

## Profile/Photo Observation Report

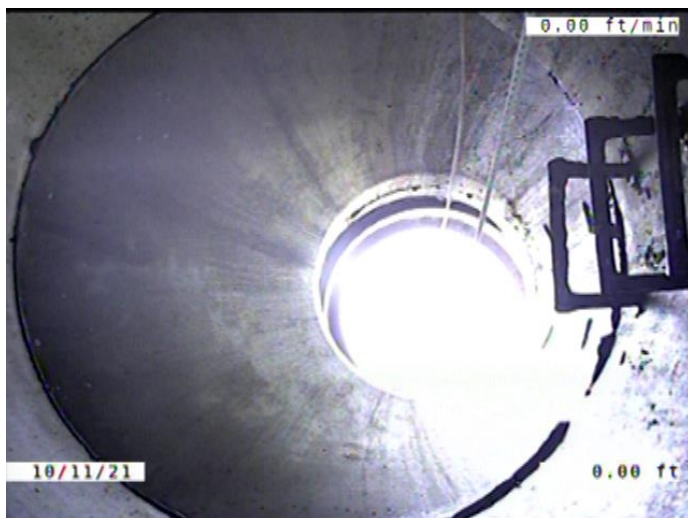


Date:	<b>10/11/2021</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>84.8</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-804-016-077</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>10/09/2021</b>	Shape:	<b>C</b>

Street:	<b>East Home Avenue</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>12"</b>
Use:	<b>Sanitary Sewage Pipe</b>	Material:	<b>VCP</b>
Drain Area:		Lining:	
Category:	<b>NA</b>		
Comment:			
Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-804-077</b>	DS MH:	<b>M-804-016</b>
		Total Length Surveyed (ft):	<b>84.8</b>

O&M Index:	<b>2.00</b>	O&M Quick:	<b>322B</b>	O&M Rating:	<b>44.00</b>
Structural Index:	<b>2.47</b>	Structural Quick:	<b>5136</b>	Structural Rating:	<b>47.00</b>
Overall Index:	<b>2.22</b>	Overall Quick:	<b>5138</b>	Overall Rating:	<b>91.00</b>

	Position	Code	Observation	Video (sec)	Grade
<div><div>M-804-077</div><div><div>Camera Direction</div><div></div></div></div>	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	75	NA
	.0	DSF(S01)	Deposits Settled Fine	85	M 2
	4.6	MMC	Miscellaneous Material Change	154	NA
	4.6	JAM	Joint Angular Medium	172	S 3
	4.6	LR	Line Right	190	M 1
	13.0	JAM	Joint Angular Medium	238	S 3
	28.7	MWLS(S02)	Miscellaneous Water Level Sag	329	S 2
	35.0	TFD	Tap Factory Defective	374	M 3
	36.5	JAM	Joint Angular Medium	411	S 3
	36.5	CM	Crack Multiple	425	S 3
	37.8	TFD	Tap Factory Defective	463	M 3
	47.3	SSS	Surface Damage Surface Spalling	645	S 2
	47.3	RFB	Roots Fine Barrel	655	M 2
	47.8	TB	Tap Break-in/Hammer	675	NA
	58.5	CM	Crack Multiple	780	S 3
	58.5	ISB	Infiltration Stain Barrel	794	M 1
	72.5	SMW	Surface Damage Missing Wall	877	S 5
	74.8	JAM	Joint Angular Medium	908	S 3
	80.5	SSS	Surface Damage Surface Spalling	952	S 2
	80.5	MWLS(F02)	Miscellaneous Water Level Sag	968	S 2
84.1	DSF(F01)	Deposits Settled Fine	1004	M 2	
84.8	AMH	Manhole	1137	NA	
<div><div>M-804-016</div></div>					



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-804-077**



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Code:	<b>MWL</b>
Description:	<b>Miscellaneous Water Level</b>
Distance (ft):	<b>.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

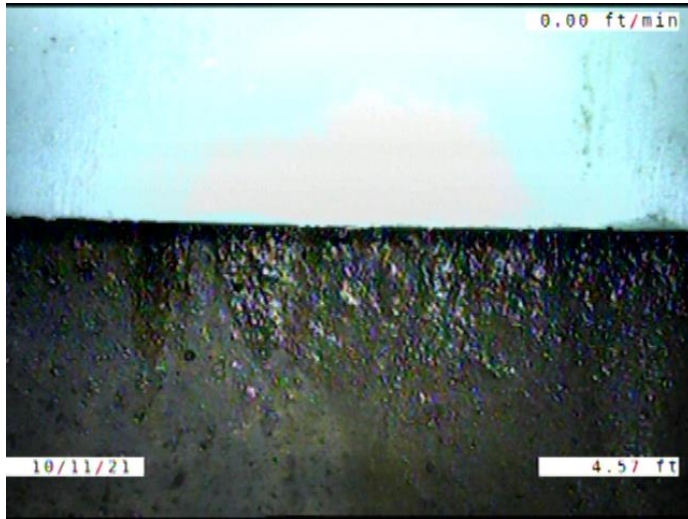
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Code:	<b>DSF</b>
Description:	<b>Deposits Settled Fine</b>
Distance (ft):	<b>.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>5</b>
Clock To:	<b>7</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	<b>S01</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	

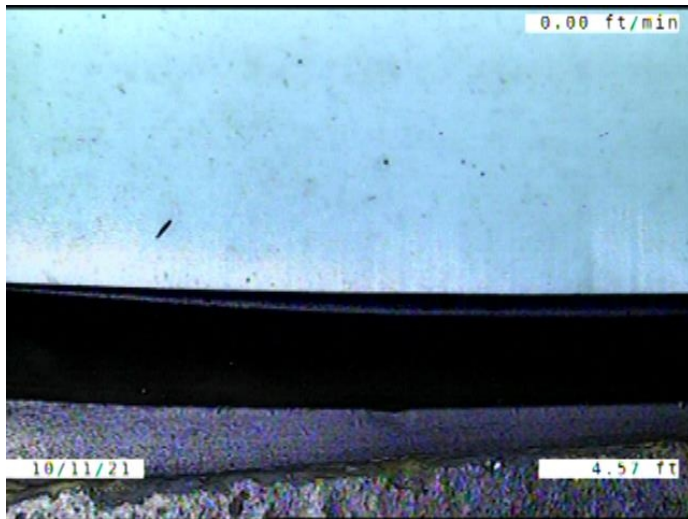
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Code: **MMC**  
Description: **Miscellaneous Material Change**

Distance (ft): **4.6**  
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: **PVC to VCP**

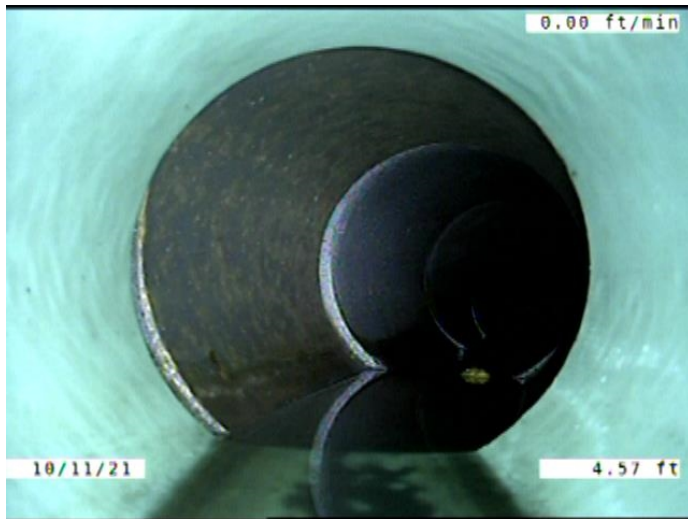
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Code: **JAM**  
Description: **Joint Angular Medium**

Distance (ft): **4.6**  
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:

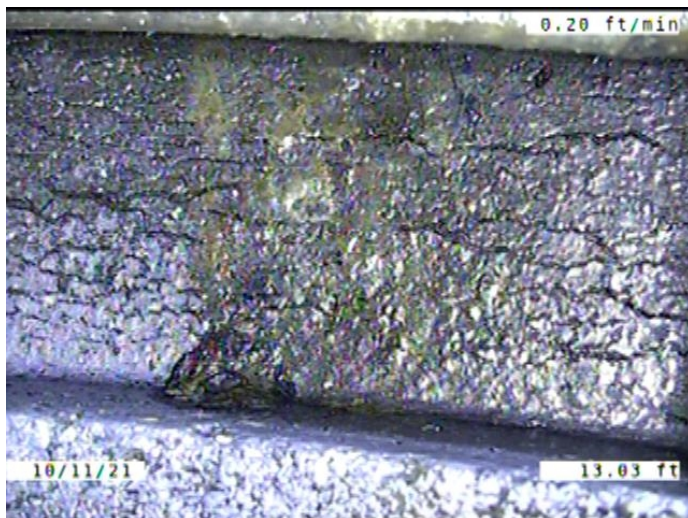
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Code: **LR**  
Description: **Line Right**

Distance (ft): **4.6**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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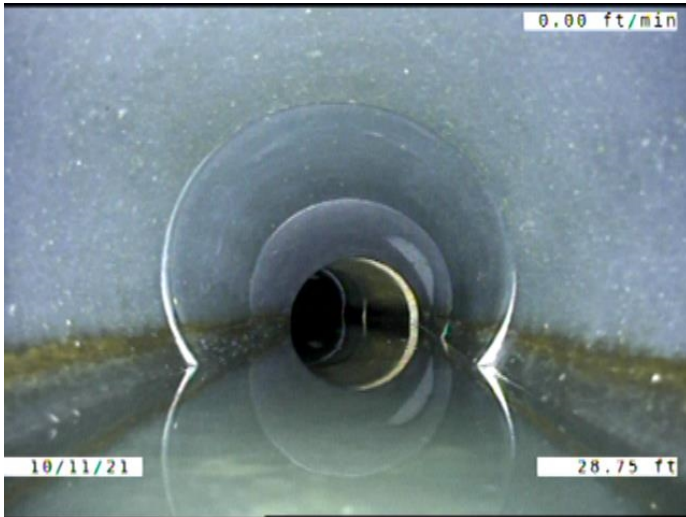


Code: **JAM**  
Description: **Joint Angular Medium**

Distance (ft): **13.0**  
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:

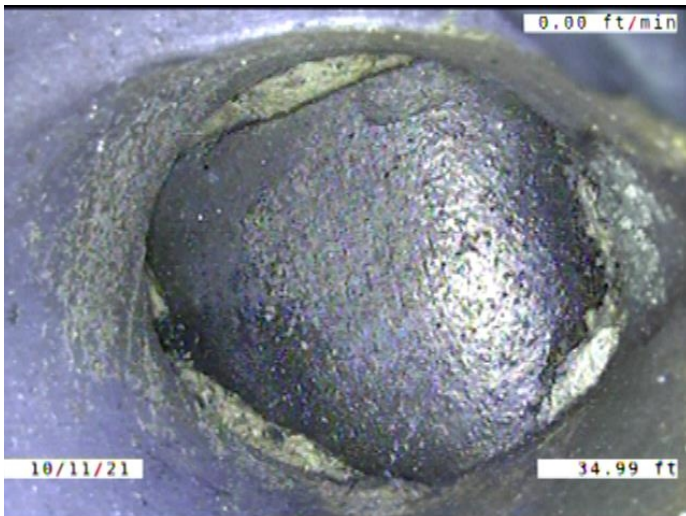
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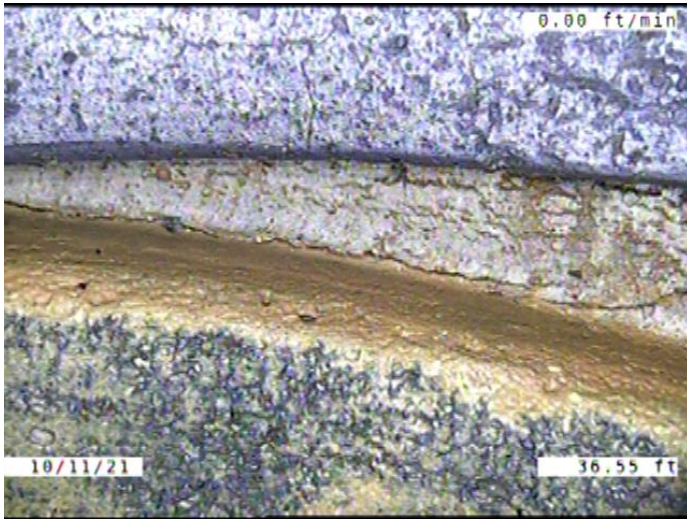
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **28.7**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **30.000**  
 Continuous Index: **S02**  
 Within 8" of Joint: **NO**  
 Remarks:



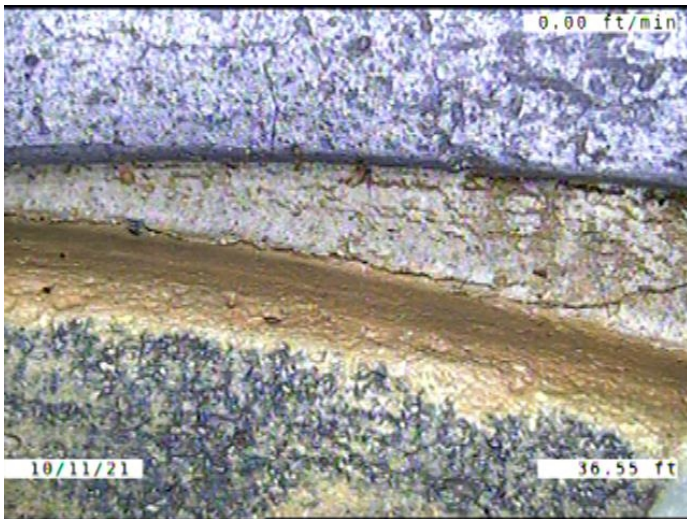
Code: **TFD**  
 Description: **Tap Factory Defective**

Distance (ft): **35.0**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **Defective**



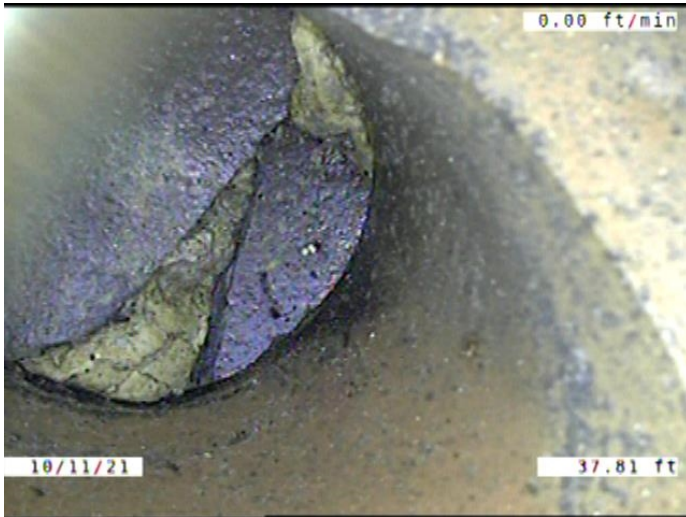
Code: **JAM**  
 Description: **Joint Angular Medium**

Distance (ft): **36.5**  
 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: **CM**  
 Description: **Crack Multiple**

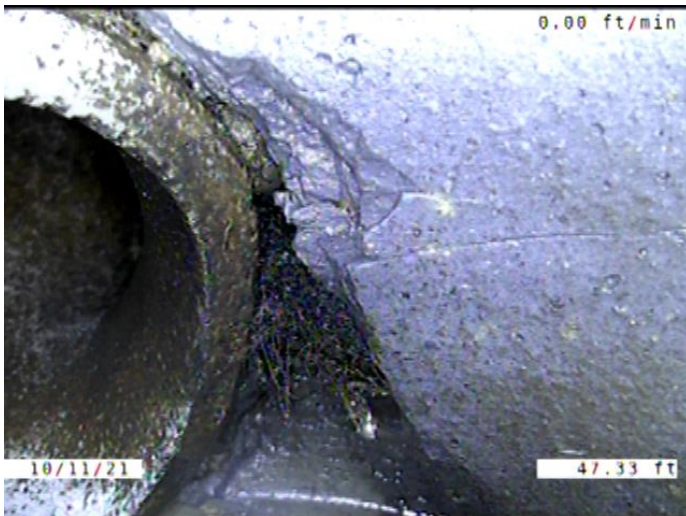
Distance (ft): **36.5**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **37.8**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **11**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **Defective**

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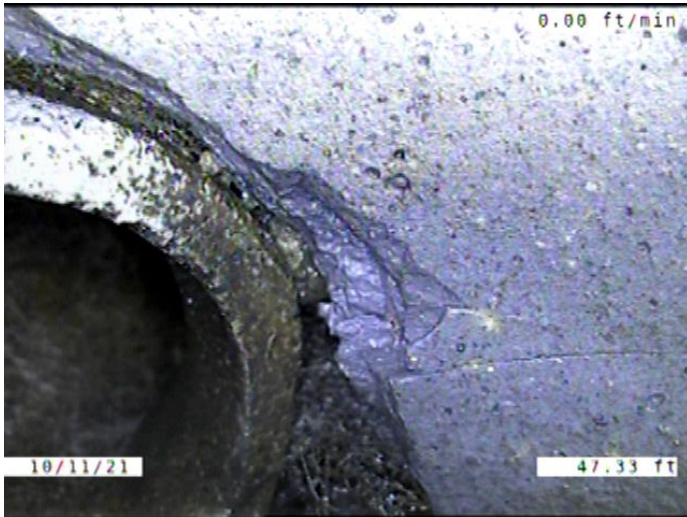


Code: **SSS**  
Description: **Surface Damage Surface Spalling**

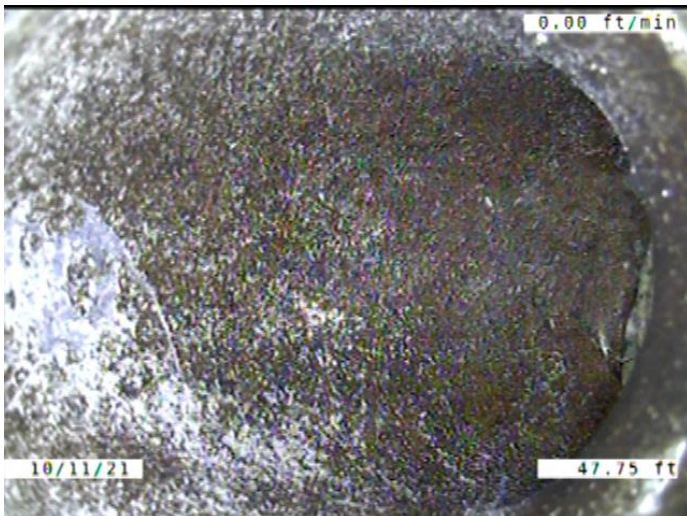
Distance (ft): **47.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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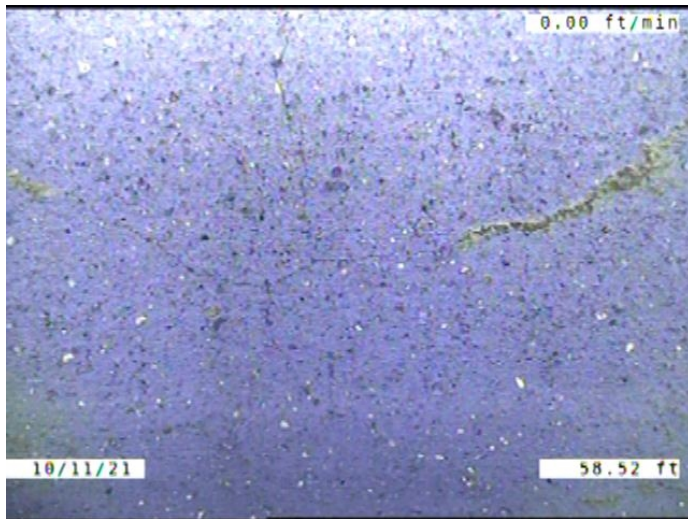




Code:	<b>RFB</b>
Description:	<b>Roots Fine Barrel</b>
Distance (ft):	<b>47.3</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>11</b>
Clock To:	<b>1</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>CAP LOOKS TO BE WOOD AND ROTTING AWAY</b>



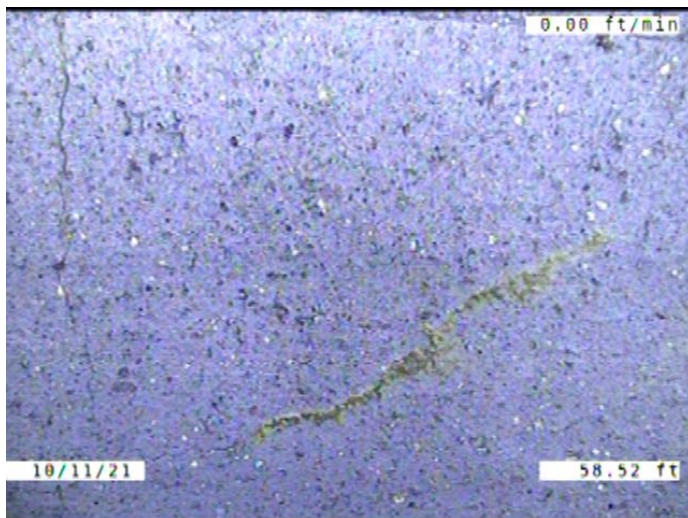
Code:	<b>TB</b>
Description:	<b>Tap Break-in/Hammer</b>
Distance (ft):	<b>47.8</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>12</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	



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

Distance (ft): **58.5**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CAP MISSING SOIL VISIBLE**

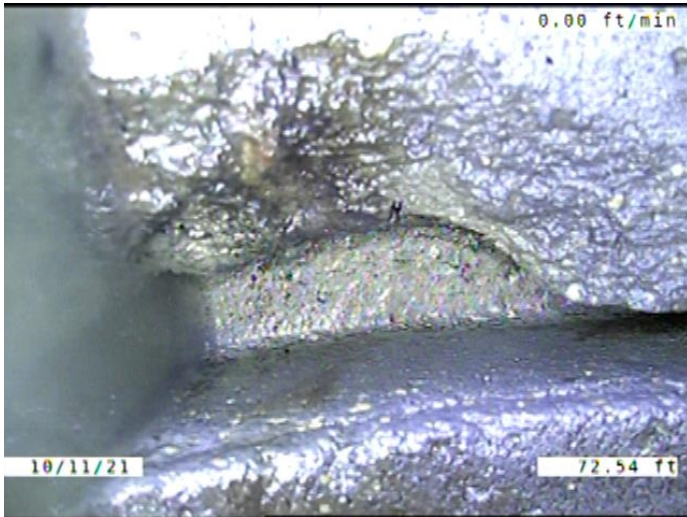
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Code: **ISB**  
Description: **Infiltration Stain Barrel**

Distance (ft): **58.5**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

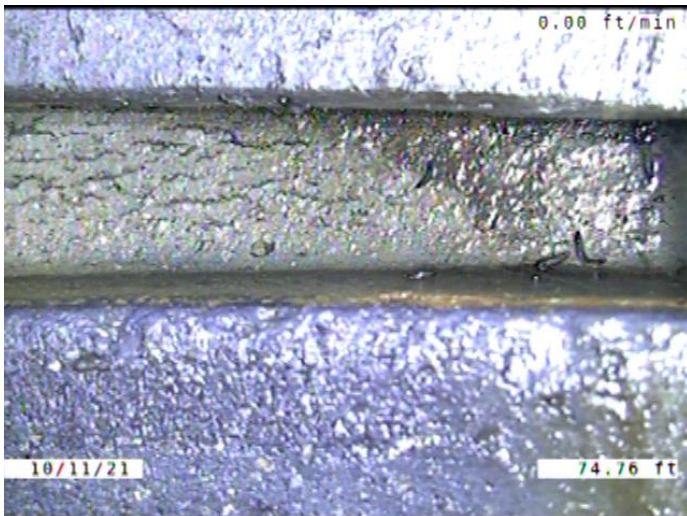
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Code: **SMW**  
Description: **Surface Damage Missing Wall**

Distance (ft): **72.5**  
Structural Grade: **5**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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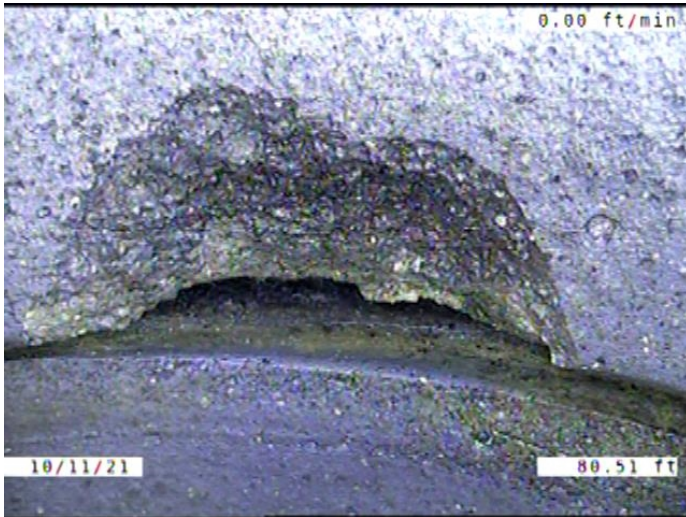


Code: **JAM**  
Description: **Joint Angular Medium**

Distance (ft): **74.8**  
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:

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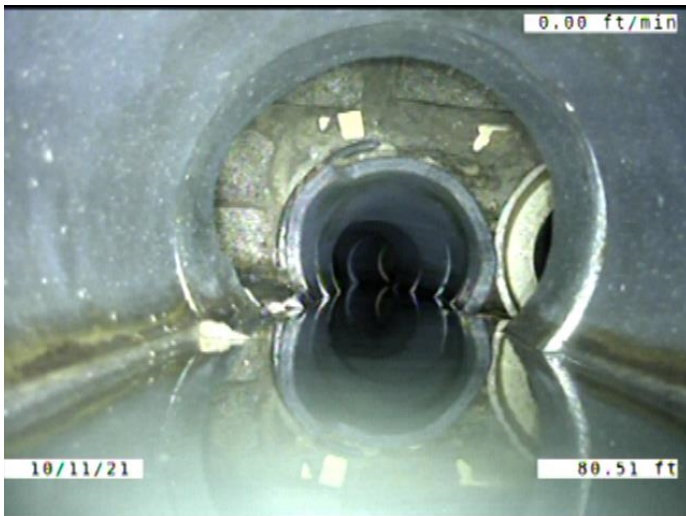




Code: **SSS**  
Description: **Surface Damage Surface Spalling**

Distance (ft): **80.5**  
Structural Grade: **2**  
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:

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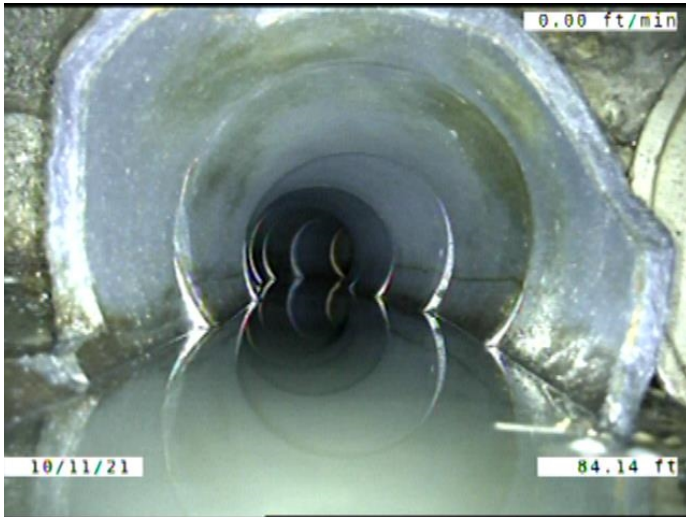


Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **80.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **30.000**  
Continuous Index: **F02**  
Within 8" of Joint: **NO**  
Remarks: **CAP LOOKS TO BE WOOD AND ROTTING AWAY**

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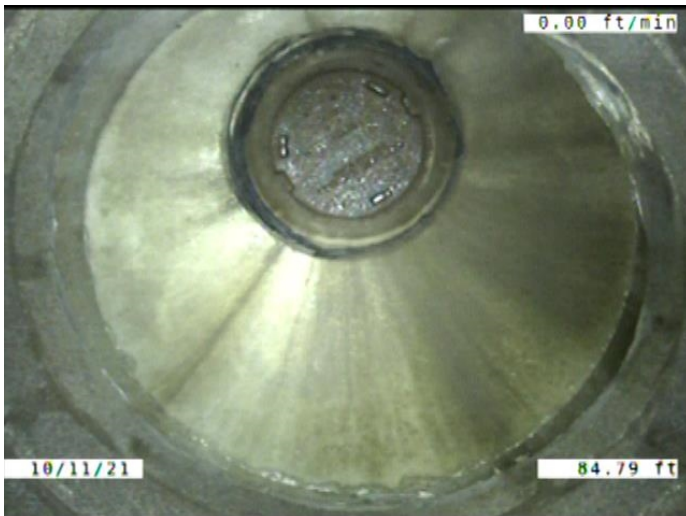




Code: **DSF**  
 Description: **Deposits Settled Fine**

Distance (ft): **84.1**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F01**  
 Within 8" of Joint: **YES**  
 Remarks:

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

Distance (ft): **84.8**  
 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-804-016**