

## Profile/Photo Observation Report



Date:	<b>11/19/2021</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>171.0</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-605-073-074</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>11/18/2021</b>	Shape:	<b>C</b>

Street:	<b>South Ash 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>Routine Assessment</b>	Dia/Height:	<b>10"</b>
Use:	<b>Sanitary Sewage Pipe</b>	Material:	<b>VCP</b>
Drain Area:		Lining:	<b>None</b>

Category: **NA**

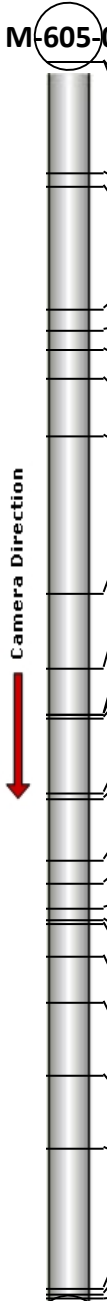
Comment:

Location Details: Direction of Survey: **Downstream**

US MH: **M-605-074** DS MH: **M-605-073** Total Length Surveyed (ft): **105.5**

O&M Index:	<b>1.33</b>	O&M Quick:	<b>3123</b>	O&M Rating:	<b>20.00</b>
Structural Index:	<b>2.65</b>	Structural Quick:	<b>4237</b>	Structural Rating:	<b>45.00</b>
Overall Index:	<b>2.03</b>	Overall Quick:	<b>4238</b>	Overall Rating:	<b>65.00</b>



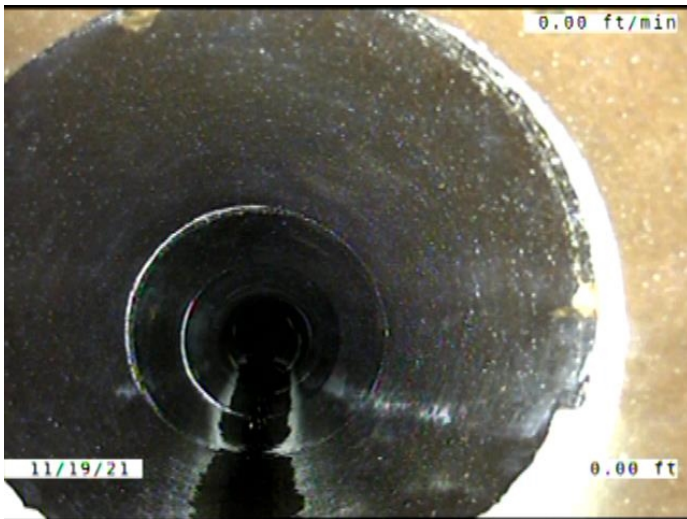
	Position	Code	Observation	Video (sec)	Grade
	M-605-074				
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	75	NA
	9.5	MWLS	Miscellaneous Water Level Sag	130	S 2
	10.6	JAM	Joint Angular Medium	171	S 3
	21.1	CS	Crack Spiral	238	S 2
	23.0	SSS	Surface Damage Surface Spalling	301	S 2
	24.6	TBI	Tap Break-in Intruding	326	M 2
	27.1	CM	Crack Multiple	404	S 3
	32.0	SSS	Surface Damage Surface Spalling	455	S 2
	45.4	CS	Crack Spiral	534	S 2
	51.7	CM	Crack Multiple	599	S 3
	55.7	RFJ	Roots Fine Joint	661	M 1
	55.7	FM	Fracture Multiple	704	S 4
	56.1	RFJ(S01)	Roots Fine Joint	761	M 1
	62.4	SSS	Surface Damage Surface Spalling	823	S 2
	62.9	TBI	Tap Break-in Intruding	846	M 2
	68.2	CM	Crack Multiple	920	S 3
	70.1	CM	Crack Multiple	983	S 3
	72.3	CM	Crack Multiple	1049	S 3
	73.3	SSS	Surface Damage Surface Spalling	1096	S 2
	73.6	TB	Tap Break-in/Hammer	1115	NA
	76.4	CM	Crack Multiple	1163	S 3
	80.2	RMJ	Roots Medium Joint	1206	M 3
	86.5	CS	Crack Spiral	1289	S 2
	92.7	FM	Fracture Multiple	1387	S 4
	104.7	OBN	Obstruction Construction Debris	1514	M 2
	105.2	RFJ(F01)	Roots Fine Joint	1548	M 1
	105.5	MSA	Miscellaneous Survey Abandoned	1559	NA
	M-605-073				





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-605-074**



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

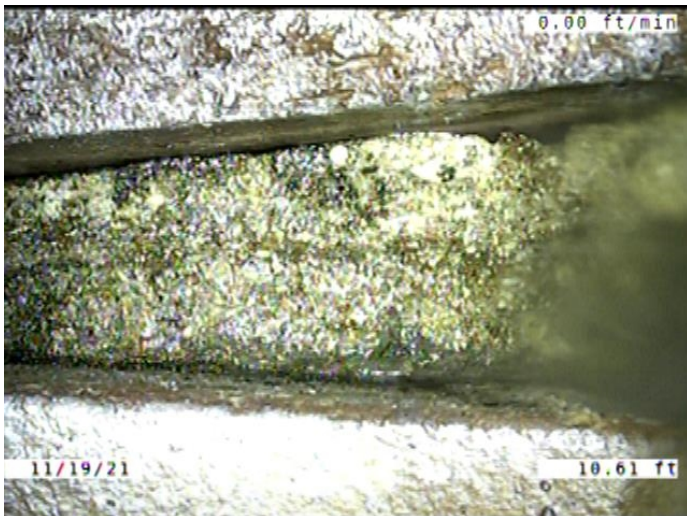
Distance (ft): **.0**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:





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

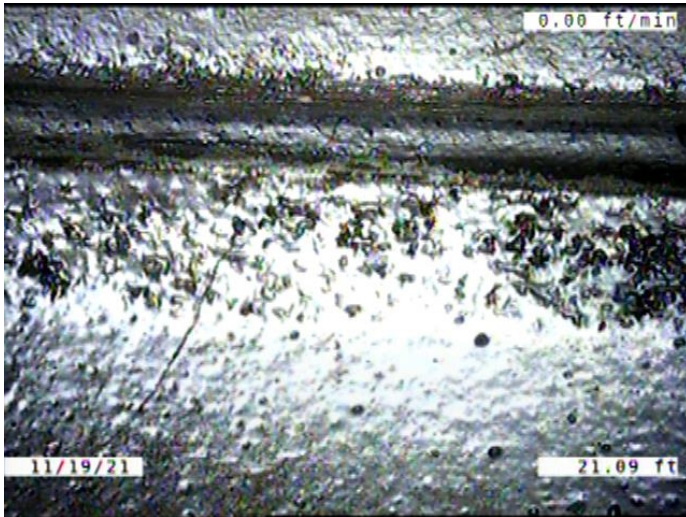
Distance (ft): **9.5**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **10.6**  
 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:

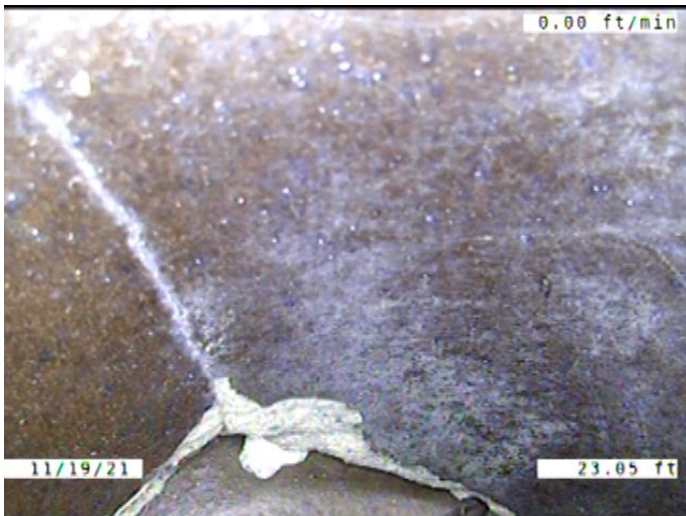




Code: **CS**  
Description: **Crack Spiral**

Distance (ft): **21.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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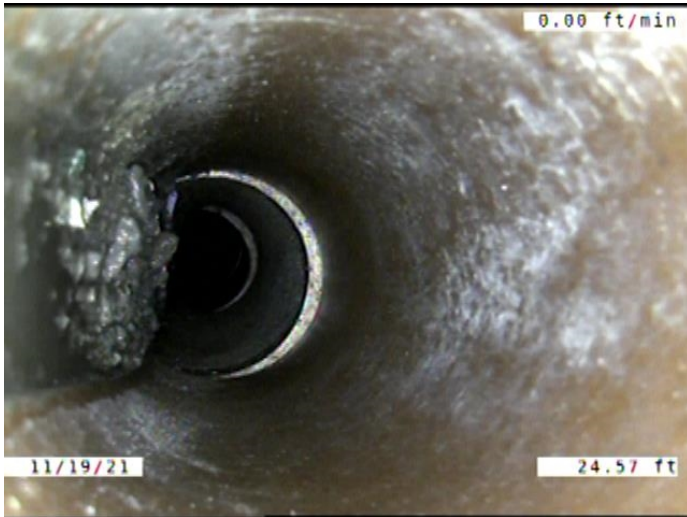


Code: **SSS**  
Description: **Surface Damage Surface Spalling**

Distance (ft): **23.0**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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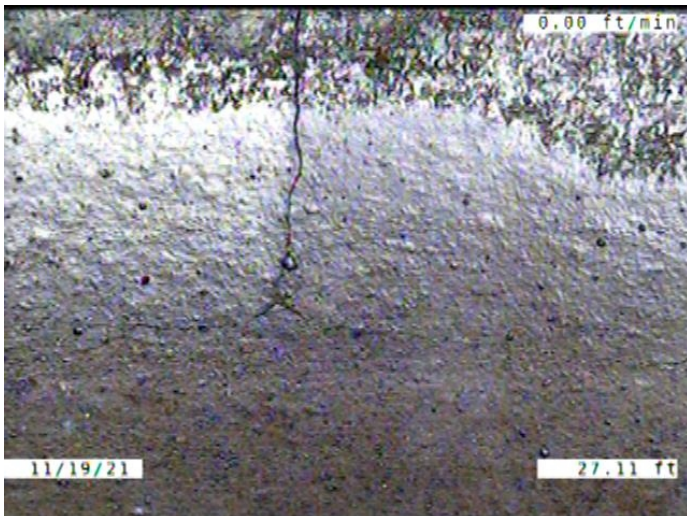




Code: **TBI**  
Description: **Tap Break-in Intruding**

Distance (ft): **24.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **9**  
Clock To:  
1st Value: **6.000**  
2nd Value: **2.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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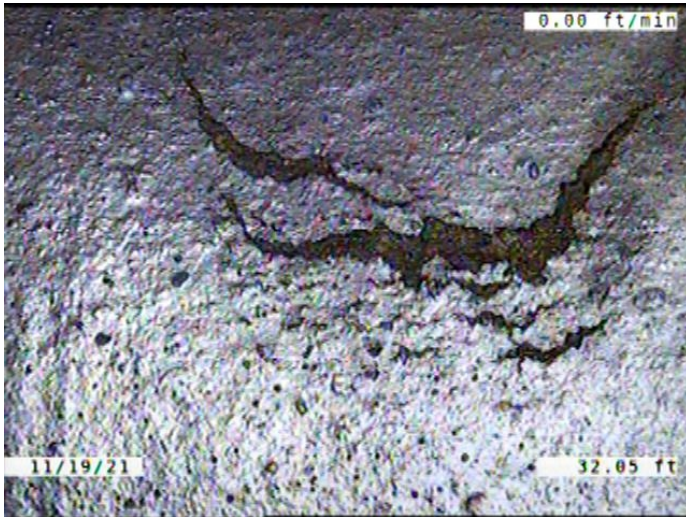


Code: **CM**  
Description: **Crack Multiple**

Distance (ft): **27.1**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

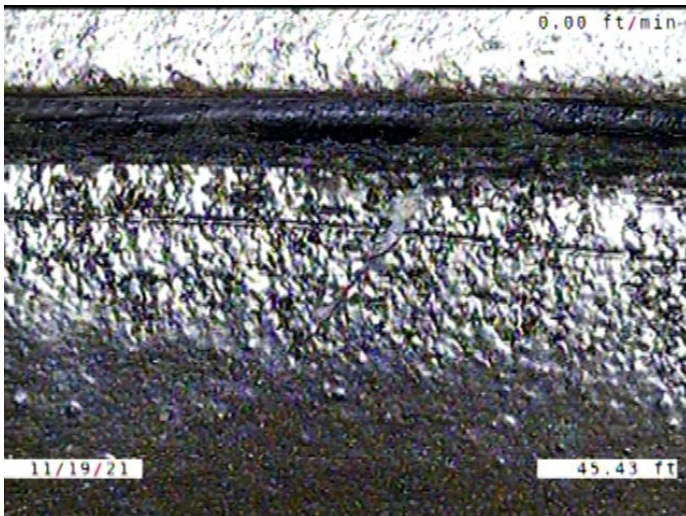
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Code: **SSS**  
 Description: **Surface Damage Surface Spalling**

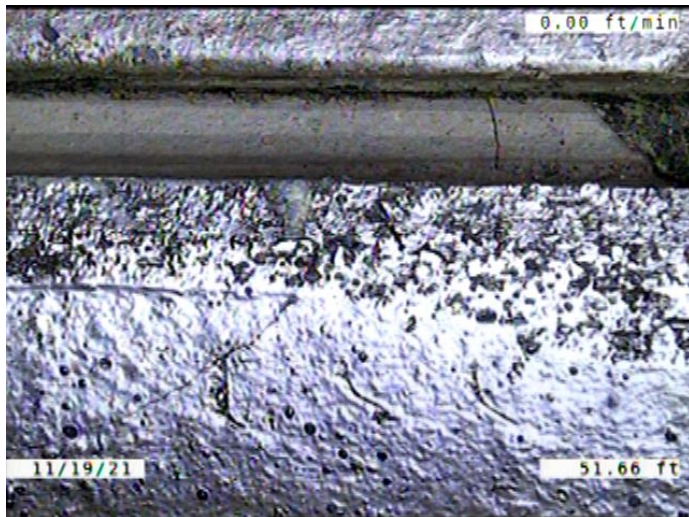
Distance (ft): **32.0**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **7**  
 Clock To: **9**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **CS**  
 Description: **Crack Spiral**

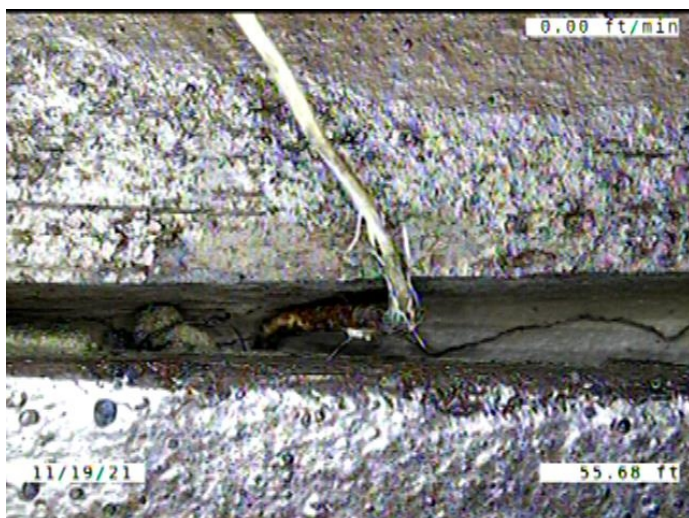
Distance (ft): **45.4**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





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

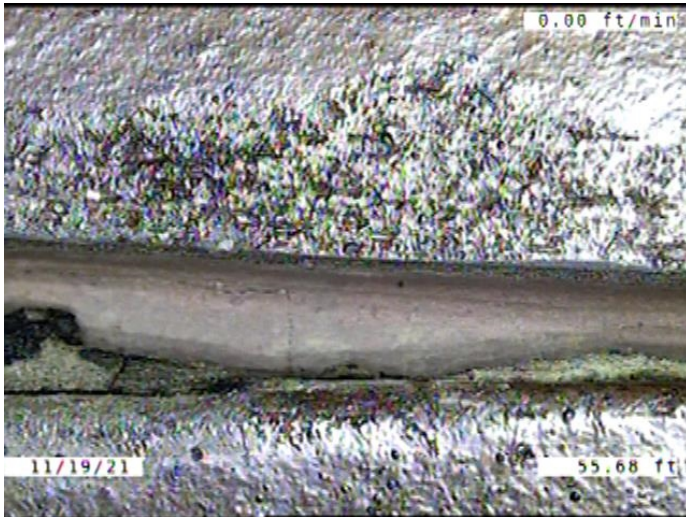
Distance (ft): **51.7**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

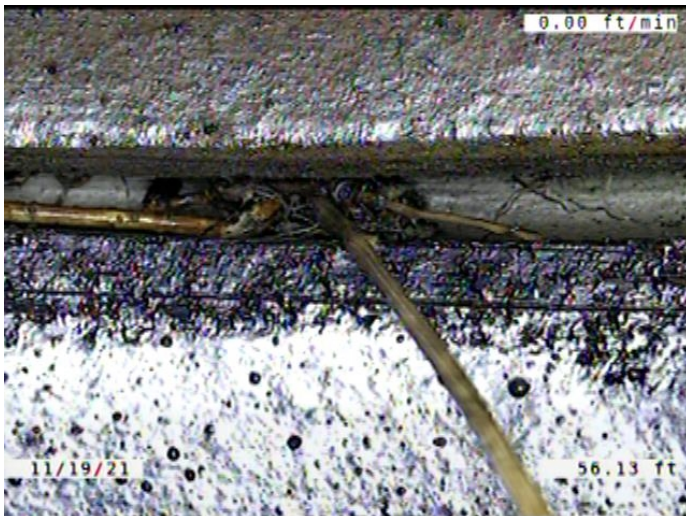
Distance (ft): **55.7**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **3**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





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

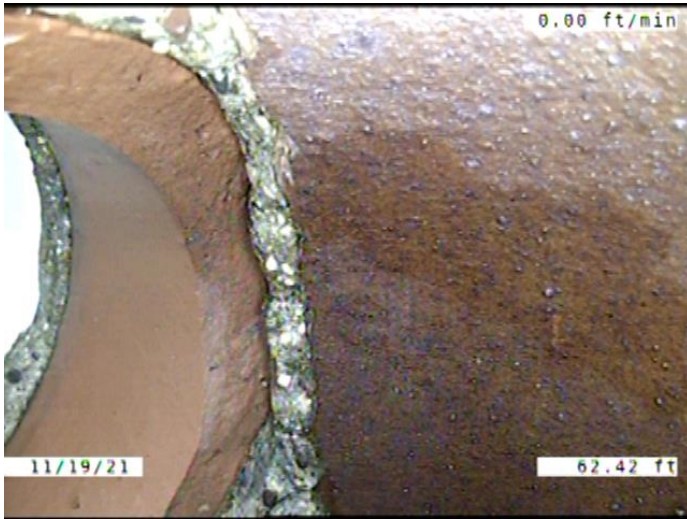
Distance (ft): **55.7**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **56.1**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S01**  
 Within 8" of Joint: **YES**  
 Remarks:

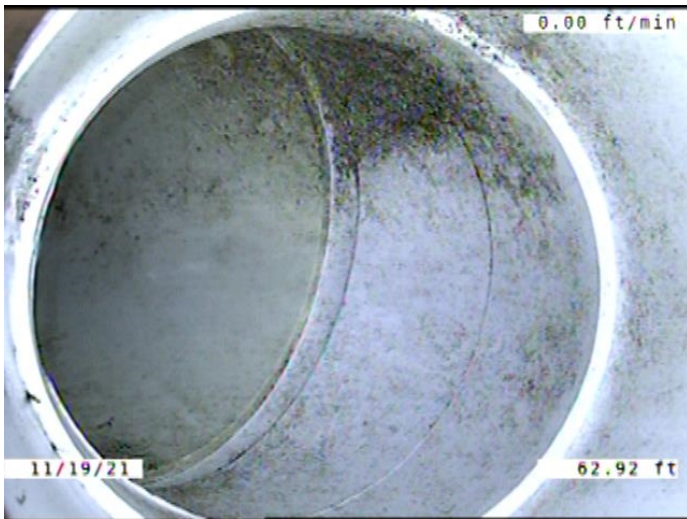




Code: **SSS**  
Description: **Surface Damage Surface Spalling**

Distance (ft): **62.4**  
Structural Grade: **2**  
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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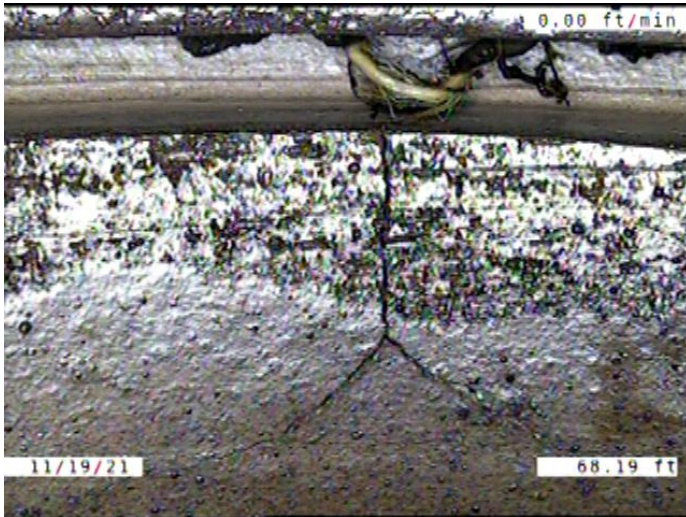


Code: **TBI**  
Description: **Tap Break-in Intruding**

Distance (ft): **62.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **11**  
Clock To:  
1st Value: **6.000**  
2nd Value: **1.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CONSTANTLY RUNNING WATER**

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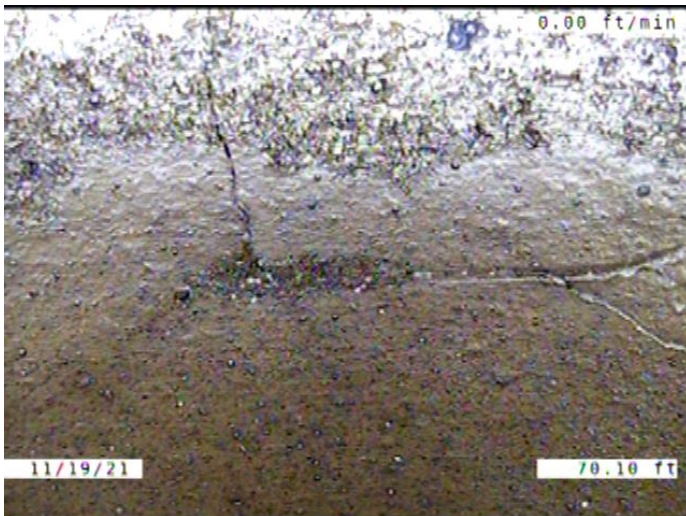




Code: **CM**  
Description: **Crack Multiple**

Distance (ft): **68.2**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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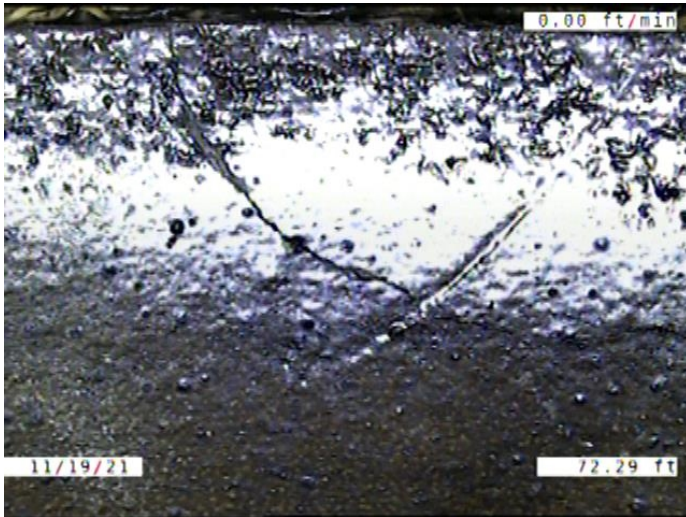


Code: **CM**  
Description: **Crack Multiple**

Distance (ft): **70.1**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

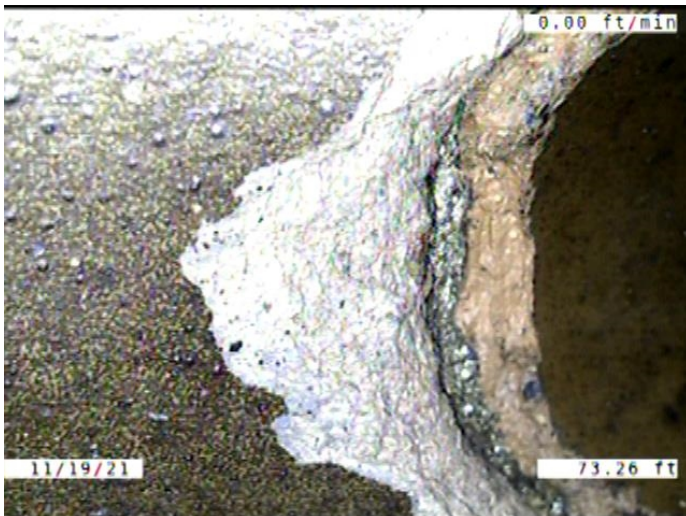
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Code: **CM**  
 Description: **Crack Multiple**

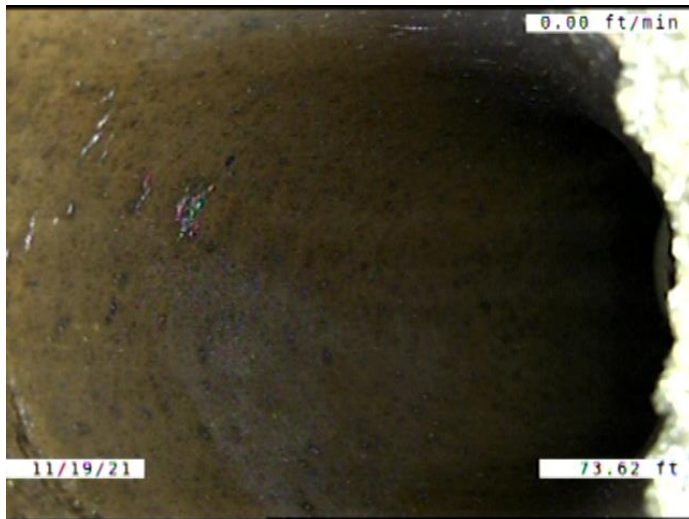
Distance (ft): **72.3**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

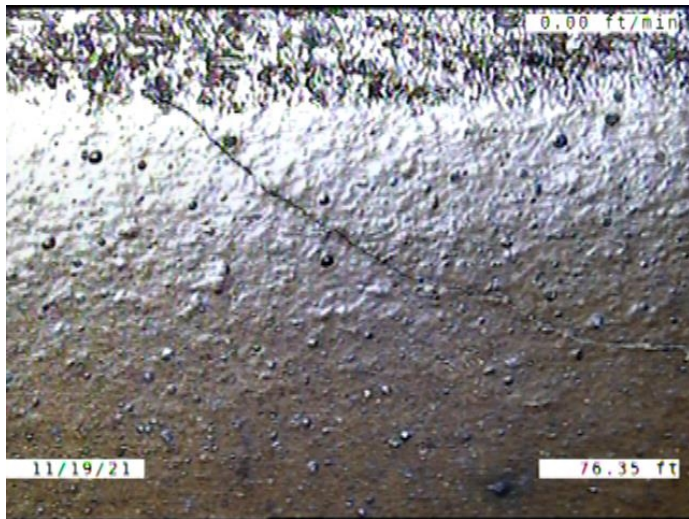
Distance (ft): **73.3**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





Code: **TB**  
 Description: **Tap Break-in/Hammer**

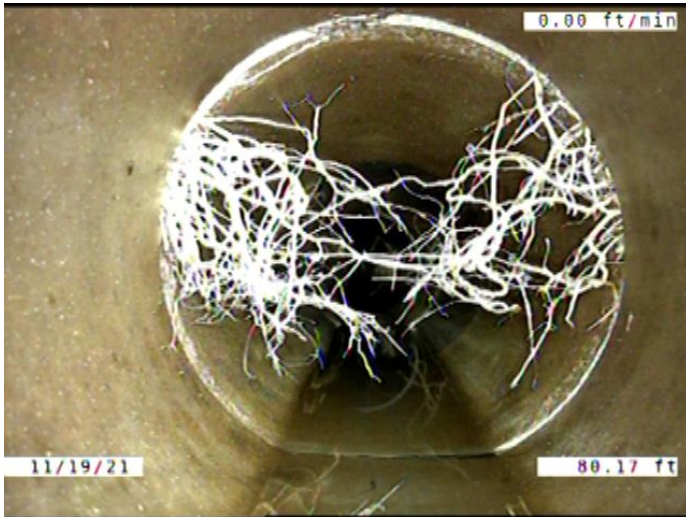
Distance (ft): **73.6**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **76.4**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

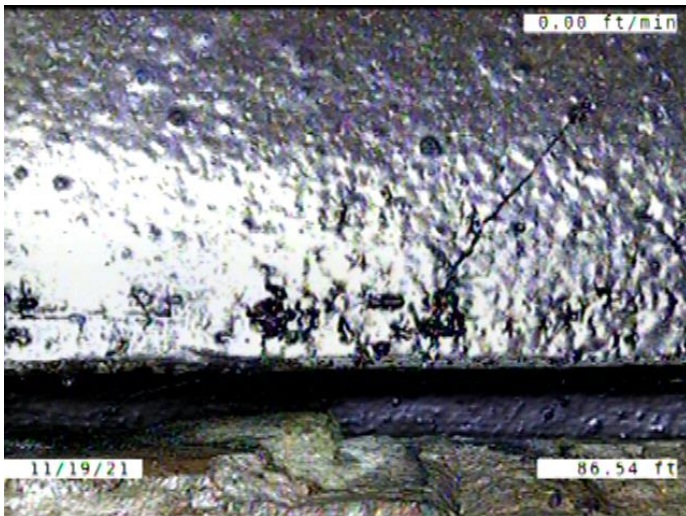




Code: **RMJ**  
 Description: **Roots Medium Joint**

Distance (ft): **80.2**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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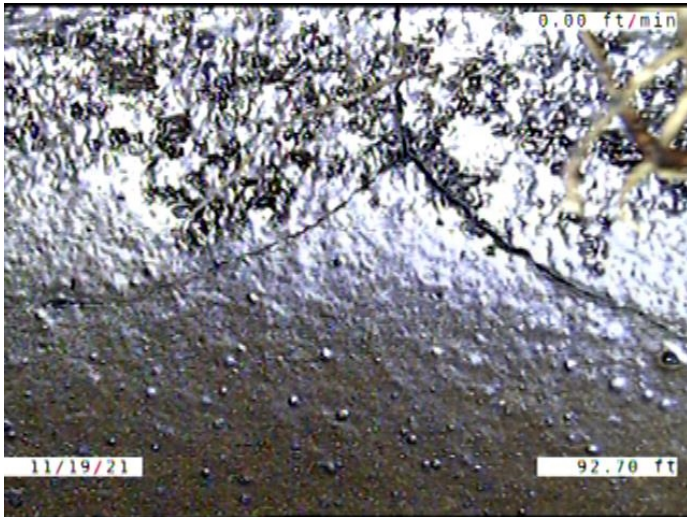


Code: **CS**  
 Description: **Crack Spiral**

Distance (ft): **86.5**  
 Structural Grade: **2**  
 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: **FM**  
 Description: **Fracture Multiple**

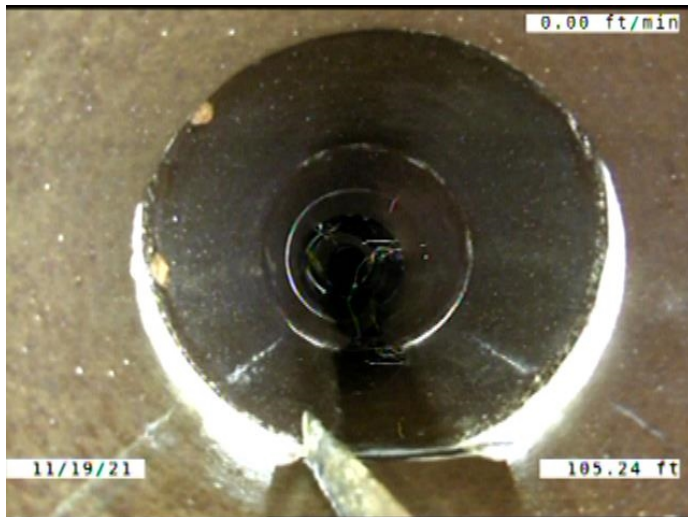
Distance (ft): **92.7**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **OBN**  
 Description: **Obstruction Construction Debris**

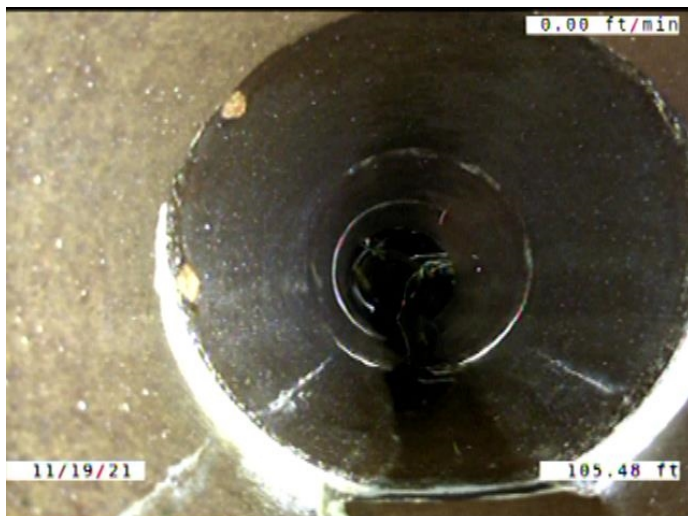
Distance (ft): **104.7**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





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

Distance (ft): **105.2**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F01**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **105.5**  
 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: **MADE IT TO THE POINT OF OVERLAP.  
 REVERSAL COMPLETE.**