

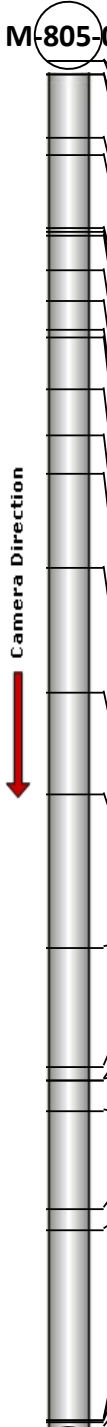
## Profile/Photo Observation Report



Date:	<b>03/05/2024</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>435.0</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:		Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-805-066-036</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>10/17/2022</b>	Shape:	<b>C</b>

Street:	<b>SR-130</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Parking Lot</b>	Tape/Media #:	
Purpose:	<b>Sewer System Evaluation Survey (SS</b>	Dia/Height:	<b>6"</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-805-066</b>	DS MH:	<b>M-805-036</b>
		Total Length Surveyed (ft):	<b>161.4</b>

O&M Index:	<b>2.17</b>	O&M Quick:	<b>3125</b>	O&M Rating:	<b>13.00</b>
Structural Index:	<b>2.66</b>	Structural Quick:	<b>5141</b>	Structural Rating:	<b>133.00</b>
Overall Index:	<b>2.61</b>	Overall Quick:	<b>5141</b>	Overall Rating:	<b>146.00</b>

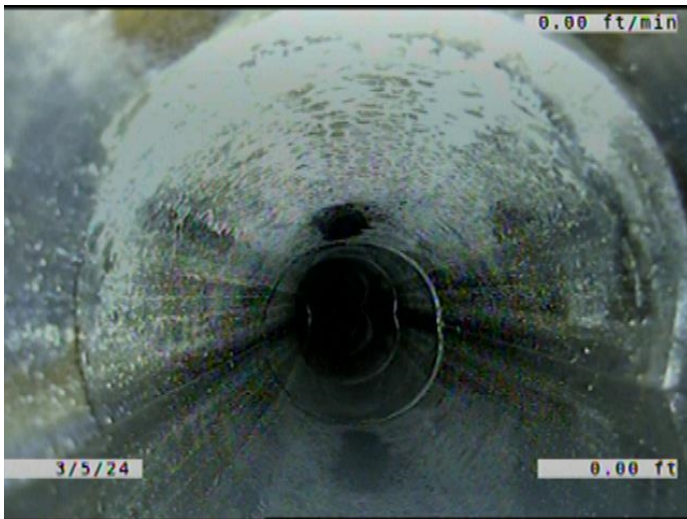
	Position	Code	Observation	Video (sec)	Grade
<b>M-805-066</b>					
	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	13	NA
	1.5	MGO	Miscellaneous General Observation	20	NA
	1.5	MWLS(S01)	Miscellaneous Water Level Sag	28	S 2
	9.0	HVV	Hole Void Visible	193	S 5
	11.2	JOMD	Joint Offset Medium Defective	256	S 3
	19.8	TFD	Tap Factory Defective	342	M 3
	20.2	MWLS(F01)	Miscellaneous Water Level Sag	396	S 2
	20.7	JOMD	Joint Offset Medium Defective	450	S 3
	24.6	JOMD(S02)	Joint Offset Medium Defective	499	S 3
	28.3	MWLS(S03)	Miscellaneous Water Level Sag	603	S 2
	31.6	SSC	Surface Spalling of Damage Coating	637	S 1
	32.7	CM	Crack Multiple	678	S 3
	38.6	CL	Crack Longitudinal	744	S 2
	44.1	MWLS(F03)	Miscellaneous Water Level Sag	796	S 2
	48.7	MWLS	Miscellaneous Water Level Sag	839	S 2
	59.7	MWLS(S04)	Miscellaneous Water Level Sag	921	S 2
	74.4	MWLS(F04)	Miscellaneous Water Level Sag	1027	S 2
	86.4	OBJ	Obstruction Wedged In The Joint	1105	M 2
	104.5	OBJ	Obstruction Wedged In The Joint	1271	M 2
	118.7	CM	Crack Multiple	1419	S 3
	120.1	CC	Crack Circumferential	1502	S 1
	120.1	DAE	Deposits Attached Encrustation	1519	M 2
	123.9	MWLS(S05)	Miscellaneous Water Level Sag	1555	S 2
	135.3	MWLS(F05)	Miscellaneous Water Level Sag	1629	S 2
	137.9	CC	Crack Circumferential	1692	S 1
	160.3	FM	Fracture Multiple	1927	S 4
	160.3	DAE	Deposits Attached Encrustation	1946	M 2
	160.5	TBI	Tap Break-in Intruding	1977	M 2
	161.2	JOMD(F02)	Joint Offset Medium Defective	2054	S 3
	161.4	MSA	Miscellaneous Survey Abandoned	2063	NA
<b>M-805-036</b>					



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**

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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:

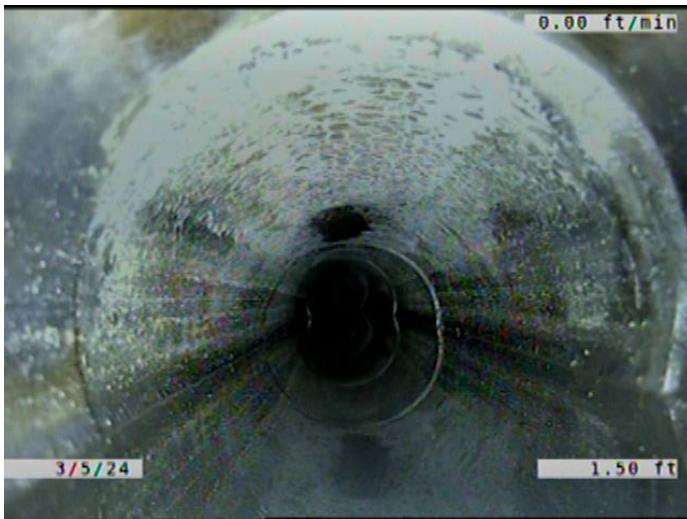
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Code: **MGO**  
Description: **Miscellaneous General Observation**

Distance (ft): **1.5**  
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: **DROP INTO THE MANHOLE. HAD TO START IN THE PIPE.**

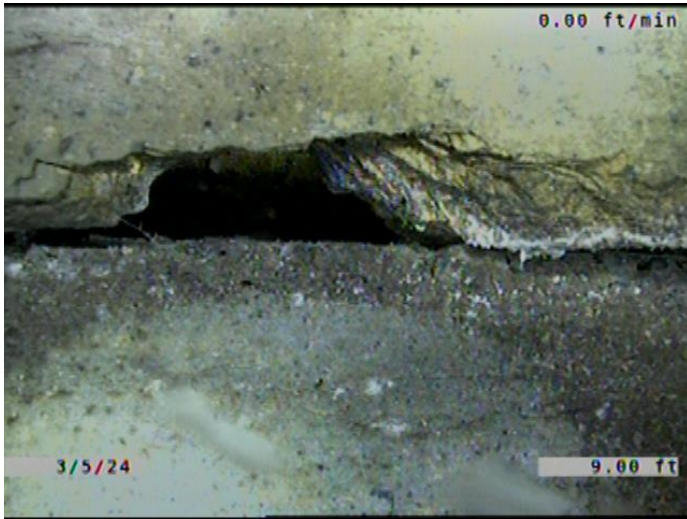
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **1.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **20.000**  
Continuous Index: **S01**  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **9.0**  
Structural Grade: **5**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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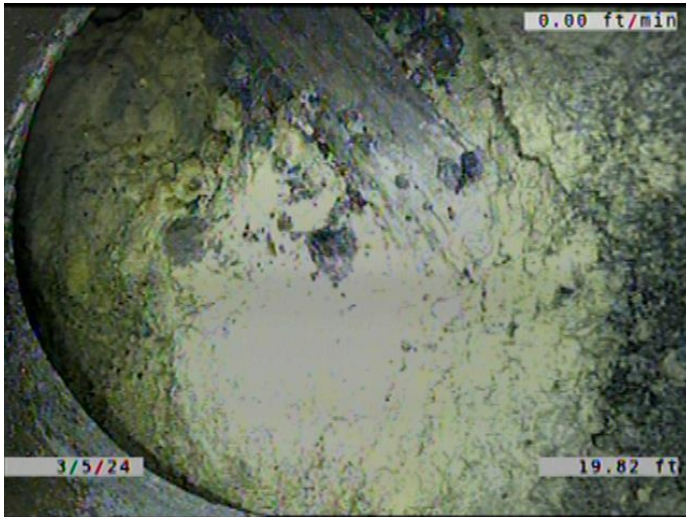


Code: **JOMD**  
Description: **Joint Offset Medium Defective**

Distance (ft): **11.2**  
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:

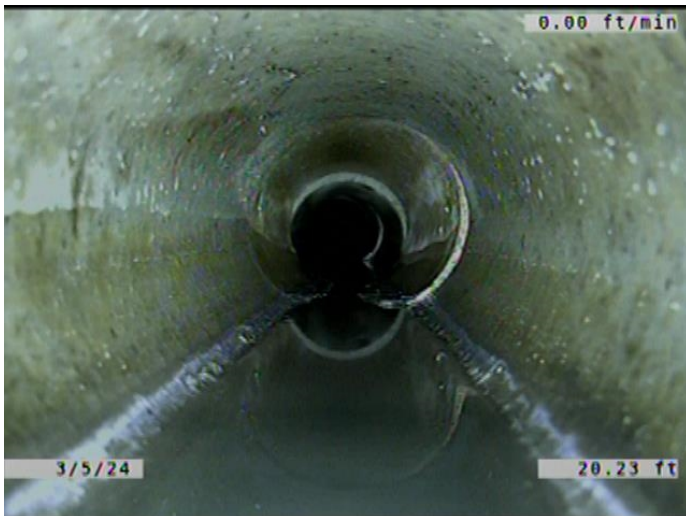
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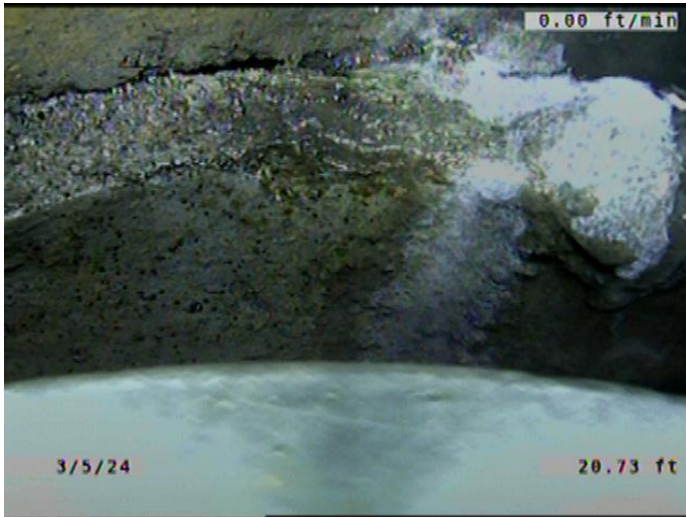
Code:	<b>TFD</b>
Description:	<b>Tap Factory Defective</b>
Distance (ft):	<b>19.8</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</b>
Clock Start/From:	<b>3</b>
Clock To:	
1st Value:	<b>6.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>WOODEN CAP. MOST OF THE WOOD IS MISSING. SOIL AND VOID VISIBLE.</b>

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Code:	<b>MWLS</b>
Description:	<b>Miscellaneous Water Level Sag</b>
Distance (ft):	<b>20.2</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>20.000</b>
Continuous Index:	<b>F01</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

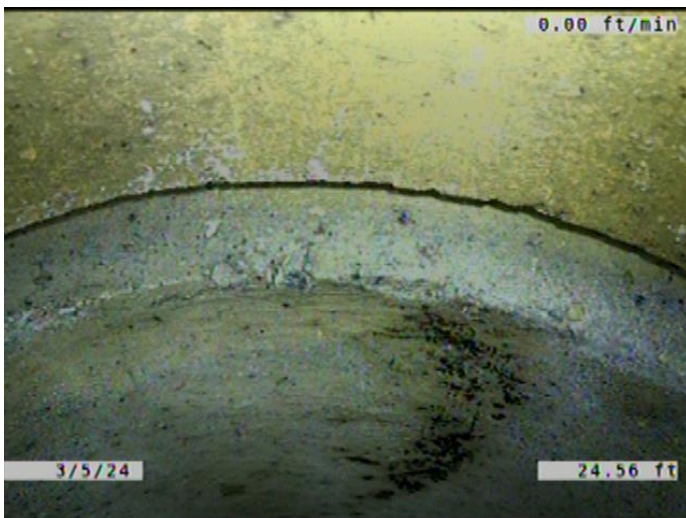
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Code: **JOMD**  
Description: **Joint Offset Medium Defective**

Distance (ft): **20.7**  
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:

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

Distance (ft): **24.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S02**  
Within 8" of Joint: **NO**  
Remarks:

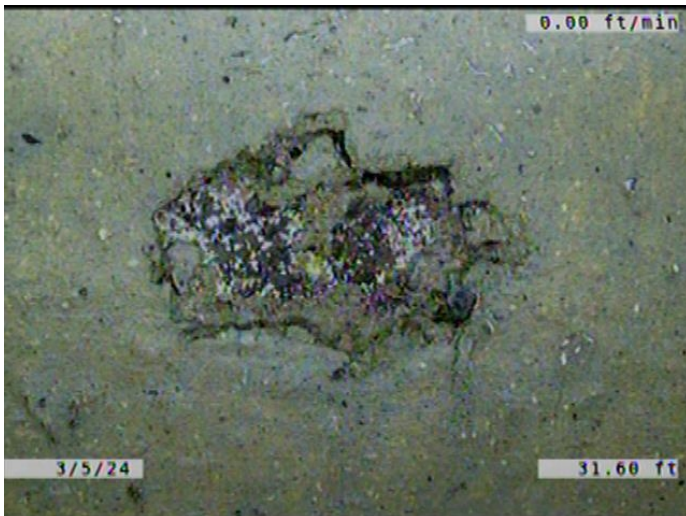
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **28.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **S03**  
Within 8" of Joint: **NO**  
Remarks:

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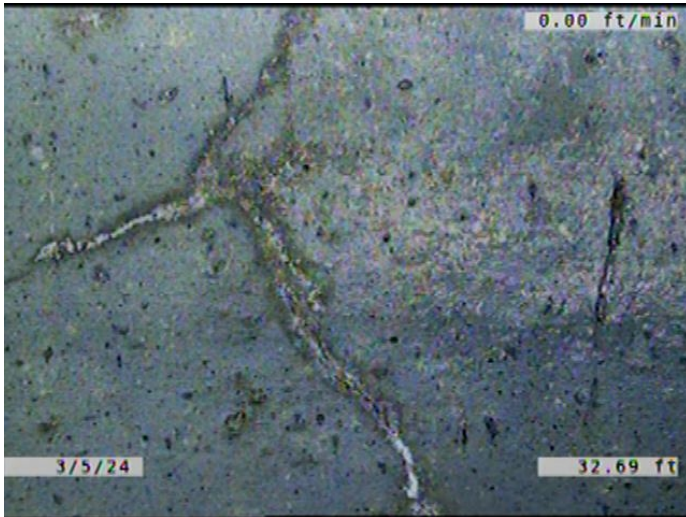


Code: **SSC**  
Description: **Surface Spalling of Damage Coating**

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

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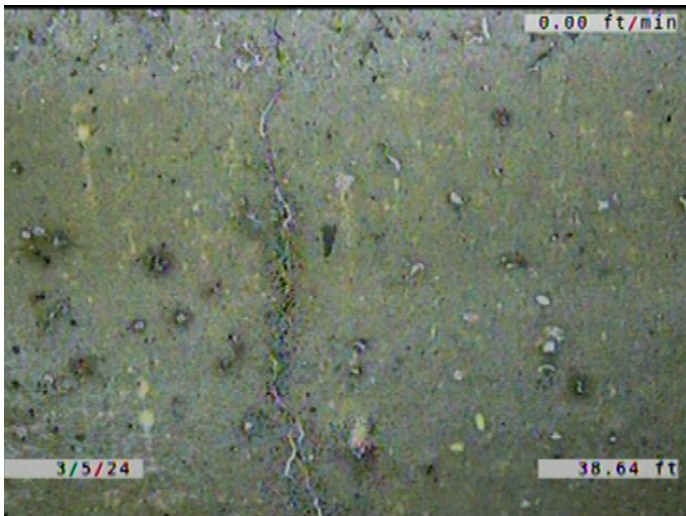




Code: **CM**  
Description: **Crack Multiple**

Distance (ft): **32.7**  
Structural Grade: **3**  
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:

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Code: **CL**  
Description: **Crack Longitudinal**

Distance (ft): **38.6**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **44.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **F03**  
Within 8" of Joint: **NO**  
Remarks:

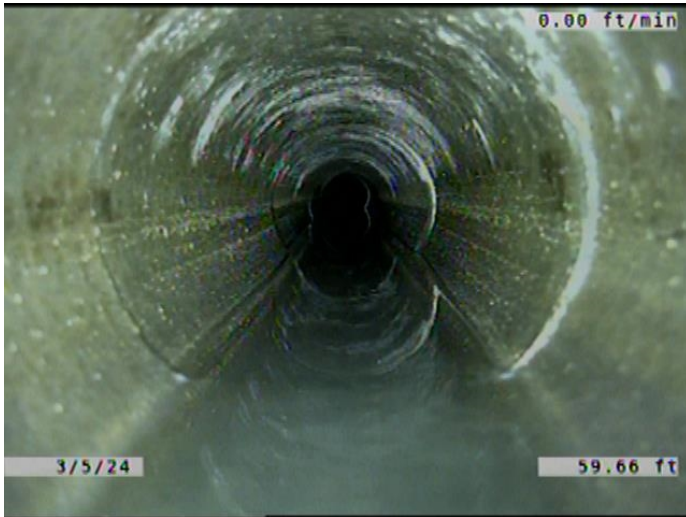
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **48.7**  
Structural Grade: **2**  
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:

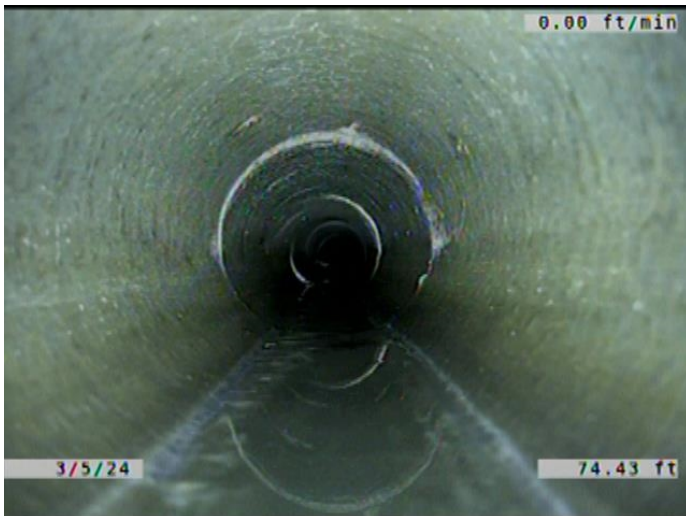
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **59.7**  
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:

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

Distance (ft): **74.4**  
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:

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Code: **OBJ**  
Description: **Obstruction Wedged In The Joint**

Distance (ft): **86.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **4**  
Clock To: **8**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **LOOKS LIKE A STICK WITH TP ON IT.**

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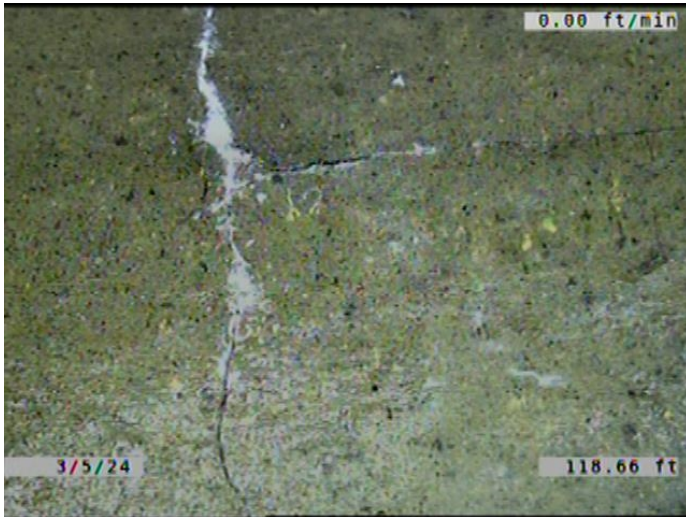


Code: **OBJ**  
Description: **Obstruction Wedged In The Joint**

Distance (ft): **104.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **4**  
Clock To: **6**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **LOOKS LIKE A STICK**

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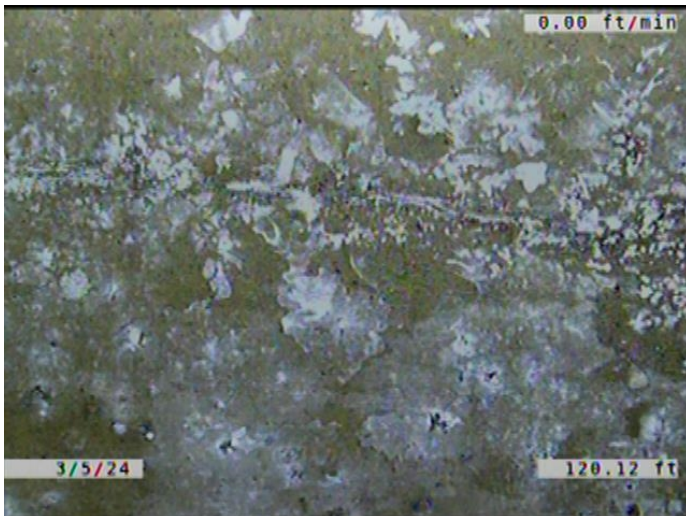




Code: **CM**  
Description: **Crack Multiple**

Distance (ft): **118.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

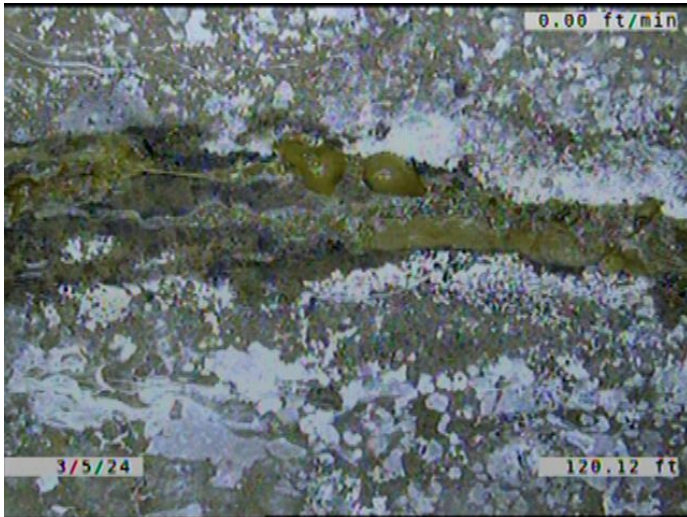
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Code: **CC**  
Description: **Crack Circumferential**

Distance (ft): **120.1**  
Structural Grade: **1**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **120.1**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **9**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

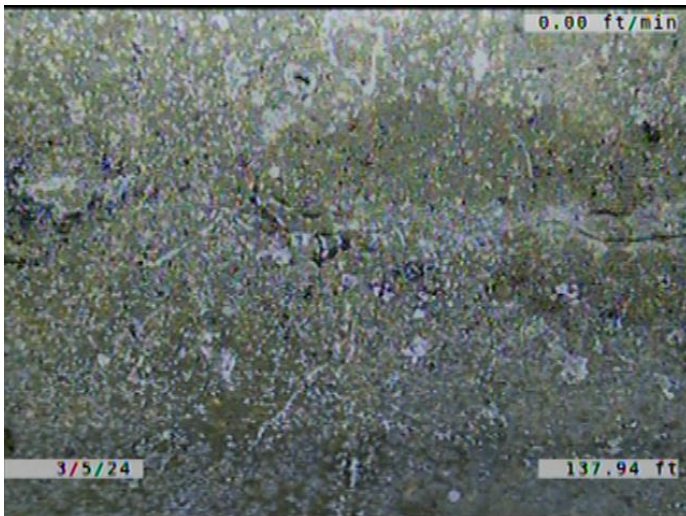
Distance (ft): **123.9**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **S05**  
Within 8" of Joint: **NO**  
Remarks:

---



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

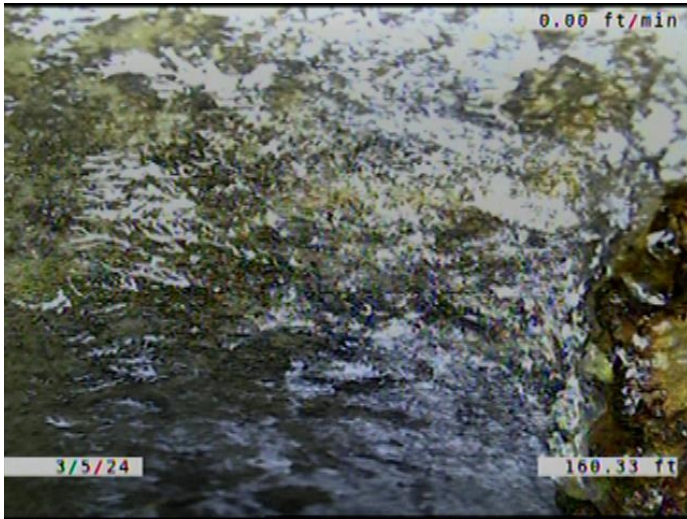
Distance (ft): **135.3**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **F05**  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **CC**  
 Description: **Crack Circumferential**

Distance (ft): **137.9**  
 Structural Grade: **1**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

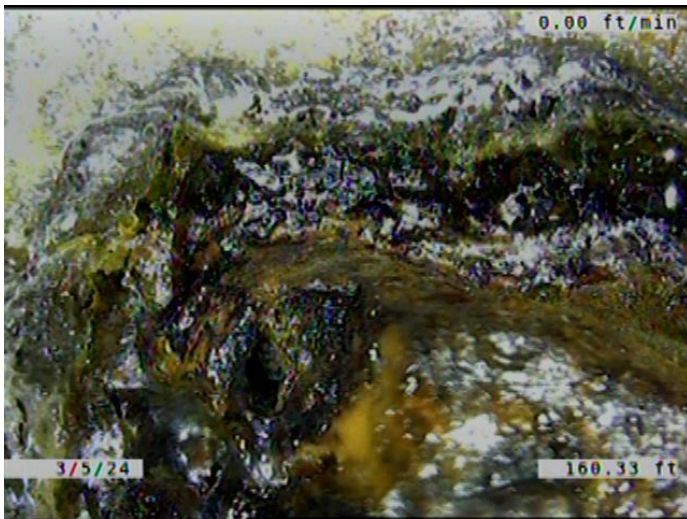




Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **160.3**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **4**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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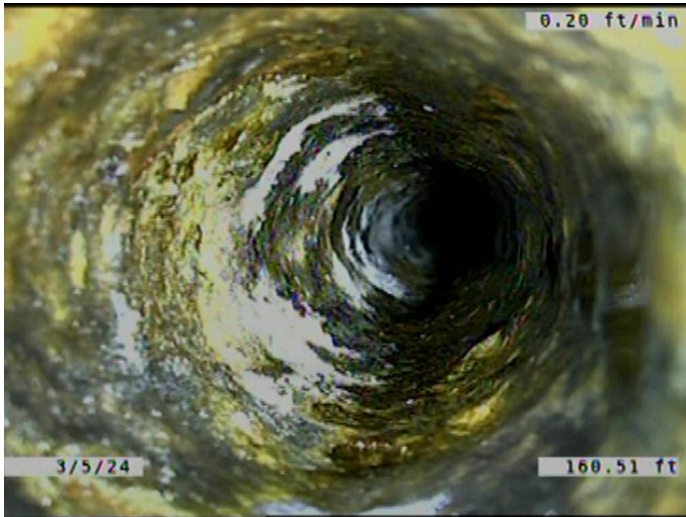


Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **160.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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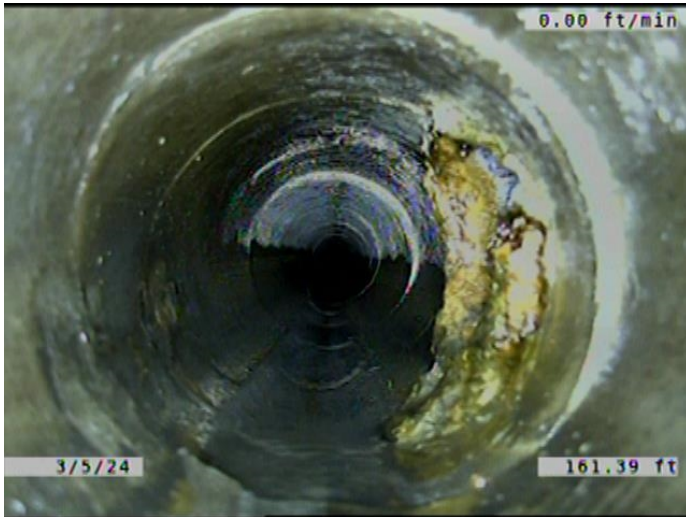
Code: **TBI**  
 Description: **Tap Break-in Intruding**

Distance (ft): **160.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **3**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **CAST IRON SERVICE.**



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

Distance (ft): **161.2**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F02**  
 Within 8" of Joint: **NO**  
 Remarks:



Code:	<b>MSA</b>
Description:	<b>Miscellaneous Survey Abandoned</b>
Distance (ft):	<b>161.4</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>CAMERA CANT MAKE IT PAST PROTRUDING TAP.</b>