

## Profile/Photo Observation Report



Date:	<b>08/10/2022</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>176.0</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-604-056-057</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>08/03/2022</b>	Shape:	<b>C</b>

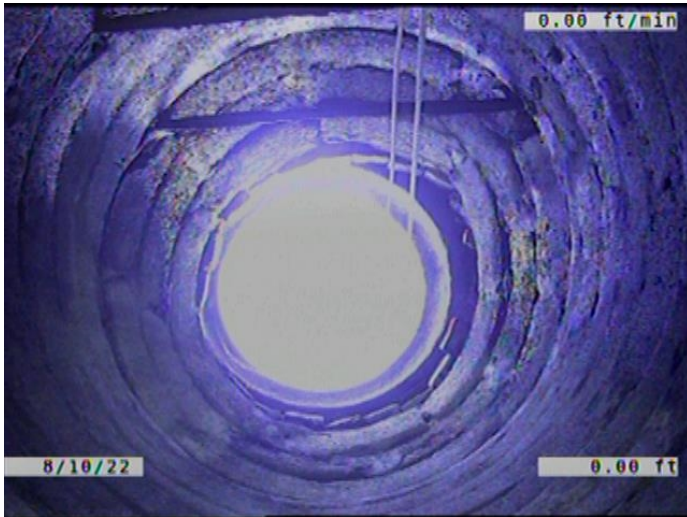
Street:	<b>North Connecticut Street</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Local rural streets with light traffic, t</b>	Tape/Media #:	
Purpose:	<b>Routine Assessment</b>	Dia/Height:	<b>18"</b>
Use:	<b>Sanitary Sewage Pipe</b>	Material:	<b>VCP</b>
Drain Area:		Lining:	<b>None</b>
Category:	<b>NA</b>		
Comment:			
Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-604-056</b>	DS MH:	<b>M-604-057</b>
		Total Length Surveyed (ft):	<b>173.7</b>

O&M Index:	<b>2.00</b>	O&M Quick:	<b>312A</b>	O&M Rating:	<b>24.00</b>
Structural Index:	<b>3.24</b>	Structural Quick:	<b>514E</b>	Structural Rating:	<b>191.00</b>
Overall Index:	<b>3.03</b>	Overall Quick:	<b>514E</b>	Overall Rating:	<b>215.00</b>



	Position	Code	Observation	Video (sec)	Grade
	M-604-056				
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	91	NA
	.7	DSC	Deposits Settled Hard/Compacted	126	M 2
	.7	RMJ	Roots Medium Joint	138	M 3
	2.5	MWLS(S01)	Miscellaneous Water Level Sag	170	S 2
	7.5	JOMD	Joint Offset Medium Defective	213	S 3
	8.8	JAL	Joint Angular Large	261	S 4
	8.8	FM	Fracture Multiple	311	S 4
	12.8	FM(S02)	Fracture Multiple	382	S 4
	12.8	HVV	Hole Void Visible	411	S 5
	12.8	JAM	Joint Angular Medium	447	S 3
	27.4	MWLS(F01)	Miscellaneous Water Level Sag	510	S 2
	31.6	DAE(S03)	Deposits Attached Encrustation	563	M 2
	32.5	MWLS(S04)	Miscellaneous Water Level Sag	585	S 2
	35.7	RFJ	Roots Fine Joint	610	M 1
	38.5	MWLS(F04)	Miscellaneous Water Level Sag	638	S 2
	40.5	MWLS(S05)	Miscellaneous Water Level Sag	659	S 2
	50.0	IWJ	Infiltration Weeper Joint	713	M 2
	73.7	MWLS(F05)	Miscellaneous Water Level Sag	814	S 2
	73.7	DAE(F03)	Deposits Attached Encrustation	822	M 2
	81.5	MWLS(S06)	Miscellaneous Water Level Sag	860	S 2
	87.9	MWLS(F06)	Miscellaneous Water Level Sag	888	S 2
	104.4	MWLS(S07)	Miscellaneous Water Level Sag	943	S 2
	114.6	TB	Tap Break-in/Hammer	1002	NA
	118.7	MWLS(F07)	Miscellaneous Water Level Sag	1035	S 2
	144.5	MWLS(S08)	Miscellaneous Water Level Sag	1137	S 2
	170.8	FM(F02)	Fracture Multiple	1235	S 4
	170.8	MWLS(F08)	Miscellaneous Water Level Sag	1243	S 2
	173.7	AMH	Manhole	1370	NA
	M-604-057				





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

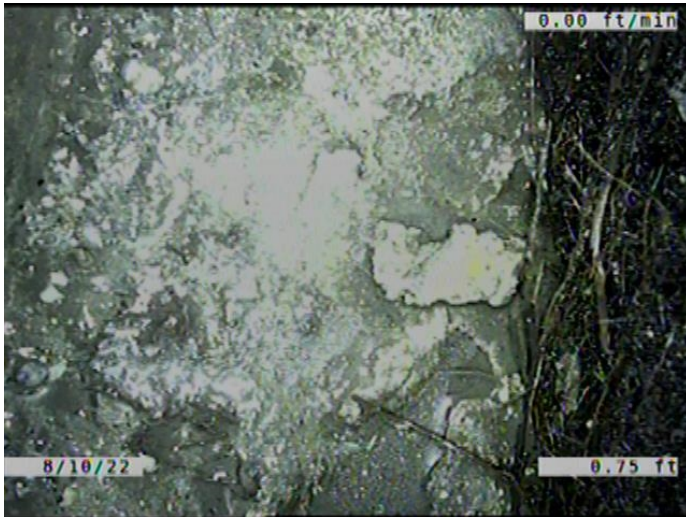
Distance (ft): **.0**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **M-604-056**



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:

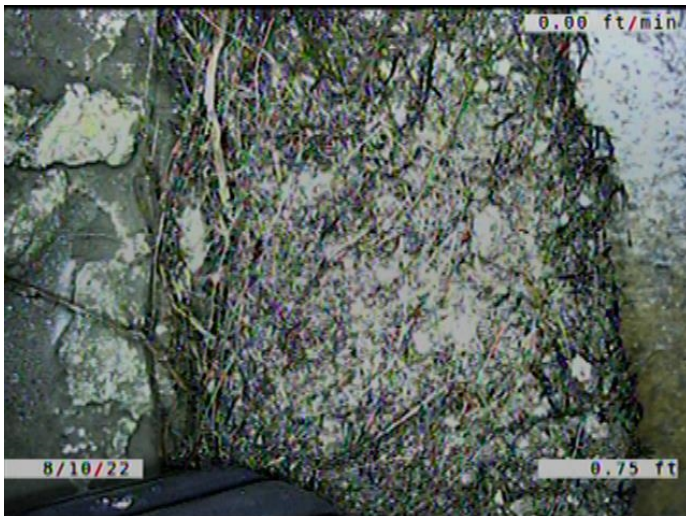




Code: **DSC**  
 Description: **Deposits Settled Hard/Compacted**

Distance (ft): **.7**  
 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: **YES**  
 Remarks:

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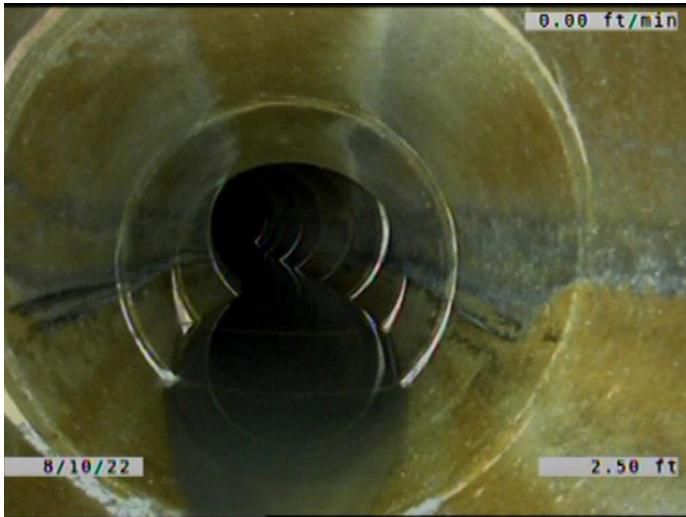


Code: **RMJ**  
 Description: **Roots Medium Joint**

Distance (ft): **.7**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **4**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ROOTS GROWING IN THE MAINHOLE INTO THE PIPE.**

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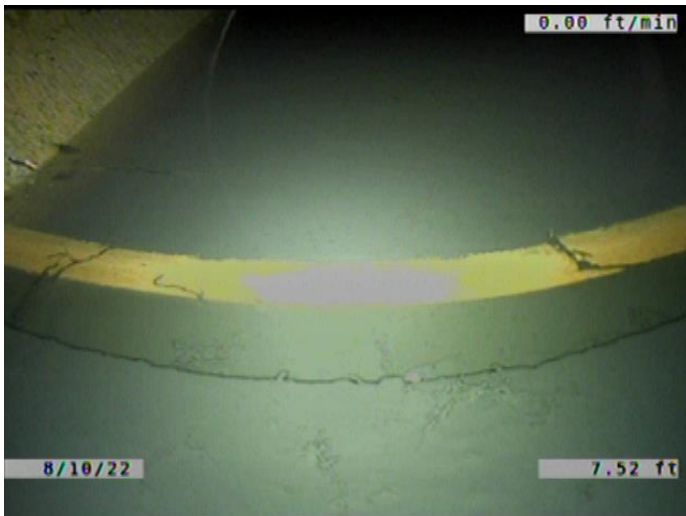




Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **2.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S01**  
Within 8" of Joint: **NO**  
Remarks:

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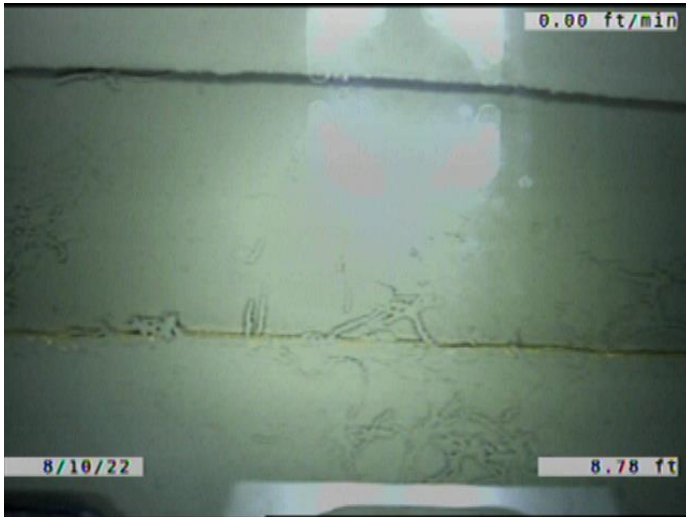


Code: **JOMD**  
Description: **Joint Offset Medium Defective**

Distance (ft): **7.5**  
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:

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

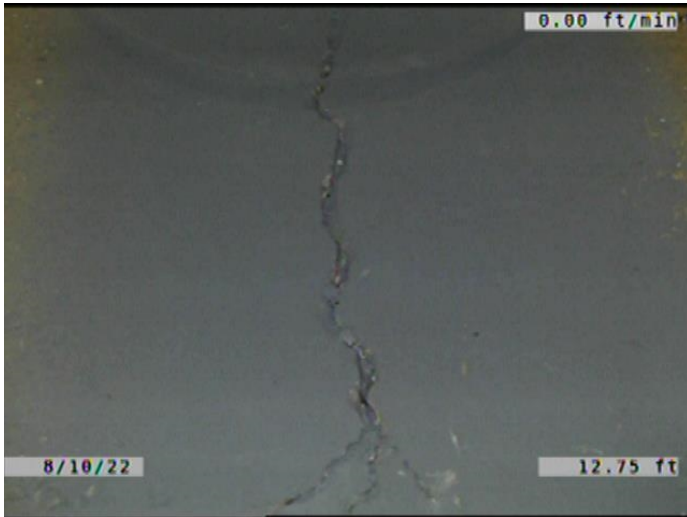
Distance (ft): **8.8**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **8.8**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **4**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





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

Distance (ft): **12.8**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S02**  
 Within 8" of Joint: **YES**  
 Remarks:

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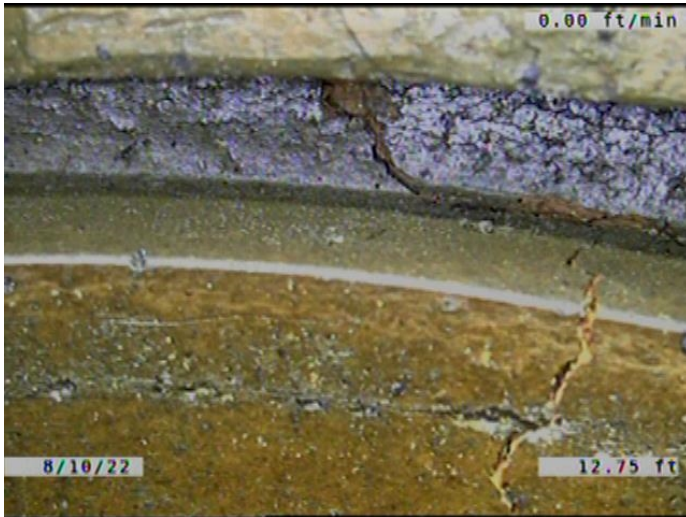


Code: **HVV**  
 Description: **Hole Void Visible**

Distance (ft): **12.8**  
 Structural Grade: **5**  
 O&M Grade: **0**  
 Clock Start/From: **3**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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

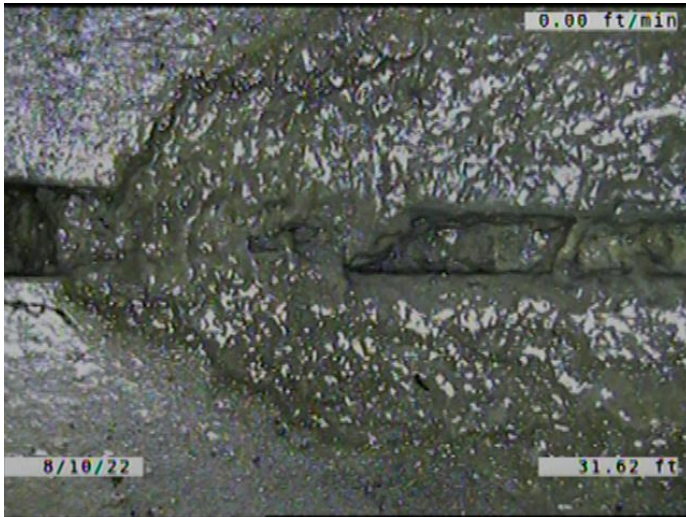
Distance (ft): **12.8**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **27.4**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **F01**  
 Within 8" of Joint: **NO**  
 Remarks:

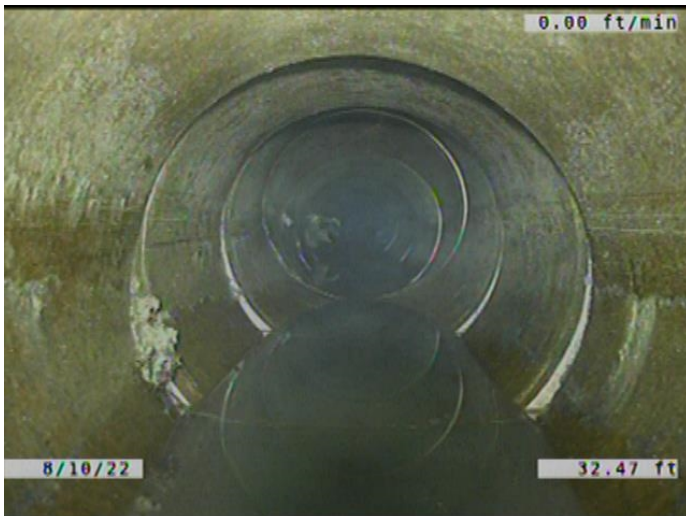




Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **31.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **2**  
 Clock To: **10**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S03**  
 Within 8" of Joint: **YES**  
 Remarks:

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

Distance (ft): **32.5**  
 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:

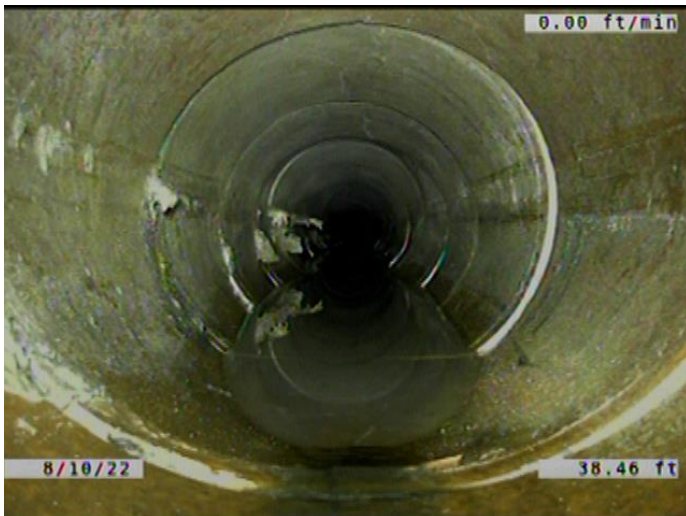
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Code: **RFJ**  
 Description: **Roots Fine Joint**

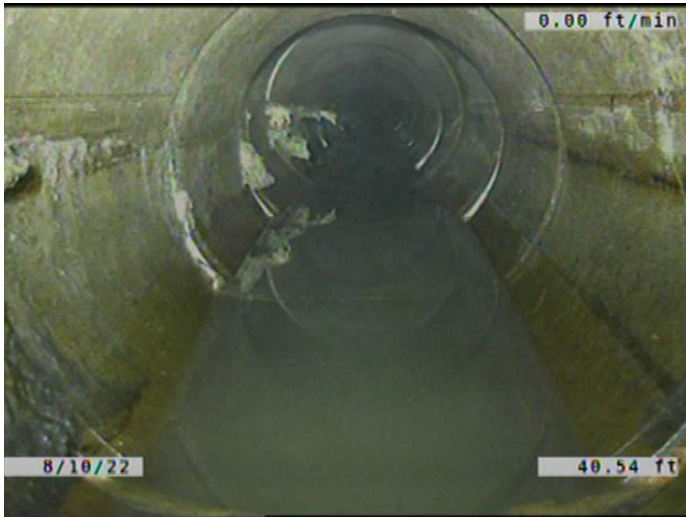
Distance (ft): **35.7**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **7**  
 Clock To: **10**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

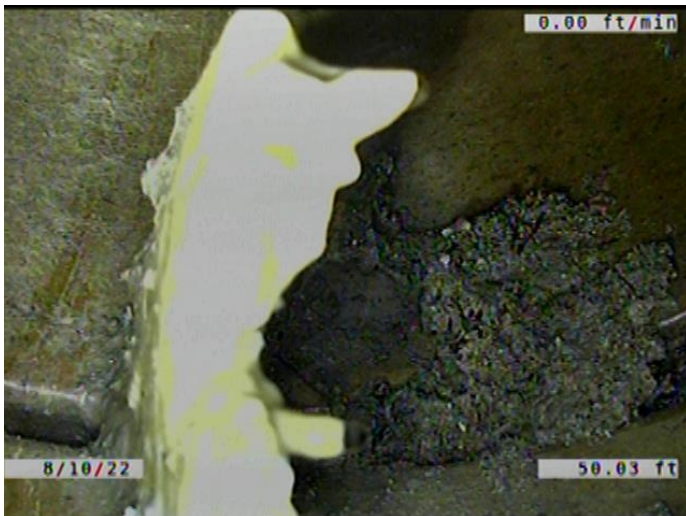
Distance (ft): **38.5**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **F04**  
 Within 8" of Joint: **NO**  
 Remarks:





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

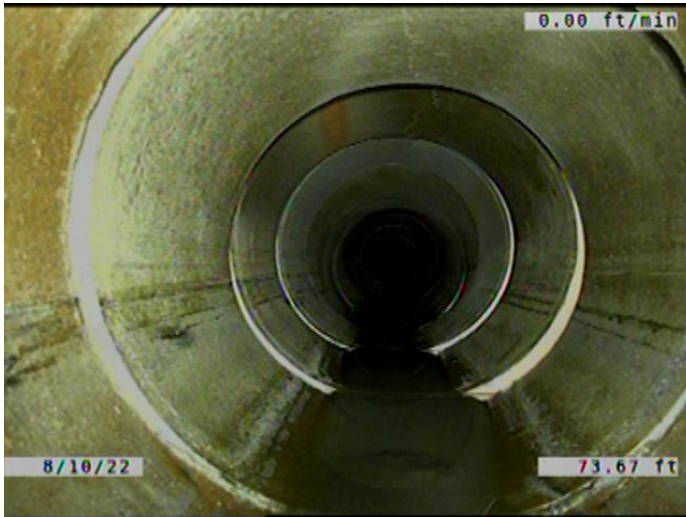
Distance (ft): **40.5**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **S05**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **50.0**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **10**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

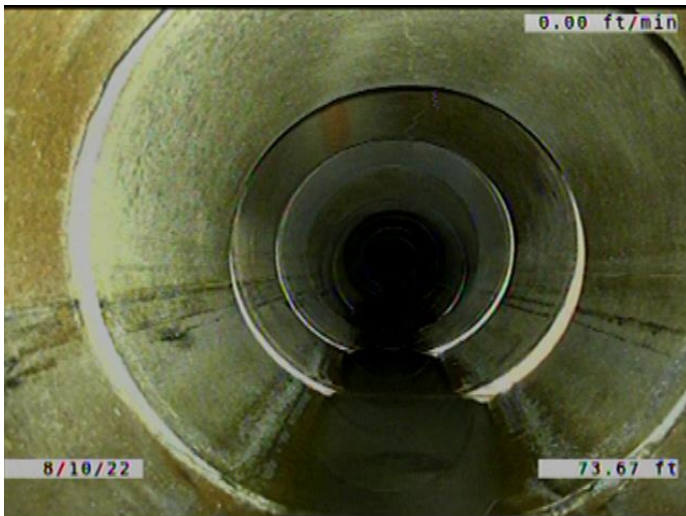




Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **73.7**  
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:

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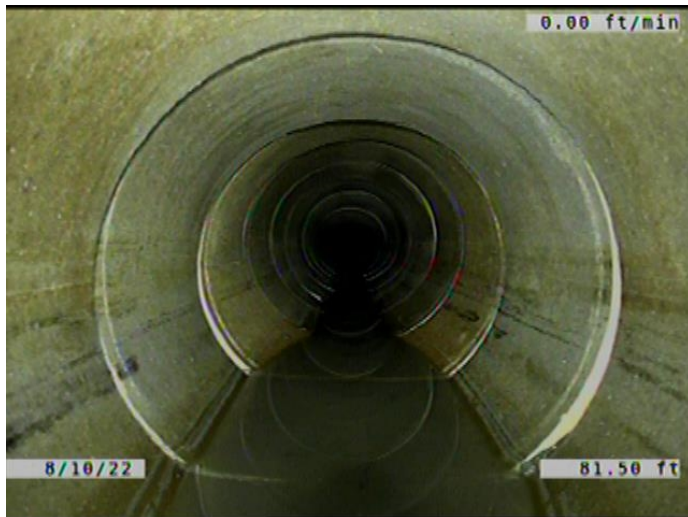


Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **73.7**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **2**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F03**  
Within 8" of Joint: **YES**  
Remarks:

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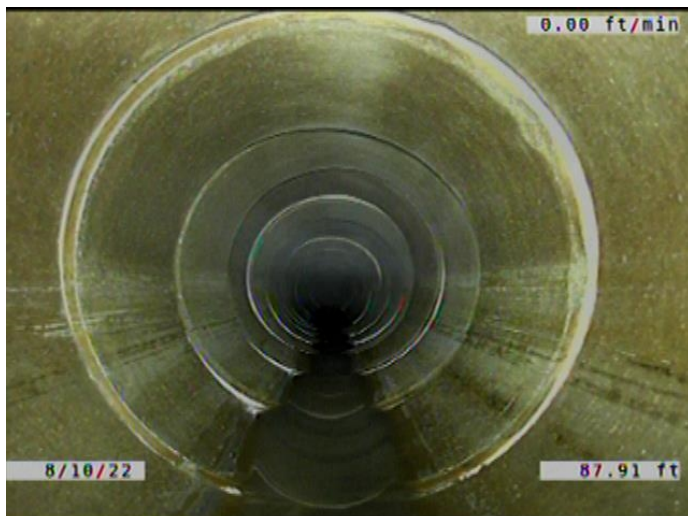




Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **81.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S06**  
Within 8" of Joint: **NO**  
Remarks:

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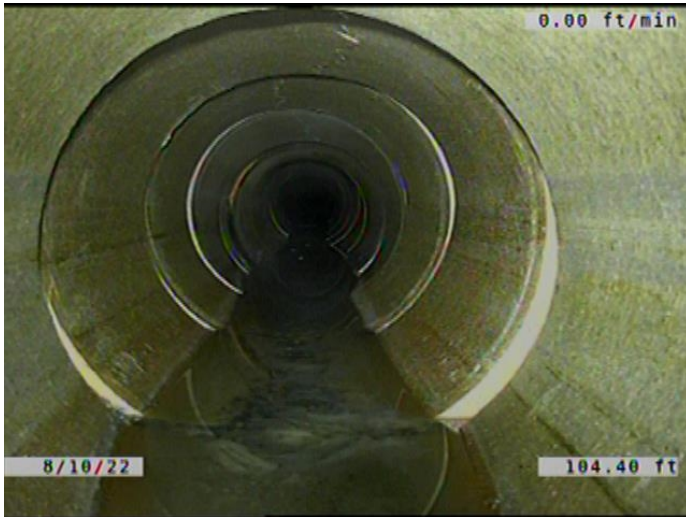


Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **87.9**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F06**  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **104.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S07**  
Within 8" of Joint: **NO**  
Remarks:

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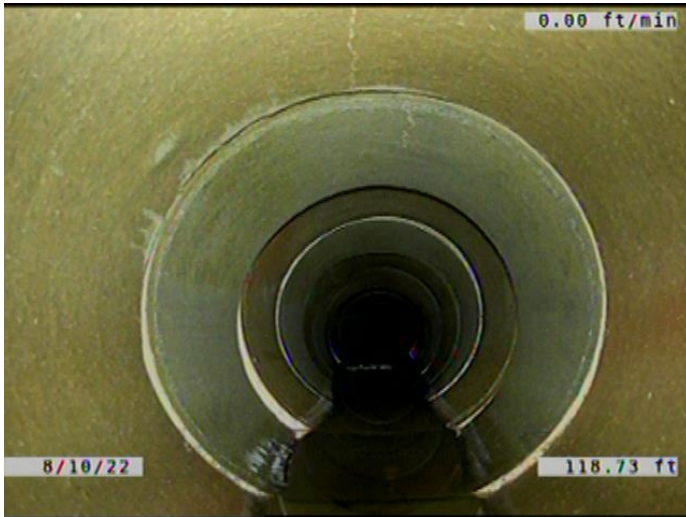


Code: **TB**  
Description: **Tap Break-in/Hammer**

Distance (ft): **114.6**  
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: **CONSTANTLY RUNNING WATER.**

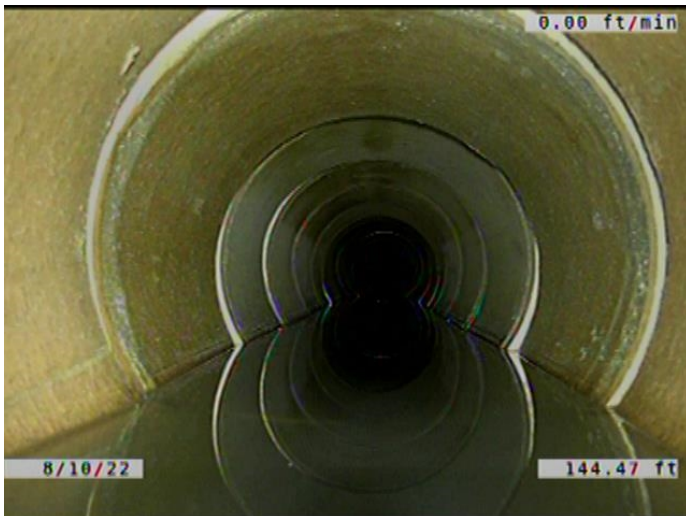
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Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **118.7**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F07**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **144.5**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **S08**  
 Within 8" of Joint: **NO**  
 Remarks:





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

Distance (ft): **170.8**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F02**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **170.8**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **F08**  
 Within 8" of Joint: **NO**  
 Remarks:





Code:	AMH
Description:	Manhole
Distance (ft):	173.7
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-604-057