

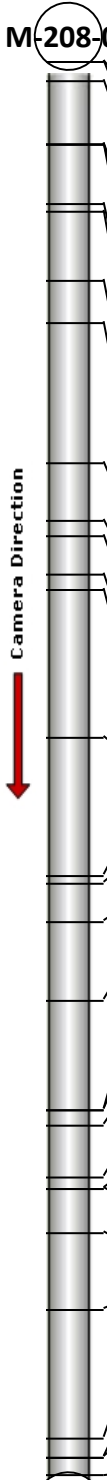
## Profile/Photo Observation Report

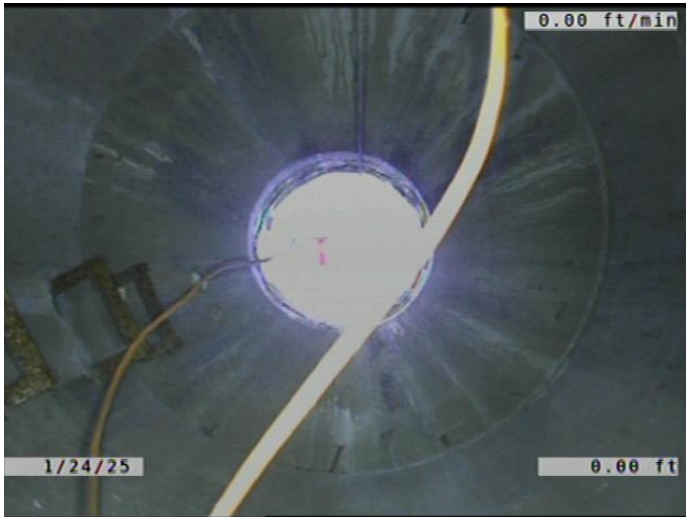


Date:	<b>01/24/2025</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>289.0</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-208-017-018</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>08/01/2024</b>	Shape:	<b>C</b>

Street:	<b>Brookview Court</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Easement/Right of Way</b>	Tape/Media #:	
Purpose:	<b>Sewer System Evaluation Survey (SS</b>	Dia/Height:	<b>15"</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>Upstream</b>
US MH:	<b>M-208-017</b>	DS MH:	<b>M-208-018</b>
		Total Length Surveyed (ft):	<b>274.2</b>

O&M Index:	<b>2.15</b>	O&M Quick:	<b>3B2I</b>	O&M Rating:	<b>153.00</b>
Structural Index:	<b>3.07</b>	Structural Quick:	<b>4D39</b>	Structural Rating:	<b>172.00</b>
Overall Index:	<b>2.56</b>	Overall Quick:	<b>4D3C</b>	Overall Rating:	<b>325.00</b>

	Position	Code	Observation	Video (sec)	Grade
	M-208-018				
	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	57	NA
	5.9	MWLS(S01)	Miscellaneous Water Level Sag	111	S 2
	16.0	DAE	Deposits Attached Encrustation	187	M 2
	16.0	IDJ	Infiltration Dripper Joint	202	M 3
	16.0	IWJ	Infiltration Weeper Joint	225	M 2
	29.9	TF	Tap Factory	310	NA
	31.2	DAE(S02)	Deposits Attached Encrustation	375	M 2
	42.6	SSC	Surface Spalling of Damage Coating	446	S 1
	50.8	SSC	Surface Spalling of Damage Coating	486	S 1
	77.8	MWLS(F01)	Miscellaneous Water Level Sag	597	S 2
	89.1	SSS	Surface Damage Surface Spalling	641	S 2
	92.2	SSC	Surface Spalling of Damage Coating	668	S 1
	99.4	TF	Tap Factory	724	NA
	102.3	TFD	Tap Factory Defective	750	M 3
	131.3	MWLS(S03)	Miscellaneous Water Level Sag	854	S 4
	157.8	SSS	Surface Damage Surface Spalling	1045	S 2
	159.6	TF	Tap Factory	1106	NA
	166.9	SSS	Surface Damage Surface Spalling	1178	S 2
	182.2	RFJ(S04)	Roots Fine Joint	1283	M 1
	203.4	RFJ(F04)	Roots Fine Joint	2295	M 1
	203.4	RMJ(S05)	Roots Medium Joint	2331	M 3
	206.3	FS(S06)	Fracture Spiral	2459	S 3
	216.3	FS	Fracture Spiral	2765	S 3
	218.6	FS	Fracture Spiral	2802	S 3
	218.6	RFB	Roots Fine Barrel	2813	M 2
	227.3	RTJ	Roots Tap Joint	2939	M 2
	242.1	FS(F06)	Fracture Spiral	3146	S 3
	267.0	MWLS(F03)	Miscellaneous Water Level Sag	3526	S 4
	270.7	RMJ(F05)	Roots Medium Joint	3605	M 3
	270.7	DAE(F02)	Deposits Attached Encrustation	3613	M 2
	274.2	AMH	Manhole	3786	NA
	M-208-017				



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-208-018**

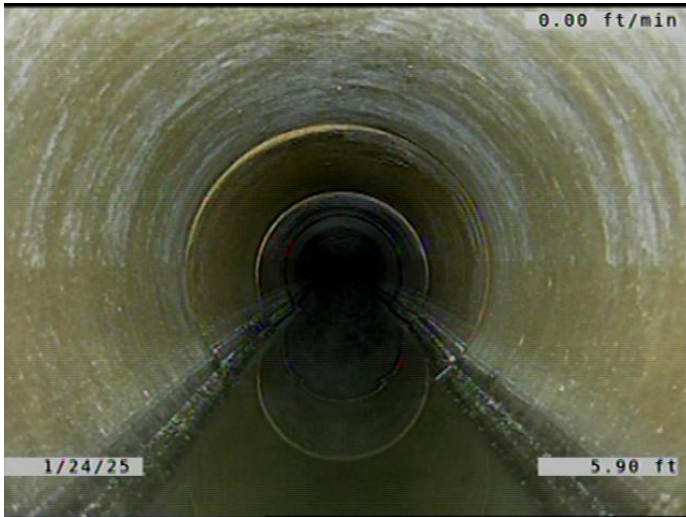
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Code: **MWL**  
Description: **Miscellaneous Water Level**

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

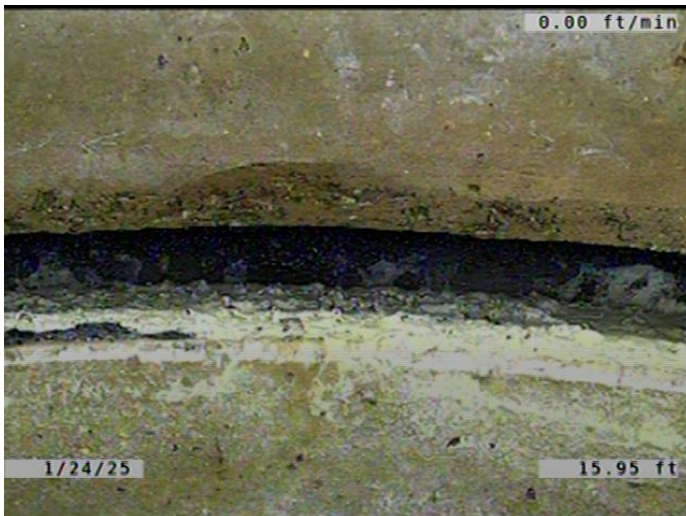
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **5.9**  
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:

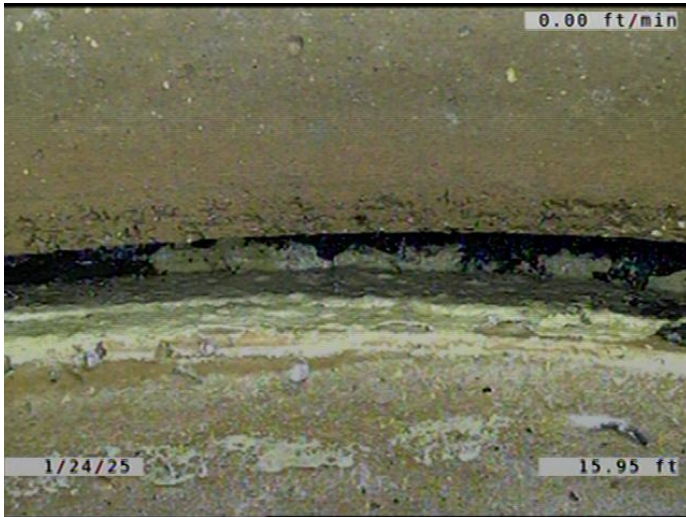
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Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **16.0**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **IDJ**  
 Description: **Infiltration Dripper Joint**

Distance (ft): **16.0**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **10**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

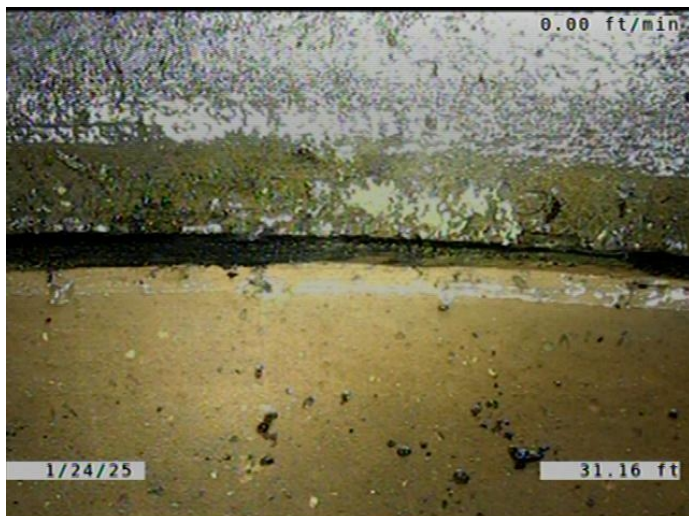
Distance (ft): **16.0**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





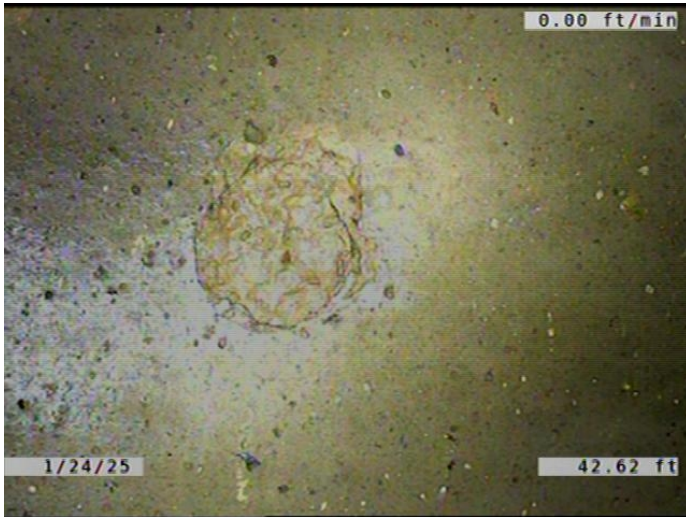
Code: **TF**  
 Description: **Tap Factory**

Distance (ft): **29.9**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **SERVICE JOINTS OFFSET.**



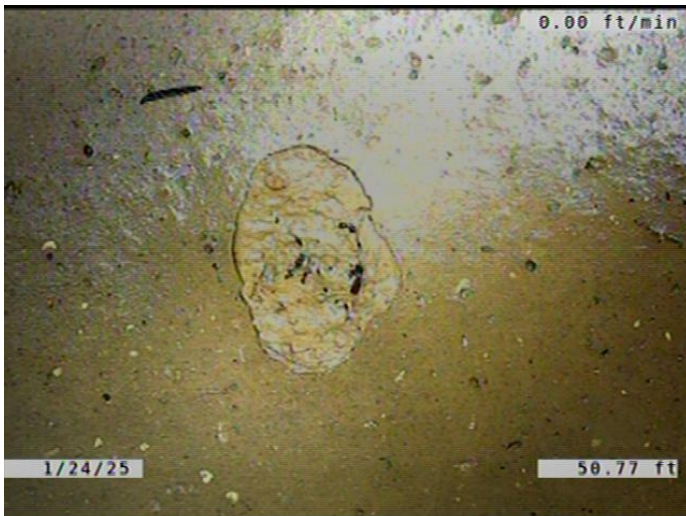
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **31.2**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S02**  
 Within 8" of Joint: **YES**  
 Remarks:



Code:	SSC
Description:	Surface Spalling of Damage Coating
Distance (ft):	42.6
Structural Grade:	1
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:	SSC
Description:	Surface Spalling of Damage Coating
Distance (ft):	50.8
Structural Grade:	1
O&M Grade:	0
Clock Start/From:	10
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

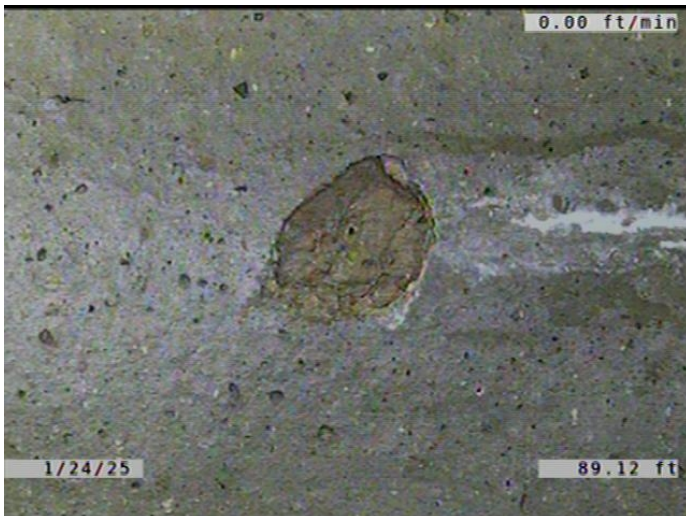
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **77.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **20.000**  
Continuous Index: **F01**  
Within 8" of Joint: **NO**  
Remarks:

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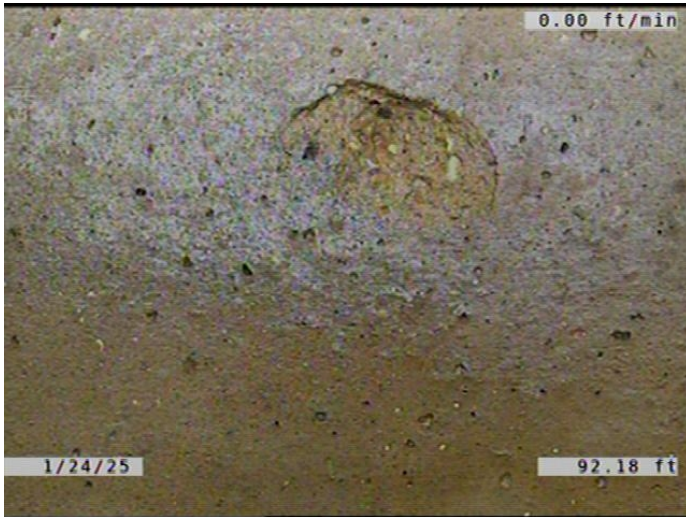


Code: **SSS**  
Description: **Surface Damage Surface Spalling**

Distance (ft): **89.1**  
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:

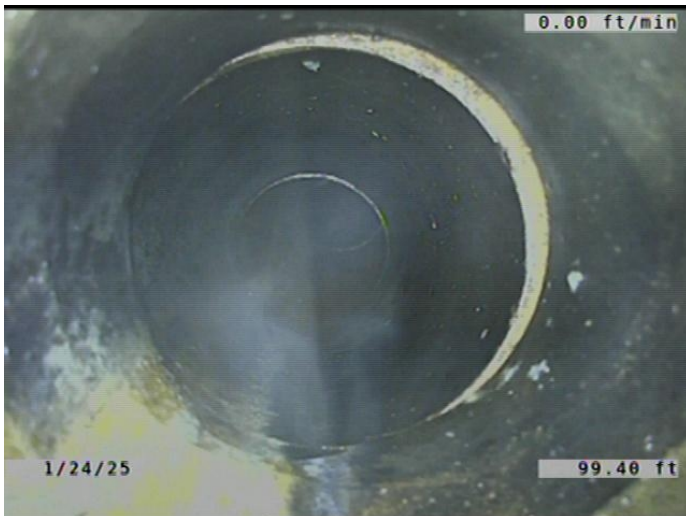
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Code:	<b>SSC</b>
Description:	<b>Surface Spalling of Damage Coating</b>
Distance (ft):	<b>92.2</b>
Structural Grade:	<b>1</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>12</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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Code:	<b>TF</b>
Description:	<b>Tap Factory</b>
Distance (ft):	<b>99.4</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>11</b>
Clock To:	
1st Value:	<b>6.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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

Distance (ft): **102.3**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ENCRUSTATION COMING FROM THE SERVICE INTO THE MAIN.**



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

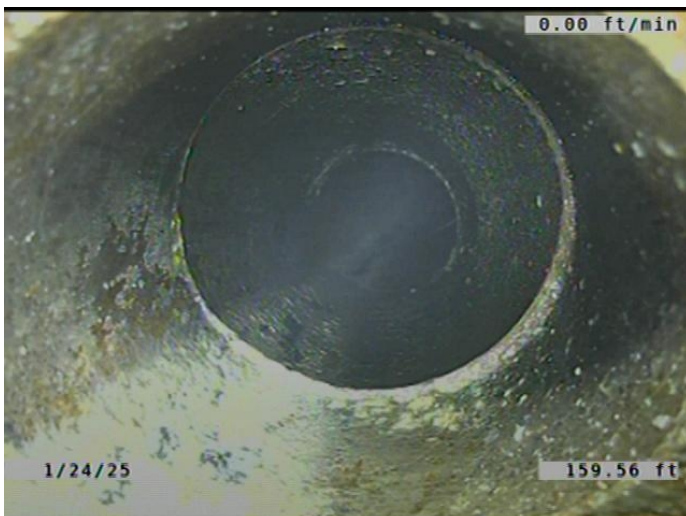
Distance (ft): **131.3**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **70.000**  
 Continuous Index: **S03**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **157.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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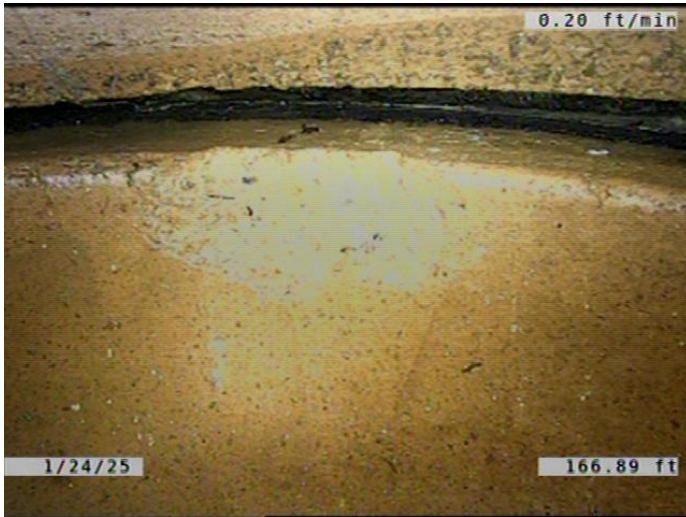


Code: **TF**  
Description: **Tap Factory**

Distance (ft): **159.6**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **11**  
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:	<b>SSS</b>
Description:	<b>Surface Damage Surface Spalling</b>
Distance (ft):	<b>166.9</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>10</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

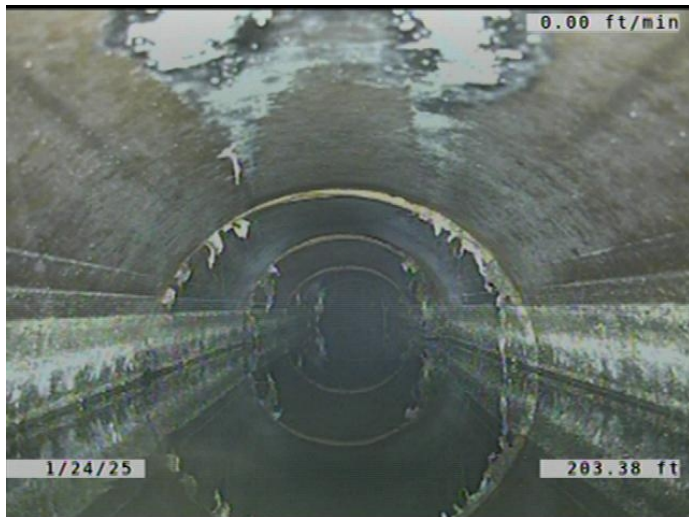
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Code:	<b>RFJ</b>
Description:	<b>Roots Fine Joint</b>
Distance (ft):	<b>182.2</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>1</b>
Clock Start/From:	<b>9</b>
Clock To:	<b>3</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>S04</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	

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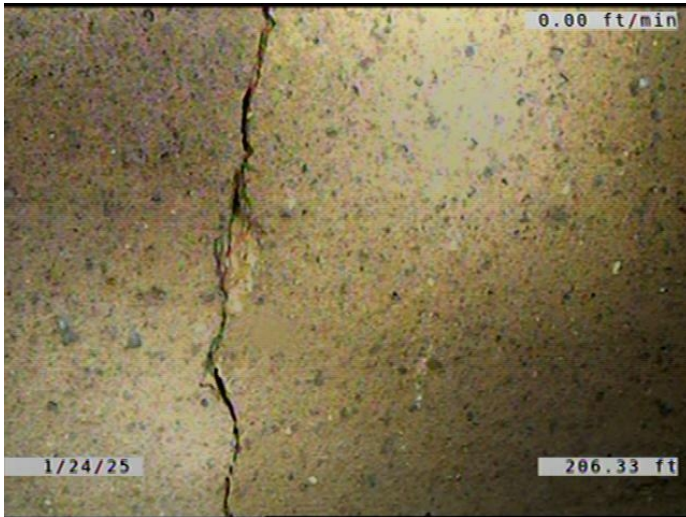
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **203.4**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F04**  
 Within 8" of Joint: **YES**  
 Remarks:



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

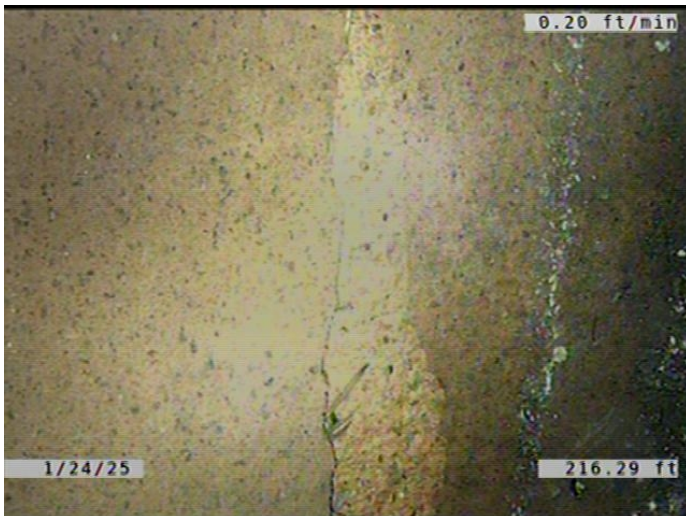
Distance (ft): **203.4**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S05**  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **FS**  
Description: **Fracture Spiral**

Distance (ft): **206.3**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S06**  
Within 8" of Joint: **YES**  
Remarks:

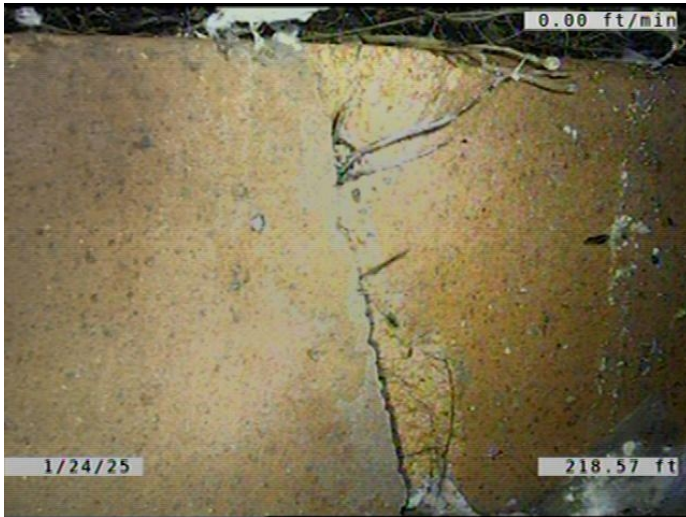
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Code: **FS**  
Description: **Fracture Spiral**

Distance (ft): **216.3**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

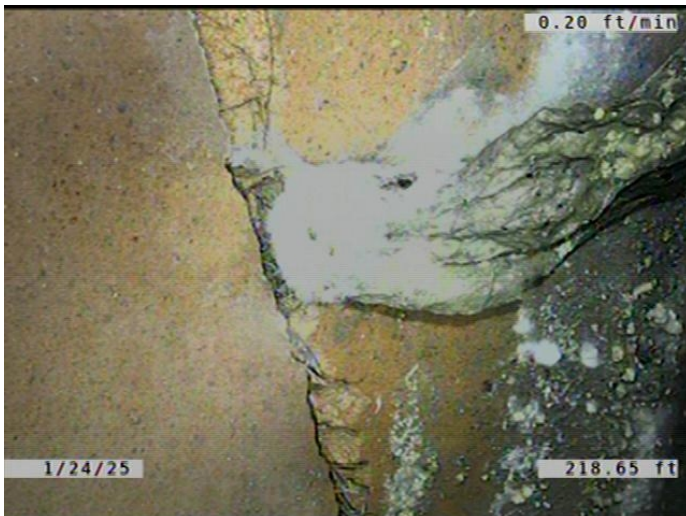
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Code: **FS**  
 Description: **Fracture Spiral**

Distance (ft): **218.6**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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Code: **RFB**  
 Description: **Roots Fine Barrel**

Distance (ft): **218.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **2**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:

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Code: **RTJ**  
 Description: **Roots Tap Joint**

Distance (ft): **227.3**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **1**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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Code: **FS**  
 Description: **Fracture Spiral**

Distance (ft): **242.1**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F06**  
 Within 8" of Joint: **YES**  
 Remarks:

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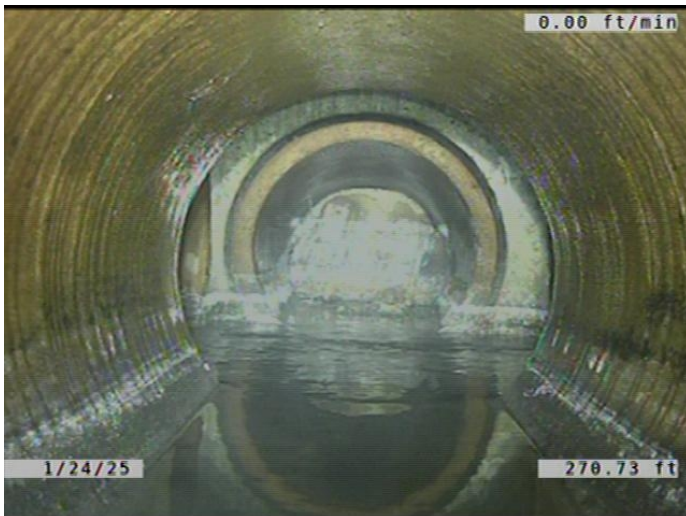




Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **267.0**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **70.000**  
 Continuous Index: **F03**  
 Within 8" of Joint: **NO**  
 Remarks:

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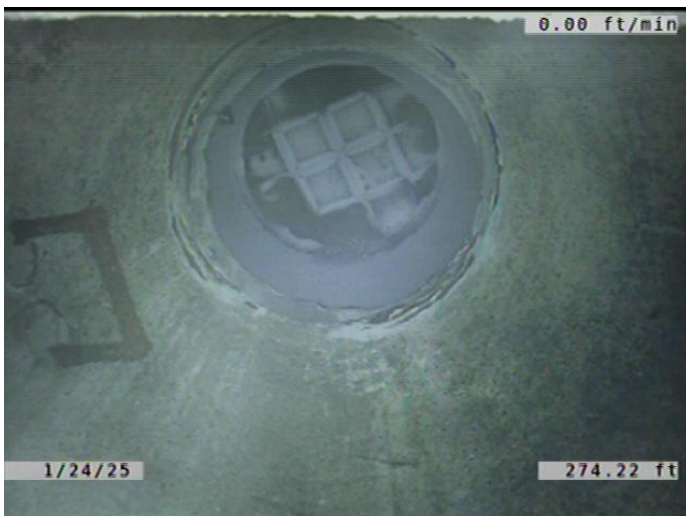
Code: **RMJ**  
 Description: **Roots Medium Joint**

Distance (ft): **270.7**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F05**  
 Within 8" of Joint: **YES**  
 Remarks:

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Code:	<b>DAE</b>
Description:	<b>Deposits Attached Encrustation</b>
Distance (ft):	<b>270.7</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>8</b>
Clock To:	<b>4</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	<b>F02</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	



Code:	<b>AMH</b>
Description:	<b>Manhole</b>
Distance (ft):	<b>274.2</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>M-208-017</b>