

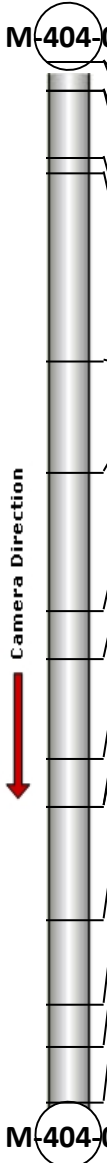
## Profile/Photo Observation Report

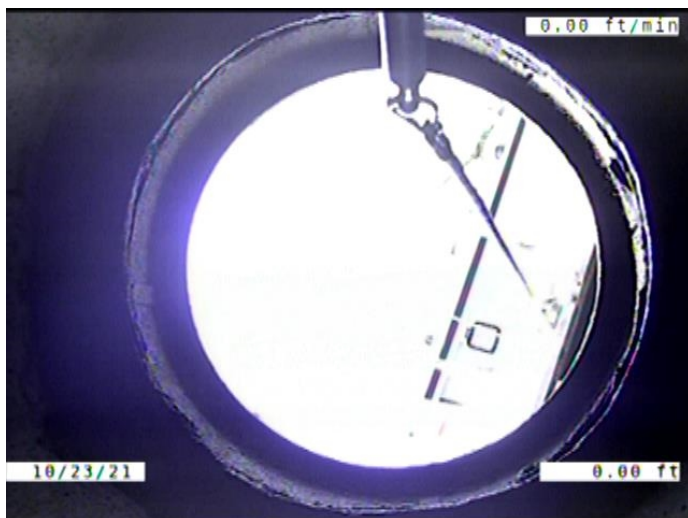


Date:	<b>10/23/2021</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>88.8</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-404-011-010</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>10/22/2021</b>	Shape:	<b>C</b>

Street:	<b>North Wabash 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>8"</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-404-011</b>	DS MH:	<b>M-404-010</b>
		Total Length Surveyed (ft):	<b>88.8</b>

O&M Index:	<b>1.88</b>	O&M Quick:	<b>3223</b>	O&M Rating:	<b>15.00</b>
Structural Index:	<b>2.20</b>	Structural Quick:	<b>4129</b>	Structural Rating:	<b>22.00</b>
Overall Index:	<b>2.06</b>	Overall Quick:	<b>4132</b>	Overall Rating:	<b>37.00</b>

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	45	NA
	3.4	MMC	Miscellaneous Material Change	98	NA
	3.4	JOL	Joint Offset Large	117	S 4
	8.2	OBZ	Obstruction Other	157	M 2
	9.5	MMC	Miscellaneous Material Change	198	NA
	25.6	RMJ	Roots Medium Joint	290	M 3
	35.0	MWLS(S01)	Miscellaneous Water Level Sag	349	S 2
	46.9	RFJ	Roots Fine Joint	431	M 1
	51.0	RMJ	Roots Medium Joint	488	M 3
	59.4	RFJ	Roots Fine Joint	572	M 1
	63.5	OBZ	Obstruction Other	624	M 2
	63.6	IWJ	Infiltration Weeper Joint	636	M 2
	73.2	MWLS(F01)	Miscellaneous Water Level Sag	699	S 2
	80.4	MWLS	Miscellaneous Water Level Sag	732	S 2
	84.1	RFJ	Roots Fine Joint	755	M 1
	88.8	AMH	Manhole	850	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-404-010**



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

Distance (ft): **3.4**  
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: **VCP TO PVC**



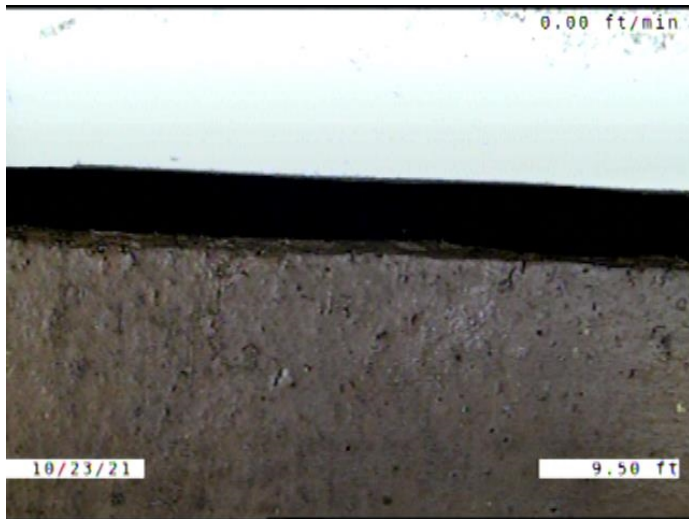
Code: **JOL**  
Description: **Joint Offset Large**

Distance (ft): **3.4**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value: **1.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



Code: **OBZ**  
Description: **Obstruction Other**

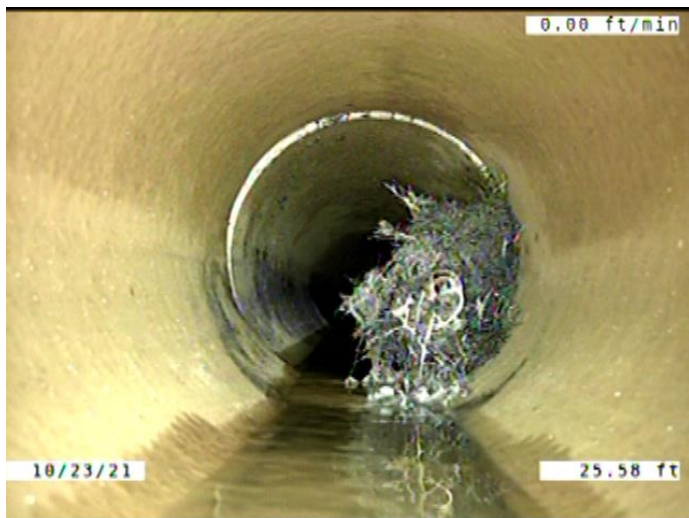
Distance (ft): **8.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **LOOKS TO BE A SEWER RODDER.**



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

Distance (ft): **9.5**  
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: **PVC TO VCP**

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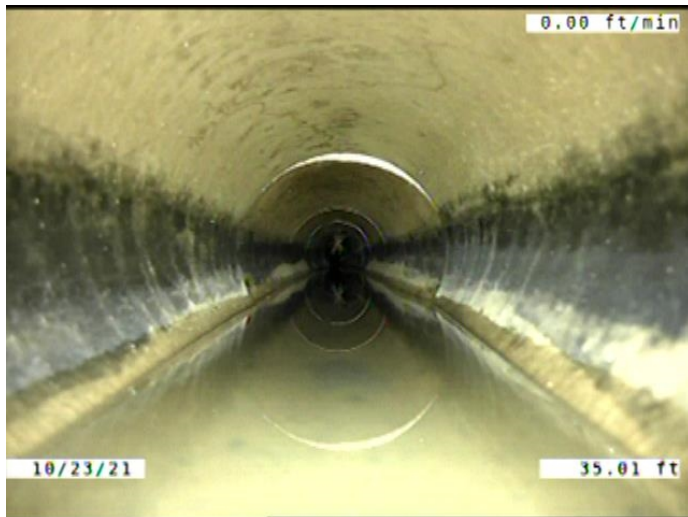


Code: **RMJ**  
Description: **Roots Medium Joint**

Distance (ft): **25.6**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **2**  
Clock To: **6**  
1st Value:  
2nd Value:  
Value Percent: **35.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

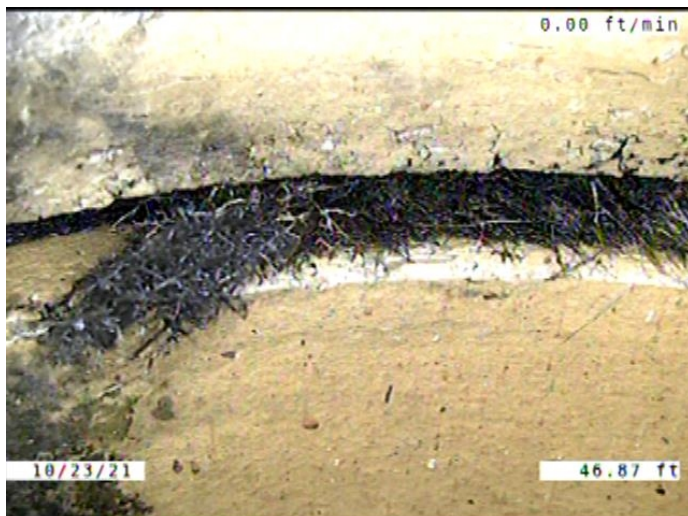
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Code:	<b>MWLS</b>
Description:	<b>Miscellaneous Water Level Sag</b>
Distance (ft):	<b>35.0</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>10.000</b>
Continuous Index:	<b>S01</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

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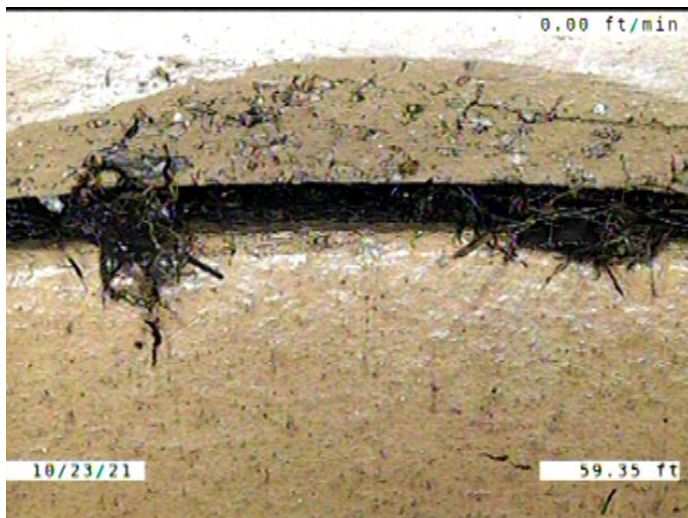
Code:	<b>RFJ</b>
Description:	<b>Roots Fine Joint</b>
Distance (ft):	<b>46.9</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>1</b>
Clock Start/From:	<b>8</b>
Clock To:	<b>4</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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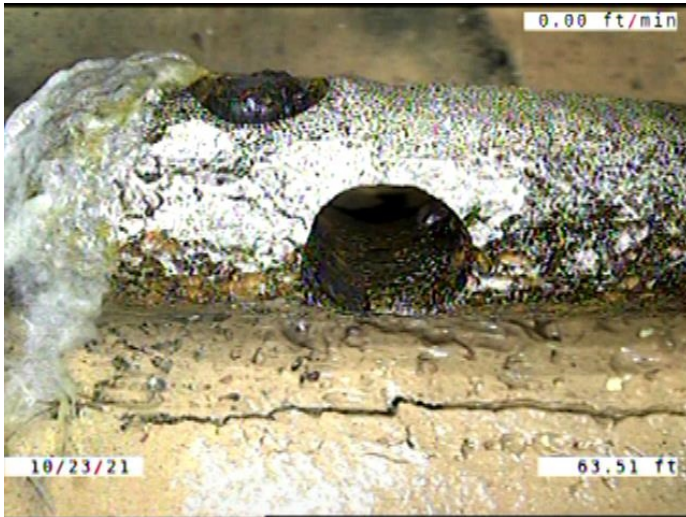
Code: **RMJ**  
 Description: **Roots Medium Joint**

Distance (ft): **51.0**  
 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:



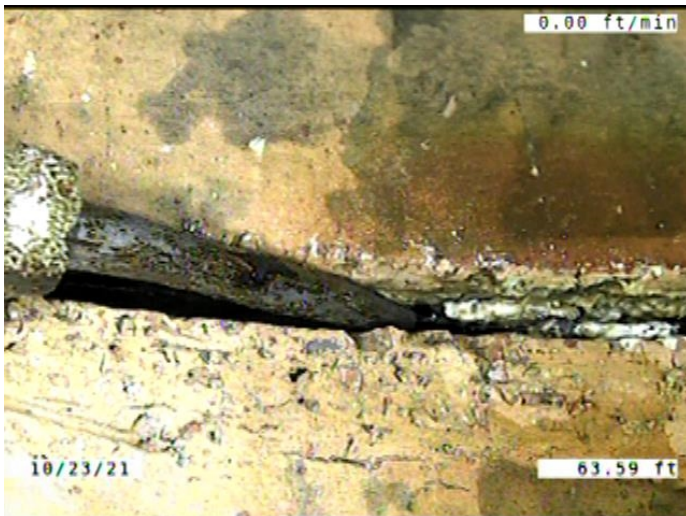
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **59.4**  
 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:



Code:	<b>OBZ</b>
Description:	<b>Obstruction Other</b>
Distance (ft):	<b>63.5</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>4</b>
Clock To:	<b>6</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>LOOKS TO BE PART OF A SEWER RODDER</b>

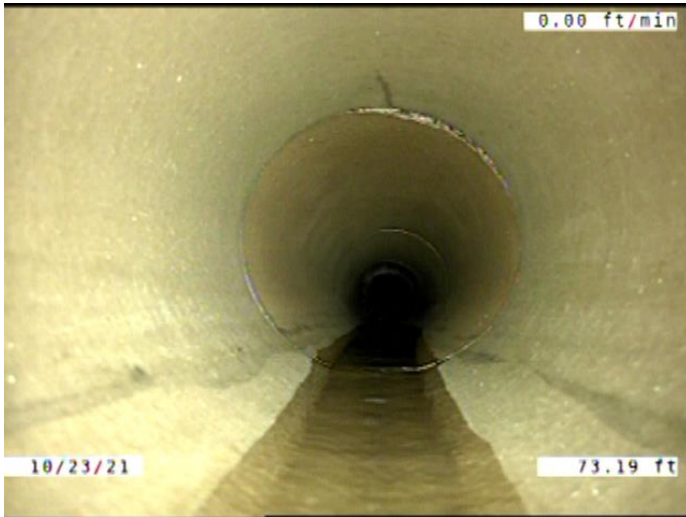
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Code:	<b>IWJ</b>
Description:	<b>Infiltration Weeper Joint</b>
Distance (ft):	<b>63.6</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>3</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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

Distance (ft): **73.2**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F01**  
Within 8" of Joint: **NO**  
Remarks:

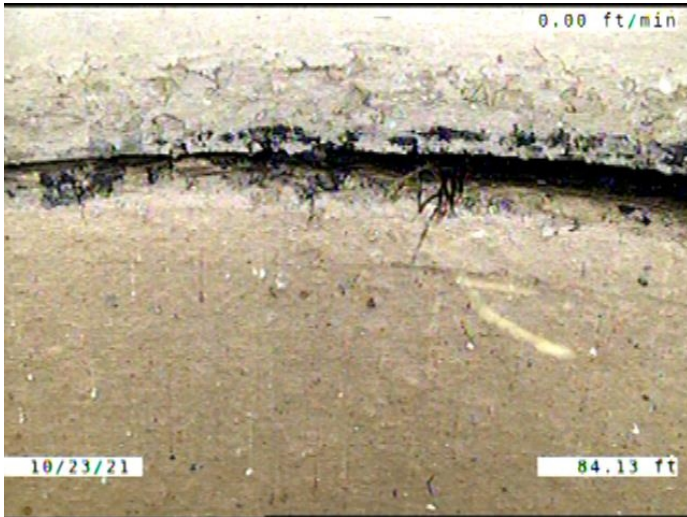
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

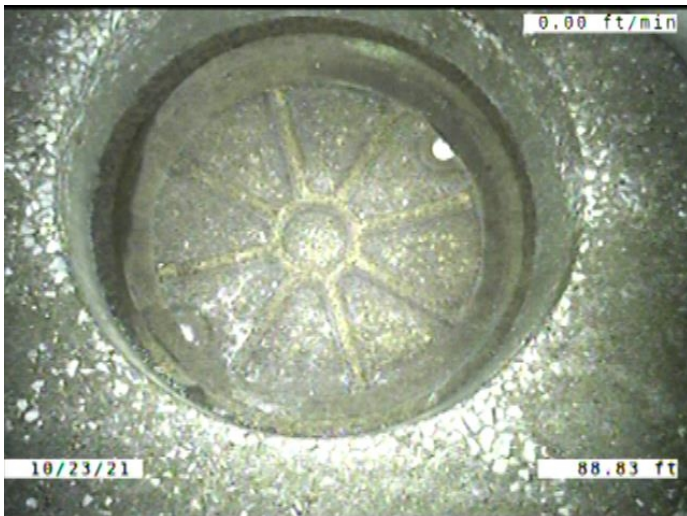
Distance (ft): **80.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **84.1**  
 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:



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

Distance (ft): **88.8**  
 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-404-011**