

## Profile/Photo Observation Report




Date:	<b>04/10/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>177.5</b>	Owner:	<b>NA</b>	Pre Clean:	<b>Not Known</b>
P.O.#:		Surveyor:	<b>Mark Ruby</b>	PSR:	<b>P-503-025-024</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>ALLEY BETWEEN W 39TH PL &amp; W 39</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Other</b>	Tape/Media #:	
Purpose:	<b>Not Known</b>	Dia/Height:	<b>10"</b>
Use:	<b>Sanitary</b>	Material:	<b>VCP</b>
Drain Area:	<b>NA</b>	Lining:	
Category:	<b>NA</b>		
Comment:			

Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-503-024</b>	DS MH:	<b>M-503-025</b>
		Total Length Surveyed (ft):	<b>170.1</b>

O&M Index:	<b>1.22</b>	O&M Quick:	<b>3122</b>	O&M Rating:	<b>22.00</b>
Structural Index:	<b>2.25</b>	Structural Quick:	<b>4127</b>	Structural Rating:	<b>18.00</b>
Overall Index:	<b>1.54</b>	Overall Quick:	<b>4131</b>	Overall Rating:	<b>40.00</b>

	Position	Code	Observation	Video (sec)	Grade
<b>M-503-024</b>					
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	.0	RFJ	Roots Fine Joint	32	M 1
	1.0	CL(S02)	Crack Longitudinal	46	S 2
	2.4	TFC	Tap Factory Capped	61	NA
	4.6	RFJ(S01)	Roots Fine Joint	78	M 1
	13.4	CL(F02)	Crack Longitudinal	108	S 2
	16.3	CL(S03)	Crack Longitudinal	126	S 2
	39.7	MMC	Material Change	185	NA
	39.8	TFD	Tap Factory Defective	197	M 2
	39.8	RFL	Roots Fine Lateral	208	M 1
	39.8	CL(F03)	Crack Longitudinal	219	S 2
	48.6	RFJ(F01)	Roots Fine Joint	248	M 1
	68.0	MMC	Material Change	299	NA
	69.1	TFC	Tap Factory Capped	313	NA
	71.0	TFD	Tap Factory Defective	329	M 2
	71.0	RFL	Roots Fine Lateral	340	M 1
	77.4	RFJ	Roots Fine Joint	365	M 1
	79.7	MMC	Material Change	381	NA
	111.2	TF	Tap Factory	455	NA
	145.8	MMC	Material Change	536	NA
	166.0	TBD	Tap Break-in Defective	588	M 3
	166.0	RFL	Roots Fine Lateral	600	M 1
	167.6	RFJ	Roots Fine Joint	614	M 1
	169.1	FM	Fracture Multiple	629	S 4
	170.1	MSA	Abandoned Survey	643	NA
<b>M-503-025</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-503-024**

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

Distance (ft): **.0**  
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:

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Code:	<b>RFJ</b>
Description:	<b>Roots Fine Joint</b>
Distance (ft):	<b>.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>1</b>
Clock Start/From:	<b>7</b>
Clock To:	<b>5</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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Code:	<b>CL</b>
Description:	<b>Crack Longitudinal</b>
Distance (ft):	<b>1.0</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>12</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>S02</b>
Within 8" of Joint:	
Remarks:	

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Code: **TFC**  
Description: **Tap Factory Capped**

Distance (ft): **2.4**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

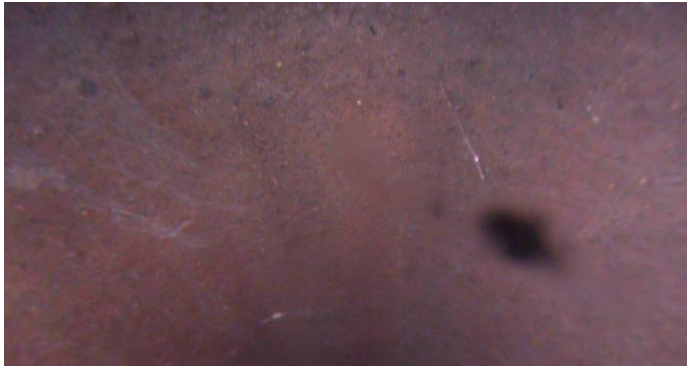
---



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

Distance (ft): **4.6**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **13.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F02**  
Within 8" of Joint:  
Remarks:

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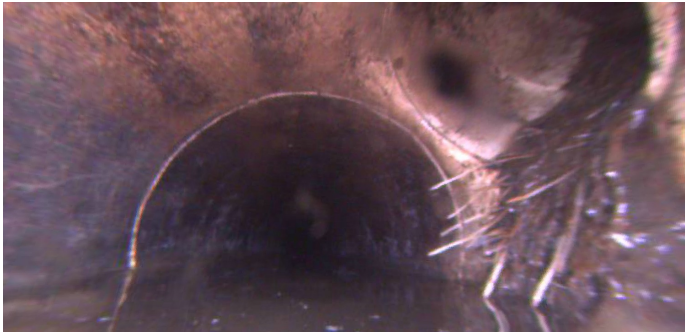
Code: **CL**  
Description: **Crack Longitudinal**

Distance (ft): **16.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S03**  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **39.7**  
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**

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Code: **TFD**  
Description: **Tap Factory Defective**



Distance (ft): **39.8**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **2**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: **Roots**

---



Code: **RFL**  
Description: **Roots Fine Lateral**

Distance (ft): **39.8**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **2**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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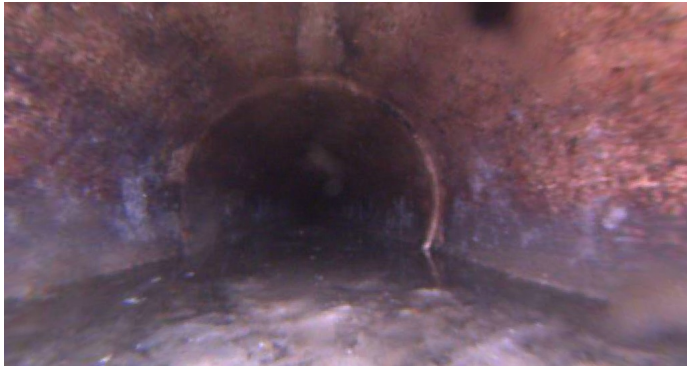


Code: **CL**  
Description: **Crack Longitudinal**

Distance (ft): **39.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F03**  
Within 8" of Joint: **YES**  
Remarks:

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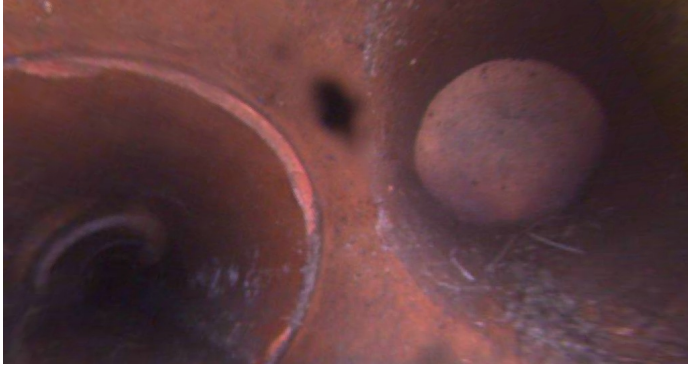
Code:	<b>RFJ</b>
Description:	<b>Roots Fine Joint</b>
Distance (ft):	<b>48.6</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>1</b>
Clock Start/From:	<b>7</b>
Clock To:	<b>5</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>F01</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	

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Code:	<b>MMC</b>
Description:	<b>Material Change</b>
Distance (ft):	<b>68.0</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>VCP</b>

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Code: **TFC**  
Description: **Tap Factory Capped**

Distance (ft): **69.1**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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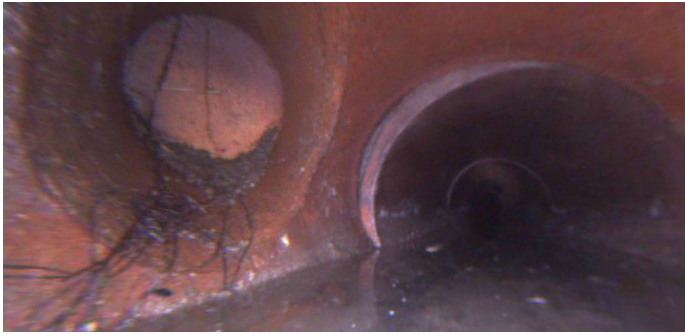


Code: **TFD**  
Description: **Tap Factory Defective**

Distance (ft): **71.0**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **9**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: **ROOTS, CAPPED**

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Code: **RFL**  
Description: **Roots Fine Lateral**



Distance (ft): **71.0**  
Structural Grade: **0**  
O&M Grade: **1**  
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: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **77.4**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **4**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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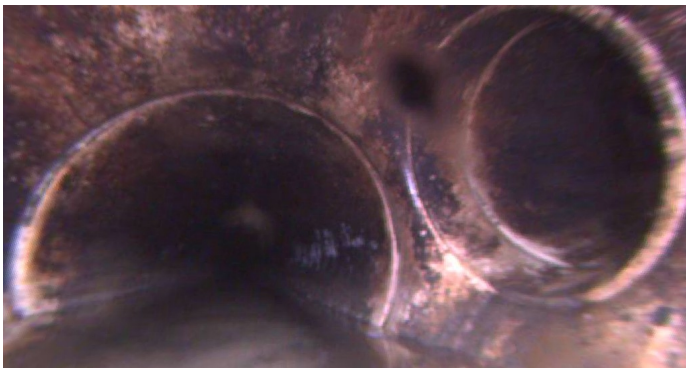
Code: **MMC**  
Description: **Material Change**



Distance (ft): **79.7**  
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**

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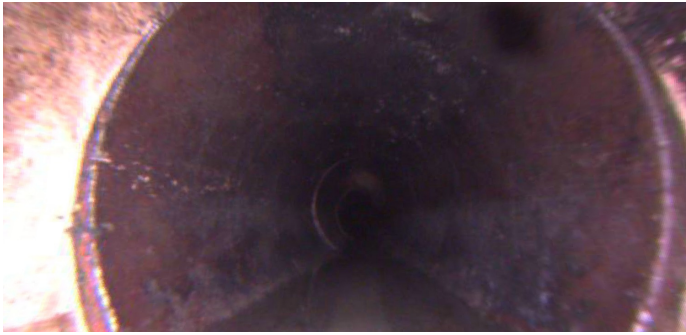
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **111.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **4**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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



Distance (ft): **145.8**  
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: **VCP**

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Code: **TBD**  
Description: **Tap Break-in Defective**



Distance (ft): **166.0**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **12**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: **Roots**

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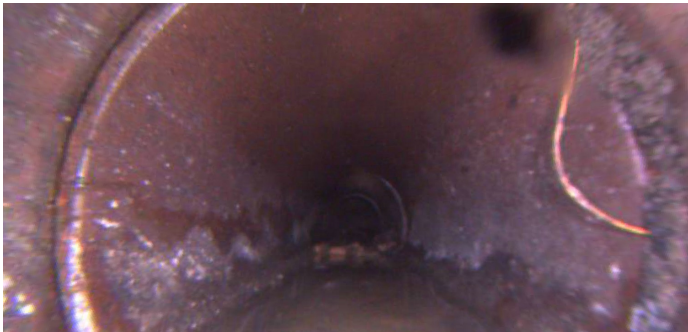




Code: **RFL**  
Description: **Roots Fine Lateral**

Distance (ft): **166.0**  
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: **NO**  
Remarks:

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

Distance (ft): **167.6**  
Structural Grade: **0**  
O&M Grade: **1**  
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): **169.1**  
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:

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



Distance (ft): **170.1**  
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: **Debris**