

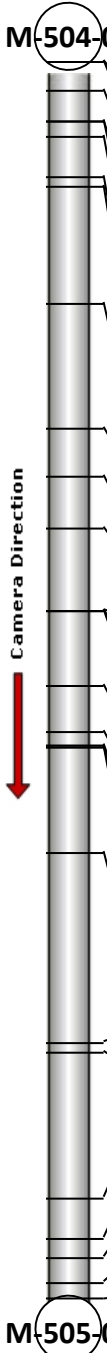
## Profile/Photo Observation Report



Date:	<b>01/27/2025</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>166.0</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-504-024-057</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>01/06/2025</b>	Shape:	<b>C</b>

Street:	<b>South Colorado 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>Sewer System Evaluation Survey (SS</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-504-024</b>	DS MH:	<b>M-505-057</b>
		Total Length Surveyed (ft):	<b>166.2</b>

O&M Index:	<b>1.90</b>	O&M Quick:	<b>3225</b>	O&M Rating:	<b>19.00</b>
Structural Index:	<b>2.85</b>	Structural Quick:	<b>423E</b>	Structural Rating:	<b>114.00</b>
Overall Index:	<b>2.66</b>	Overall Quick:	<b>423E</b>	Overall Rating:	<b>133.00</b>

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	60	NA
	5.3	FM	Fracture Multiple	157	S 4
	8.0	FM	Fracture Multiple	260	S 4
	8.0	JAM	Joint Angular Medium	270	S 3
	10.0	MWL	Miscellaneous Water Level	296	NA
	15.5	SSS	Surface Damage Surface Spalling	332	S 2
	18.4	JAM(S01)	Joint Angular Medium	383	S 3
	32.4	SSC	Surface Spalling of Damage Coating	444	S 1
	50.8	LR	Line Right	516	M 1
	55.7	TFD	Tap Factory Defective	562	M 3
	64.3	LL	Line Left	612	M 1
	75.4	SSS	Surface Damage Surface Spalling	678	S 2
	75.4	DAE	Deposits Attached Encrustation	696	M 2
	75.4	CM	Crack Multiple	712	S 3
	85.4	MWL	Miscellaneous Water Level	765	NA
	91.7	SSC	Surface Spalling of Damage Coating	801	S 1
	93.5	CM	Crack Multiple	843	S 3
	93.7	ISB	Infiltration Stain Barrel	859	M 1
	93.7	SSS	Surface Damage Surface Spalling	874	S 2
	106.4	SSS	Surface Damage Surface Spalling	969	S 2
	132.0	RTJ	Roots Tap Joint	1091	M 2
	133.2	TFD	Tap Factory Defective	1132	M 3
	152.9	DAE	Deposits Attached Encrustation	1238	M 2
	158.2	DAE	Deposits Attached Encrustation	1306	M 2
	160.9	DAE	Deposits Attached Encrustation	1350	M 2
	164.2	JAM(F01)	Joint Angular Medium	1374	S 3
	166.2	AMH	Manhole	1451	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-504-024**

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

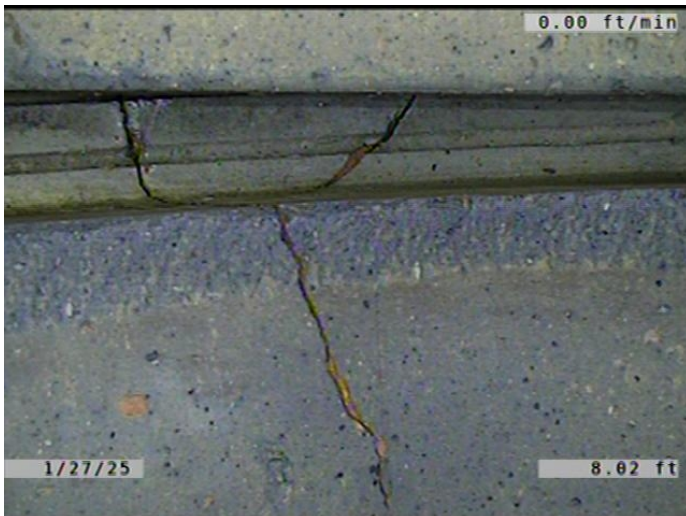
Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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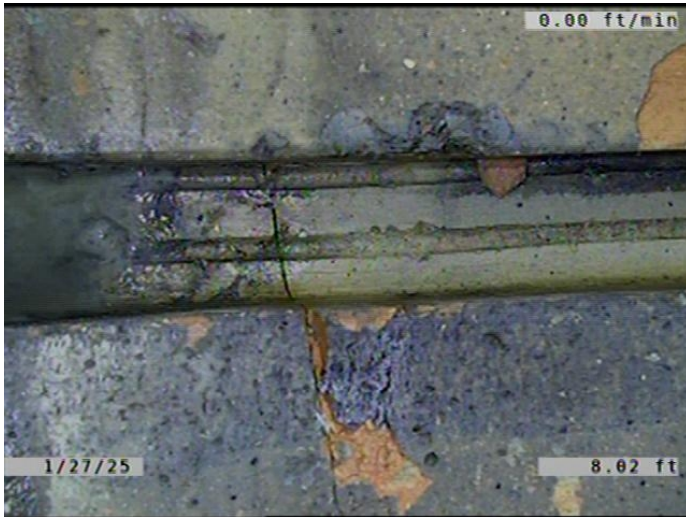
Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **5.3**  
 Structural Grade: **4**  
 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:



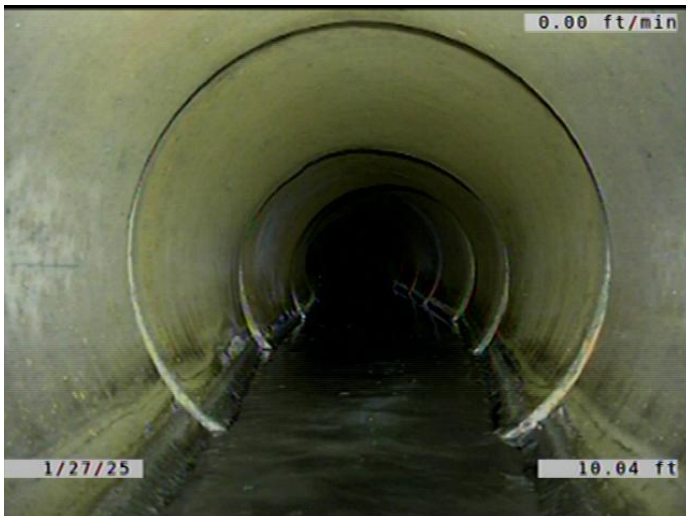
Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **8.0**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **7**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

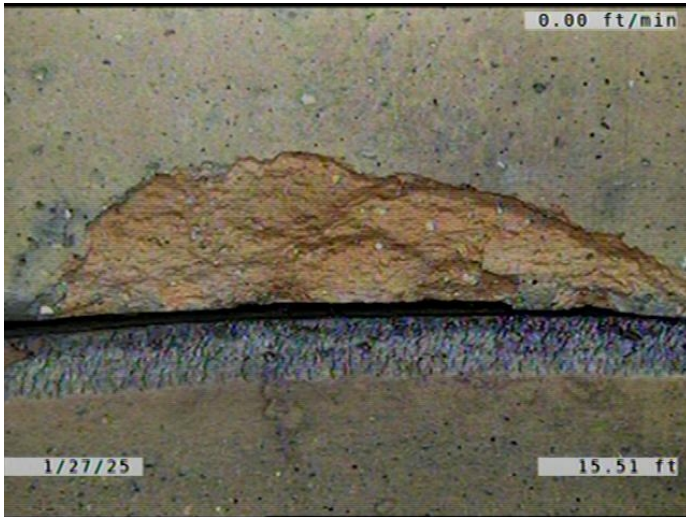
Distance (ft): **8.0**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



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

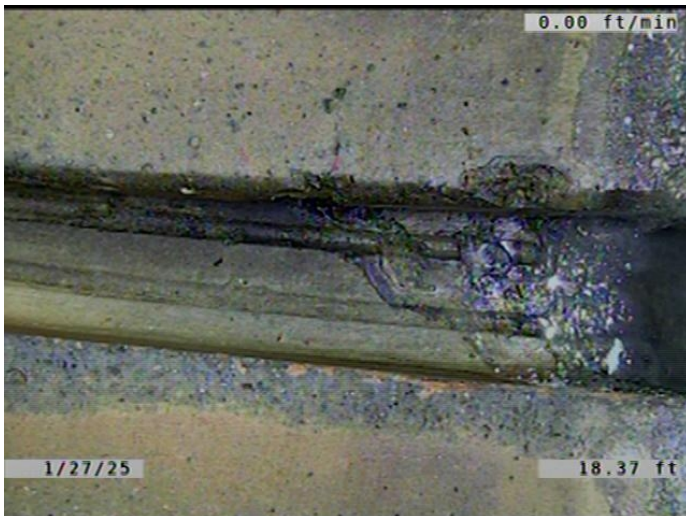
Distance (ft): **10.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **20.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:





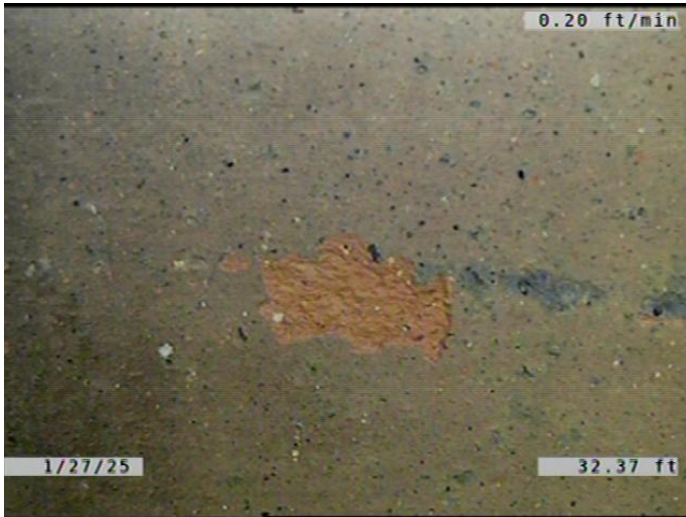
Code: **SSS**  
 Description: **Surface Damage Surface Spalling**

Distance (ft): **15.5**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **18.4**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S01**  
 Within 8" of Joint: **NO**  
 Remarks:



Code:	SSC
Description:	Surface Spalling of Damage Coating
Distance (ft):	32.4
Structural Grade:	1
O&M Grade:	0
Clock Start/From:	9
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):	50.8
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:	TFD
Description:	Tap Factory Defective
Distance (ft):	55.7
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	11
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	ROOTS GROWING FROM THE JOINTS INTO THE MAIN.



Code:	LL
Description:	Line Left
Distance (ft):	64.3
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

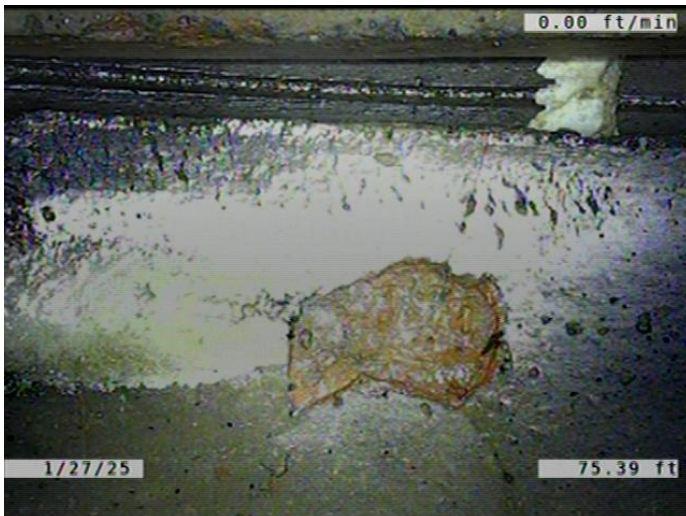




Code: **SSS**  
Description: **Surface Damage Surface Spalling**

Distance (ft): **75.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

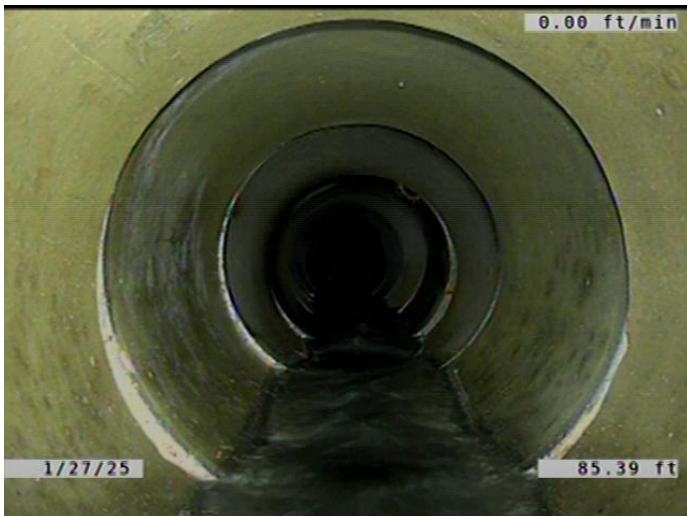
Distance (ft): **75.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **75.4**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

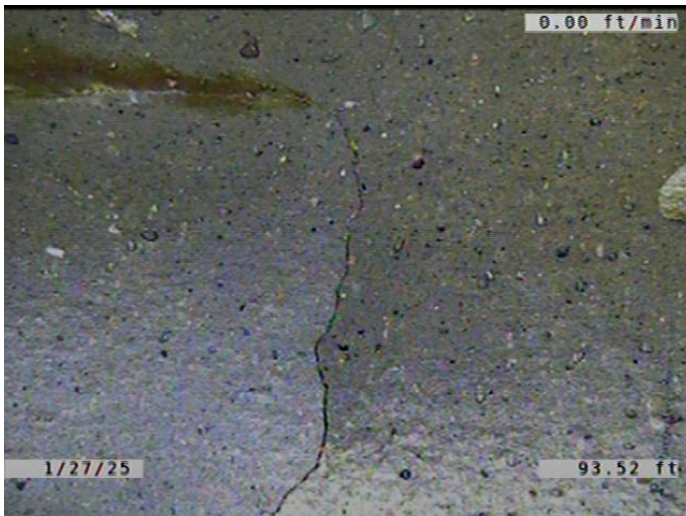
Distance (ft): **85.4**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **91.7**  
Structural Grade: **1**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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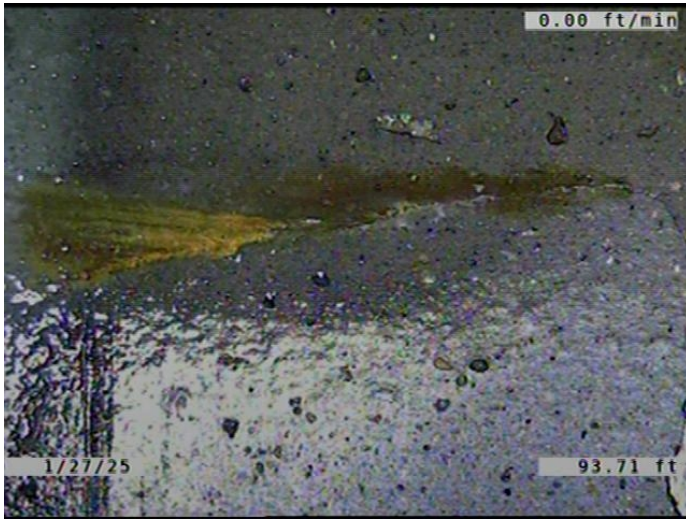


Code: **CM**  
Description: **Crack Multiple**

Distance (ft): **93.5**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **93.7**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **3**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **93.7**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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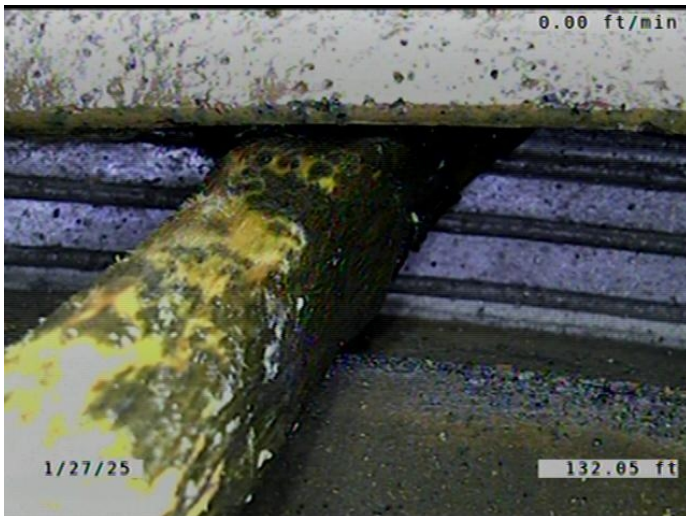




Code: **SSS**  
Description: **Surface Damage Surface Spalling**

Distance (ft): **106.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

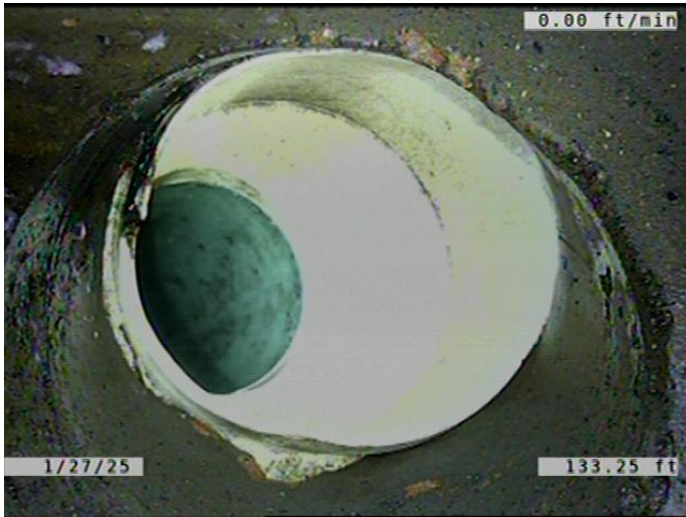
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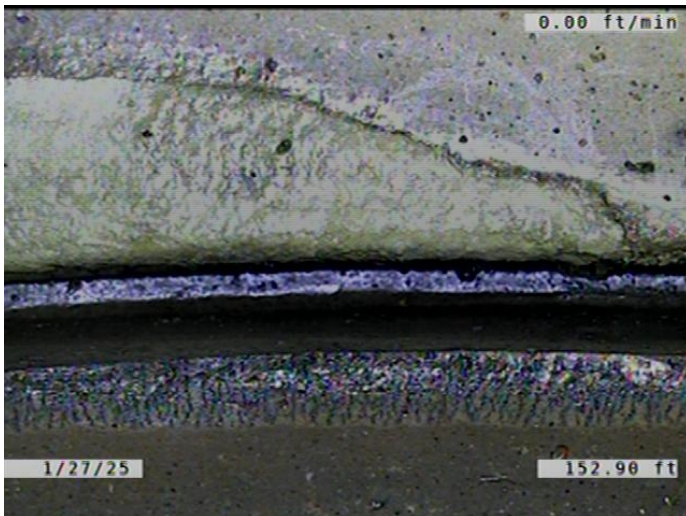
Code: **RTJ**  
Description: **Roots Tap Joint**

Distance (ft): **132.0**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **10**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code:	<b>TFD</b>
Description:	<b>Tap Factory Defective</b>
Distance (ft):	<b>133.2</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</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:	<b>SERVICE IS PVC. ENCRUSTATION COMING FROM THE SERVICE TO MA</b>

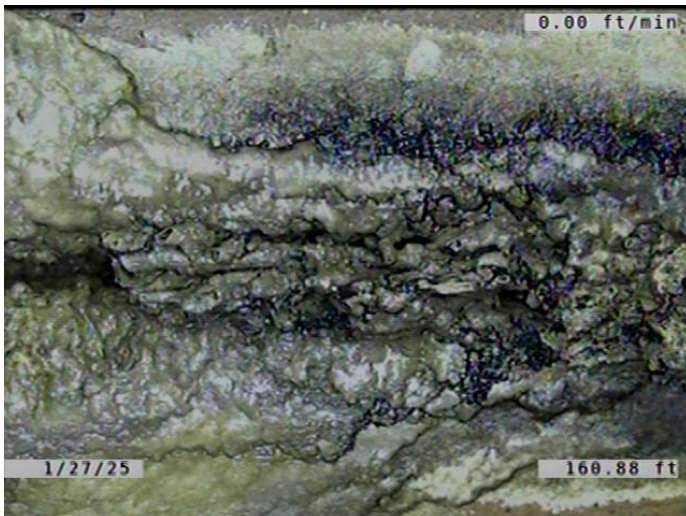


Code:	<b>DAE</b>
Description:	<b>Deposits Attached Encrustation</b>
Distance (ft):	<b>152.9</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>8</b>
Clock To:	<b>11</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	



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

Distance (ft): **158.2**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **160.9**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

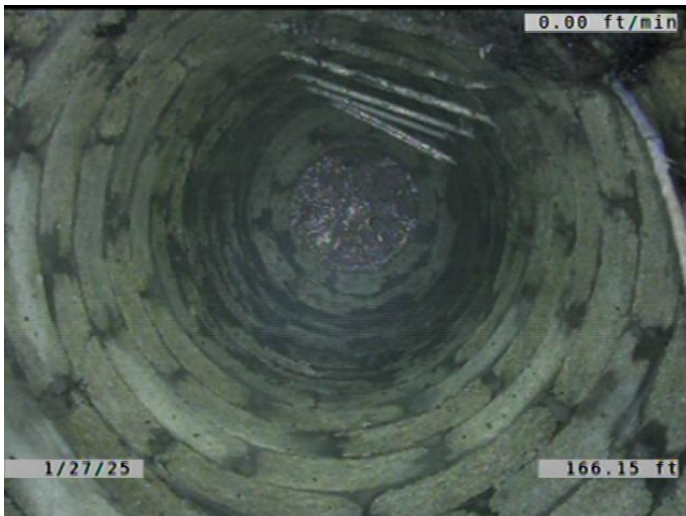




Code: **JAM**  
 Description: **Joint Angular Medium**

Distance (ft): **164.2**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F01**  
 Within 8" of Joint: **NO**  
 Remarks:

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

Distance (ft): **166.2**  
 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-505-057**