

# Profile/Photo Observation Report



Date:	<b>04/10/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>224.0</b>	Owner:	<b>NA</b>	Pre Clean:	<b>Not Known</b>
P.O.#:		Surveyor:	<b>Mark Ruby</b>	PSR:	<b>P-503-047-046</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>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-503-046</b>	DS MH:	<b>M-503-047</b>
		Total Length Surveyed (ft):	<b>196.7</b>

O&M Index:	<b>2.23</b>	O&M Quick:	<b>3624</b>	O&M Rating:	<b>29.00</b>
Structural Index:	<b>3.33</b>	Structural Quick:	<b>4132</b>	Structural Rating:	<b>10.00</b>
Overall Index:	<b>2.44</b>	Overall Quick:	<b>4138</b>	Overall Rating:	<b>39.00</b>

	Position	Code	Observation	Video (sec)	Grade
<b>M-503-046</b>					
	.0	DSF	Deposits Settled Fine	10	M 2
	.0	AMH	Manhole	21	NA
	.0	MWL	Water Level	33	NA
	8.0	TF	Tap Factory	62	NA
	25.0	TFC	Tap Factory Capped	111	NA
	36.0	MMC	Material Change	147	NA
	39.1	TF	Tap Factory	164	NA
	41.7	MMC	Material Change	181	NA
	55.2	FS	Fracture Spiral	220	S 3
	66.7	TF	Tap Factory	256	NA
	69.0	TF	Tap Factory	276	NA
	79.7	FM	Fracture Multiple	311	S 4
	115.0	RFJ	Roots Fine Joint	394	M 1
	129.5	RMJ	Roots Medium Joint	434	M 3
	139.5	RMJ(S01)	Roots Medium Joint	466	M 3
	145.8	RFL	Roots Fine Lateral	492	M 1
	145.8	TFD	Tap Factory Defective	503	M 2
	148.0	TF	Tap Factory	523	NA
	165.0	RMJ(F01)	Roots Medium Joint	573	M 3
	168.7	FS	Fracture Spiral	594	S 3
	168.7	RFJ	Roots Fine Joint	605	M 1
	188.5	IW	Infil Weeper	656	M 2
	188.5	DAE	Deposits Attached Encrustation	667	M 2
	196.7	MSA	Abandoned Survey	695	NA
<b>M-503-047</b>					

Camera Direction  
↓

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



Distance (ft): **.0**  
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: **NO**  
Remarks:

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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-503-046**

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



Distance (ft): **8.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: **Photo taken from rear camera.**

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



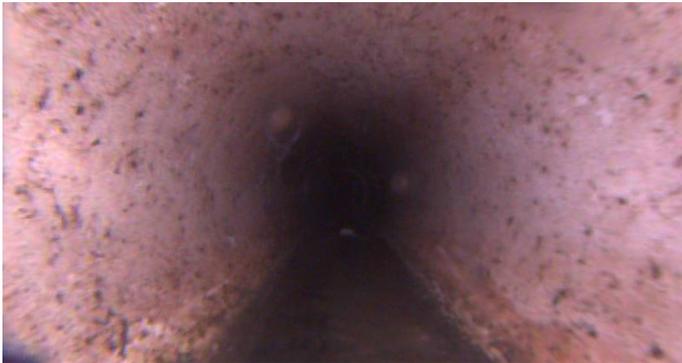
Distance (ft): **25.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value: **4.000**

2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:

Remarks: **Photo taken from rear camera.**

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



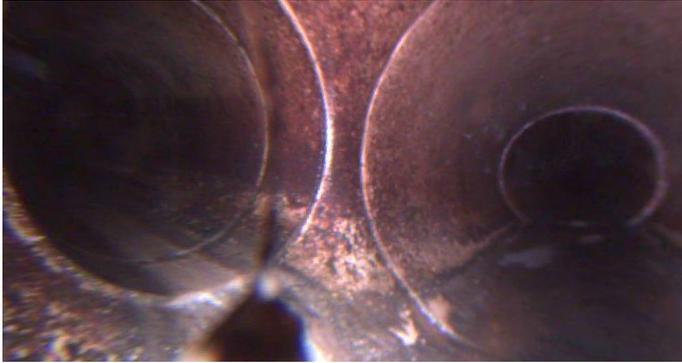
Distance (ft): **36.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:

1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:

Within 8" of Joint: **NO**  
Remarks: **PVC**

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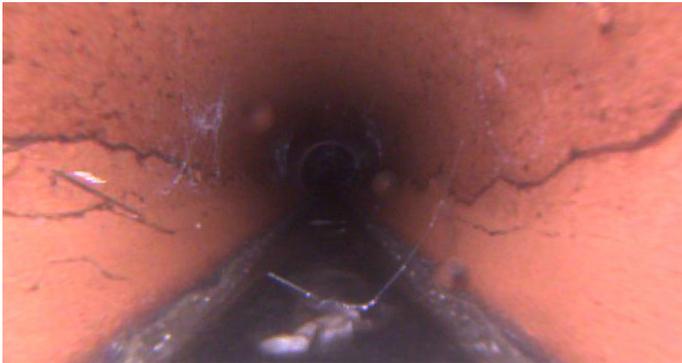
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **39.1**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

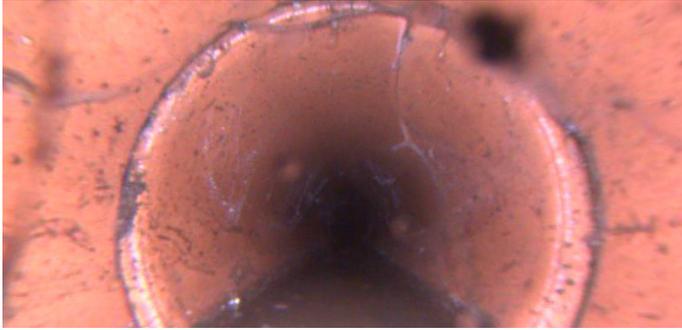
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Code: **MMC**  
Description: **Material Change**



Distance (ft): **41.7**  
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: **VCP**

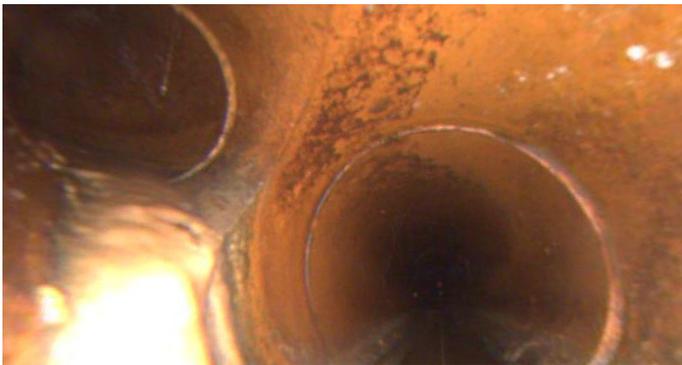
Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **55.2**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

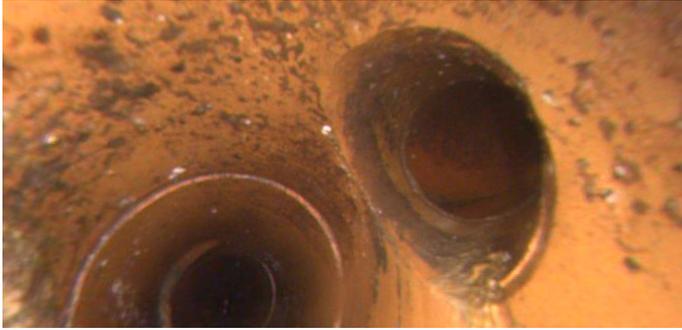
---

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



Distance (ft): **66.7**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: **Photo taken from rear camera.**

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



Distance (ft): **69.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

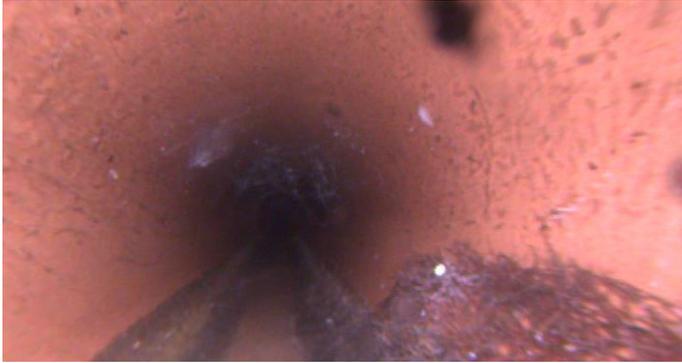
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Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **79.7**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

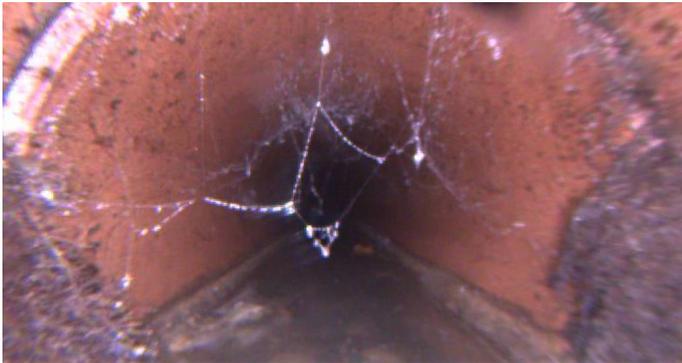
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **115.0**  
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: **RMJ**  
Description: **Roots Medium Joint**



Distance (ft): **129.5**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **139.5**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **145.8**  
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: **ROOTS**

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

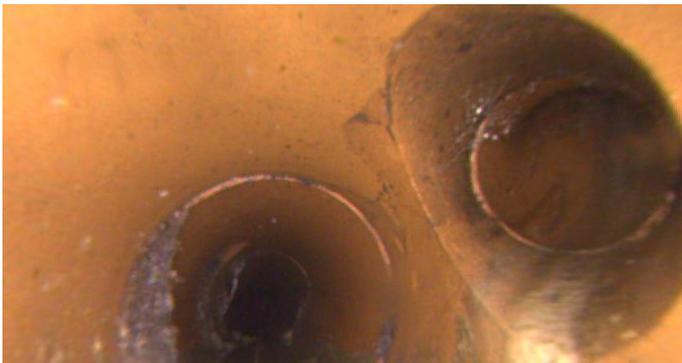


Distance (ft): **145.8**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **2**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:

Remarks: **Roots, Photo taken from rear camera.**

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



Distance (ft): **148.0**  
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: **Photo taken from rear camera.**

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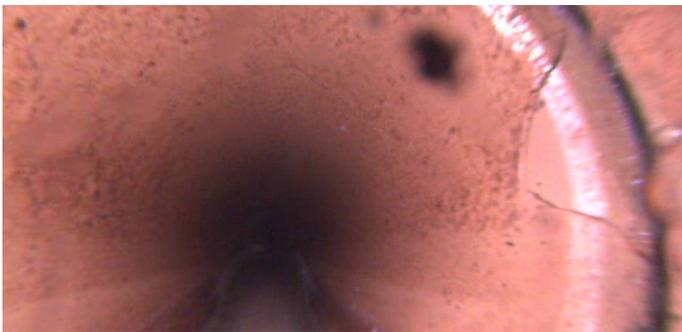
Code: **RMJ**  
Description: **Roots Medium Joint**



Distance (ft): **165.0**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **168.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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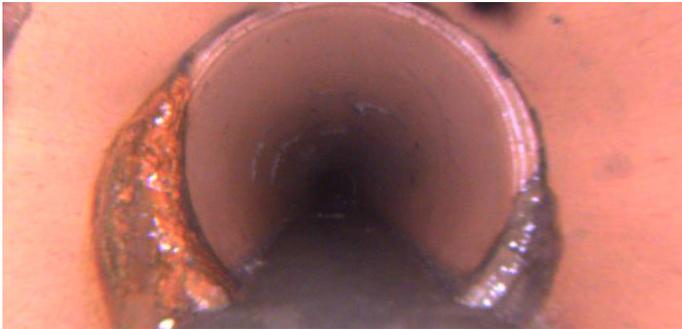
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **168.7**  
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: **YES**  
Remarks:

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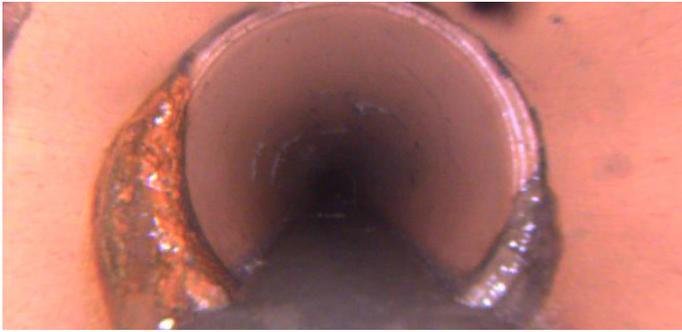
Code: **IW**  
Description: **Infil Weeper**



Distance (ft): **188.5**  
Structural Grade: **0**  
O&M Grade: **2**  
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: **DAE**  
Description: **Deposits Attached Encrustation**



Distance (ft): **188.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **196.7**  
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: **Debris under water**