

## Profile/Photo Observation Report

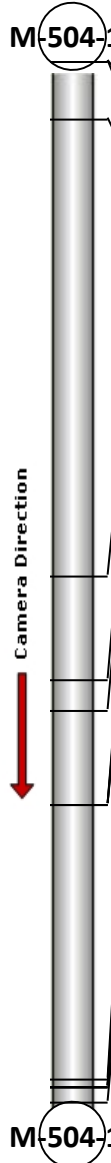


Date:	<b>09/11/2021</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>231.0</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Light Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-504-102-101</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>08/27/2021</b>	Shape:	<b>C</b>

Street:	<b>North Delaware 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>CP</b>
Drain Area:		Lining:	<b>None</b>
Category:	<b>NA</b>		
Comment:			

Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-504-101</b>	DS MH:	<b>M-504-102</b>
		Total Length Surveyed (ft):	<b>26.9</b>

O&M Index:	<b>2.00</b>	O&M Quick:	<b>3125</b>	O&M Rating:	<b>14.00</b>
Structural Index:	<b>4.00</b>	Structural Quick:	<b>4200</b>	Structural Rating:	<b>8.00</b>
Overall Index:	<b>2.44</b>	Overall Quick:	<b>4231</b>	Overall Rating:	<b>22.00</b>

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	2	NA
	.0	MWL	Miscellaneous Water Level	12	NA
	1.5	MGO	Miscellaneous General Observation	21	NA
	13.3	DSF(S01)	Deposits Settled Fine	86	M 2
	16.0	MMC	Miscellaneous Material Change	160	NA
	16.8	TFI	Tap Factory Intruding	208	M 2
	19.2	MMC	Miscellaneous Material Change	259	NA
	19.2	RFJ	Roots Fine Joint	282	M 1
	19.2	FM(S02)	Fracture Multiple	308	S 4
	26.3	B	Broken	373	S 4
	26.5	RML	Roots Medium Lateral	393	M 3
	26.5	TBI	Tap Break-in Intruding	422	M 2
	26.5	DSF(F01)	Deposits Settled Fine	432	M 2
	26.5	FM(F02)	Fracture Multiple	444	S 4
	26.9	MSA	Miscellaneous Survey Abandoned	482	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-504-101**

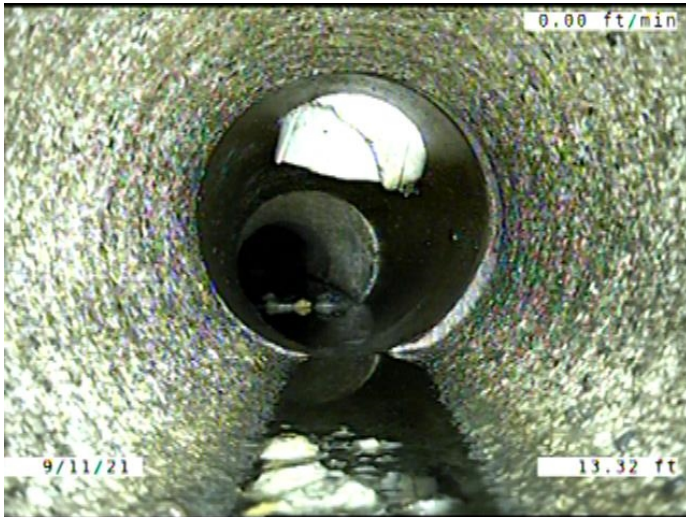


Code:	<b>MWL</b>
Description:	<b>Miscellaneous Water Level</b>
Distance (ft):	<b>.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	



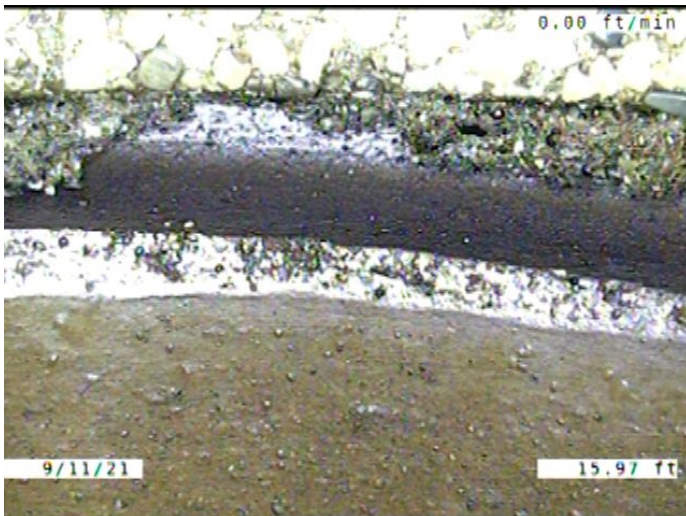
Code:	<b>MGO</b>
Description:	<b>Miscellaneous General Observation</b>
Distance (ft):	<b>1.5</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>DROP INTO THE MANHOLE. HAD TO START IN THE PIPE.</b>

---



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

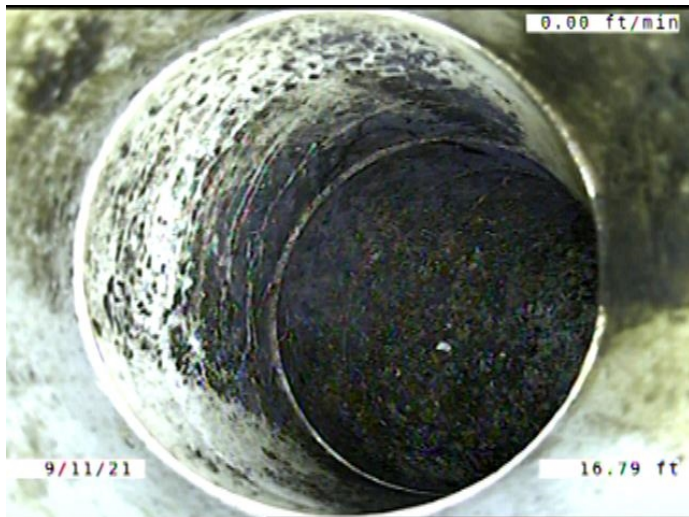
Distance (ft): **13.3**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S01**  
 Within 8" of Joint: **YES**  
 Remarks:



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

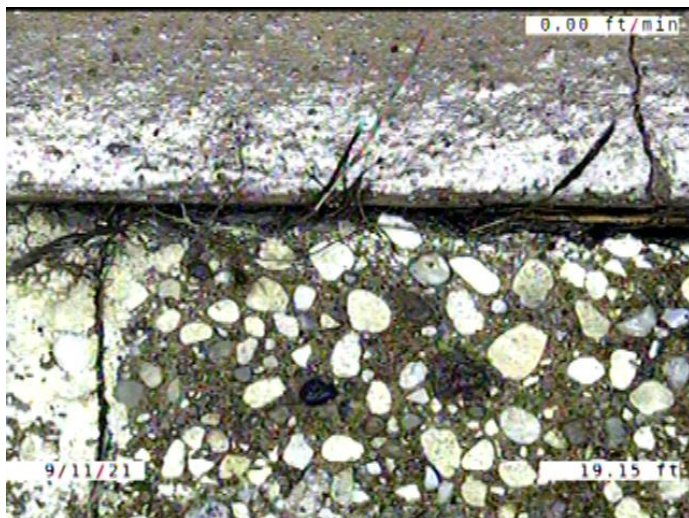
Distance (ft): **16.0**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **CONCRETE TO VCP**





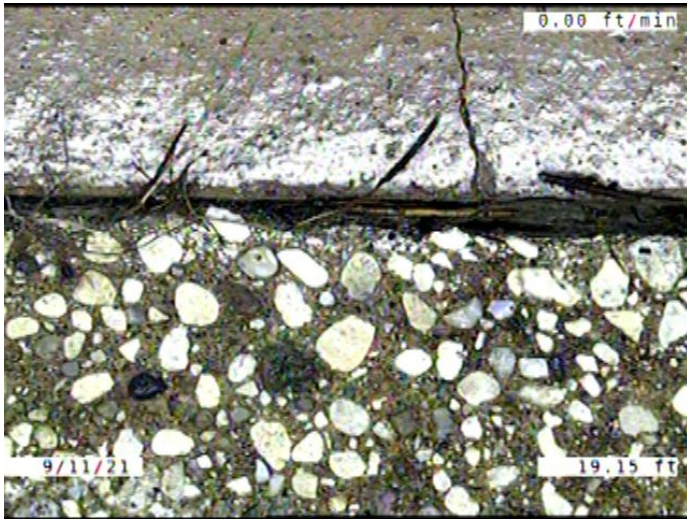
Code: **TFI**  
 Description: **Tap Factory Intruding**

Distance (ft): **16.8**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **3.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



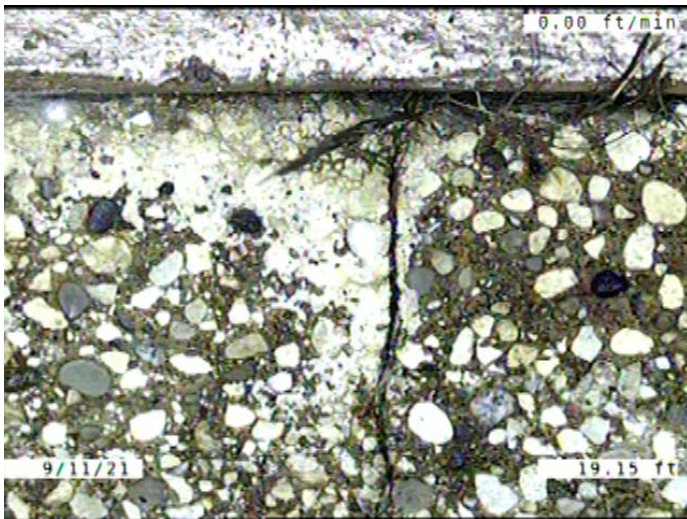
Code: **MMC**  
 Description: **Miscellaneous Material Change**

Distance (ft): **19.2**  
 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: **VCP TO CONCRETE**



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

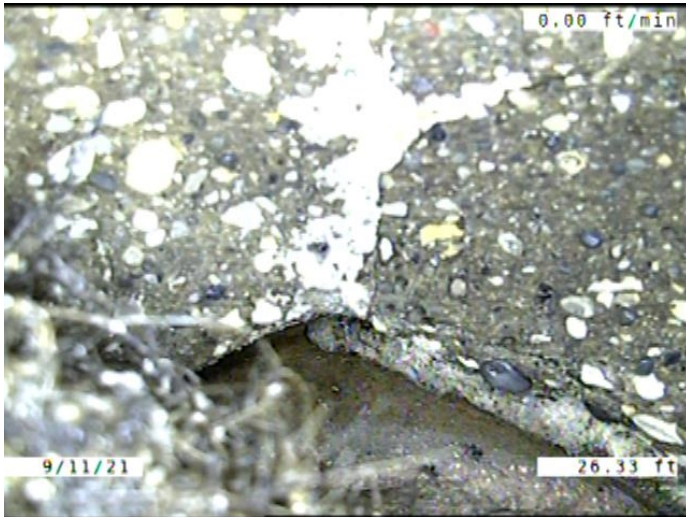
Distance (ft): **19.2**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **11**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

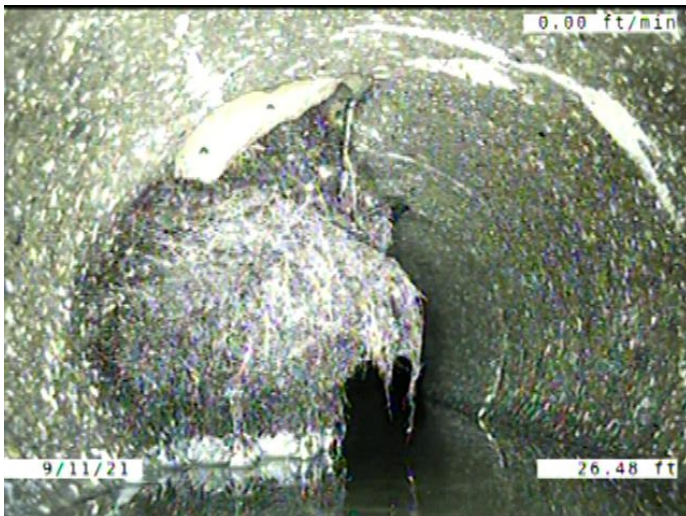
Distance (ft): **19.2**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S02**  
 Within 8" of Joint: **YES**  
 Remarks:





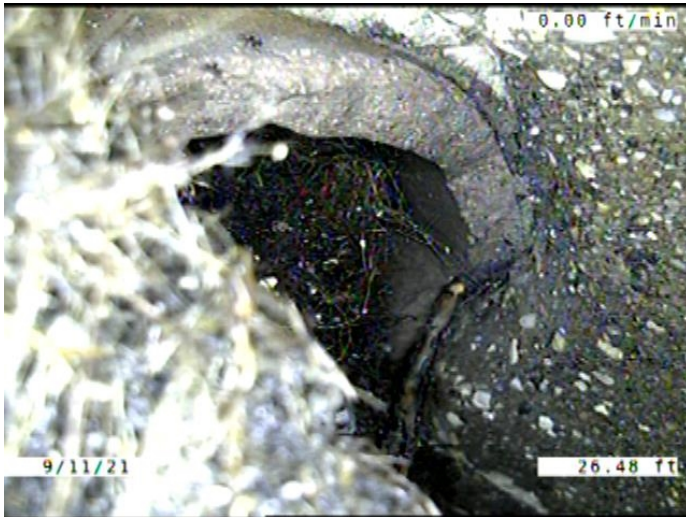
Code: **B**  
 Description: **Broken**

Distance (ft): **26.3**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



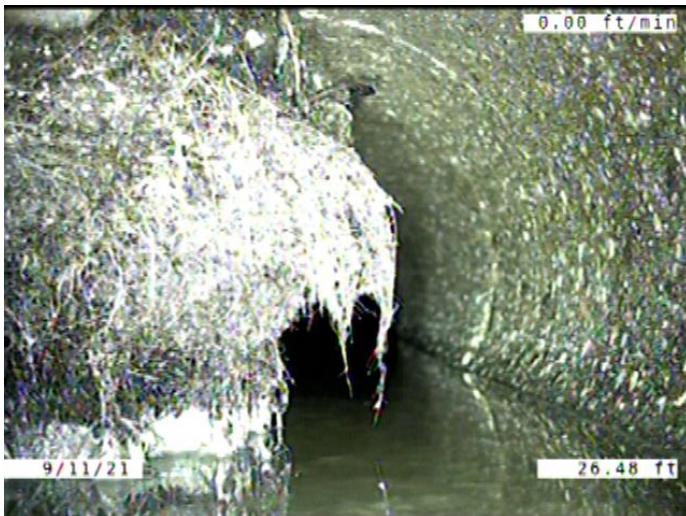
Code: **RML**  
 Description: **Roots Medium Lateral**

Distance (ft): **26.5**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **7**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent: **50.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **26.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

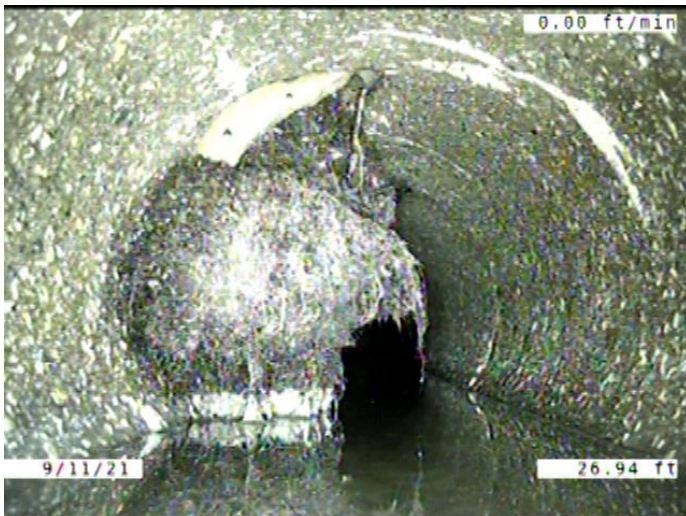
Distance (ft): **26.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F01**  
 Within 8" of Joint: **YES**  
 Remarks:





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

Distance (ft): **26.5**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F02**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **26.9**  
 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: **CAMERA CANT MAKE IT PAST  
 ROOTS. MADE IT TO THE POINT OF**