

Profile/Photo Observation Report




Date:	04/25/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	235.5	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Jen Costello	PSR:	P-605-027-026
Customer:		Clean Date:	01/01/1900	Shape:	C

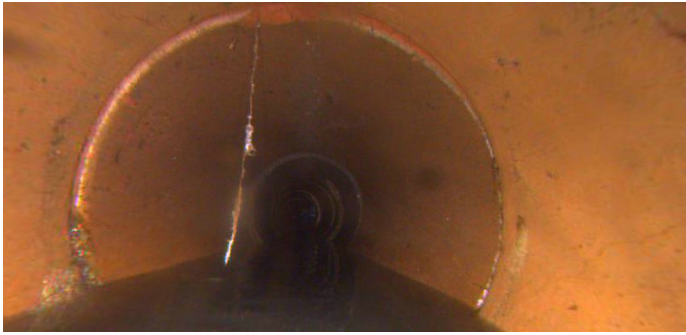
Street:	S Ash St.	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Other	Tape/Media #:	
Purpose:	Not Known	Dia/Height:	12"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Downstream
US MH:	M-605-026	DS MH:	M-605-027
		Total Length Surveyed (ft):	48.0

O&M Index:	2.44	O&M Quick:	4234	O&M Rating:	39.00
Structural Index:	3.90	Structural Quick:	4931	Structural Rating:	39.00
Overall Index:	3.00	Overall Quick:	4A35	Overall Rating:	78.00

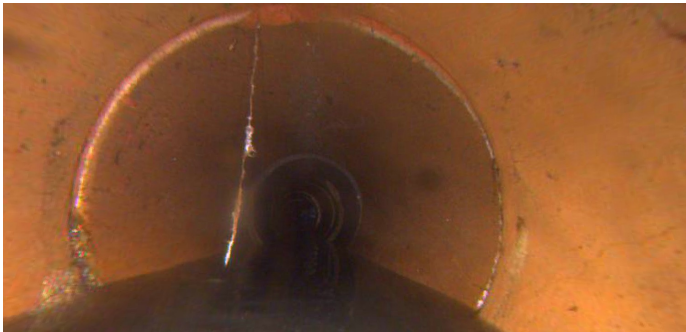
	Position	Code	Observation	Video (sec)	Grade
M-605-026					
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	22	NA
	.0	RFJ	Roots Fine Joint	33	M 1
	3.0	FM	Fracture Multiple	50	S 4
	3.0	DAE	Deposits Attached Encrustation	61	M 2
	4.4	TFD	Tap Factory Defective	76	M 2
	4.4	DAE	Deposits Attached Encrustation	87	M 2
	5.3	FM	Fracture Multiple	100	S 4
	7.2	DAE	Deposits Attached Encrustation	115	M 2
	8.1	TBA	Tap Break-in Active	129	NA
	8.1	DAE	Deposits Attached Encrustation	140	M 2
	9.9	FL(S01)	Fracture Longitudinal	156	S 3
	11.0	DAE	Deposits Attached Encrustation	170	M 2
	13.0	FM(S02)	Fracture Multiple	185	S 4
	13.0	FL(F01)	Fracture Longitudinal	197	S 3
	26.0	RFB	Roots Fine Barrel	234	M 2
	26.7	TF	Tap Factory	247	NA
	33.8	RFB	Roots Fine Barrel	273	M 2
	35.6	RMJ	Roots Medium Joint	288	M 3
	39.6	RMJ	Roots Medium Joint	307	M 3
	40.7	RMB	Roots Medium Barrel	321	M 4
	41.4	RMJ	Roots Medium Joint	334	M 3
	45.1	TFD	Tap Factory Defective	353	M 2
	45.1	RML	Roots Medium Lateral	365	M 3
	45.1	RBJ	Roots Ball Joint	376	M 4
	48.0	FM(F02)	Fracture Multiple	394	S 4
	48.0	MSA	Abandoned Survey	405	NA
M-605-027					

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



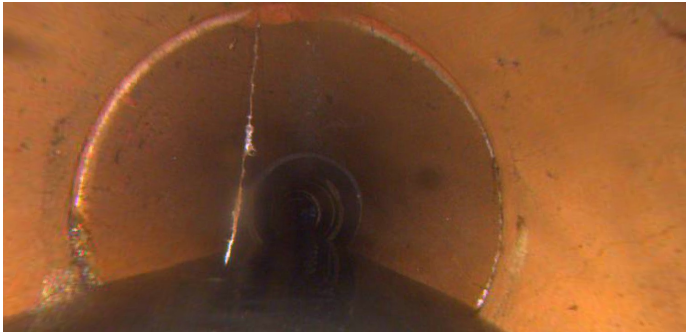
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **M-605-026**

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: **20.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



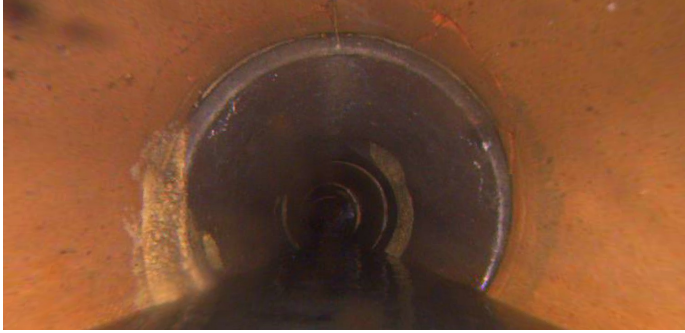
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **3.0**
Structural Grade: **4**
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:

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



Distance (ft): **3.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **10**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



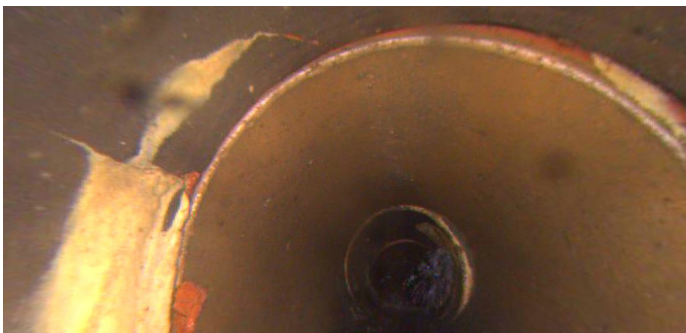
Distance (ft): **4.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **DAE**

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



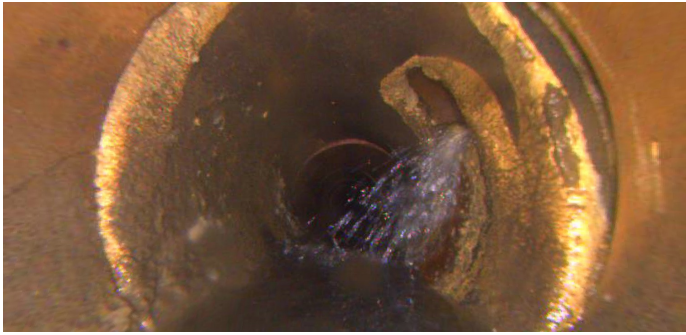
Distance (ft): **4.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **1**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



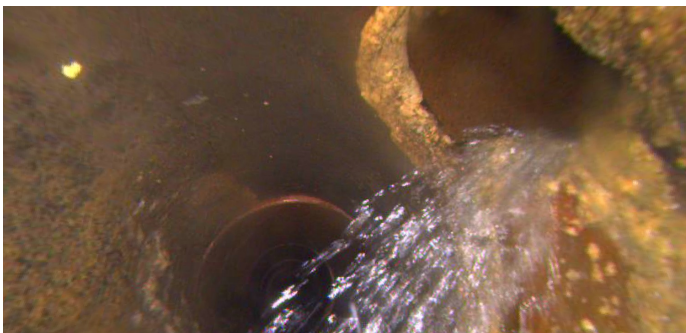
Distance (ft): **5.3**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



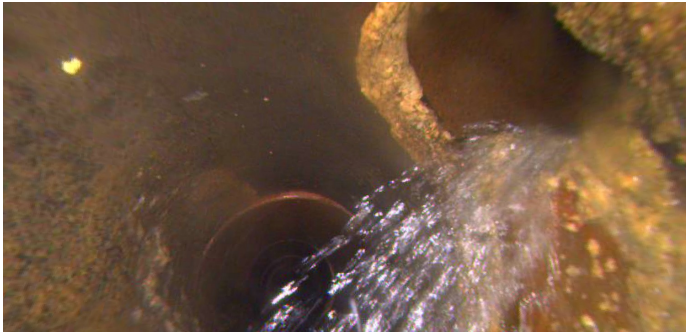
Distance (ft): **7.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **TBA**
Description: **Tap Break-in Active**



Distance (ft): **8.1**
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: **DAE**
Description: **Deposits Attached Encrustation**



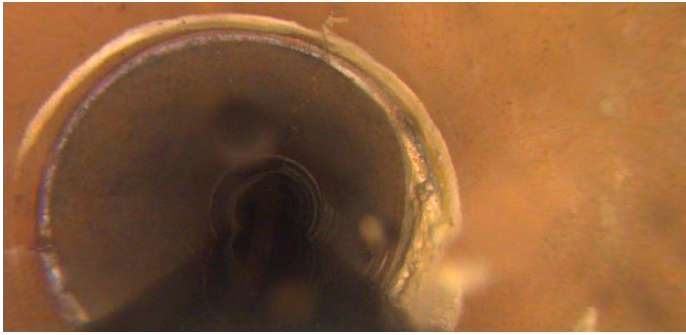
Distance (ft): **8.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **1**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **FL**
Description: **Fracture Longitudinal**



Distance (ft): **9.9**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:

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



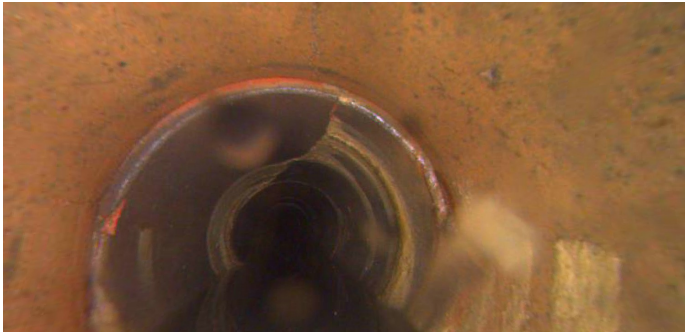
Distance (ft): **11.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **13.0**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks:

Code: **FL**
Description: **Fracture Longitudinal**



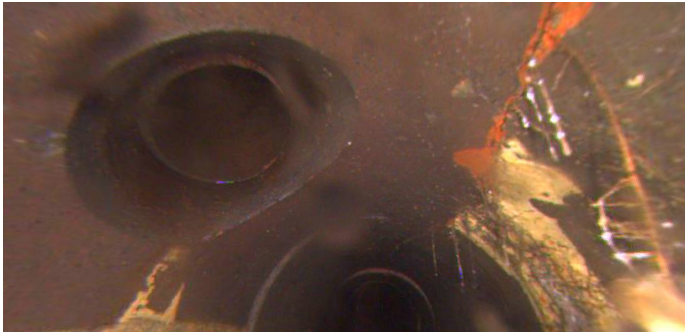
Distance (ft): **13.0**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:

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



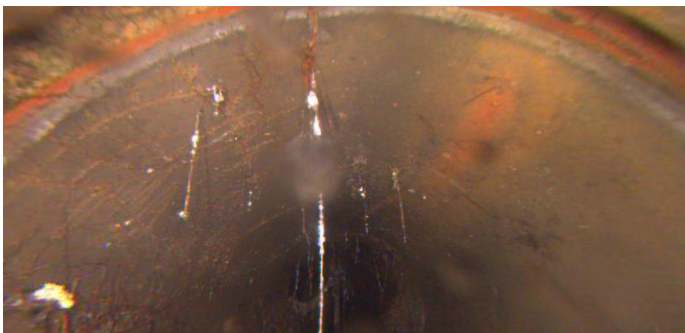
Distance (ft): **26.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **1**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



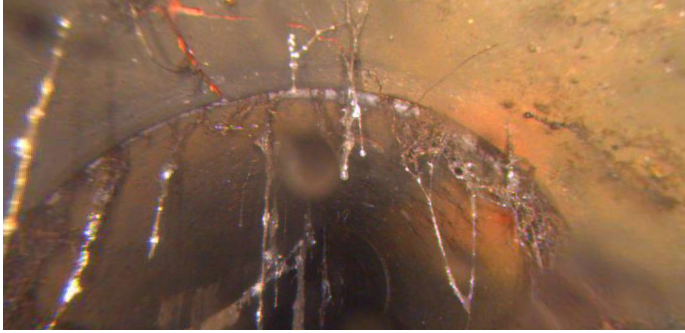
Distance (ft): **26.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **33.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **35.6**
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:

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



Distance (ft): **39.6**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **RMB**
Description: **Roots Medium Barrel**



Distance (ft): **40.7**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **41.4**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **40.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



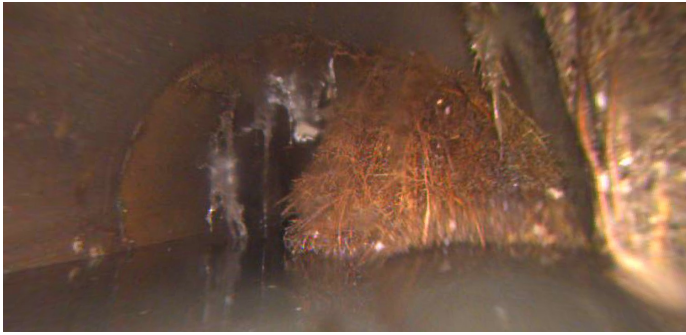
Distance (ft): **45.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **ROOTS**

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



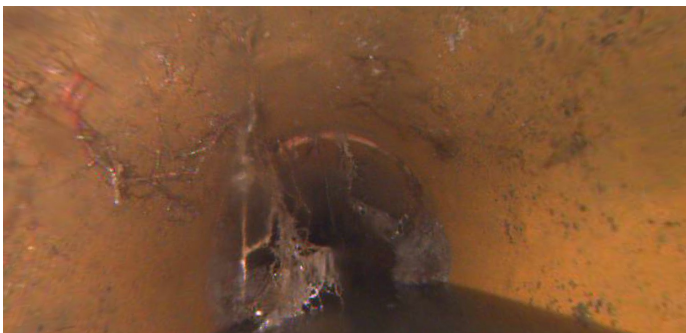
Distance (ft): **45.1**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **1**
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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

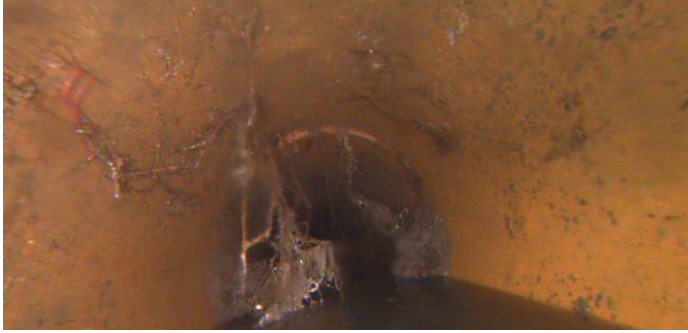


Distance (ft): **45.1**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **70.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **48.0**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks:



Code:	MSA
Description:	Abandoned Survey
Distance (ft):	48.0
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:	ROOTS