

## Profile/Photo Observation Report

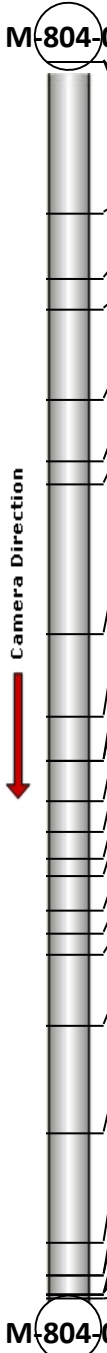


Date:	<b>10/23/2021</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>294.0</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-804-021-020</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>09/15/2021</b>	Shape:	<b>C</b>

Street:	<b>North Illinois Street</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Alley</b>	Tape/Media #:	
Purpose:	<b>Routine Assessment</b>	Dia/Height:	<b>8"</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-804-021</b>	DS MH:	<b>M-804-020</b>
		Total Length Surveyed (ft):	<b>82.8</b>

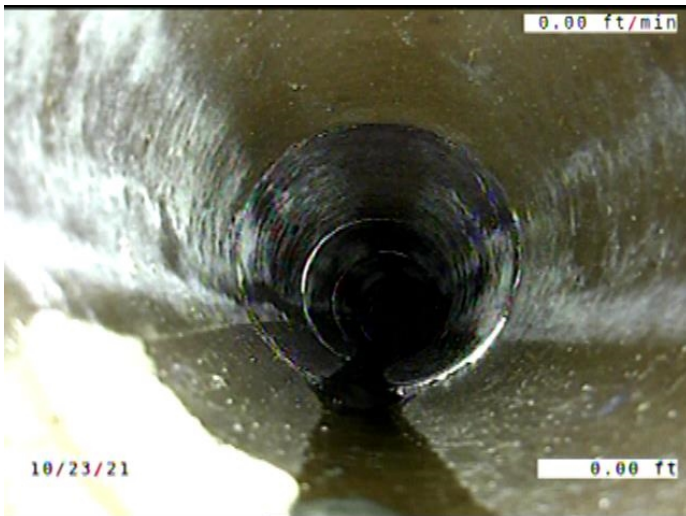
O&M Index:	<b>2.00</b>	O&M Quick:	<b>312C</b>	O&M Rating:	<b>46.00</b>
Structural Index:	<b>2.50</b>	Structural Quick:	<b>5141</b>	Structural Rating:	<b>40.00</b>
Overall Index:	<b>2.21</b>	Overall Quick:	<b>5141</b>	Overall Rating:	<b>86.00</b>

	Position	Code	Observation	Video (sec)	Grade
					
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	69	NA
	10.2	DAE(S01)	Deposits Attached Encrustation	144	M 2
	14.5	CM	Crack Multiple	201	S 3
	16.6	RFJ	Roots Fine Joint	240	M 1
	22.6	SZ	Surface Damage Other	290	NA
	26.7	MWLS	Miscellaneous Water Level Sag	325	S 2
	28.3	CM	Crack Multiple	365	S 3
	38.3	CL	Crack Longitudinal	422	S 2
	43.9	MWLS(S02)	Miscellaneous Water Level Sag	469	S 2
	46.8	JAM	Joint Angular Medium	516	S 3
	46.8	B	Broken	534	S 4
	49.5	TFC	Tap Factory Capped	568	NA
	51.6	TFD	Tap Factory Defective	601	M 3
	53.3	DSF(S03)	Deposits Settled Fine	638	M 2
	54.5	CL	Crack Longitudinal	666	S 2
	56.8	BSV(S04)	Broken Soil Visible	718	S 5
	58.4	TBI	Tap Break-in Intruding	838	M 2
	59.8	BSV(F04)	Broken Soil Visible	869	S 5
	64.5	MWLS(F02)	Miscellaneous Water Level Sag	902	S 2
	71.8	MWLS	Miscellaneous Water Level Sag	946	S 2
	79.1	MWLS(S05)	Miscellaneous Water Level Sag	979	S 2
	81.2	SSS	Surface Damage Surface Spalling	1014	S 2
	81.3	CS	Crack Spiral	1050	S 2
	82.6	MWLS(F05)	Miscellaneous Water Level Sag	1075	S 2
	82.6	DAE(F01)	Deposits Attached Encrustation	1087	M 2
	82.6	DSF(F03)	Deposits Settled Fine	1095	M 2
	82.8	MSA	Miscellaneous Survey Abandoned	1109	NA



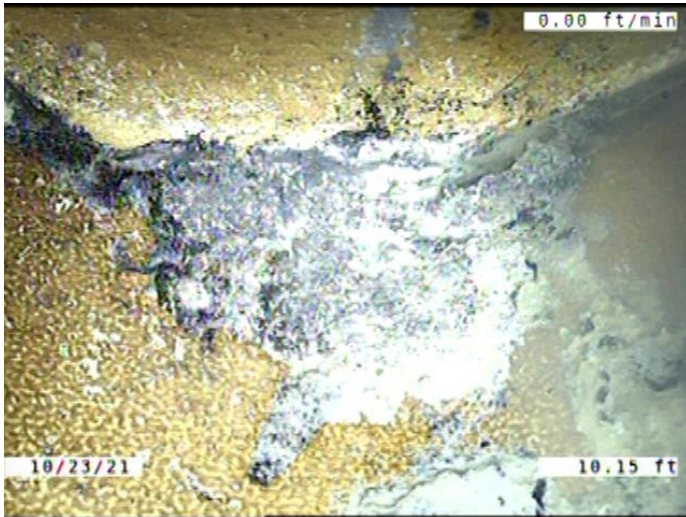
Code: **AMH**  
 Description: **Manhole**

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-804-021**



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

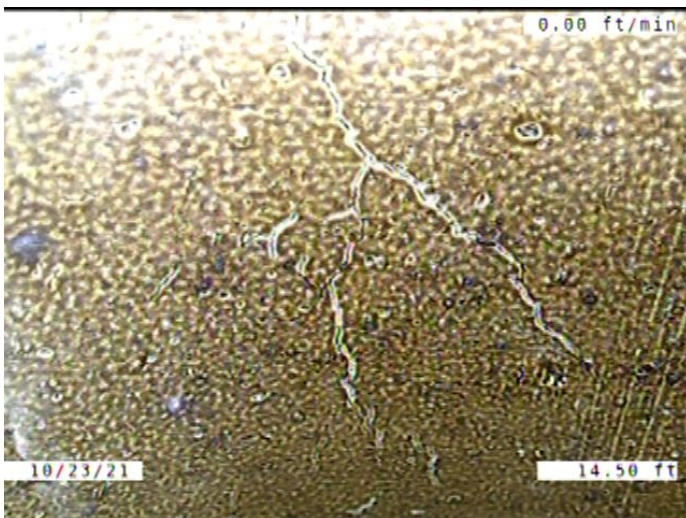
Distance (ft): **.0**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **10.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **3**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

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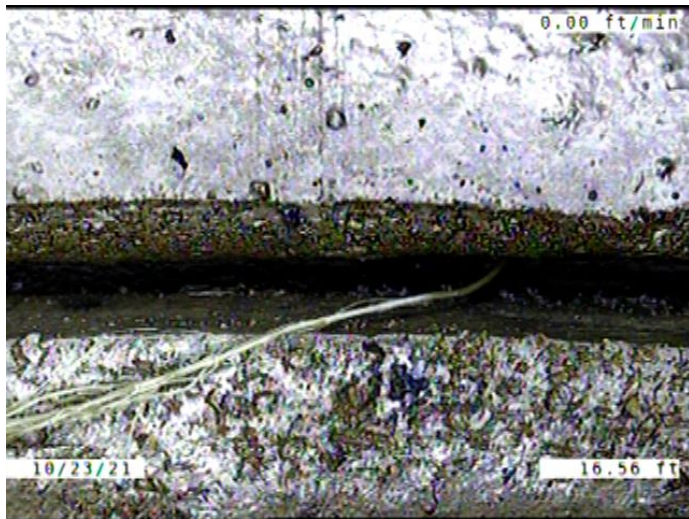


Code: **CM**  
Description: **Crack Multiple**

Distance (ft): **14.5**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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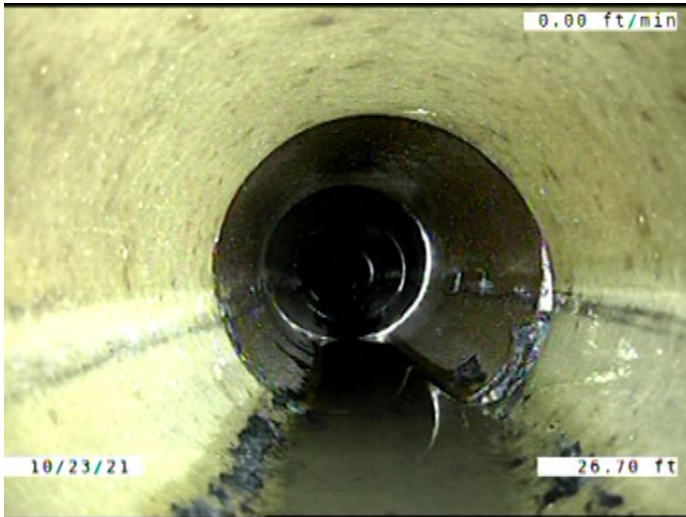
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **16.6**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **SZ**  
 Description: **Surface Damage Other**

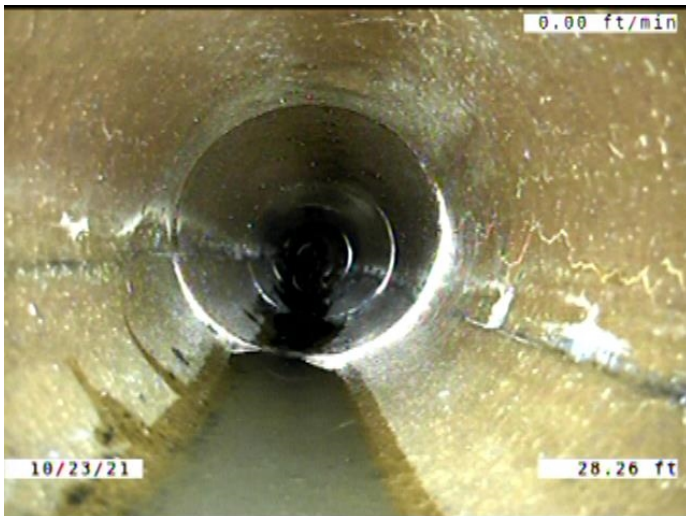
Distance (ft): **22.6**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **9**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **A PIECE CHIPPED AWAY FROM THE JOINT**



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

Distance (ft): **26.7**  
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:

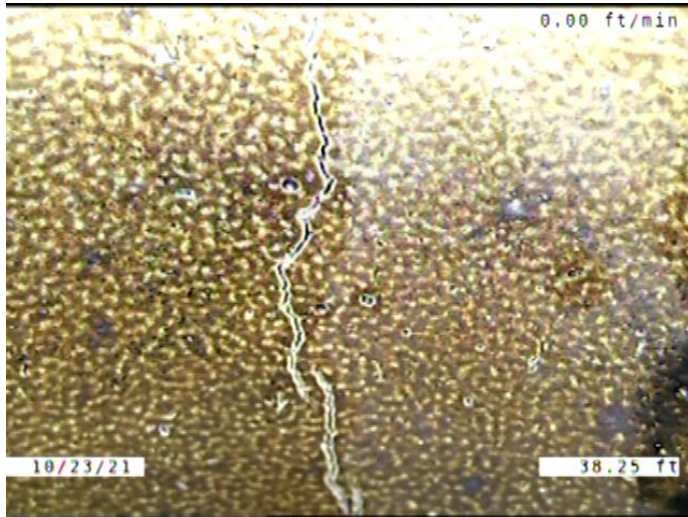
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Code: **CM**  
Description: **Crack Multiple**

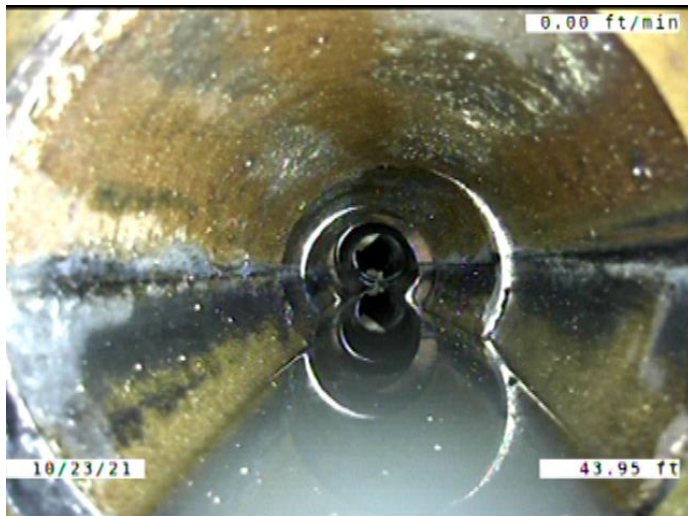
Distance (ft): **28.3**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

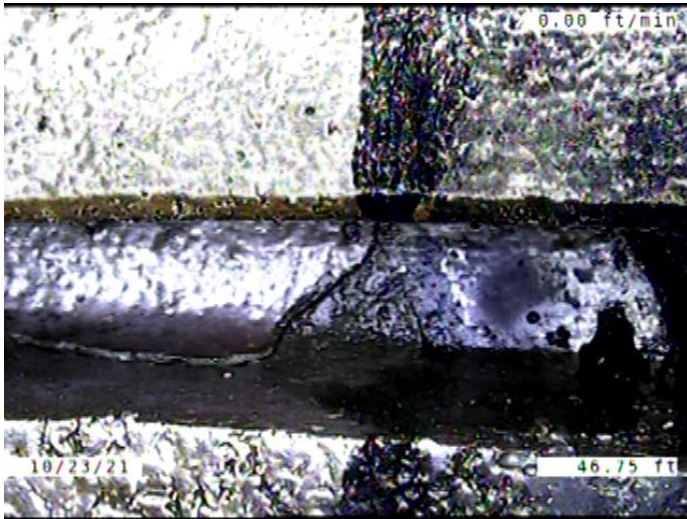
Distance (ft): **38.3**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

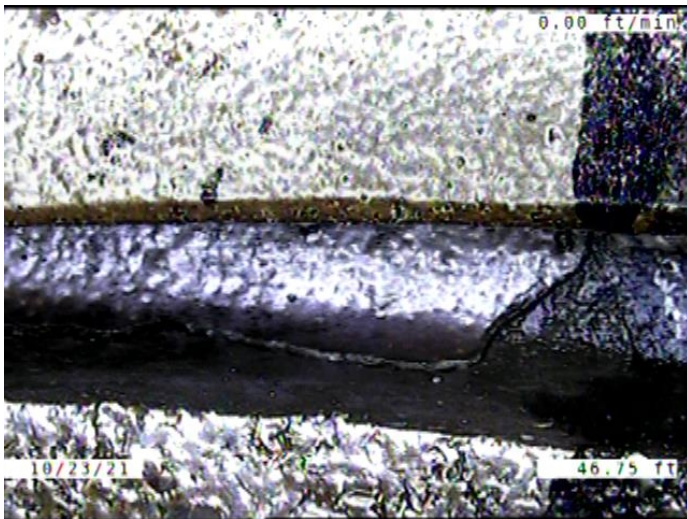
Distance (ft): **43.9**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **S02**  
 Within 8" of Joint: **NO**  
 Remarks:





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

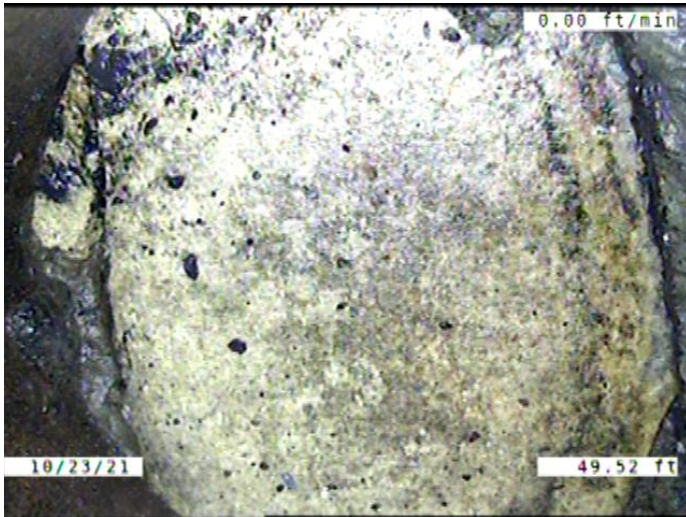
Distance (ft): **46.8**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **B**  
 Description: **Broken**

Distance (ft): **46.8**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:

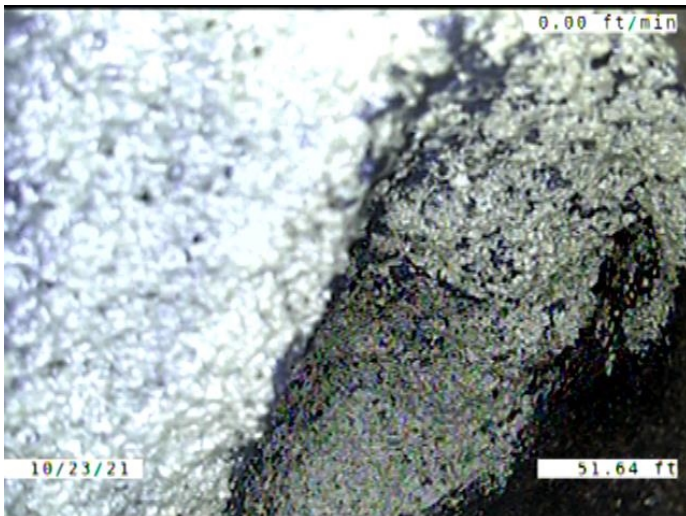




Code: **TFC**  
 Description: **Tap Factory Capped**

Distance (ft): **49.5**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

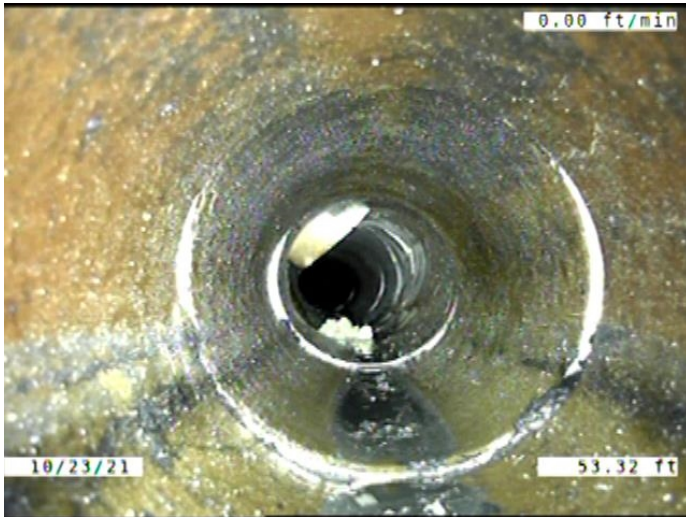
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Code: **TFD**  
 Description: **Tap Factory Defective**

Distance (ft): **51.6**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **10**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **100% PLUGGED**

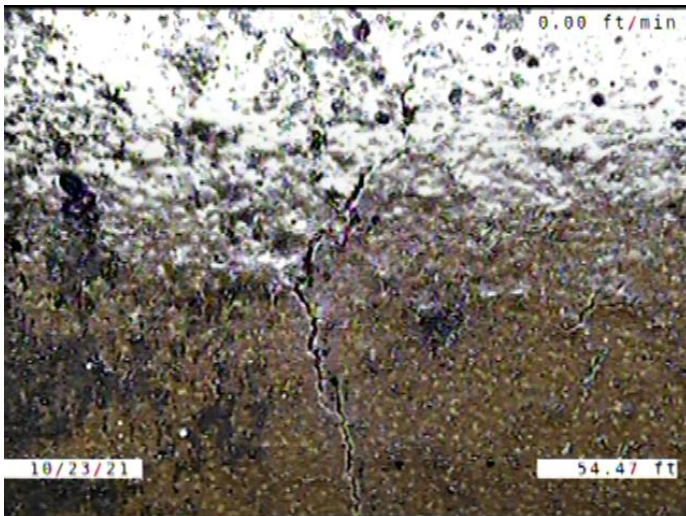
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Code: **DSF**  
Description: **Deposits Settled Fine**

Distance (ft): **53.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S03**  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **54.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

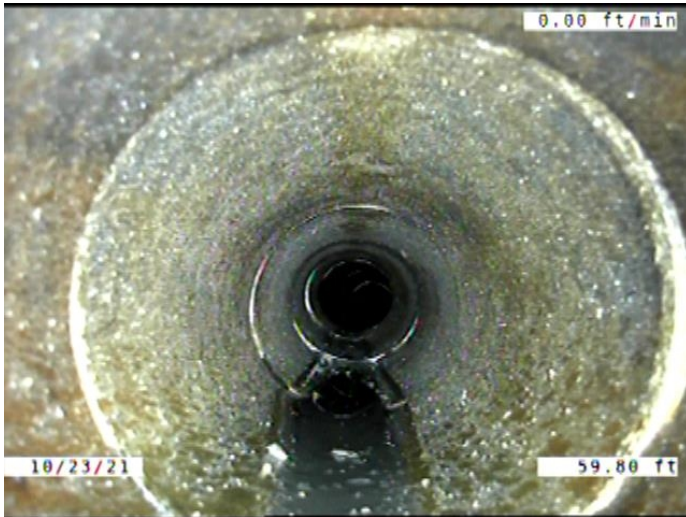
Distance (ft): **56.8**  
 Structural Grade: **5**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S04**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **58.4**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **2.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

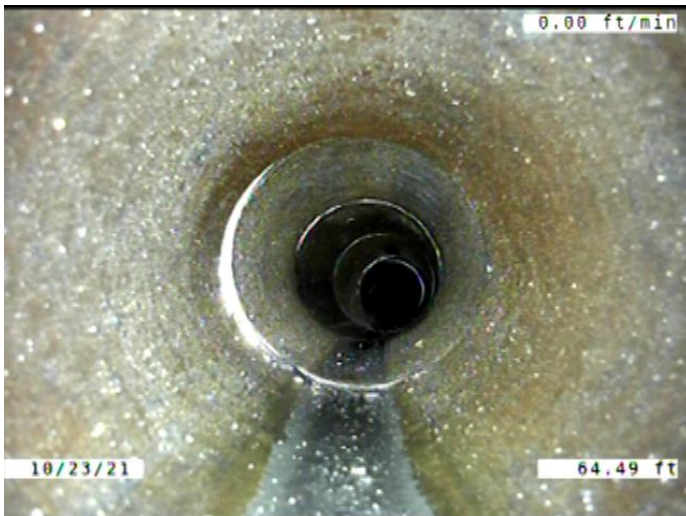




Code: **BSV**  
Description: **Broken Soil Visible**

Distance (ft): **59.8**  
Structural Grade: **5**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F04**  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **64.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F02**  
Within 8" of Joint: **NO**  
Remarks:

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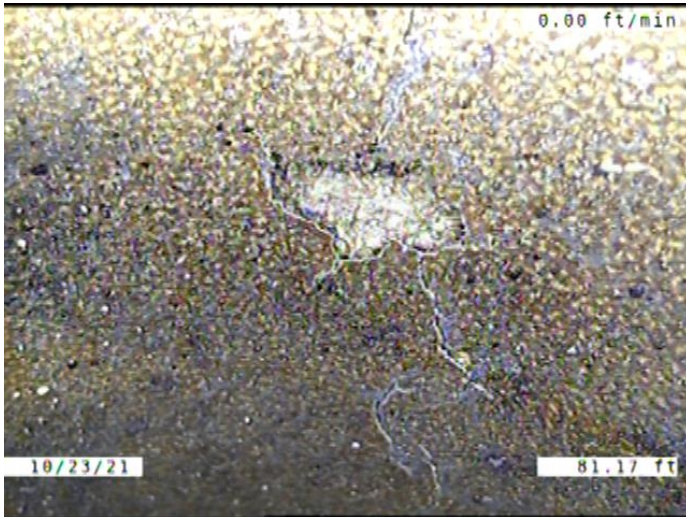
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **71.8**  
 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:



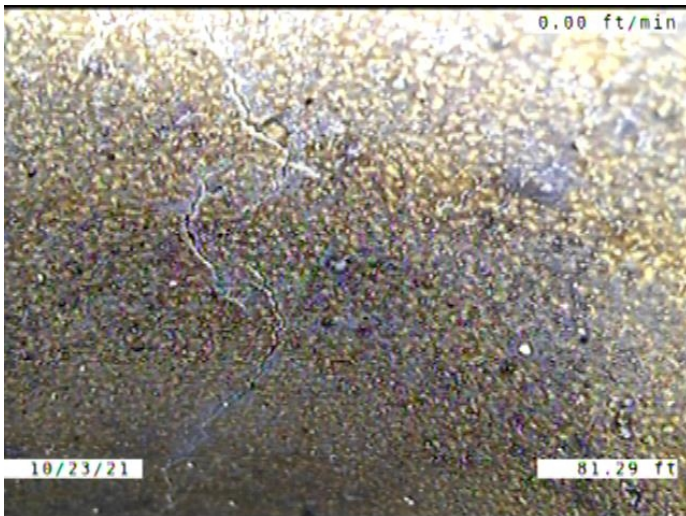
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **79.1**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S05**  
 Within 8" of Joint: **NO**  
 Remarks:



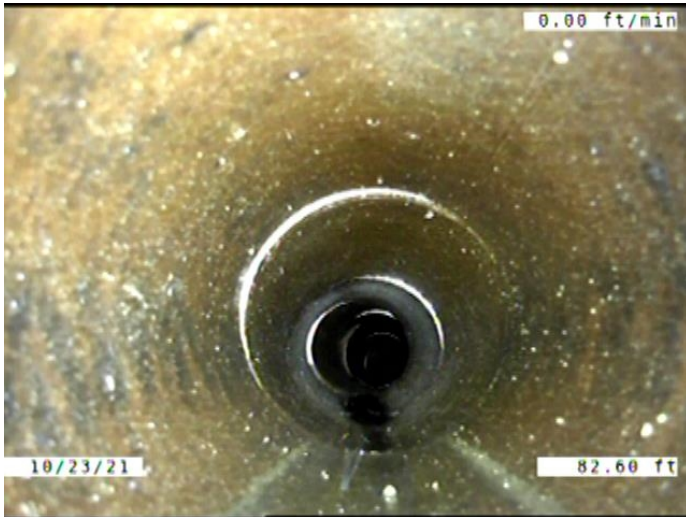
Code:	<b>SSS</b>
Description:	<b>Surface Damage Surface Spalling</b>
Distance (ft):	<b>81.2</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>1</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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Code:	<b>CS</b>
Description:	<b>Crack Spiral</b>
Distance (ft):	<b>81.3</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>1</b>
Clock To:	<b>2</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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

Distance (ft): **82.6**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F05**  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **82.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **3**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

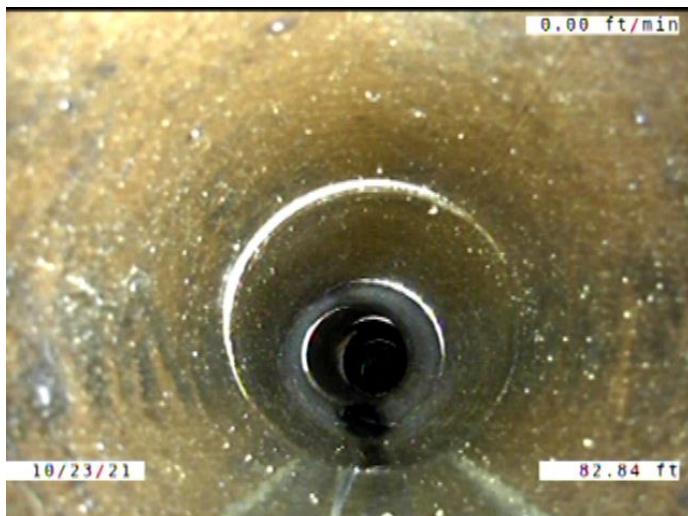
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Code: **DSF**  
 Description: **Deposits Settled Fine**

Distance (ft): **82.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F03**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **82.8**  
 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: **MADE IT TO THE POINT OF OVERLAP.  
 REVERSAL COMPLETE.**