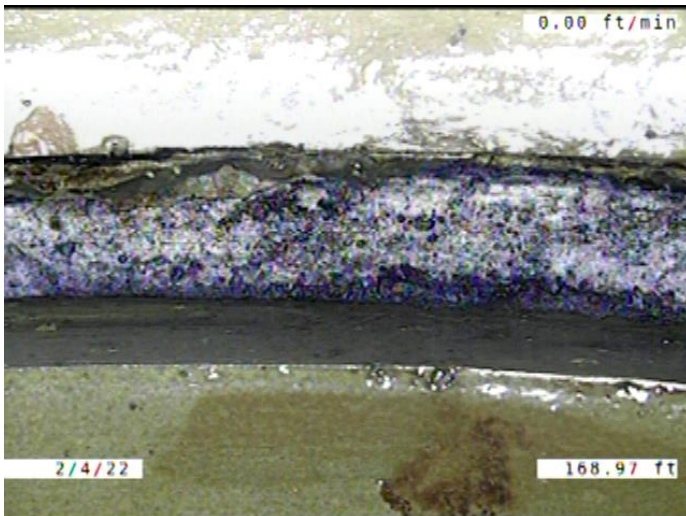
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **143.0**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **12**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **CRACKED. CONNECTION FROM MAIN TO SERVICE OFFSET. ENCRUST**



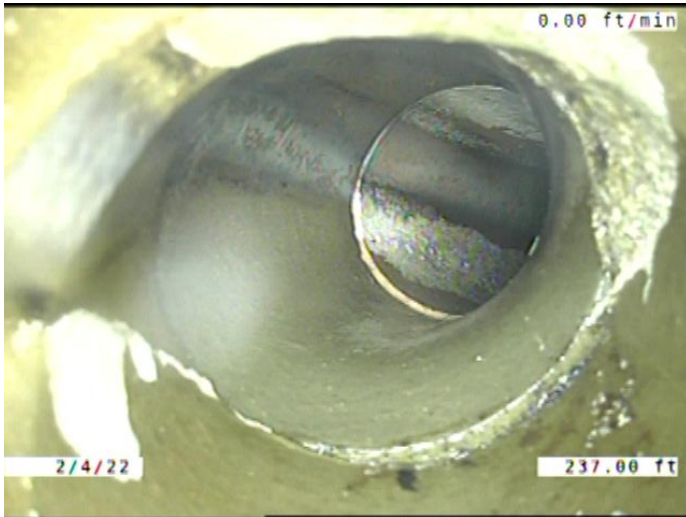
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **147.2**
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:

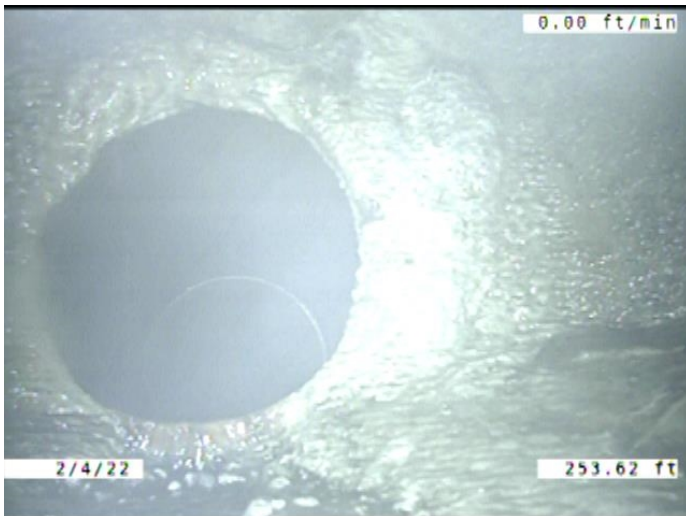


Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **169.0**
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):	237.0
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:	ENCUSTATION COMING DOWN THE SERVICE INTO THE MAIN



Code:	DAE
Description:	Deposits Attached Encrustation
Distance (ft):	253.6
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):	254.1
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-606-086