

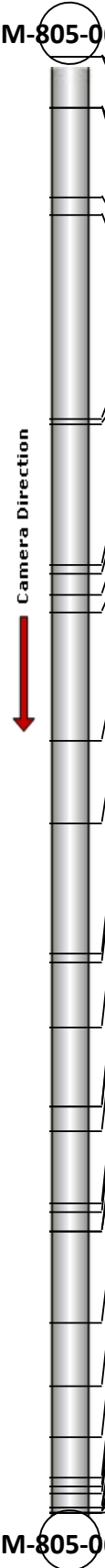
Profile/Photo Observation Report

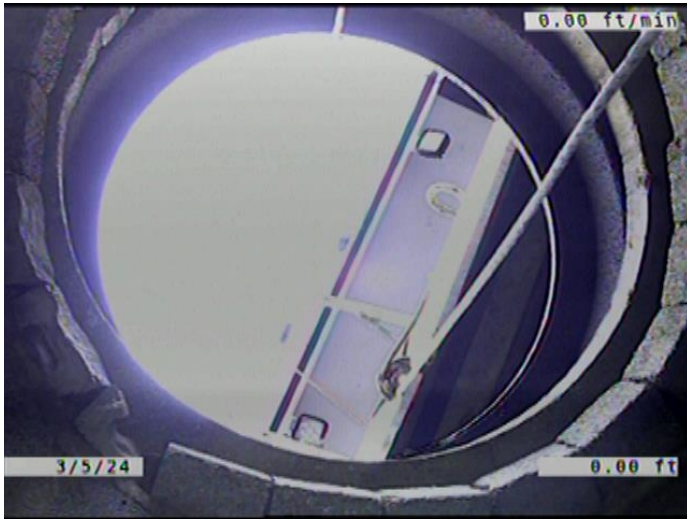


Date:	03/05/2024	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	215.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:		Surveyor:	S. Bucklin	PSR:	P-805-066.1-066.2
Customer:	City of Hobart	Clean Date:	10/17/2022	Shape:	C

Street:	SR-130	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Parking Lot	Tape/Media #:	
Purpose:	Sewer System Evaluation Survey (SS	Dia/Height:	6"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-805-066.1	DS MH:	M-805-066.2
		Total Length Surveyed (ft):	211.4

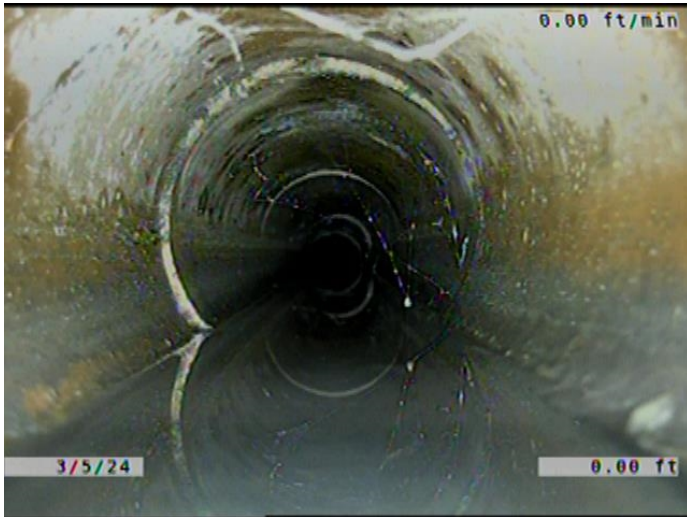
O&M Index:	2.07	O&M Quick:	332A	O&M Rating:	31.00
Structural Index:	2.72	Structural Quick:	5141	Structural Rating:	177.00
Overall Index:	2.60	Overall Quick:	5141	Overall Rating:	208.00

	Position	Code	Observation	Video (sec)	Grade
M-805-066.1					
	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	81	NA
	7.4	JOMD(S01)	Joint Offset Medium Defective	166	S 3
	7.4	MWLS(S02)	Miscellaneous Water Level Sag	181	S 2
	20.5	MWLS(F02)	Miscellaneous Water Level Sag	338	S 2
	22.9	RPR	Point Repair Replacement	447	NA
	52.5	TFD	Tap Factory Defective	782	M 3
	53.4	HSV	Hole Soil Visible	861	S 5
	73.9	RPR(S03)	Point Repair Replacement	1094	NA
	75.1	TFD	Tap Factory Defective	1152	M 3
	78.2	RPR(F03)	Point Repair Replacement	1331	NA
	80.7	MWLS(S04)	Miscellaneous Water Level Sag	1376	S 2
	99.3	MWLS(F04)	Miscellaneous Water Level Sag	1521	S 2
	111.3	SSC	Surface Spalling of Damage Coating	1622	S 1
	130.3	DAE	Deposits Attached Encrustation	1826	M 2
	131.5	MWLS(S05)	Miscellaneous Water Level Sag	1854	S 2
	141.0	MWLS(F05)	Miscellaneous Water Level Sag	1955	S 2
	152.5	DAE(S06)	Deposits Attached Encrustation	2071	M 2
	152.5	DAE(S07)	Deposits Attached Encrustation	2093	M 2
	156.0	MWLS(S08)	Miscellaneous Water Level Sag	2147	S 2
	166.5	FL	Fracture Longitudinal	2308	S 3
	167.7	TBD	Tap Break-in/Hammer Defective	2491	M 3
	170.5	DAE(F06)	Deposits Attached Encrustation	2566	M 2
	170.5	DAE(F07)	Deposits Attached Encrustation	2574	M 2
	183.9	MWLS(F08)	Miscellaneous Water Level Sag	2676	S 2
	193.1	MWLS(S09)	Miscellaneous Water Level Sag	2766	S 2
	200.4	RFJ	Roots Fine Joint	2855	M 1
	206.2	MWLS(F09)	Miscellaneous Water Level Sag	2921	S 2
	207.5	MWLS(S10)	Miscellaneous Water Level Sag	2955	S 2
	208.6	JAM	Joint Angular Medium	3030	S 3
	210.7	RFJ	Roots Fine Joint	3080	M 1
	210.7	JAL	Joint Angular Large	3090	S 4
	211.4	MWLS(F10)	Miscellaneous Water Level Sag	3126	S 2
	211.4	JOMD(F01)	Joint Offset Medium Defective	3134	S 3
	211.4	ISGT	Intruding Sealing Material Grout	3167	M 2
	211.4	MSA	Miscellaneous Survey Abandoned	3286	NA
M-805-066.2					



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-805-066.1**



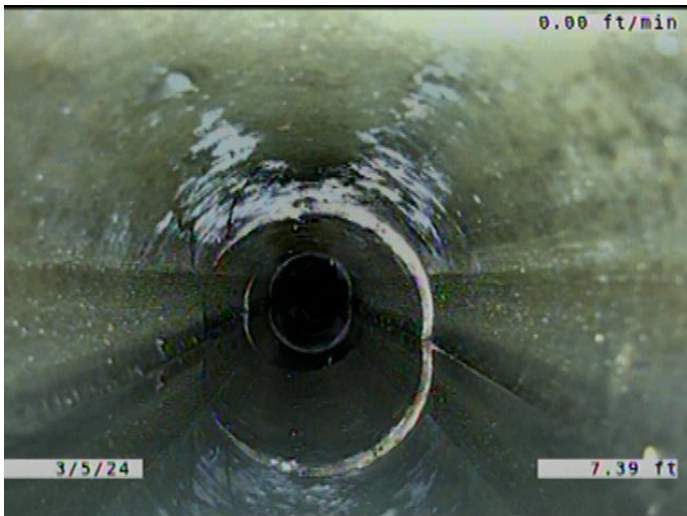
Code: **MWL**
Description: **Miscellaneous Water Level**

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:



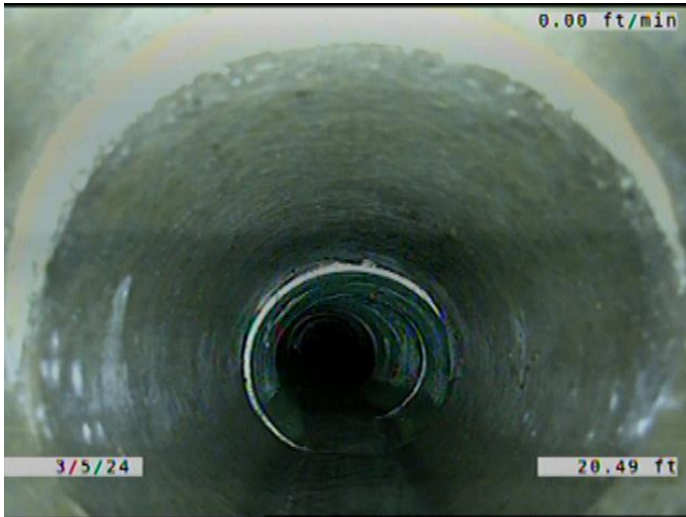
Code: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **7.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks:



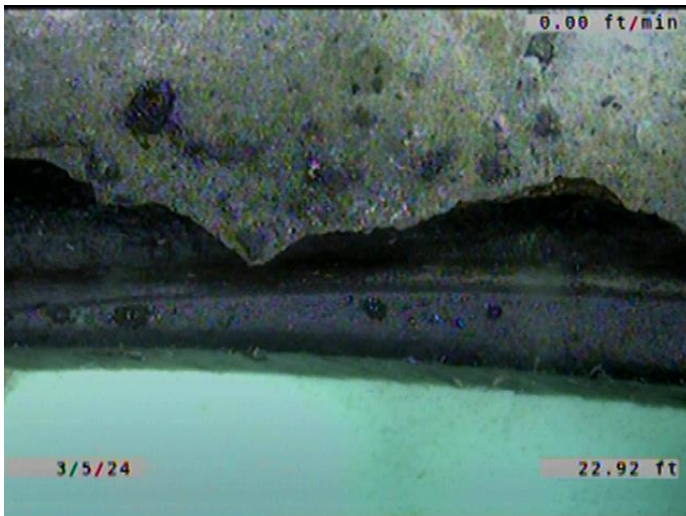
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **7.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:



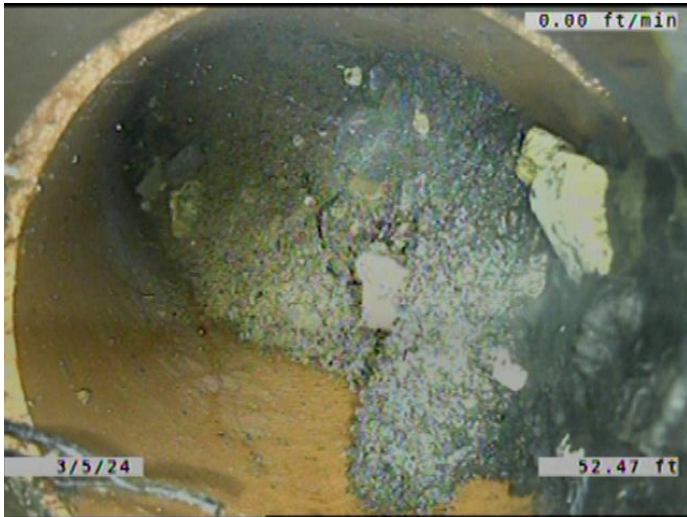
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **20.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:



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

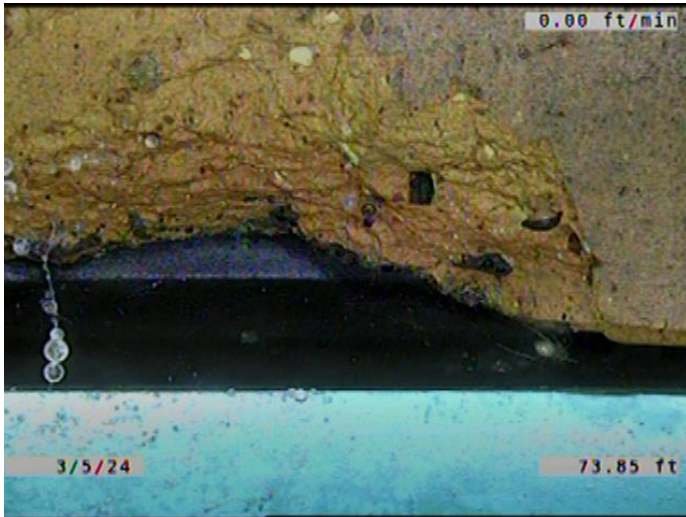
Distance (ft): **22.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



Code:	TFD
Description:	Tap Factory Defective
Distance (ft):	52.5
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	3
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	LOOKS TO BE 100% PLUGGED WITH DIRT AND ROCKS. ROOTS GROWING



Code:	HSV
Description:	Hole Soil Visible
Distance (ft):	53.4
Structural Grade:	5
O&M Grade:	0
Clock Start/From:	3
Clock To:	6
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	VOID AND SOIL VISIBLE. WATER EXITING THE PIPE.



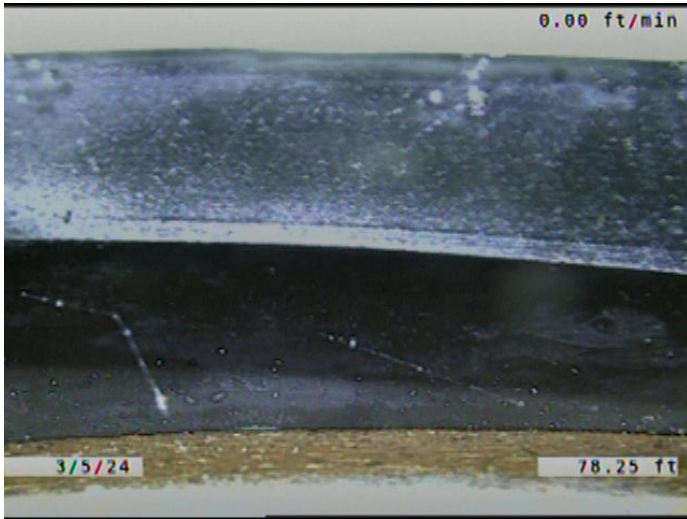
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **73.9**
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.**



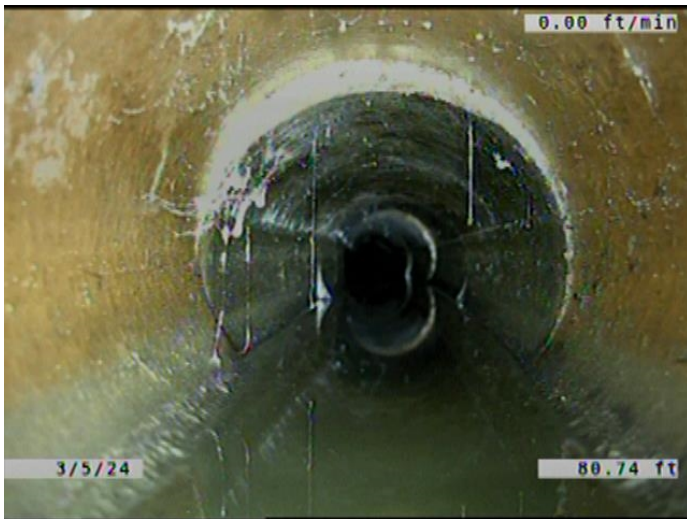
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **75.1**
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: **TAP BROKEN. SERVICE BROKEN.
SERVICE LOOKS TO BE 100% PLUGGED**



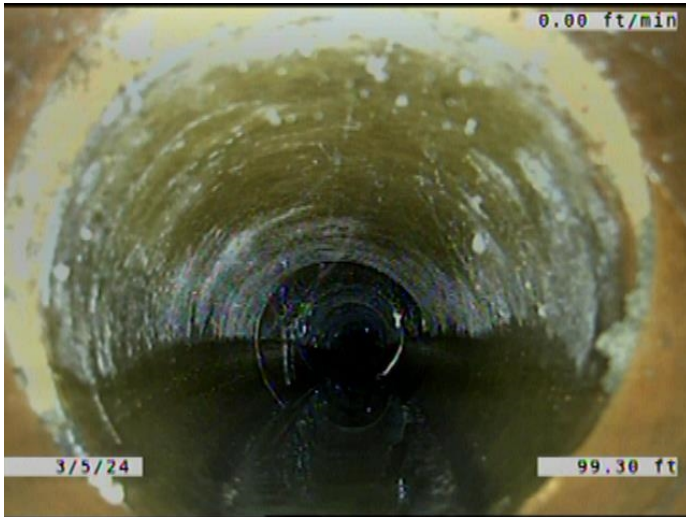
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **78.2**
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.**



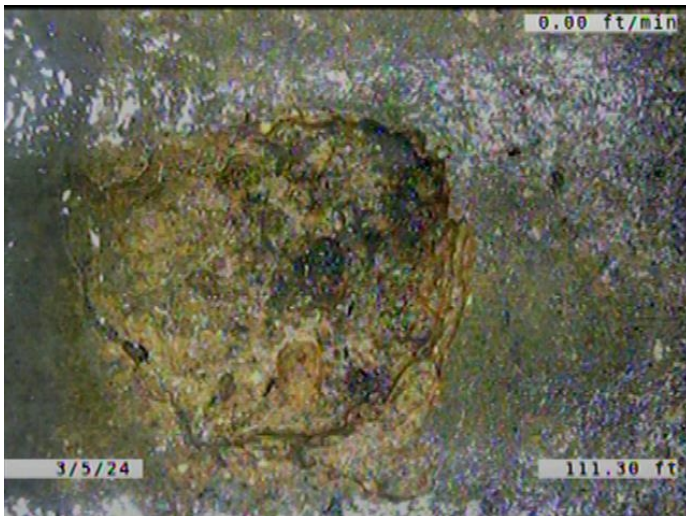
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **80.7**
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:



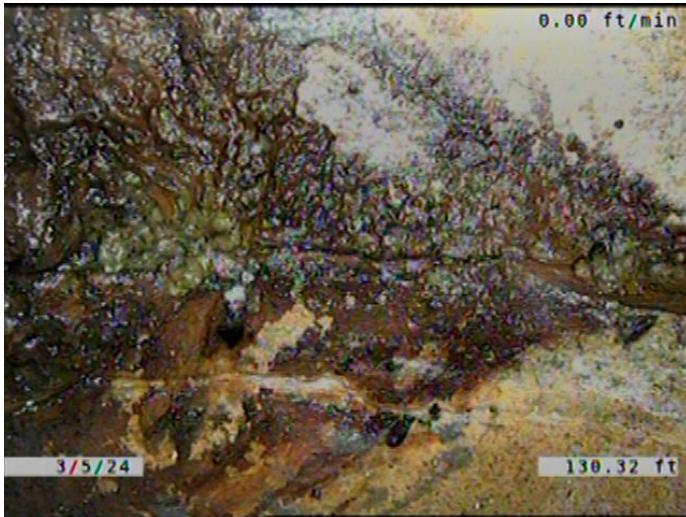
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **99.3**
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:

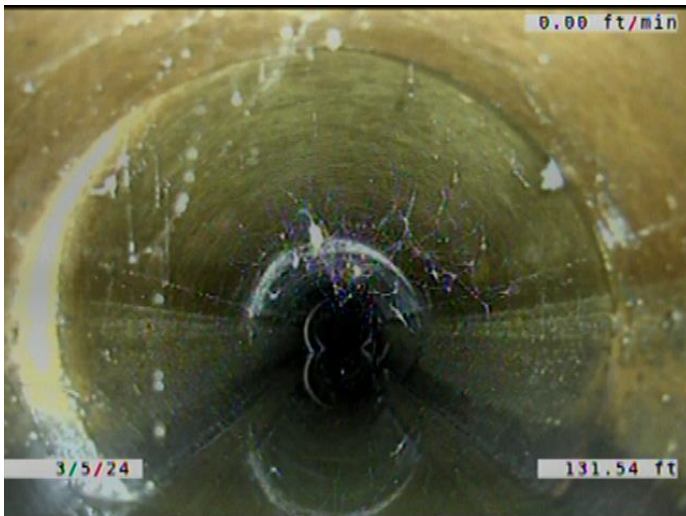


Code: **SSC**
Description: **Surface Spalling of Damage Coating**

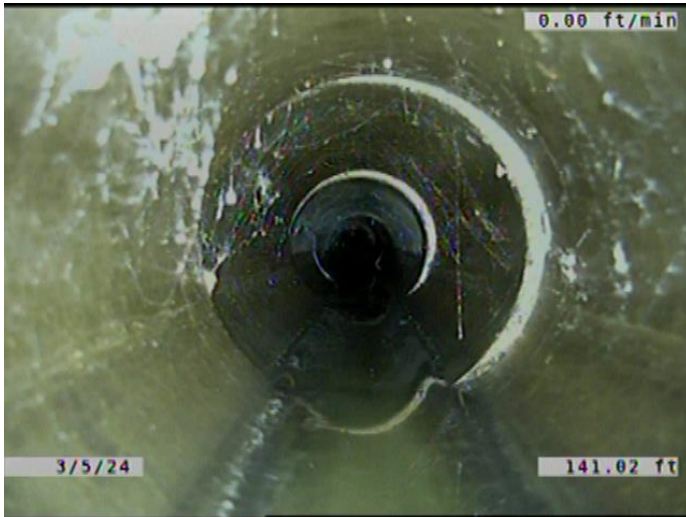
Distance (ft): **111.3**
Structural Grade: **1**
O&M Grade: **0**
Clock Start/From: **4**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code:	DAE
Description:	Deposits Attached Encrustation
Distance (ft):	130.3
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	7
Clock To:	10
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

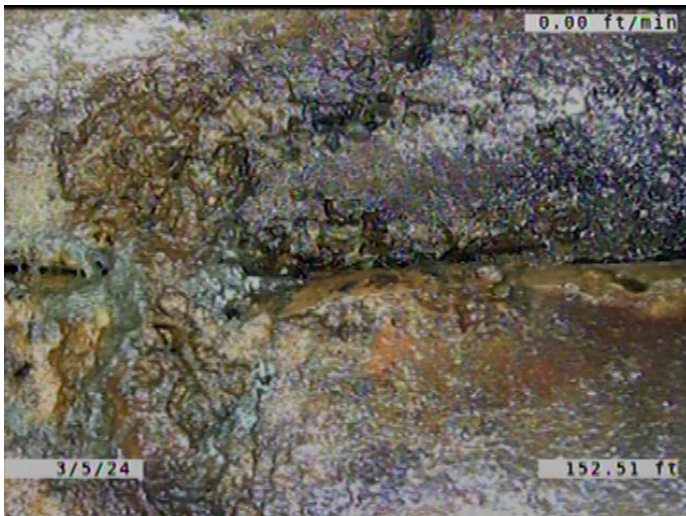


Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	131.5
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	S05
Within 8" of Joint:	NO
Remarks:	



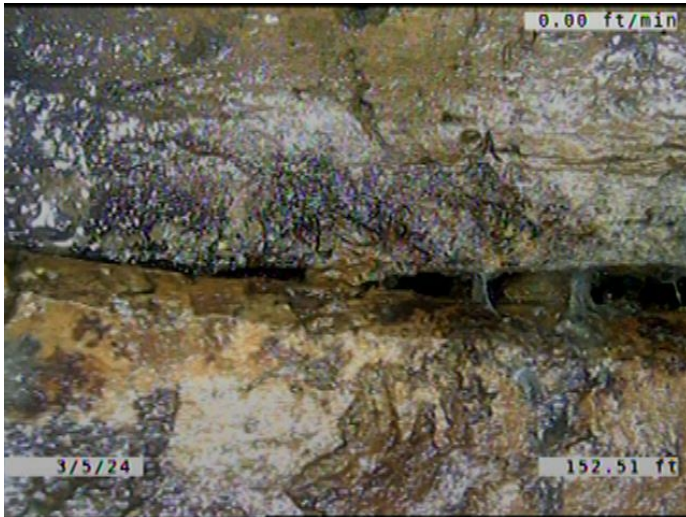
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **141.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F05**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **152.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **9**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S06**
Within 8" of Joint: **YES**
Remarks:



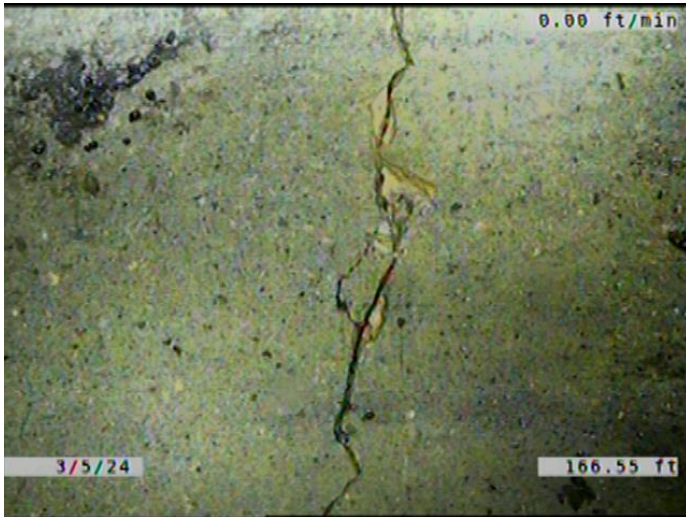
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **152.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **3**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S07**
Within 8" of Joint: **YES**
Remarks:



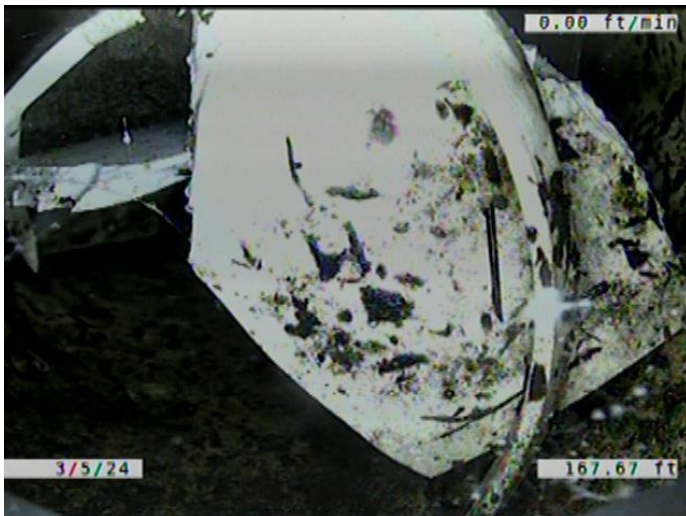
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **156.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **30.000**
Continuous Index: **S08**
Within 8" of Joint: **NO**
Remarks:



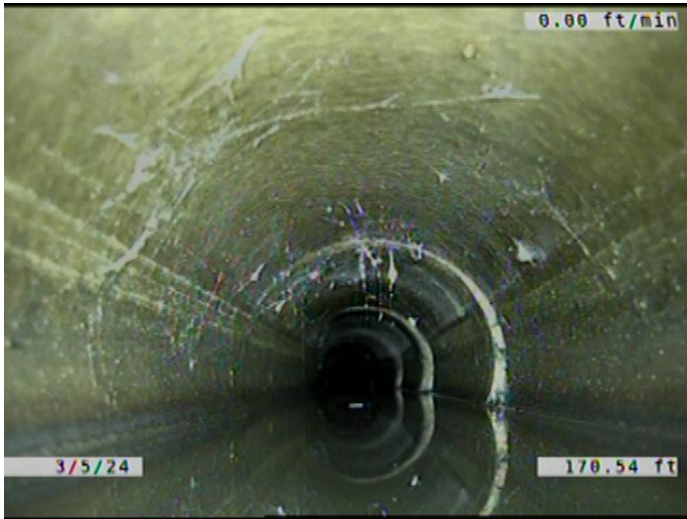
Code: **FL**
Description: **Fracture Longitudinal**

Distance (ft): **166.5**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



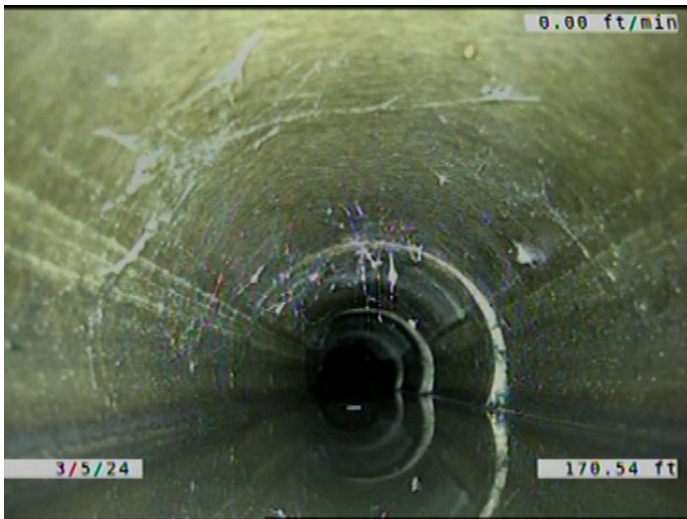
Code: **TBD**
Description: **Tap Break-in/Hammer Defective**

Distance (ft): **167.7**
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: **SERVICE CRUSHED AND COLLAPSED. PVC SERVICE.**



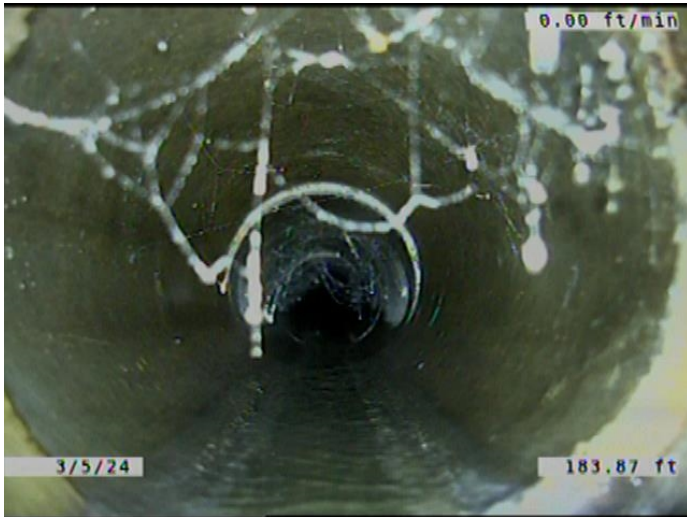
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **170.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **9**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F06**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **170.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **3**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F07**
Within 8" of Joint: **YES**
Remarks:



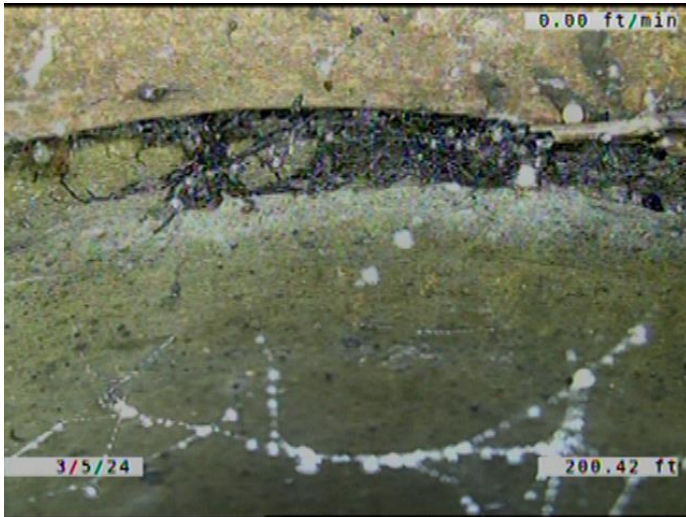
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **183.9**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **30.000**
Continuous Index: **F08**
Within 8" of Joint: **NO**
Remarks:



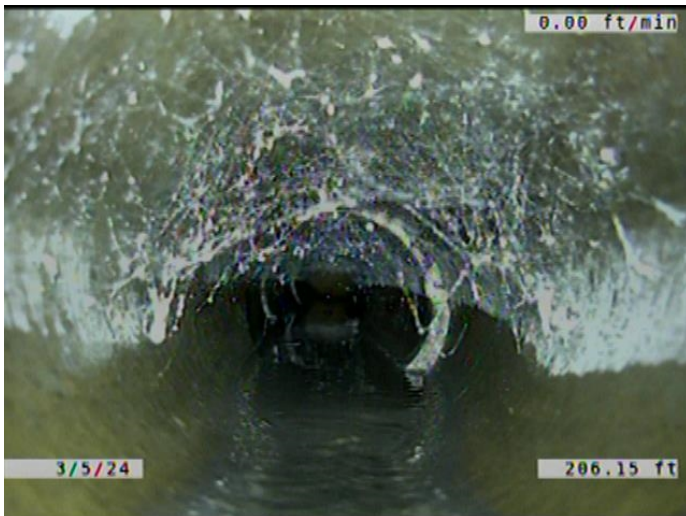
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **193.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S09**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **200.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **206.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F09**
Within 8" of Joint: **NO**
Remarks:



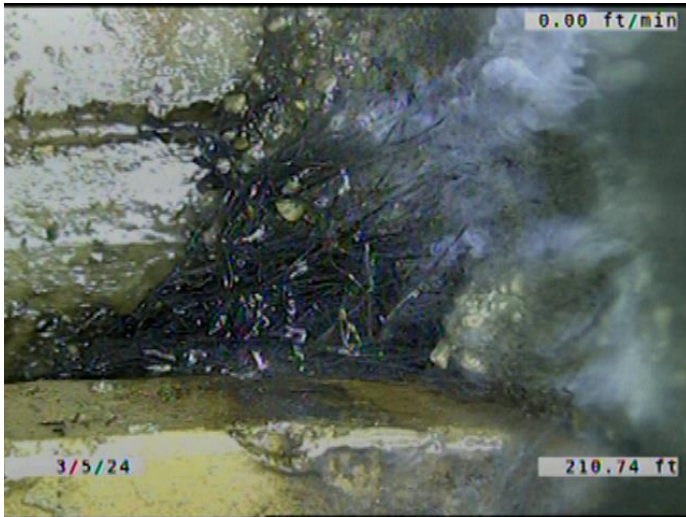
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **207.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S10**
Within 8" of Joint: **NO**
Remarks:



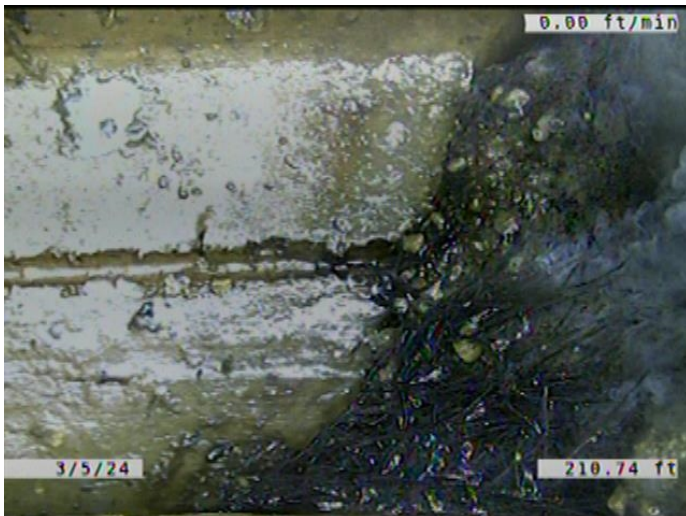
Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **208.6**
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:



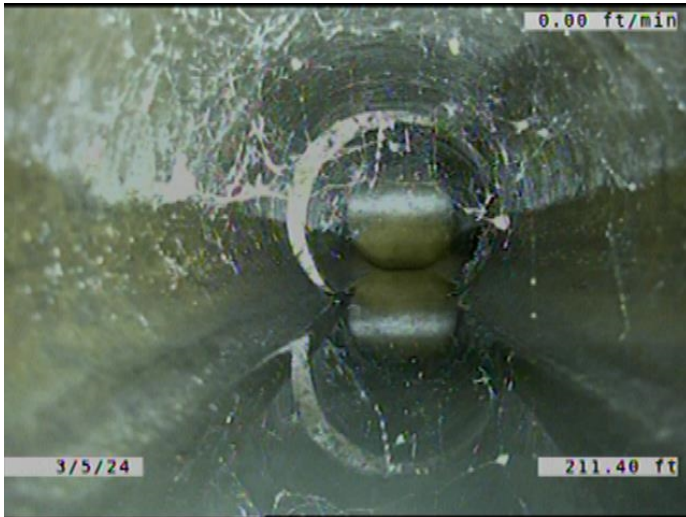
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **210.7**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



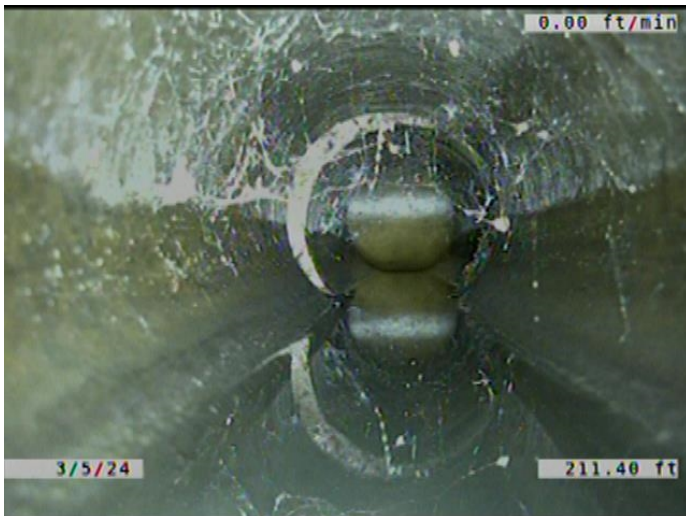
Code: **JAL**
Description: **Joint Angular Large**

Distance (ft): **210.7**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



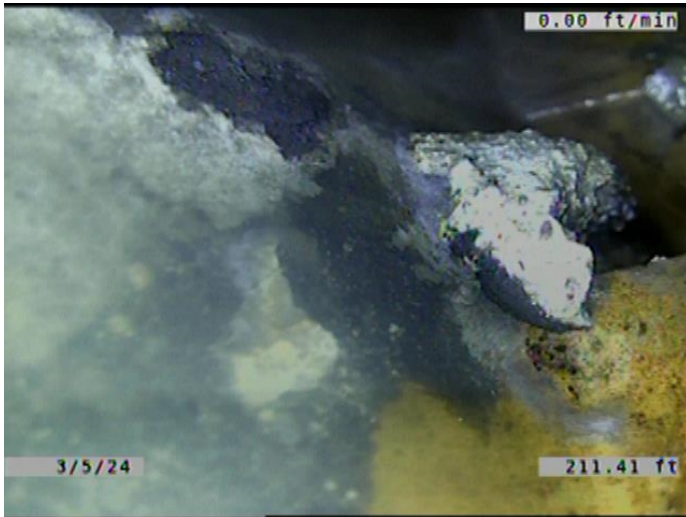
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **211.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F10**
Within 8" of Joint: **NO**
Remarks:



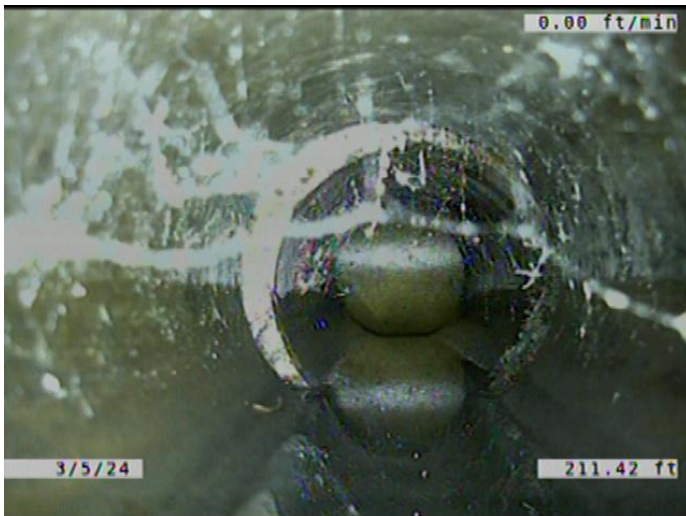
Code: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **211.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks:



Code: **ISGT**
 Description: **Intruding Sealing Material Grout**

Distance (ft): **211.4**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code: **MSA**
 Description: **Miscellaneous Survey Abandoned**

Distance (ft): **211.4**
 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: **CAMERA CANT MAKE IT PAST
 GROUT, OFFSET AND ANGULAR JOIN**