

## Profile/Photo Observation Report

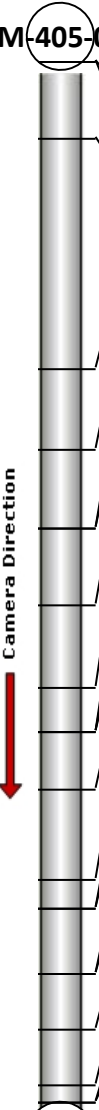


Date:	<b>11/03/2021</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>330.0</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-405-066-068</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>10/29/2021</b>	Shape:	<b>C</b>

Street:	<b>South Wabash 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>10"</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-405-068</b>	DS MH:	<b>M-405-066</b>
		Total Length Surveyed (ft):	<b>52.4</b>

O&M Index:	<b>1.81</b>	O&M Quick:	<b>4132</b>	O&M Rating:	<b>38.00</b>
Structural Index:	<b>2.50</b>	Structural Quick:	<b>4123</b>	Structural Rating:	<b>10.00</b>
Overall Index:	<b>1.92</b>	Overall Quick:	<b>4232</b>	Overall Rating:	<b>48.00</b>

	Position	Code	Observation	Video (sec)	Grade
<b>M-405-068</b>					
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	88	NA
	3.9	DSF(S01)	Deposits Settled Fine	131	M 2
	15.5	RFJ	Roots Fine Joint	225	M 1
	19.5	RFJ	Roots Fine Joint	351	M 1
	23.5	CL	Crack Longitudinal	398	S 2
	23.5	ISB	Infiltration Stain Barrel	410	M 1
	27.4	RFJ	Roots Fine Joint	461	M 1
	31.5	RFJ	Roots Fine Joint	512	M 1
	33.7	RFJ	Roots Fine Joint	576	M 1
	33.7	SZ	Surface Damage Other	606	NA
	33.7	FM	Fracture Multiple	652	S 4
	36.6	RFJ	Roots Fine Joint	706	M 1
	41.2	SSS	Surface Damage Surface Spalling	747	S 2
	42.6	RMJ	Roots Medium Joint	798	M 3
	42.6	ISJ	Infiltration Stain Joint	831	M 1
	45.9	CL	Crack Longitudinal	883	S 2
	45.9	SZ	Surface Damage Other	897	NA
	48.7	RMJ	Roots Medium Joint	955	M 3
	51.5	RBJ	Roots Ball Joint	1018	M 4
	52.4	DSF(F01)	Deposits Settled Fine	1060	M 2
	52.4	MSA	Miscellaneous Survey Abandoned	1069	NA
<b>M-405-066</b>					



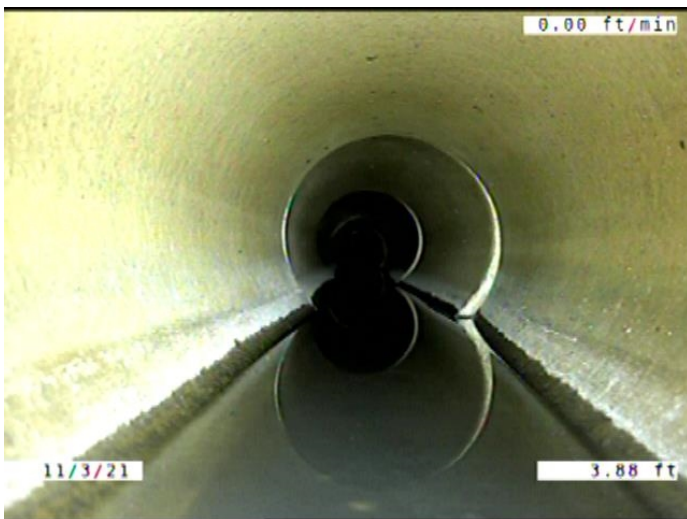
Code: **AMH**  
Description: **Manhole**

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-405-068**



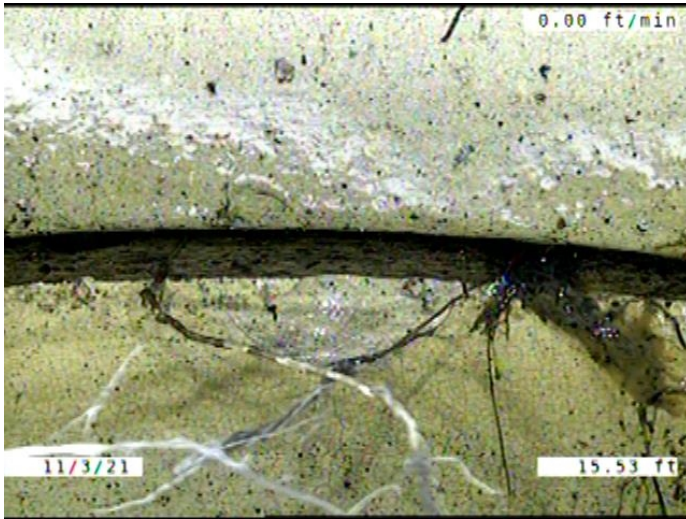
Code: **MWL**  
Description: **Miscellaneous Water Level**

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

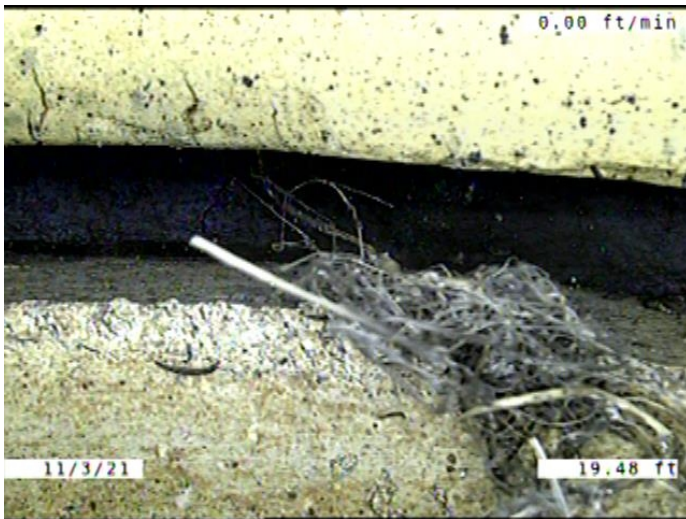
Distance (ft): **3.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:



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

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

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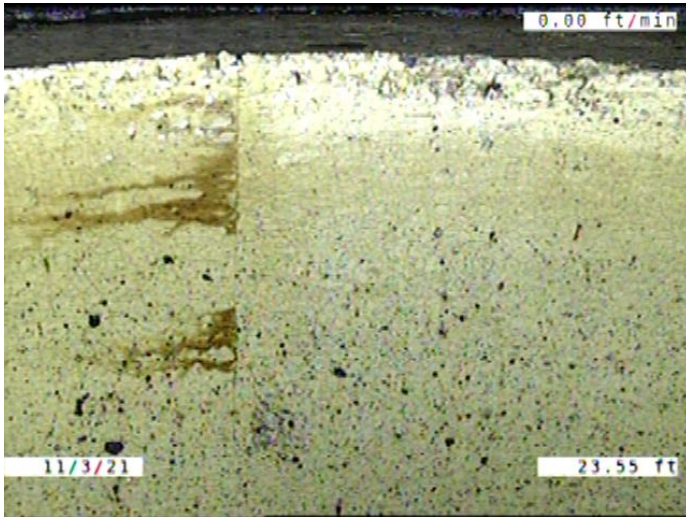


Code: **RFJ**  
Description: **Roots Fine Joint**

Distance (ft): **19.5**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **11**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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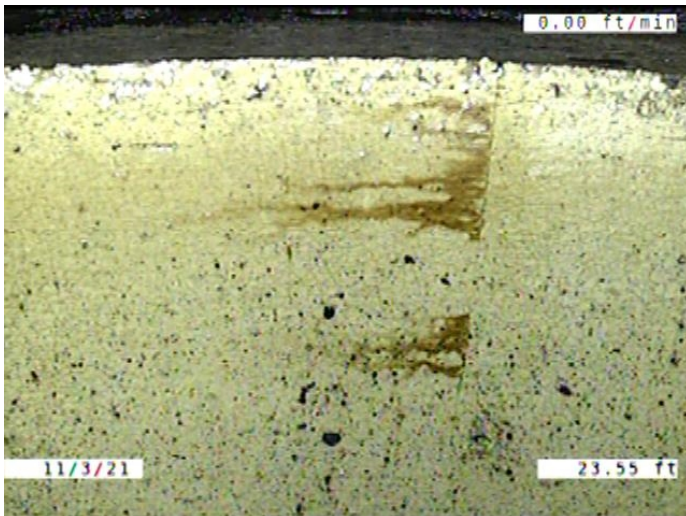




Code: **CL**  
Description: **Crack Longitudinal**

Distance (ft): **23.5**  
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:

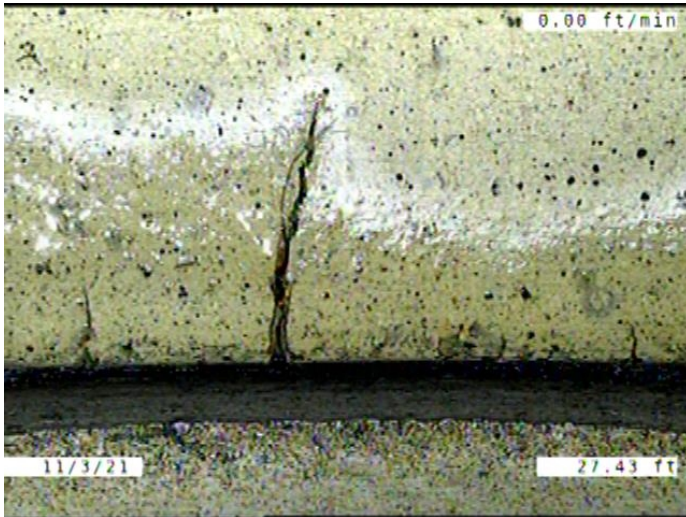
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Code: **ISB**  
Description: **Infiltration Stain Barrel**

Distance (ft): **23.5**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

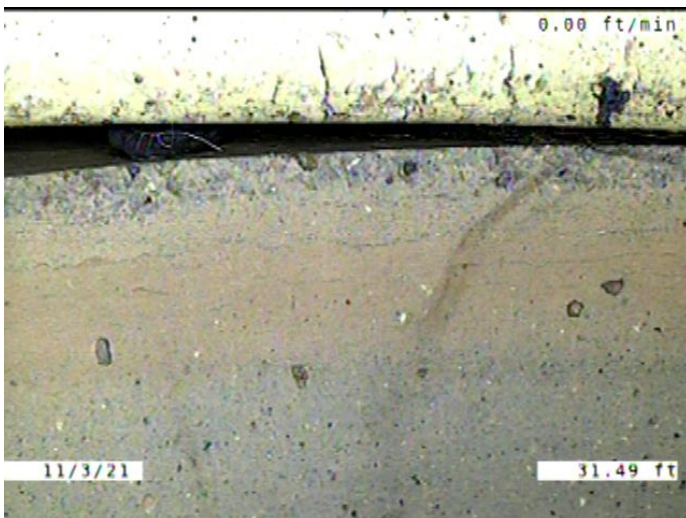
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Code: **RFJ**  
Description: **Roots Fine Joint**

Distance (ft): **27.4**  
Structural Grade: **0**  
O&M Grade: **1**  
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: **RFJ**  
Description: **Roots Fine Joint**

Distance (ft): **31.5**  
Structural Grade: **0**  
O&M Grade: **1**  
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**

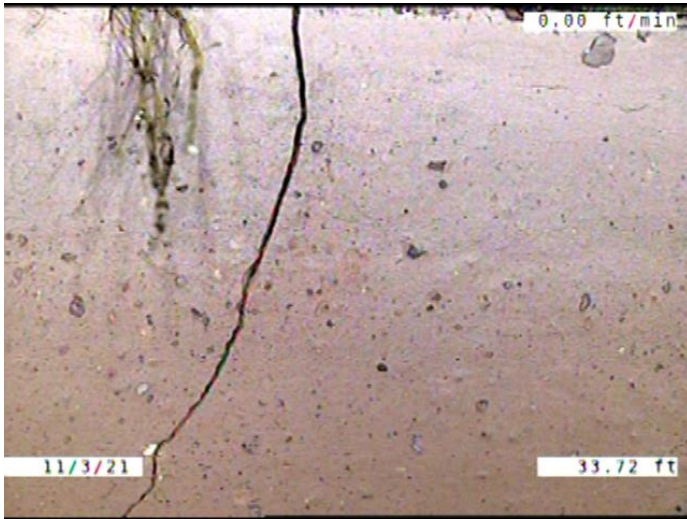
Distance (ft): **33.7**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **33.7**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **PIPE WORN AWAY ALL THE WAY AROUND THE JOINT**

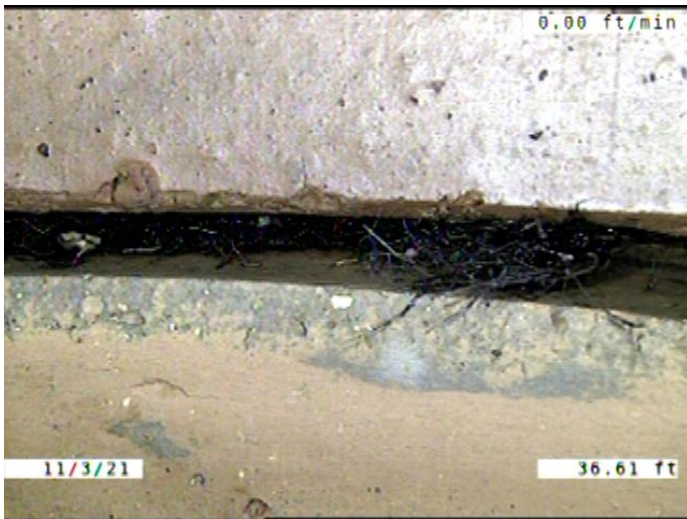




Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **33.7**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **9**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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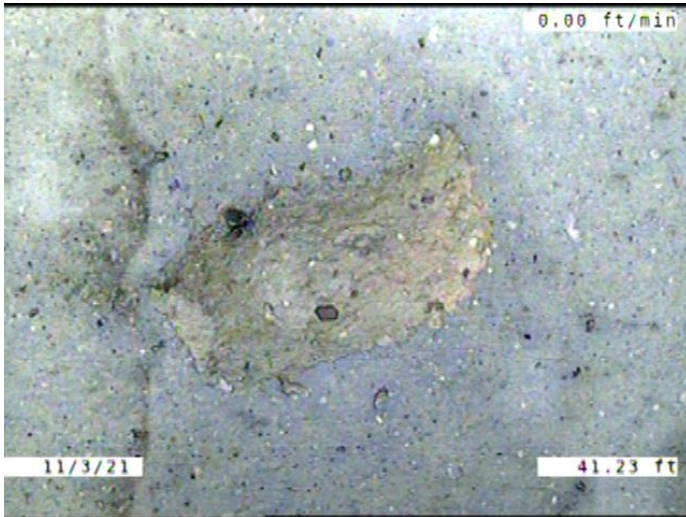


Code: **RFJ**  
 Description: **Roots Fine Joint**

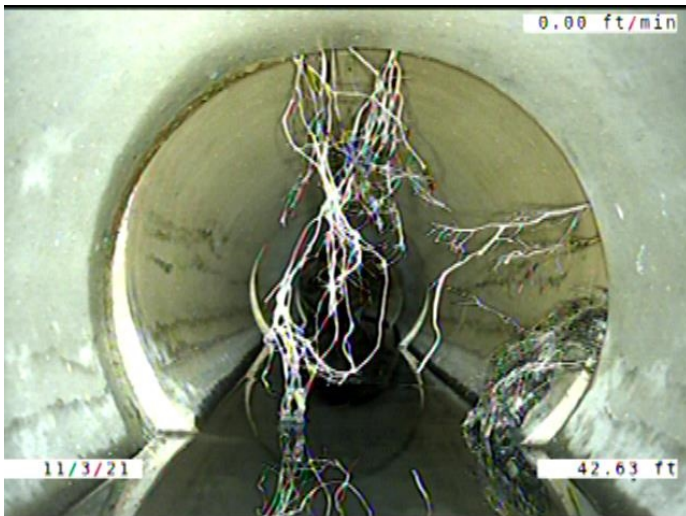
Distance (ft): **36.6**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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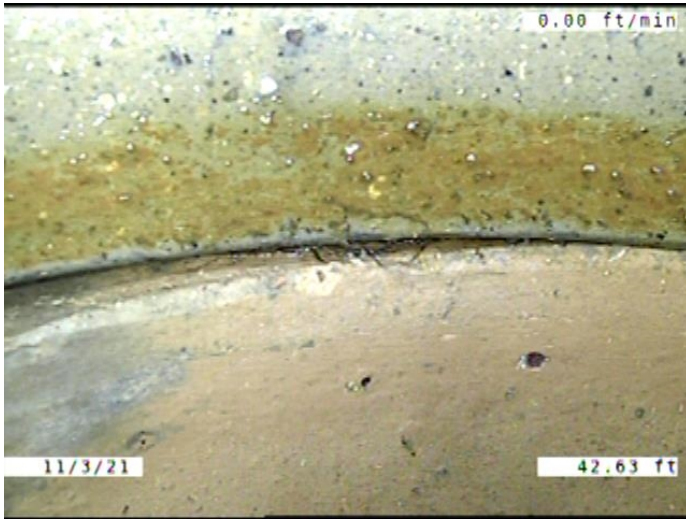




Code:	<b>SSS</b>
Description:	<b>Surface Damage Surface Spalling</b>
Distance (ft):	<b>41.2</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>9</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	



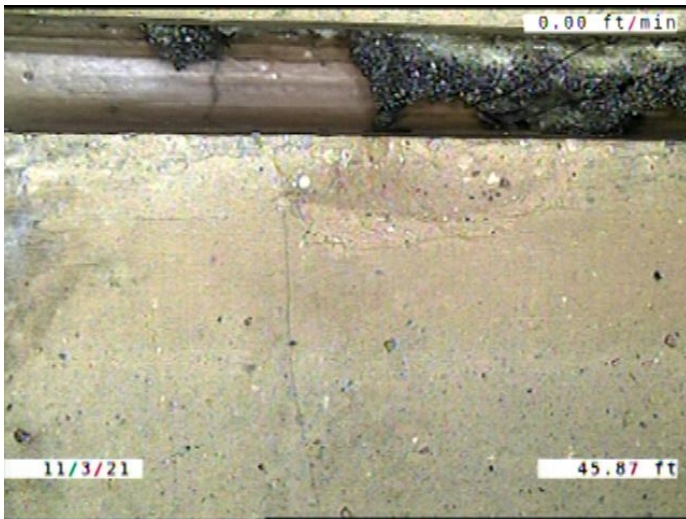
Code:	<b>RMJ</b>
Description:	<b>Roots Medium Joint</b>
Distance (ft):	<b>42.6</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</b>
Clock Start/From:	<b>11</b>
Clock To:	<b>4</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	



Code: **ISJ**  
Description: **Infiltration Stain Joint**

Distance (ft): **42.6**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

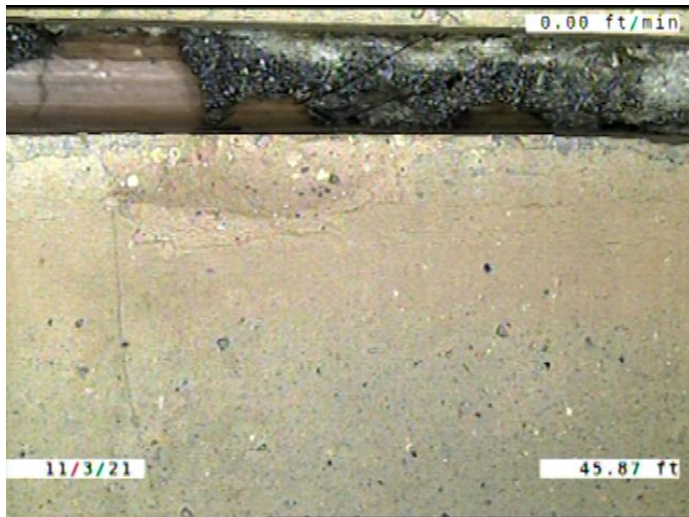
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Code: **CL**  
Description: **Crack Longitudinal**

Distance (ft): **45.9**  
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: **SZ**  
 Description: **Surface Damage Other**

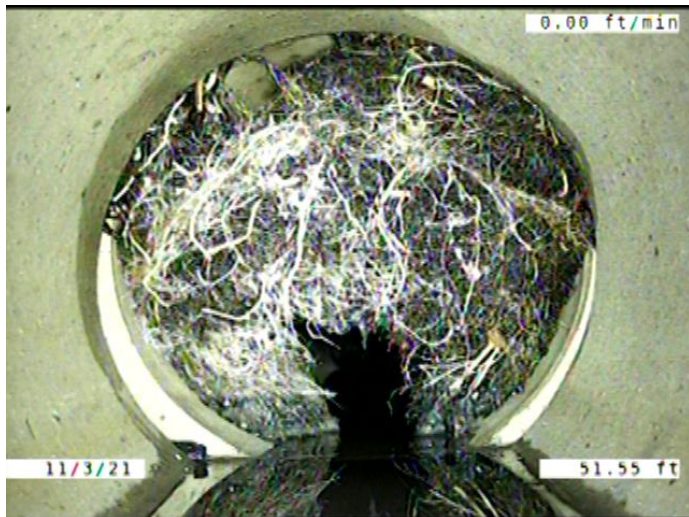
Distance (ft): **45.9**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **A PIECE CHIPPED OFF THE JOINT**



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

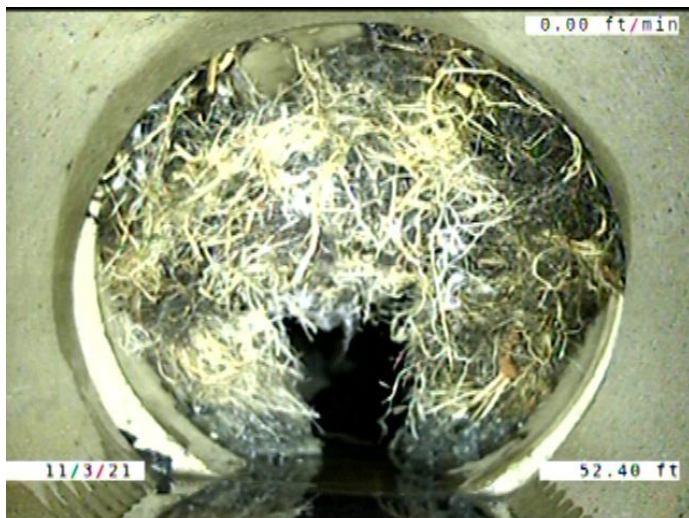
Distance (ft): **48.7**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





Code: **RBJ**  
 Description: **Roots Ball Joint**

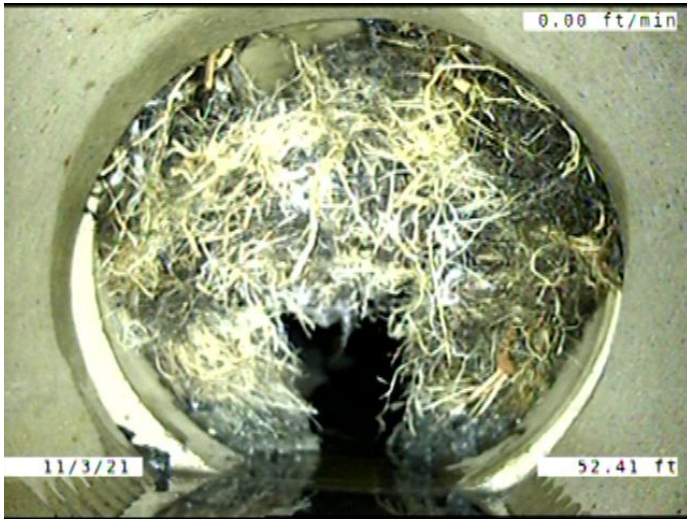
Distance (ft): **51.5**  
 Structural Grade: **0**  
 O&M Grade: **4**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **95.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **52.4**  
 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:





Code:	<b>MSA</b>
Description:	<b>Miscellaneous Survey Abandoned</b>
Distance (ft):	<b>52.4</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>CAMERA CANT MAKE IT PAST ROOTS</b>