

Profile/Photo Observation Report




Date:	04/25/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	.0	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Jen Costello	PSR:	P-605-038-037
Customer:		Clean Date:	01/01/1900	Shape:	C

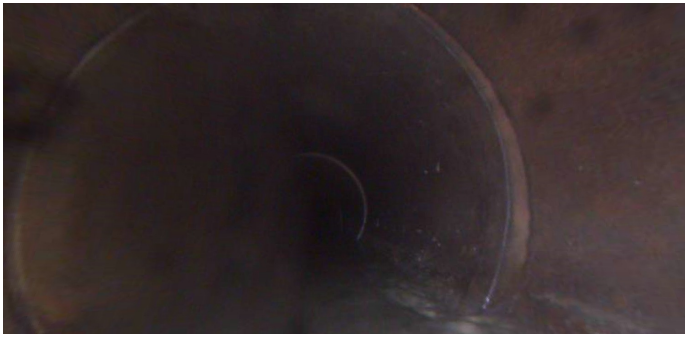
Street:	S PENNSYLVANIA ST & W 2ND ST	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Light Highway	Tape/Media #:	
Purpose:	Not Known	Dia/Height:	12"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Downstream
US MH:	M-605-037	DS MH:	M-605-038
		Total Length Surveyed (ft):	288.0

O&M Index:	2.47	O&M Quick:	3C2D	O&M Rating:	121.00
Structural Index:	4.07	Structural Quick:	534F	Structural Rating:	171.00
Overall Index:	3.21	Overall Quick:	534F	Overall Rating:	292.00

	Position	Code	Observation	Video (sec)	Grade
 Camera Direction	M-605-037				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	22	NA
	51.0	TFA	Tap Factory Active	137	NA
	68.0	TBI	Tap Break-in Intruding	185	M 2
	72.7	TBI	Tap Break-in Intruding	210	M 2
	75.3	TF	Tap Factory	230	NA
	78.4	DAE	Deposits Attached Encrustation	250	M 2
	85.8	DAE	Deposits Attached Encrustation	277	M 2
	85.8	IW	Infil Weeper	288	M 2
	89.7	FM	Fracture Multiple	306	S 4
	91.5	DAE(S01)	Deposits Attached Encrustation	320	M 2
	96.5	FM	Fracture Multiple	343	S 4
	101.6	FM(S02)	Fracture Multiple	365	S 4
	115.3	TFA	Tap Factory Active	406	NA
	153.3	TFD	Tap Factory Defective	496	M 2
	155.2	TF	Tap Factory	515	NA
	155.8	TBI	Tap Break-in Intruding	531	M 2
	156.7	TBI	Tap Break-in Intruding	545	M 2
	157.4	DAE(F01)	Deposits Attached Encrustation	557	M 2
	182.8	RFB	Roots Fine Barrel	618	M 2
	184.3	RMJ(S03)	Roots Medium Joint	632	M 3
	195.7	TBD	Tap Break-in Defective	668	M 3
	195.7	TBD	Tap Break-in Defective	678	M 3
	197.5	TF	Tap Factory	696	NA
	206.8	RFB	Roots Fine Barrel	728	M 2
	218.2	HVV	Hole Void Visible	762	S 5
	229.2	RFB	Roots Fine Barrel	795	M 2
	235.9	TF	Tap Factory	821	NA
	238.5	TFD	Tap Factory Defective	841	M 2
	238.5	RML	Roots Medium Lateral	851	M 3
	273.7	HSV	Hole Soil Visible	935	S 5
	273.7	HSV	Hole Soil Visible	946	S 5
	274.1	TBI	Tap Break-in Intruding	959	M 2
	276.5	TF	Tap Factory	978	NA
	285.9	RMJ(F03)	Roots Medium Joint	1010	M 3
	285.9	FM(F02)	Fracture Multiple	1020	S 4
	288.0	AMH	Manhole	1035	NA
	M-605-038				

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



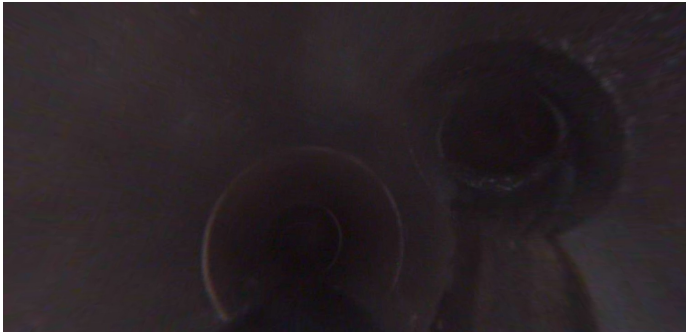
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **M-605-037**

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



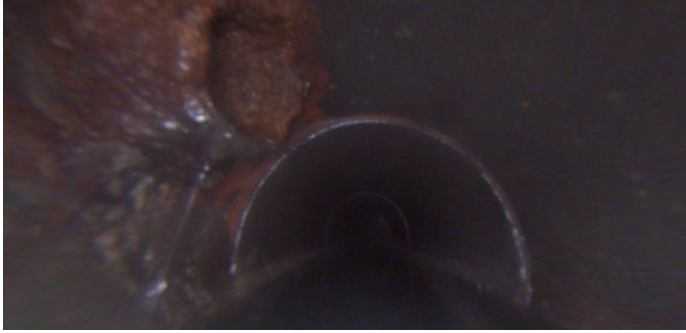
Distance (ft): **51.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **9**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **TBI**
Description: **Tap Break-in Intruding**



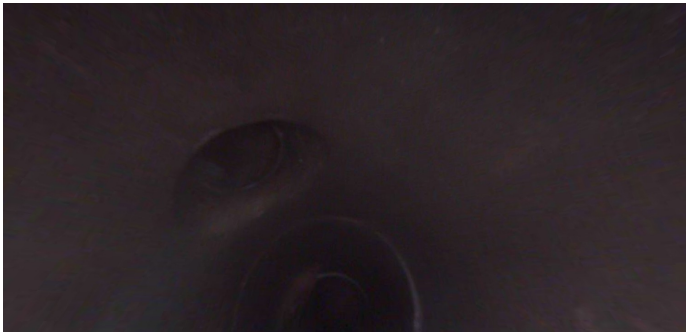
Distance (ft): **68.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value: **2.000**
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **TBI**
Description: **Tap Break-in Intruding**



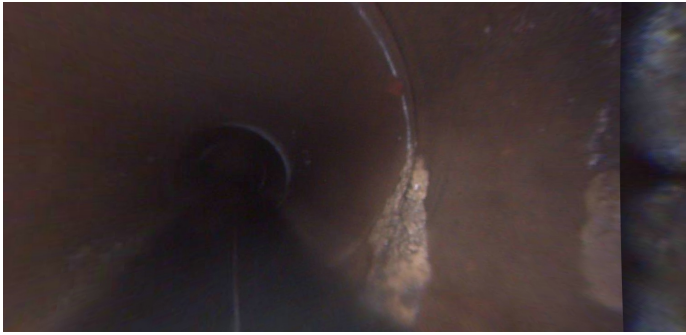
Distance (ft): **72.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value: **1.000**
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **75.3**
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:

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



Distance (ft): **78.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **9**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **85.8**
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:

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



Distance (ft): **85.8**
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:

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



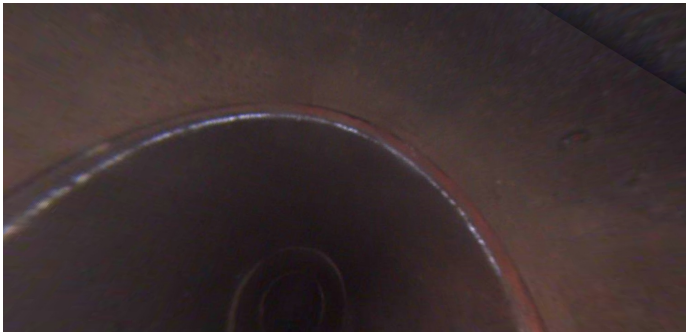
Distance (ft): **89.7**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **1**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **91.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:

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



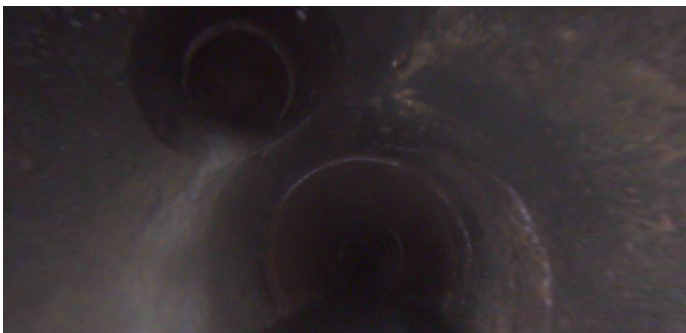
Distance (ft): **96.5**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **101.6**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **115.3**
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:

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



Distance (ft): **153.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **fm**

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



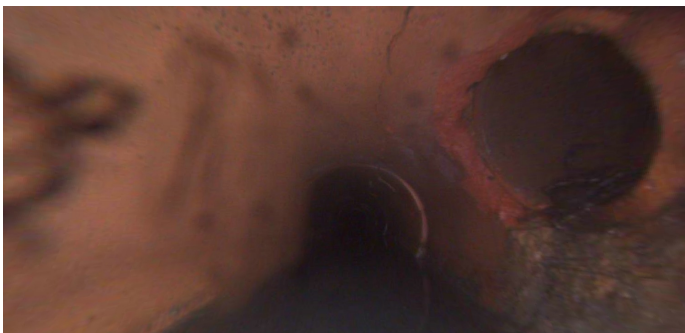
Distance (ft): **155.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **TBI**
Description: **Tap Break-in Intruding**



Distance (ft): **155.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value: **1.000**
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **TBI**
Description: **Tap Break-in Intruding**



Distance (ft): **156.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **3**
Clock To:
1st Value: **4.000**
2nd Value: **1.000**
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **157.4**
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: **YES**
Remarks:

Code: **RFB**
Description: **Roots Fine Barrel**



Distance (ft): **182.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **184.3**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S03**
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **195.7**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **roots**

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



Distance (ft): **195.7**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **roots**

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



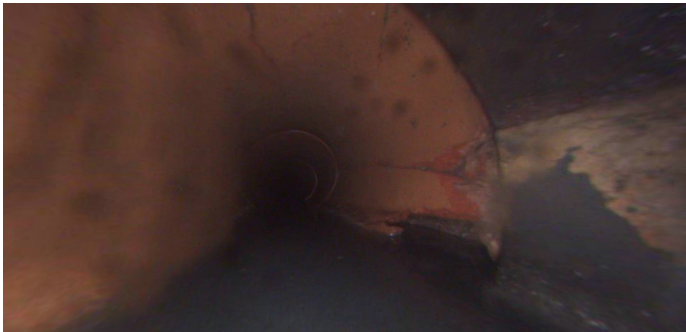
Distance (ft): **197.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **RFB**
Description: **Roots Fine Barrel**



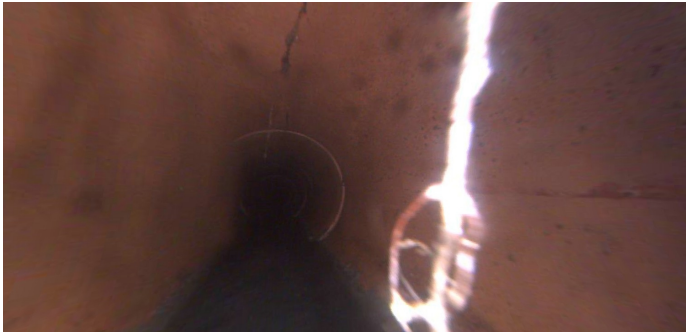
Distance (ft): **206.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **HVV**
Description: **Hole Void Visible**



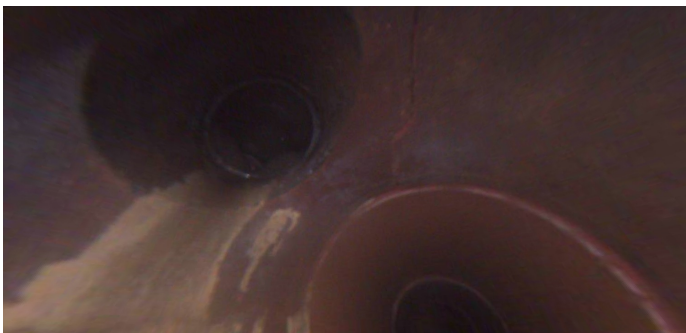
Distance (ft): **218.2**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **4**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **RFB**
Description: **Roots Fine Barrel**



Distance (ft): **229.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



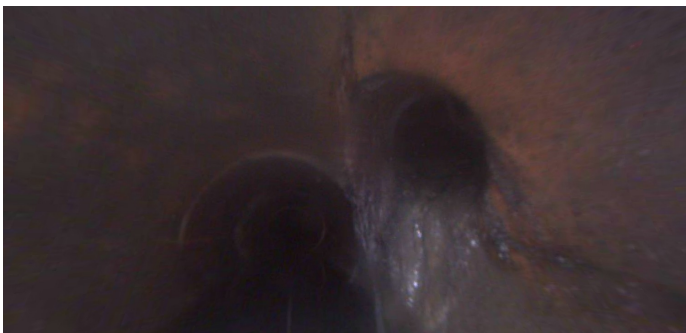
Distance (ft): **235.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **238.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **FM, RML**

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



Distance (ft): **238.5**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **10**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: HSV
Description: Hole Soil Visible



Distance (ft): 273.7
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 4
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: HSV
Description: Hole Soil Visible



Distance (ft): 273.7
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 8
Clock To: 9
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **TBI**
Description: **Tap Break-in Intruding**



Distance (ft): **274.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value: **1.000**
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **276.5**
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:

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



Distance (ft): **285.9**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F03**
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **285.9**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **288.0**
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-605-038**