

## Profile/Photo Observation Report

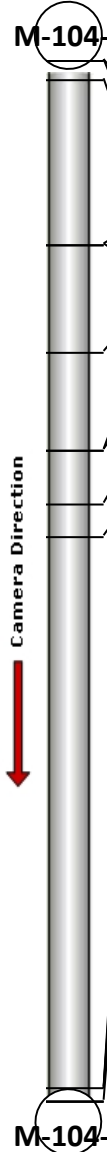


Date:	<b>10/16/2021</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):		Owner:	<b>Hobart, IN</b>	Pre Clean:	<b>Not Known</b>
P.O.#:	<b>834_1</b>	Surveyor:	<b>M. Pielacha</b>	PSR:	<b>P-104-012-013</b>
Customer:	<b>Hobart, IN</b>	Clean Date:		Shape:	<b>C</b>

Street:	<b>Off 41st Avenue</b>	Flow Control:	
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Yard</b>	Tape/Media #:	<b>834</b>
Purpose:	<b>Reversal</b>	Dia/Height:	<b>12"</b>
Use:	<b>Sanitary</b>	Material:	<b>VCP</b>
Drain Area:		Lining:	
Category:	<b>NA</b>		
Comment:			

Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-104-13</b>	DS MH:	<b>M-104-12</b>
		Total Length Surveyed (ft):	<b>86.9</b>

O&M Index:	<b>1.16</b>	O&M Quick:	<b>3121</b>	O&M Rating:	<b>22.00</b>
Structural Index:	<b>4.00</b>	Structural Quick:	<b>5142</b>	Structural Rating:	<b>16.00</b>
Overall Index:	<b>1.65</b>	Overall Quick:	<b>5142</b>	Overall Rating:	<b>38.00</b>

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	0	NA
	.0	MWL	Water Level	11	NA
	2.6	RFJ(S01)	Roots Fine Joint	43	M 1
	16.3	TBA	Tap Break-in Active	76	NA
	16.4	B	Broken	90	S 5
	25.3	CM	Crack Multiple	111	S 3
	33.5	FM	Fracture Multiple	136	S 4
	33.5	FM	Fracture Multiple	149	S 4
	38.0	TFC	Tap Factory Capped	159	NA
	40.8	TFA	Tap Factory Active	180	NA
	86.7	RFJ(F01)	Roots Fine Joint	237	M 1
	86.9	TFD	Tap Factory Defective	246	M 2
	86.9	RML	Roots Medium Lateral	256	M 3
	86.9	MSA	Abandoned Survey	267	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-104-13**



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: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



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

Distance (ft): **2.6**  
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:	<b>TBA</b>
Description:	<b>Tap Break-in Active</b>
Distance (ft):	<b>16.3</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>9</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

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Code:	<b>B</b>
Description:	<b>Broken</b>
Distance (ft):	<b>16.4</b>
Structural Grade:	<b>5</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>12</b>
Clock To:	<b>4</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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Code:	<b>CM</b>
Description:	<b>Crack Multiple</b>
Distance (ft):	<b>25.3</b>
Structural Grade:	<b>3</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>10</b>
Clock To:	<b>12</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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Code:	<b>FM</b>
Description:	<b>Fracture Multiple</b>
Distance (ft):	<b>33.5</b>
Structural Grade:	<b>4</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>2</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: **FM**  
Description: **Fracture Multiple**

Distance (ft): **33.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **8**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **38.0**  
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: **NO**  
Remarks:

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

Distance (ft): **40.8**  
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: **NO**  
Remarks:

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

Distance (ft): **86.7**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **86.9**  
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: **NO**  
Remarks: **roots**

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

Distance (ft): **86.9**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **7**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent: **20.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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Code:	<b>MSA</b>
Description:	<b>Abandoned Survey</b>
Distance (ft):	<b>86.9</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>reverse Complete</b>