

## Profile/Photo Observation Report




Date:	<b>04/14/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>218.3</b>	Owner:	<b>NA</b>	Pre Clean:	<b>Not Known</b>
P.O.#:		Surveyor:	<b>Jen Costello</b>	PSR:	<b>P-706-008.7-008.6</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>GARFIELD ST</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Light Highway</b>	Tape/Media #:	
Purpose:	<b>Maintenance Related</b>	Dia/Height:	<b>8"</b>
Use:	<b>Sanitary</b>	Material:	<b>VCP</b>
Drain Area:	<b>NA</b>	Lining:	<b>Cured in Place</b>
Category:	<b>NA</b>		
Comment:	<b>roots at 29'.</b>		

Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-706-008.6</b>	DS MH:	<b>M-706-008.7</b>
		Total Length Surveyed (ft):	<b>30.4</b>

O&M Index:	<b>2.36</b>	O&M Quick:	<b>4432</b>	O&M Rating:	<b>33.00</b>
Structural Index:	<b>3.33</b>	Structural Quick:	<b>4221</b>	Structural Rating:	<b>10.00</b>
Overall Index:	<b>2.53</b>	Overall Quick:	<b>4632</b>	Overall Rating:	<b>43.00</b>

	Position	Code	Observation	Video (sec)	Grade
<b>M-706-008.6</b>					
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	.0	DAE(S01)	Deposits Attached Encrustation	32	M 2
	2.0	CL	Crack Longitudinal	48	S 2
	8.3	RFJ	Roots Fine Joint	72	M 1
	11.6	FM	Fracture Multiple	90	S 4
	11.8	RFJ	Roots Fine Joint	102	M 1
	13.2	TF	Tap Factory	116	NA
	13.9	FM	Fracture Multiple	129	S 4
	13.9	RFJ	Roots Fine Joint	139	M 1
	13.9	DAE(F01)	Deposits Attached Encrustation	150	M 2
	15.5	TFA	Tap Factory Active	165	NA
	15.9	RFJ	Roots Fine Joint	177	M 1
	18.1	RMJ	Roots Medium Joint	192	M 3
	20.0	RFJ	Roots Fine Joint	206	M 1
	22.0	RBJ	Roots Ball Joint	221	M 4
	23.8	RBJ	Roots Ball Joint	235	M 4
	25.9	RMJ	Roots Medium Joint	250	M 3
	27.8	RBJ	Roots Ball Joint	264	M 4
	29.9	RBJ	Roots Ball Joint	279	M 4
	30.4	MSA	Abandoned Survey	290	NA
<b>M-706-008.7</b>					

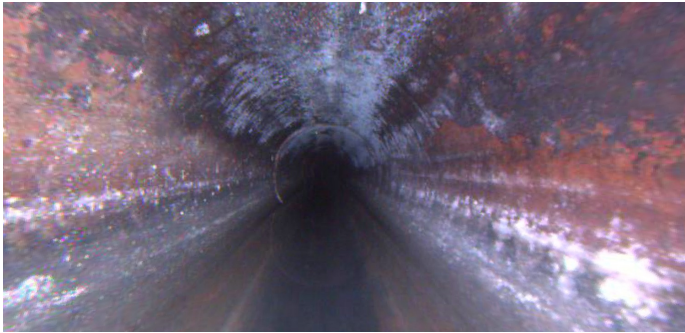
Code: **AMH**  
Description: **Manhole**



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-706-008.6**

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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>10.000</b>
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

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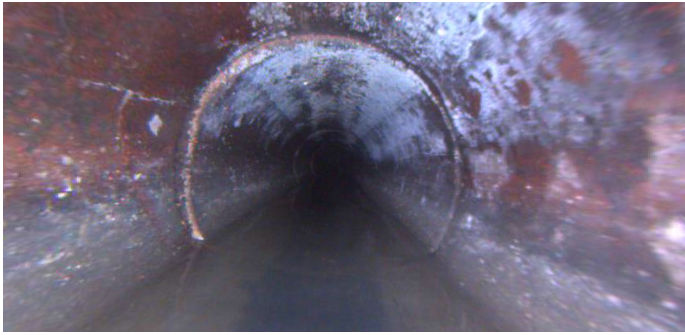
Code:	<b>DAE</b>
Description:	<b>Deposits Attached Encrustation</b>



Distance (ft):	<b>.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>8</b>
Clock To:	<b>4</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	<b>S01</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

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



Distance (ft): **2.0**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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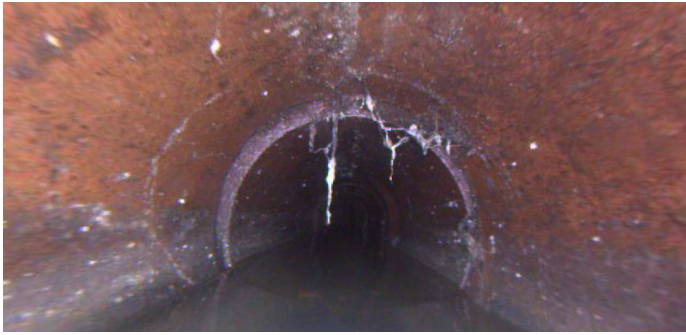
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **8.3**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **1**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:



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



Distance (ft): **11.6**  
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: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **11.8**  
Structural Grade: **0**  
O&M Grade: **1**  
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: **TF**  
Description: **Tap Factory**



Distance (ft): **13.2**  
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: **FM**  
Description: **Fracture Multiple**



Distance (ft): **13.9**  
Structural Grade: **4**  
O&M Grade: **0**  
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: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **13.9**  
Structural Grade: **0**  
O&M Grade: **1**  
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): **13.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F01**  
Within 8" of Joint: **NO**  
Remarks:

Code: **TFA**  
Description: **Tap Factory Active**



Distance (ft): **15.5**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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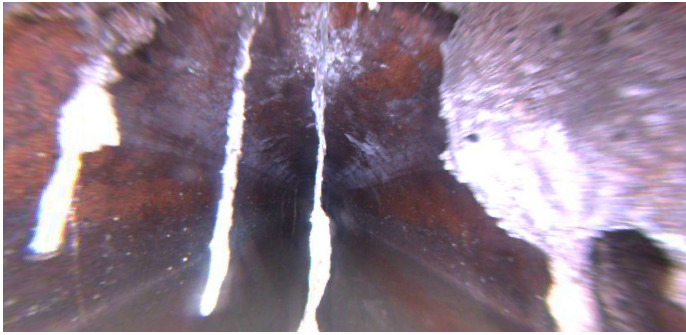
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **15.9**  
Structural Grade: **0**  
O&M Grade: **1**  
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: **RMJ**  
Description: **Roots Medium Joint**



Distance (ft): **18.1**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **20.0**  
Structural Grade: **0**  
O&M Grade: **1**  
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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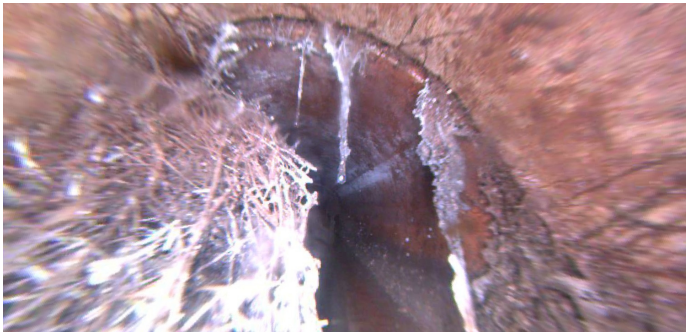
Code: **RBJ**  
Description: **Roots Ball Joint**



Distance (ft): **22.0**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **60.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **RBJ**  
Description: **Roots Ball Joint**



Distance (ft): **23.8**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **60.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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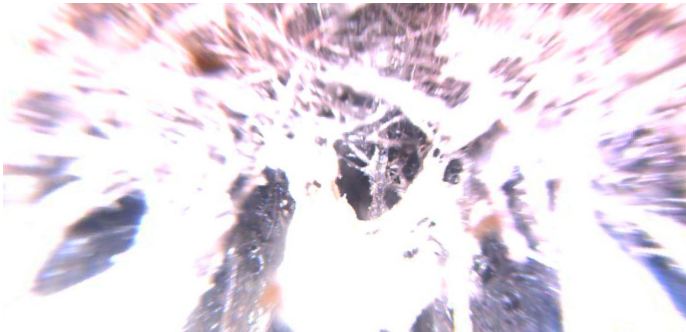
Code: **RMJ**  
Description: **Roots Medium Joint**



Distance (ft): **25.9**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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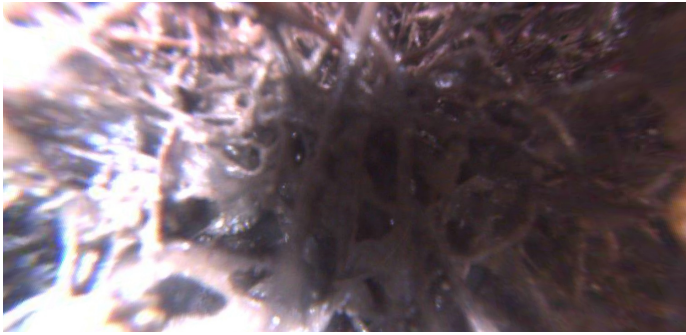
Code: **RBJ**  
Description: **Roots Ball Joint**



Distance (ft): **27.8**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **90.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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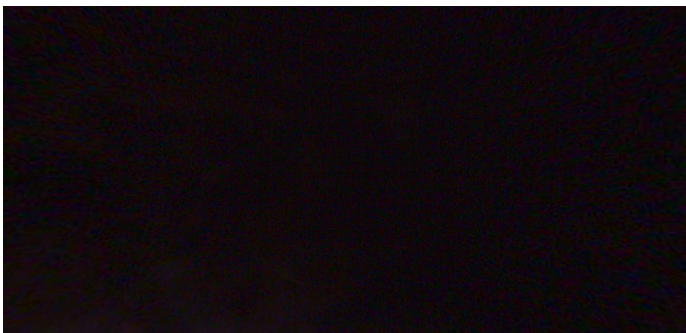
Code: **RBJ**  
Description: **Roots Ball Joint**



Distance (ft): **29.9**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **90.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **30.4**  
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: **ROOTS**