

Profile/Photo Observation Report



Date:	02/28/2024	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	179.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:		Surveyor:	S. Bucklin	PSR:	P-606-075-074
Customer:	City of Hobart	Clean Date:	12/02/2023	Shape:	C

Street:	S CONNECTICUT ST	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Easement/Right of Way	Tape/Media #:	
Purpose:	Sewer System Evaluation Survey (SS)	Dia/Height:	12"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Upstream
US MH:	M-606-074	DS MH:	M-606-075
		Total Length Surveyed (ft):	180.8

O&M Index:	2.14	O&M Quick:	4133	O&M Rating:	79.00
Structural Index:	2.63	Structural Quick:	5141	Structural Rating:	84.00
Overall Index:	2.36	Overall Quick:	5142	Overall Rating:	163.00

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	94	NA
	.0	MGO	Miscellaneous General Observation	101	NA
	8.5	DAE(S01)	Deposits Attached Encrustation	265	M 2
	9.4	MWLS(S02)	Miscellaneous Water Level Sag	288	S 2
	16.1	MWLS(F02)	Miscellaneous Water Level Sag	329	S 2
	20.5	JOM	Joint Offset Medium	359	S 3
	20.6	JAM	Joint Angular Medium	404	S 3
	20.6	RPR(S03)	Point Repair Replacement	421	NA
	20.6	MWLS(S04)	Miscellaneous Water Level Sag	438	S 2
	23.1	TF	Tap Factory	466	NA
	27.5	TF	Tap Factory	538	NA
	28.9	RPR(F03)	Point Repair Replacement	589	NA
	32.1	CM	Crack Multiple	657	S 3
	37.0	JOMD	Joint Offset Medium Defective	735	S 3
	40.8	IRJ	Infiltration Runner Joint	845	M 4
	47.3	MWLS(F04)	Miscellaneous Water Level Sag	890	S 2
	49.2	JOMD	Joint Offset Medium Defective	956	S 3
	60.0	MWLS(S05)	Miscellaneous Water Level Sag	1025	S 2

60.9	IDJ	Infiltration Dripper Joint	1064	M 3
65.0	MWLS(F05)	Miscellaneous Water Level Sag	1164	S 2
72.7	JOM	Joint Offset Medium	1227	S 3
72.7	RPR(S06)	Point Repair Replacement	1263	NA
79.8	TF	Tap Factory	1364	NA
81.4	RPR(F06)	Point Repair Replacement	1437	NA
93.3	CM	Crack Multiple	1524	S 3
97.3	CM	Crack Multiple	1591	S 3
100.8	MWLS(S07)	Miscellaneous Water Level Sag	1622	S 2
113.2	JOMD	Joint Offset Medium Defective	1746	S 3
121.2	JOMD	Joint Offset Medium Defective	1852	S 3
123.6	MWLS(F07)	Miscellaneous Water Level Sag	1887	S 2
130.0	MWLS(S08)	Miscellaneous Water Level Sag	1927	S 2
133.0	RPR(S09)	Point Repair Replacement	1979	NA
135.1	TF	Tap Factory	2012	NA
136.6	RPR(F09)	Point Repair Replacement	2059	NA
139.3	TFD	Tap Factory Defective	2161	M 3
143.6	MWLS(F08)	Miscellaneous Water Level Sag	2214	S 2
156.7	BSV	Broken Soil Visible	2321	S 5
157.1	JOMD	Joint Offset Medium Defective	2385	S 3
164.9	FM	Fracture Multiple	2478	S 4
166.2	TFD	Tap Factory Defective	2513	M 3
167.2	JOMD	Joint Offset Medium Defective	2585	S 3
170.2	JOMD	Joint Offset Medium Defective	2671	S 3
172.4	JAM	Joint Angular Medium	2709	S 3
172.4	JOM	Joint Offset Medium	2758	S 3
172.4	RPR(S10)	Point Repair Replacement	2785	NA
172.4	DAE(F01)	Deposits Attached Encrustation	2809	M 2
180.3	RPR(F10)	Point Repair Replacement	2855	NA
180.8	AMH	Manhole	2953	NA

M-606-074



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-606-075**



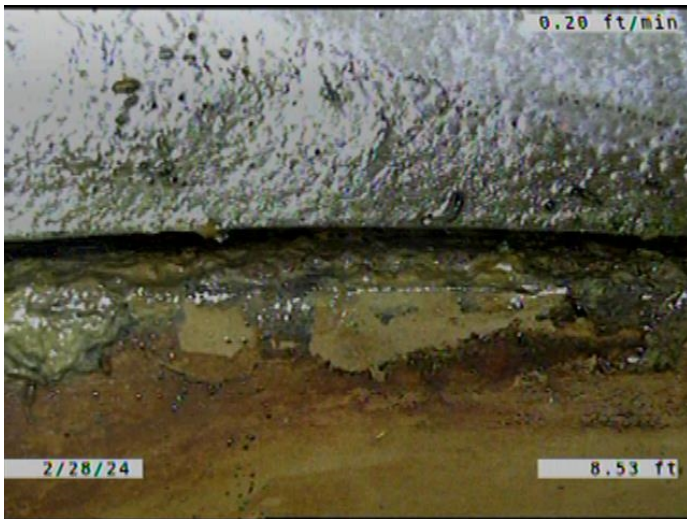
Code: **MWL**
Description: **Miscellaneous Water Level**

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:



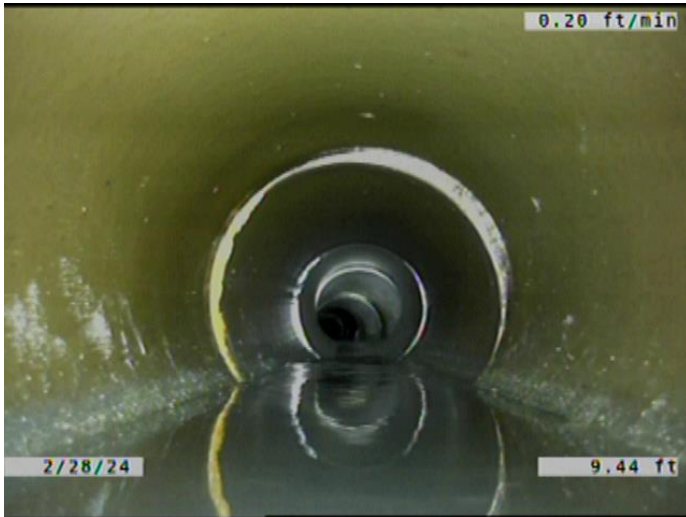
Code: **MGO**
Description: **Miscellaneous General Observation**

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: **PIPE MISSING OUT OF THE BOTTOM OF THE CHANNEL.**



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

Distance (ft): **8.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:



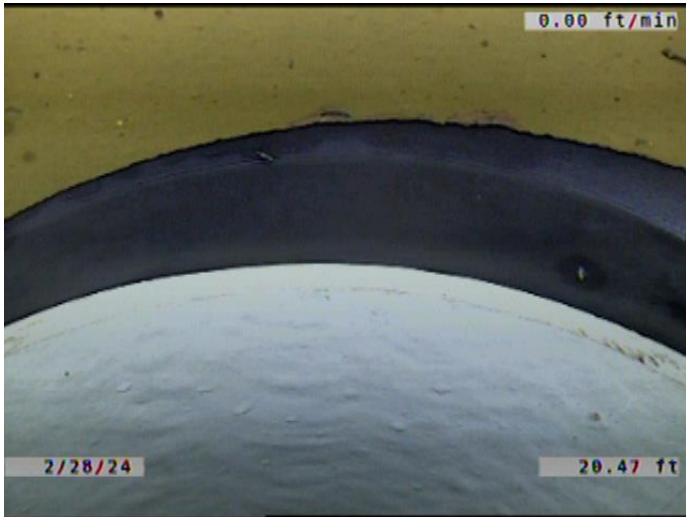
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **9.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:



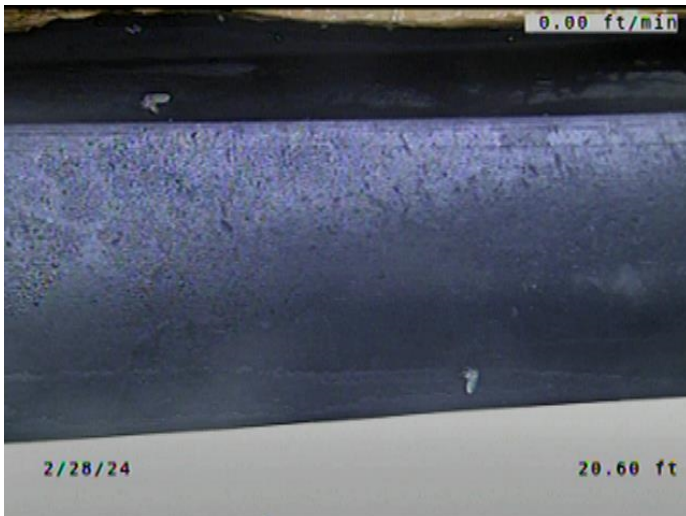
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **16.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:



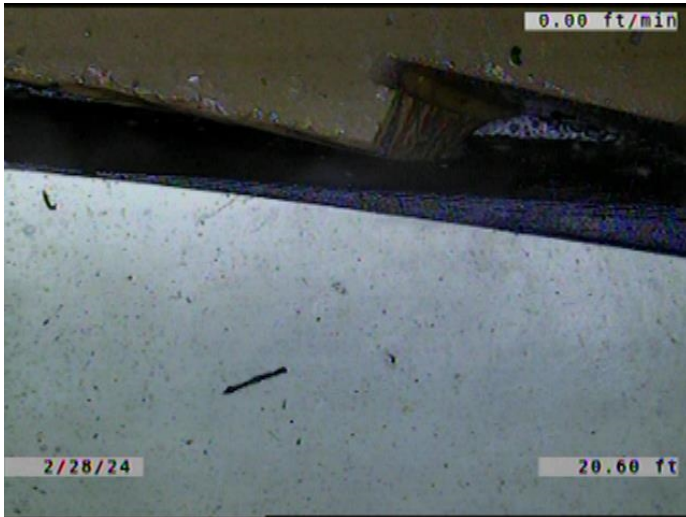
Code: **JOM**
Description: **Joint Offset Medium**

Distance (ft): **20.5**
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: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **20.6**
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:



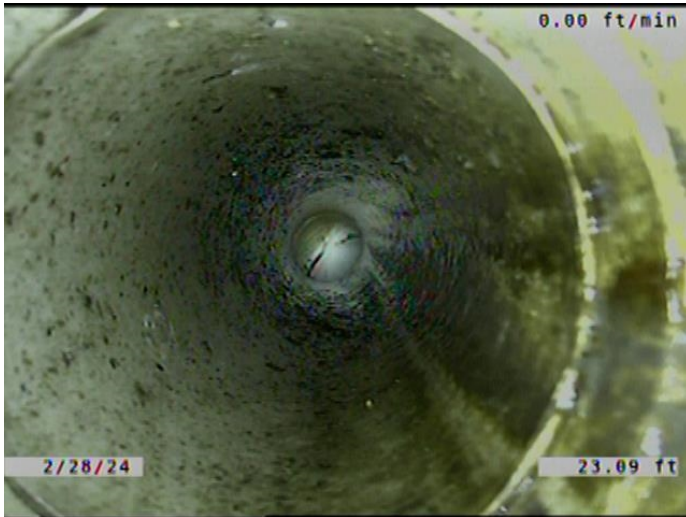
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **20.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S03**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



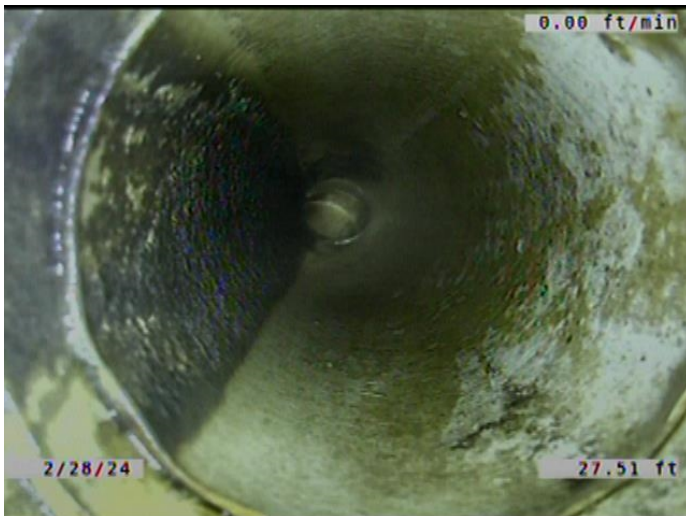
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **20.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **S04**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **23.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **CONSTANTLY RUNNING WATER.**



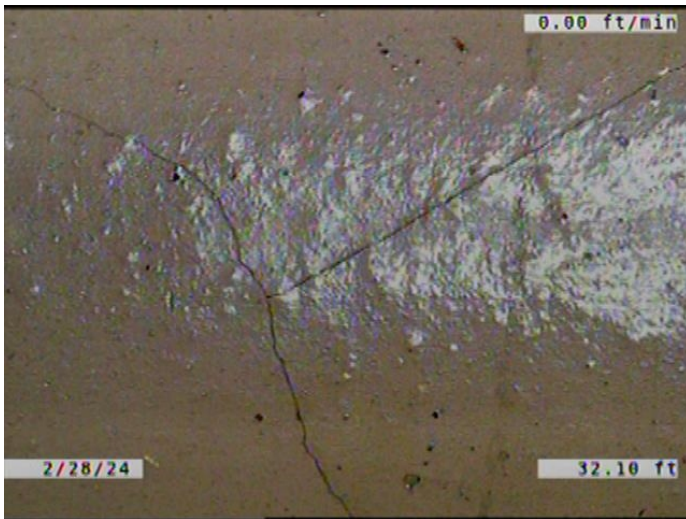
Code: **TF**
Description: **Tap Factory**

Distance (ft): **27.5**
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:



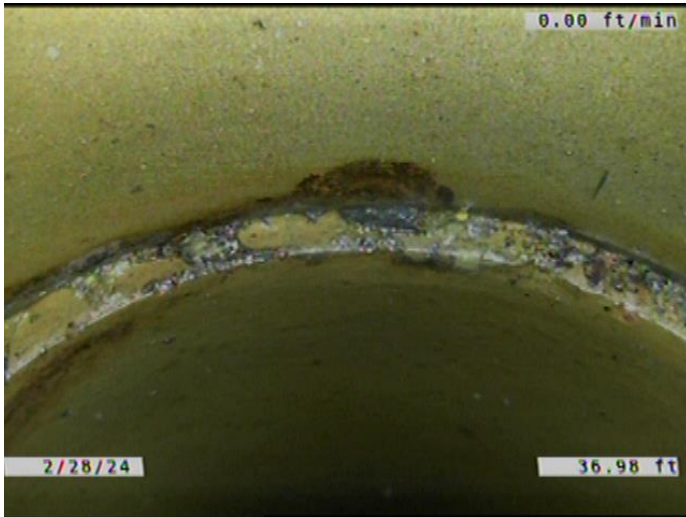
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **28.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F03**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



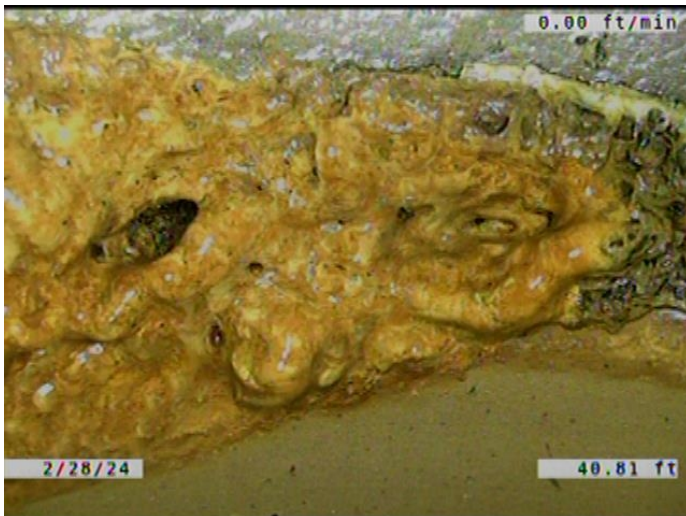
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **32.1**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **1**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



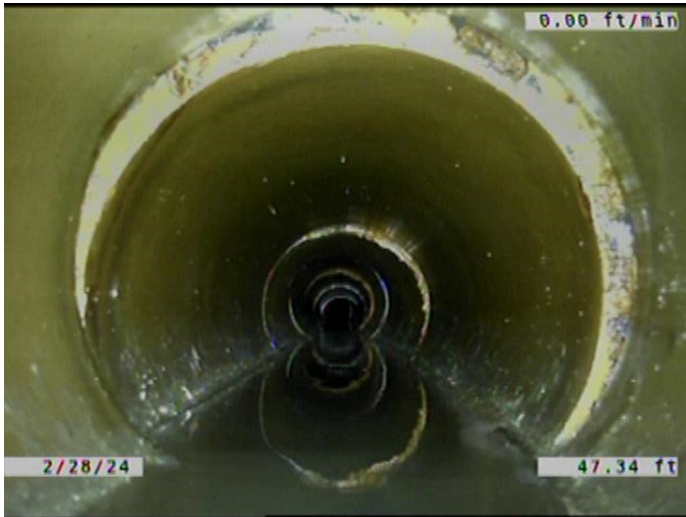
Code: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **37.0**
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:



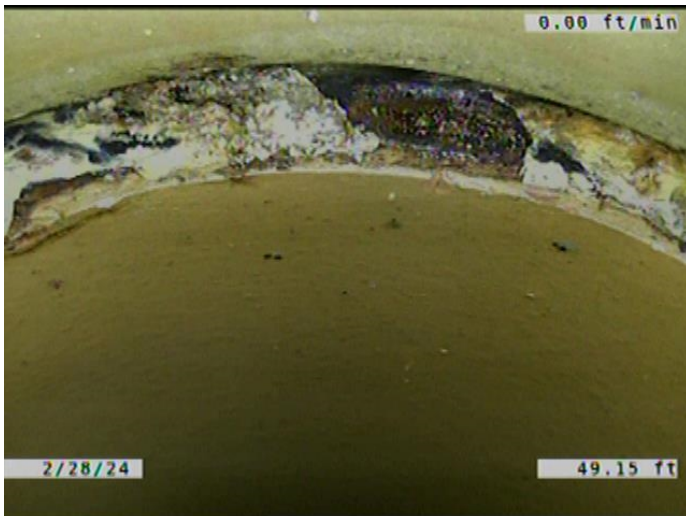
Code: **IRJ**
Description: **Infiltration Runner Joint**

Distance (ft): **40.8**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **11**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



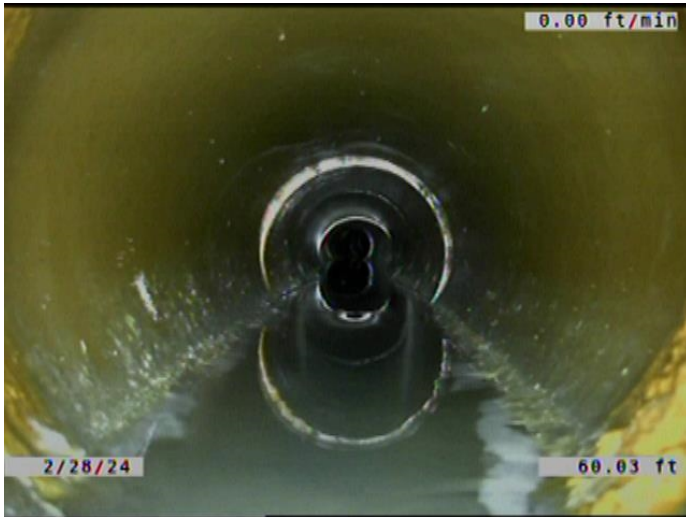
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **47.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **F04**
Within 8" of Joint: **NO**
Remarks:



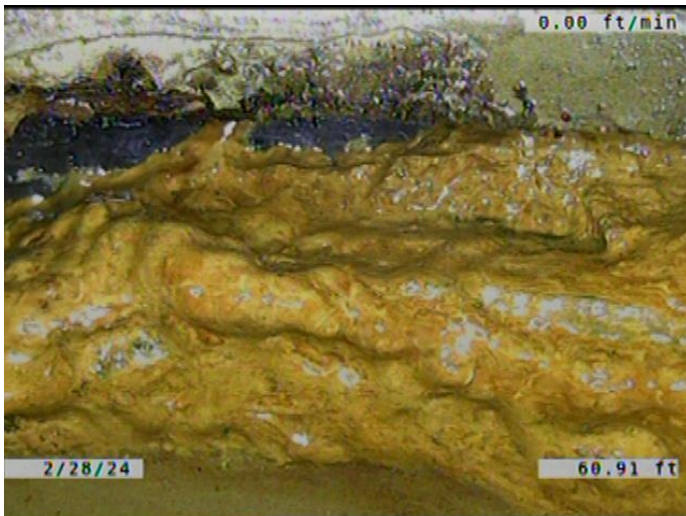
Code: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **49.2**
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:



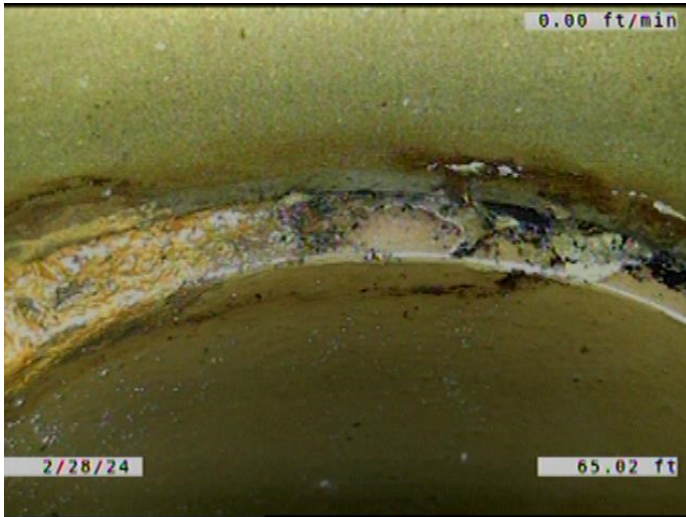
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **60.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S05**
Within 8" of Joint: **NO**
Remarks:



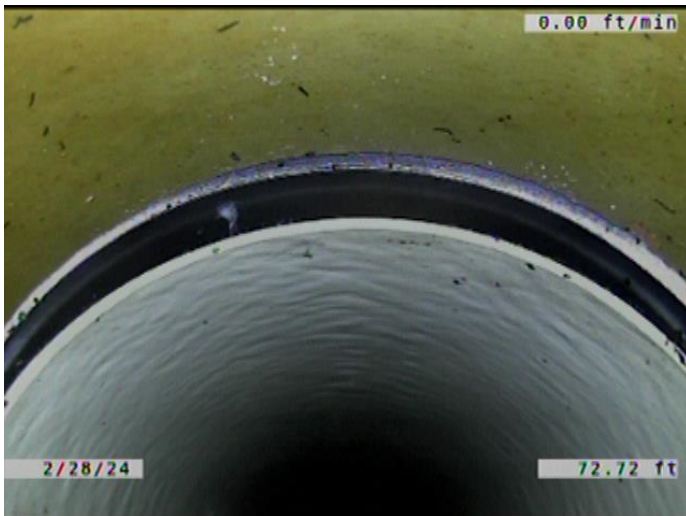
Code: **IDJ**
Description: **Infiltration Dripper Joint**

Distance (ft): **60.9**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **1**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



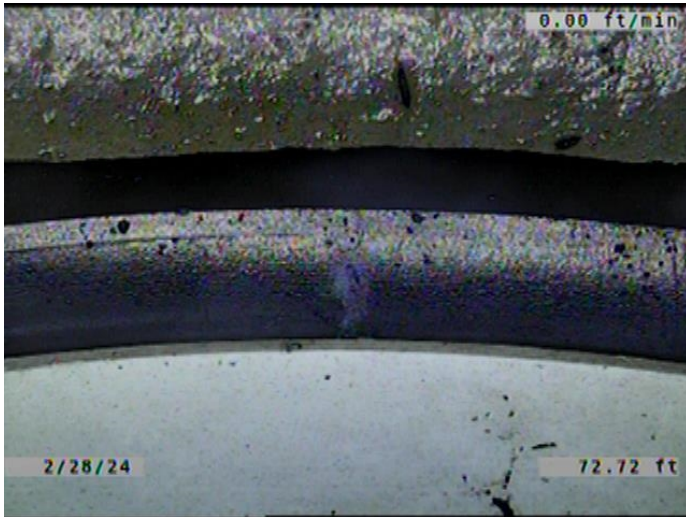
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **65.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F05**
Within 8" of Joint: **NO**
Remarks:



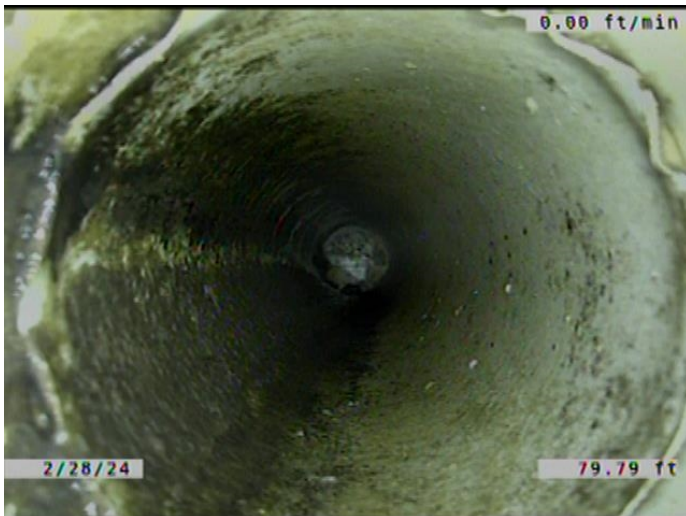
Code: **JOM**
Description: **Joint Offset Medium**

Distance (ft): **72.7**
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:



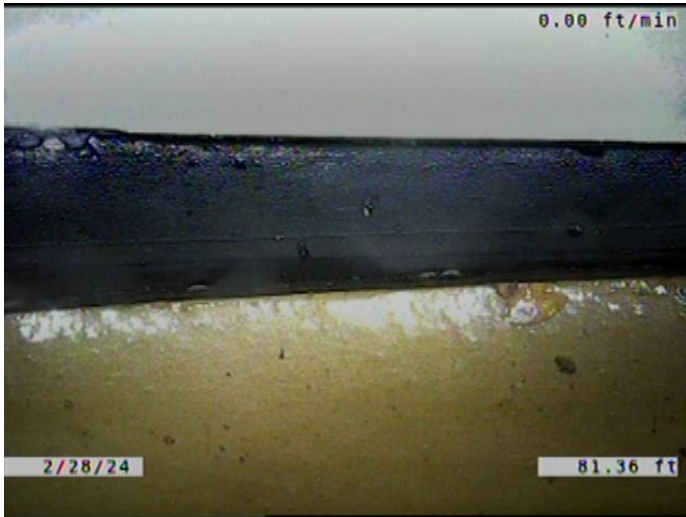
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **72.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S06**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



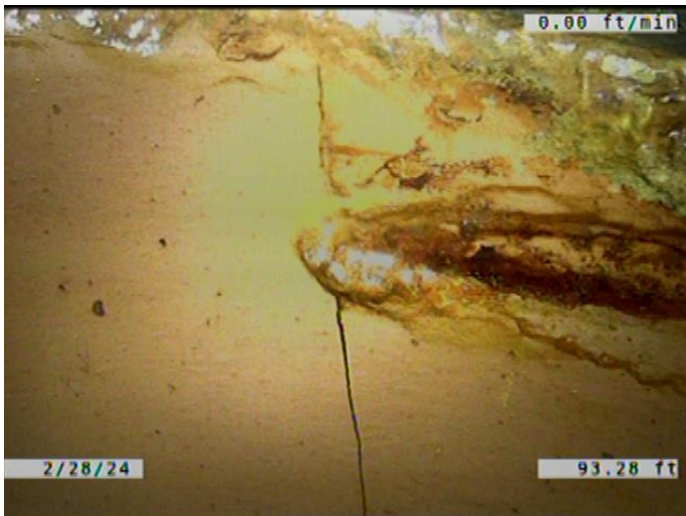
Code: **TF**
Description: **Tap Factory**

Distance (ft): **79.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **81.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F06**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



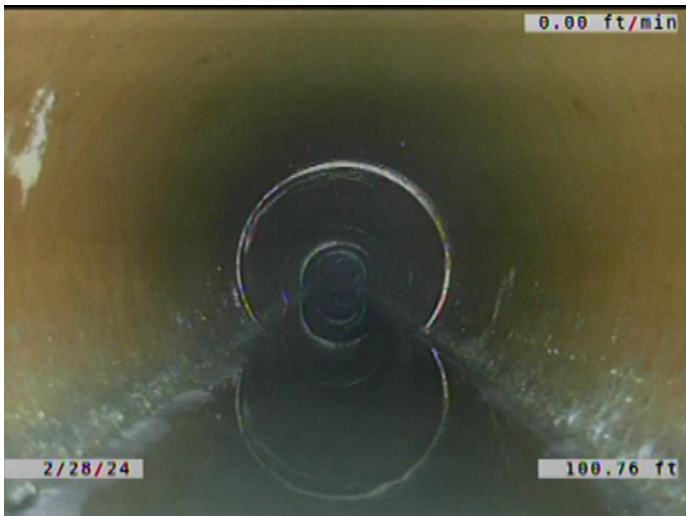
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **93.3**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **1**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



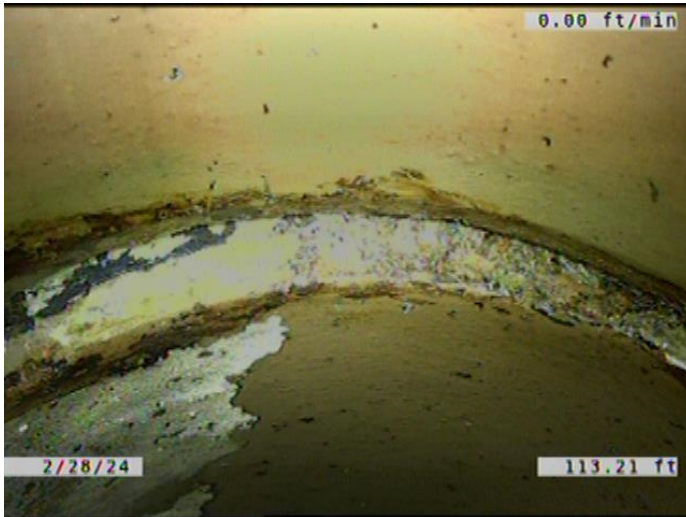
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **97.3**
Structural Grade: **3**
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:



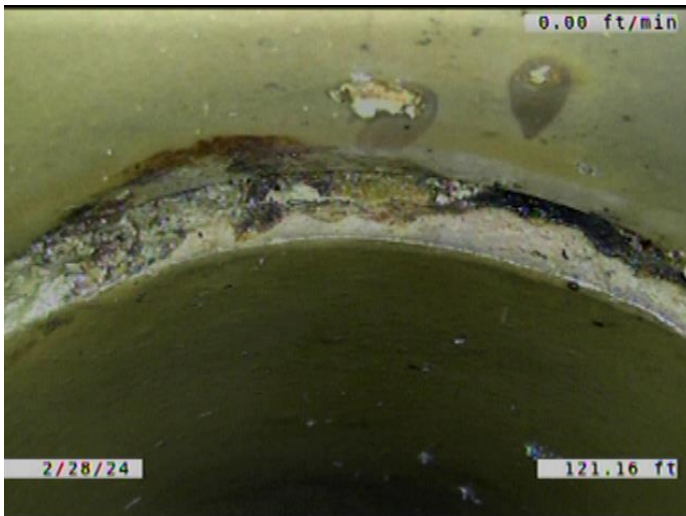
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **100.8**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S07**
Within 8" of Joint: **NO**
Remarks:



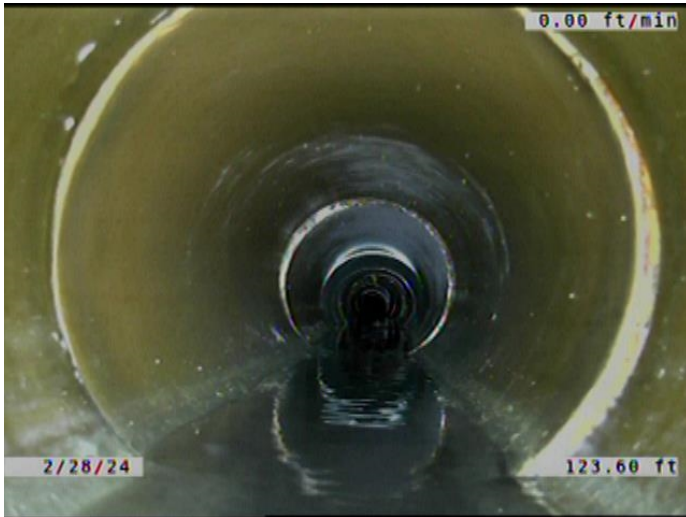
Code: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **113.2**
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: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **121.2**
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:



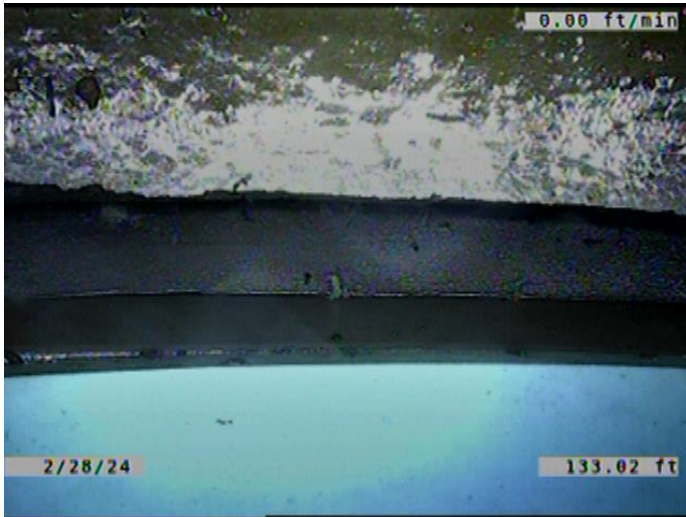
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **123.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F07**
Within 8" of Joint: **NO**
Remarks:



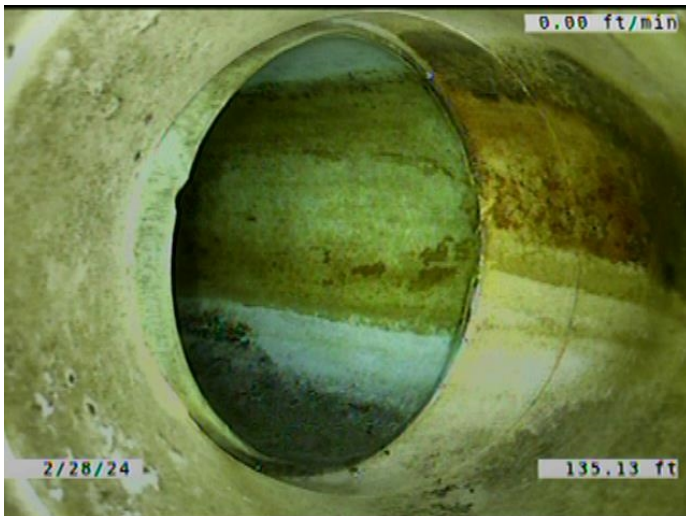
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **130.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S08**
Within 8" of Joint: **NO**
Remarks:



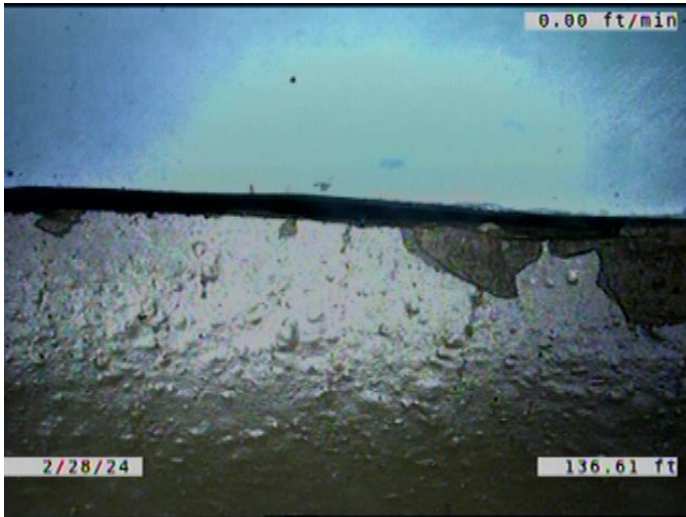
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **133.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S09**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



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

Distance (ft): **135.1**
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.**



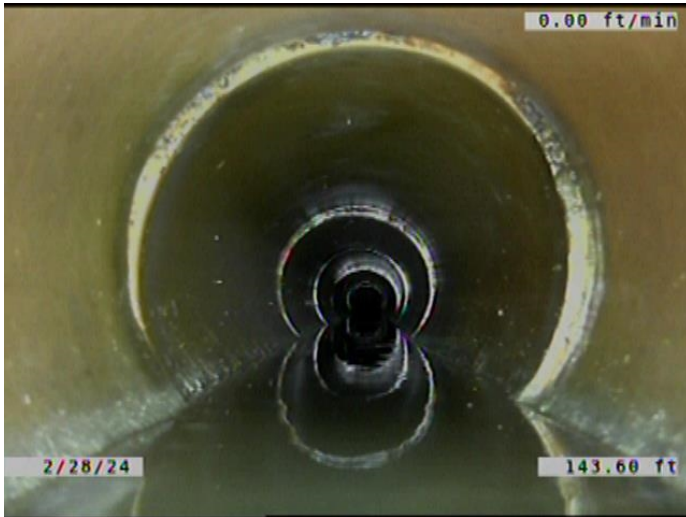
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **136.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F09**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



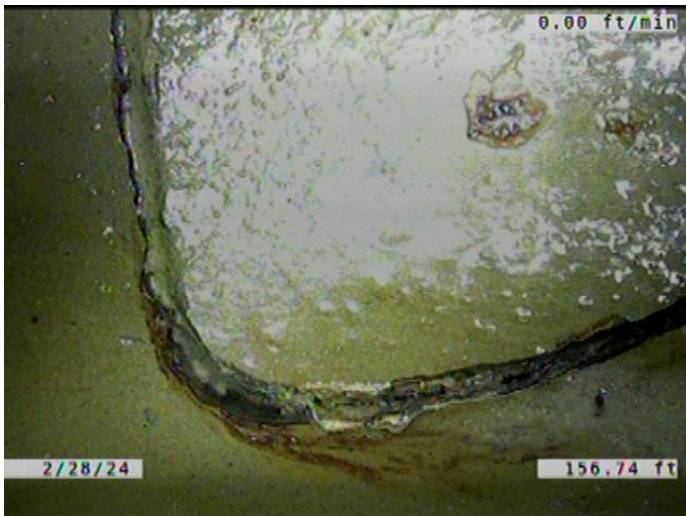
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **139.3**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **11**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **SERVICE TO MAIN CONNECTION
LARGE OFFSET. SOIL VISIBLE. SERVIC**



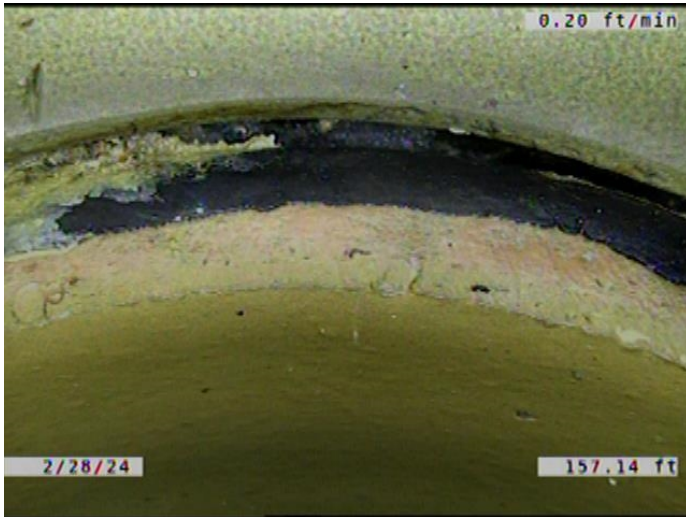
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **143.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F08**
Within 8" of Joint: **NO**
Remarks:



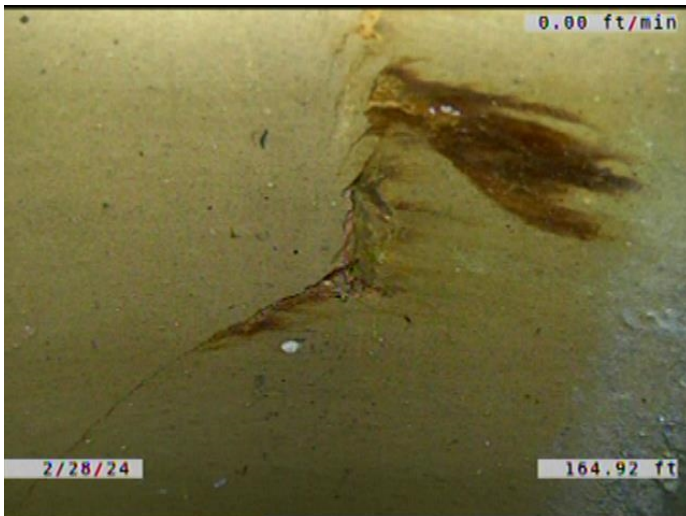
Code: **BSV**
Description: **Broken Soil Visible**

Distance (ft): **156.7**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **4**
Clock To: **9**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



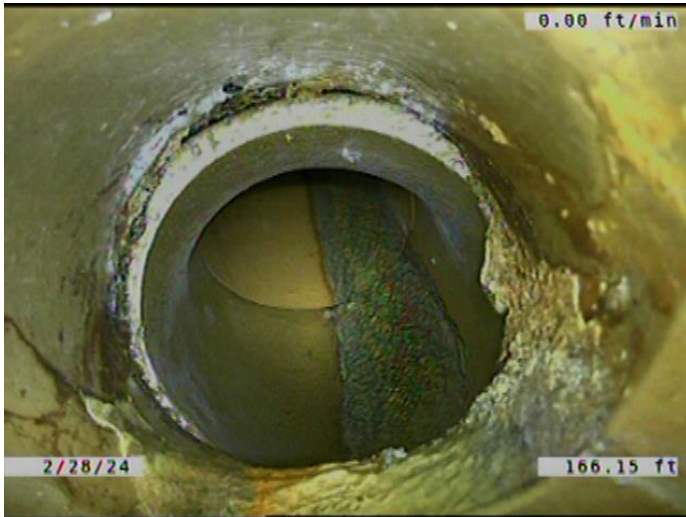
Code: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **157.1**
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: **FM**
Description: **Fracture Multiple**

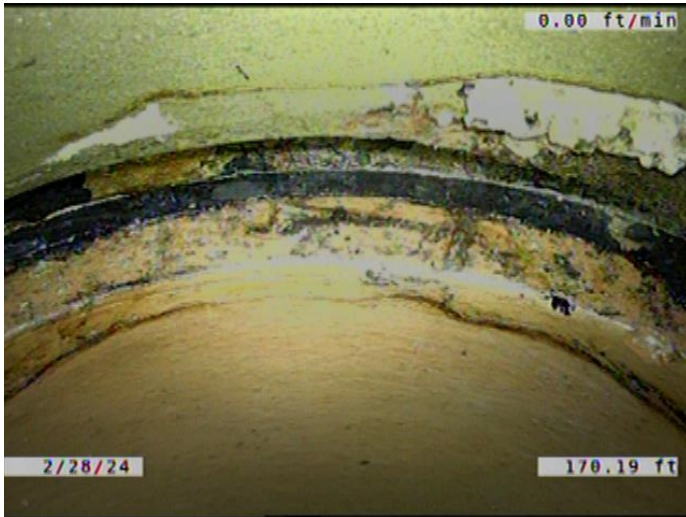
Distance (ft): **164.9**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code:	TFD
Description:	Tap Factory Defective
Distance (ft):	166.2
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:	TAP BROKEN. SERVICE OFFSET. ENCrustation COMING DOWN THE



Code:	JOMD
Description:	Joint Offset Medium Defective
Distance (ft):	167.2
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:	



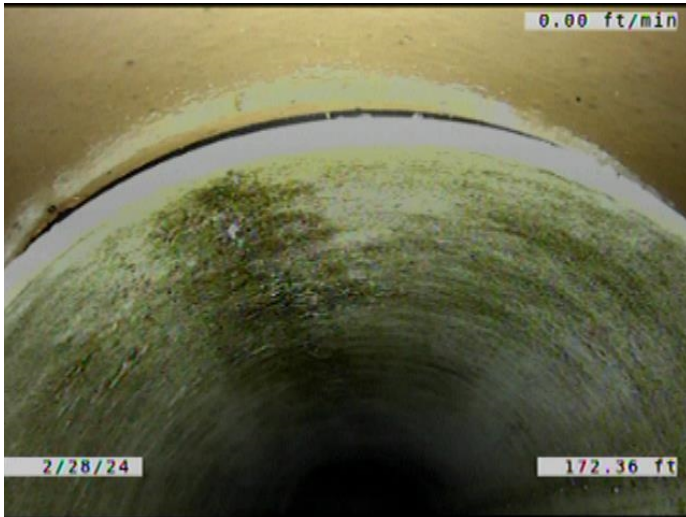
Code: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **170.2**
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:



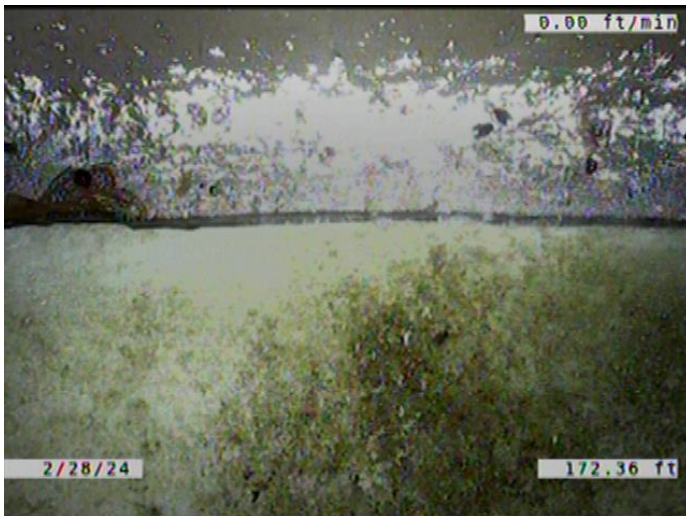
Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **172.4**
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: **JOM**
Description: **Joint Offset Medium**

Distance (ft): **172.4**
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: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **172.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S10**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



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

Distance (ft): **172.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **180.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F10**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



Code:	AMH
Description:	Manhole
Distance (ft):	180.8
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:	M-606-074