

## Profile/Photo Observation Report

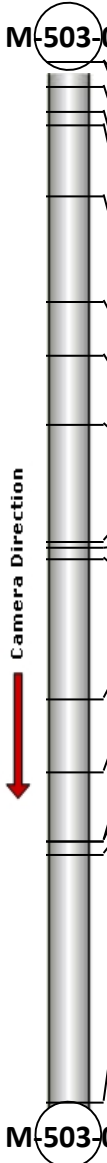


Date:	<b>04/12/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>183.8</b>	Owner:	<b>NA</b>	Pre Clean:	<b>Not Known</b>
P.O.#:		Surveyor:	<b>Jen Costello</b>	PSR:	<b>P-503-009-008</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

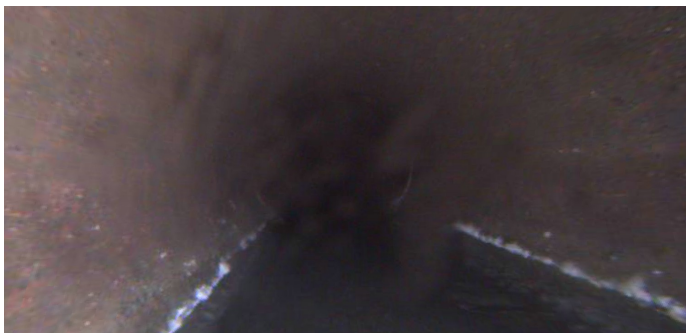
Street:	<b>W 40th ave</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Other</b>	Tape/Media #:	
Purpose:	<b>Not Known</b>	Dia/Height:	<b>12"</b>
Use:	<b>Sanitary</b>	Material:	<b>VCP</b>
Drain Area:	<b>NA</b>	Lining:	
Category:	<b>NA</b>		
Comment:			

Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-503-008</b>	DS MH:	<b>M-503-009</b>
		Total Length Surveyed (ft):	<b>203.9</b>

O&M Index:	<b>1.75</b>	O&M Quick:	<b>2311</b>	O&M Rating:	<b>7.00</b>
Structural Index:	<b>3.00</b>	Structural Quick:	<b>4132</b>	Structural Rating:	<b>12.00</b>
Overall Index:	<b>2.38</b>	Overall Quick:	<b>4132</b>	Overall Rating:	<b>19.00</b>

	Position	Code	Observation	Video (sec)	Grade
<b>M-503-008</b>					
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	22	NA
	4.8	FL	Fracture Longitudinal	43	S 3
	9.9	TF	Tap Factory	67	NA
	12.3	SSS	Surface Spalling	85	S 2
	26.2	TF	Tap Factory	127	NA
	47.1	MMC	Material Change	182	NA
	57.6	MMC	Material Change	214	NA
	71.1	TF	Tap Factory	255	NA
	94.0	FS	Fracture Spiral	315	S 3
	95.3	TF	Tap Factory	331	NA
	97.5	TF	Tap Factory	351	NA
	124.9	RFJ	Roots Fine Joint	420	M 1
	139.1	IW	Infil Weeper	461	M 2
	152.8	FM	Fracture Multiple	501	S 4
	152.8	IW	Infil Weeper	512	M 2
	155.2	DAE	Deposits Attached Encrustation	529	M 2
	203.9	AMH	Manhole	638	NA
<b>M-503-009</b>					

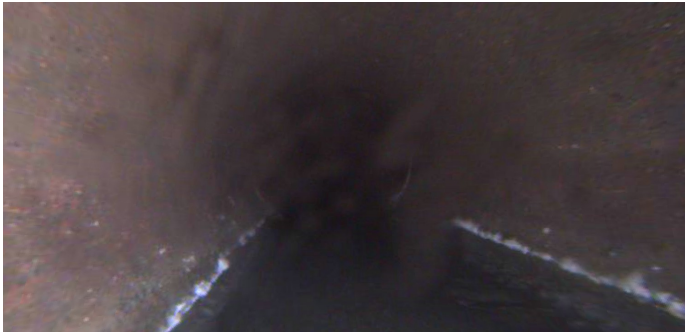
Code: **AMH**  
Description: **Manhole**



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-503-008**

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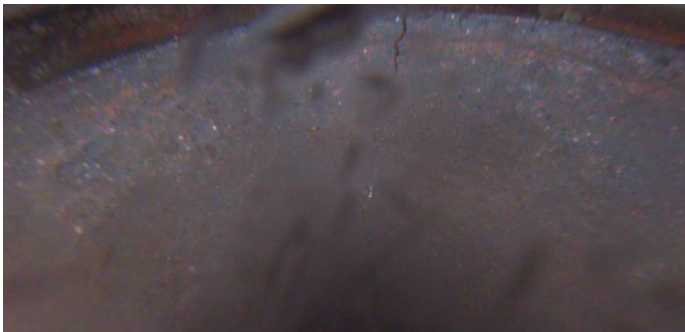
Code:	<b>MWL</b>
Description:	<b>Water Level</b>



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:	

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Code:	<b>FL</b>
Description:	<b>Fracture Longitudinal</b>



Distance (ft):	<b>4.8</b>
Structural Grade:	<b>3</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>12</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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



Distance (ft): **9.9**  
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:

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



Distance (ft): **12.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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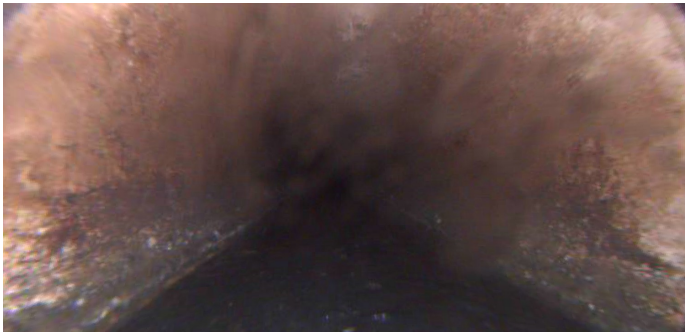
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **26.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---

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



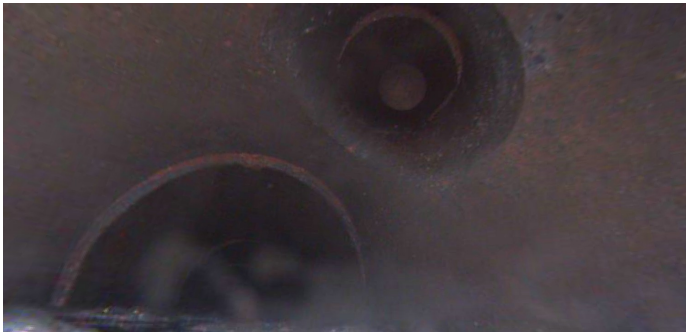
Distance (ft): **47.1**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **PVC**

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Code:	<b>MMC</b>
Description:	<b>Material Change</b>
Distance (ft):	<b>57.6</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>

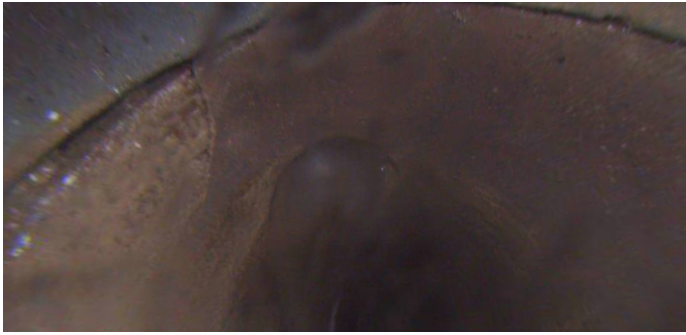
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Code:	<b>TF</b>
Description:	<b>Tap Factory</b>
Distance (ft):	<b>71.1</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>11</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	

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Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **94.0**  
Structural Grade: **3**  
O&M Grade: **0**  
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: **TF**  
Description: **Tap Factory**

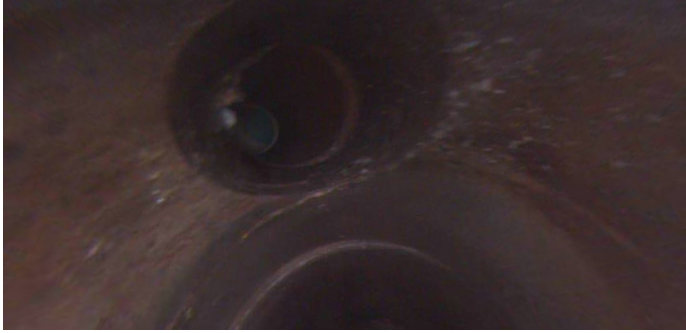


Distance (ft): **95.3**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---



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



Distance (ft): **97.5**  
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:  
Remarks:

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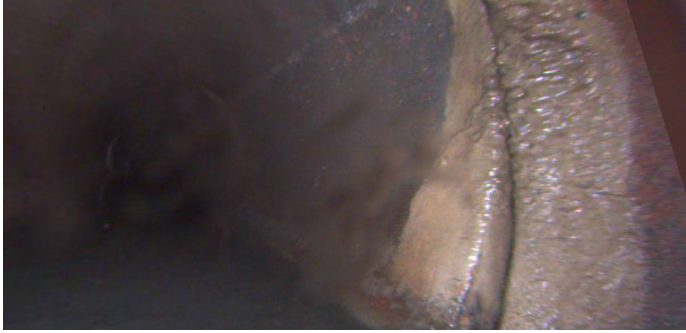
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **124.9**  
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:



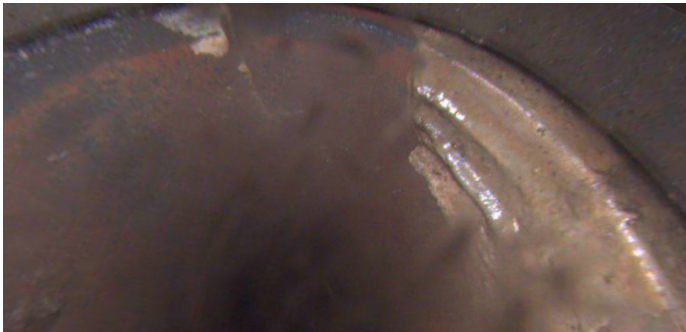
Code: **IW**  
Description: **Infil Weeper**



Distance (ft): **139.1**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **1**  
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): **152.8**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **IW**  
Description: **Infil Weeper**



Distance (ft): **152.8**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **1**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **DAE**  
Description: **Deposits Attached Encrustation**



Distance (ft): **155.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **1**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code:	AMH
Description:	Manhole
Distance (ft):	203.9
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:	M-503-009