

Profile/Photo Observation Report




Date:	04/11/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	209.6	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Jen Costello	PSR:	P-603-001-049
Customer:		Clean Date:	01/01/1900	Shape:	C

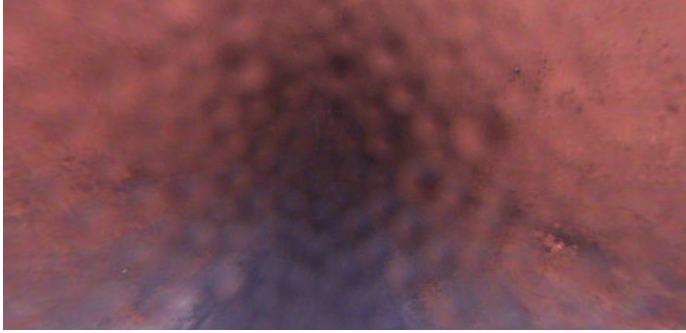
Street:	W 40TH PL	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Other	Tape/Media #:	
Purpose:	Not Known	Dia/Height:	10"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Downstream
US MH:	M-603-001	DS MH:	M-604-049
		Total Length Surveyed (ft):	118.4

O&M Index:	2.07	O&M Quick:	4535	O&M Rating:	56.00
Structural Index:	3.86	Structural Quick:	4631	Structural Rating:	27.00
Overall Index:	2.44	Overall Quick:	4A36	Overall Rating:	83.00

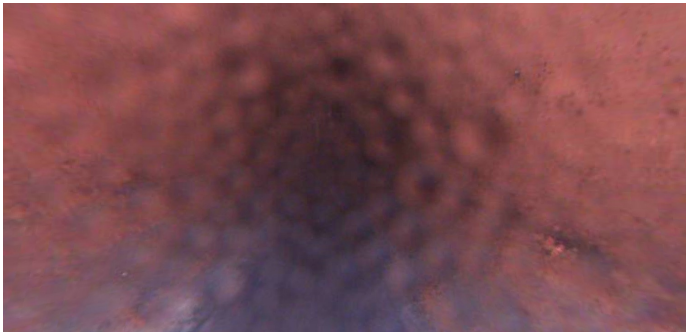
	Position	Code	Observation	Video (sec)	Grade
 Camera Direction	M-603-001				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	.0	MGO	General Observation	35	NA
	5.0	RMJ	Roots Medium Joint	56	M 3
	10.6	FM	Fracture Multiple	79	S 4
	10.6	RMB	Roots Medium Barrel	90	M 4
	14.6	RMJ	Roots Medium Joint	109	M 3
	20.2	IW	Infil Weeper	132	M 2
	20.2	FM	Fracture Multiple	143	S 4
	20.2	RFB	Roots Fine Barrel	154	M 2
	20.2	ID	Infil Dripper	165	M 3
	34.4	IS	Infil Stain	205	NA
	34.4	RFJ(S01)	Roots Fine Joint	216	M 1
	69.1	RFB	Roots Fine Barrel	297	M 2
	69.1	FM	Fracture Multiple	308	S 4
	74.1	MCU(S02)	Camera Underwater	330	M 4
	74.1	RFJ(F01)	Roots Fine Joint	341	M 1
	89.8	MCU(F02)	Camera Underwater	384	M 4
	89.8	RFJ(S03)	Roots Fine Joint	395	M 1
	92.8	RFB	Roots Fine Barrel	413	M 2
	92.8	FL	Fracture Longitudinal	424	S 3
	93.3	RMJ	Roots Medium Joint	436	M 3
	100.9	FM(S04)	Fracture Multiple	463	S 4
	116.7	FM(F04)	Fracture Multiple	506	S 4
	116.7	RFJ(F03)	Roots Fine Joint	518	M 1
	116.7	RMJ	Roots Medium Joint	529	M 3
	117.3	RMB	Roots Medium Barrel	544	M 4
	118.4	MSA	Abandoned Survey	562	NA
	M-604-049				

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

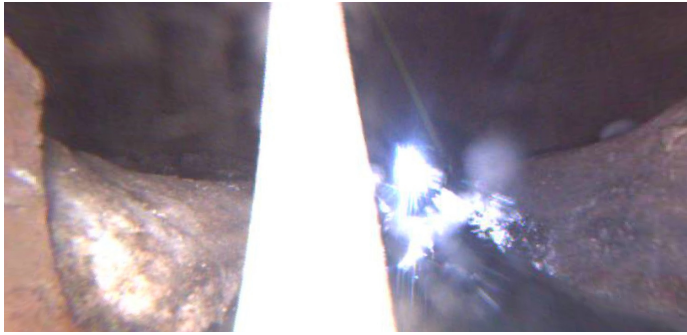


Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **M-603-001**

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:

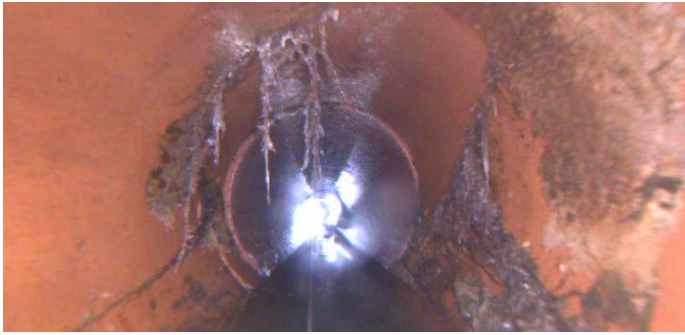


Code:	MGO
Description:	General Observation
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	rear camera



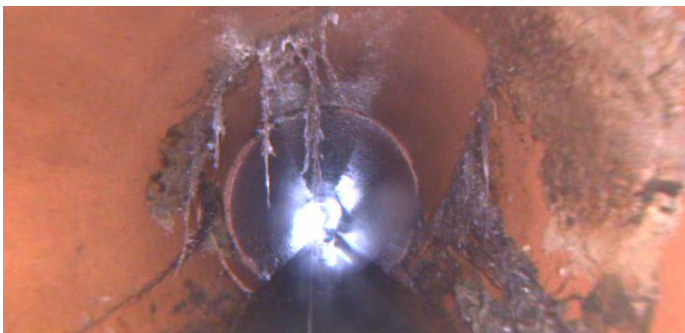
Code:	RMJ
Description:	Roots Medium Joint
Distance (ft):	5.0
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

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



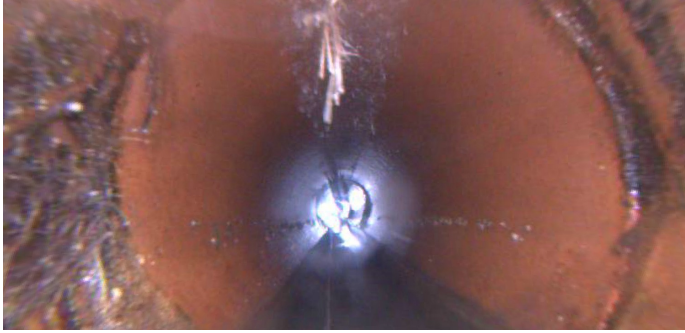
Distance (ft): **10.6**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



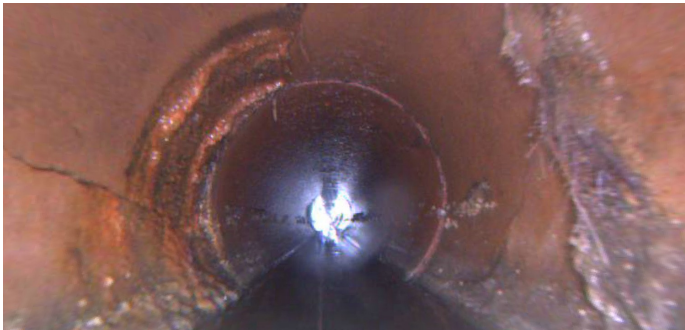
Distance (ft): **10.6**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



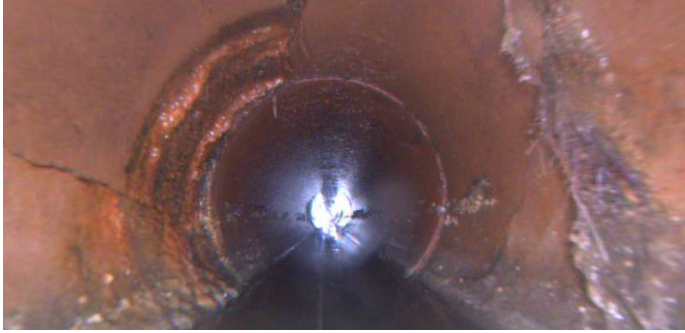
Distance (ft): **14.6**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



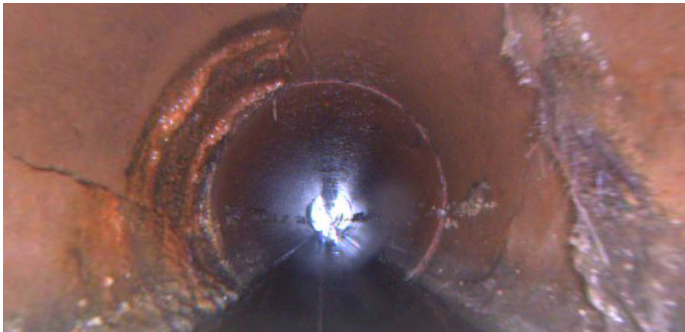
Distance (ft): **20.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **12**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



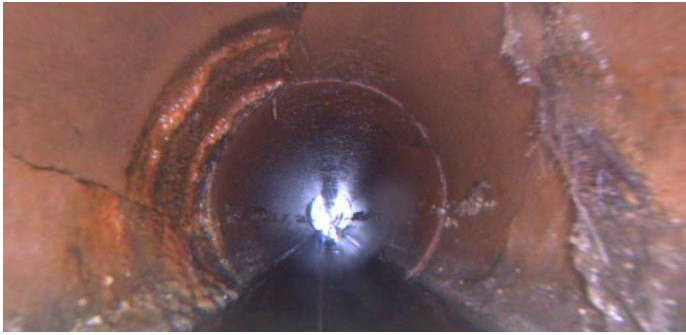
Distance (ft): **20.2**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



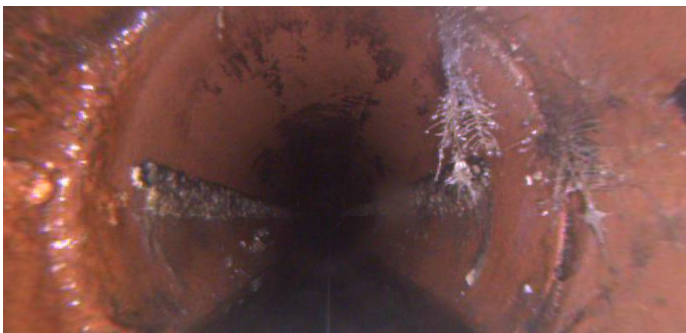
Distance (ft): **20.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: ID
Description: Infil Dripper



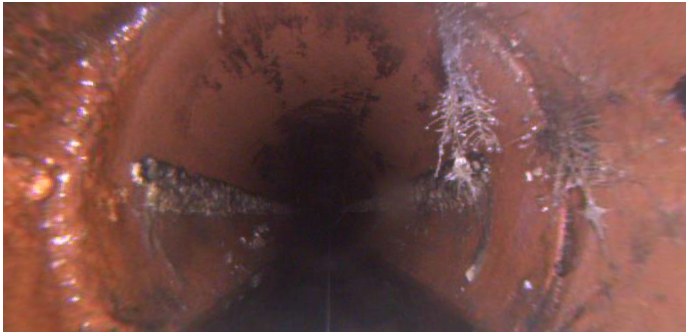
Distance (ft): 20.2
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 12
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: YES
Remarks:

Code: IS
Description: Infil Stain



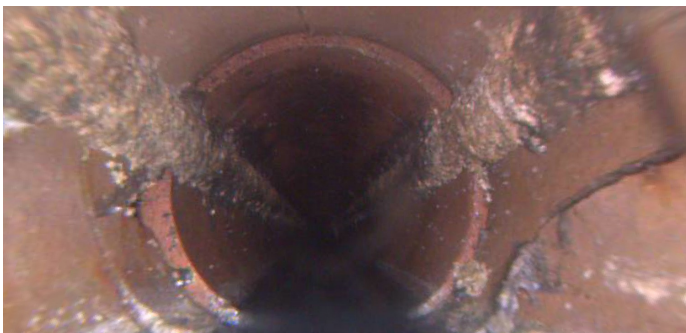
Distance (ft): 34.4
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 12
Clock To: 4
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: YES
Remarks:

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



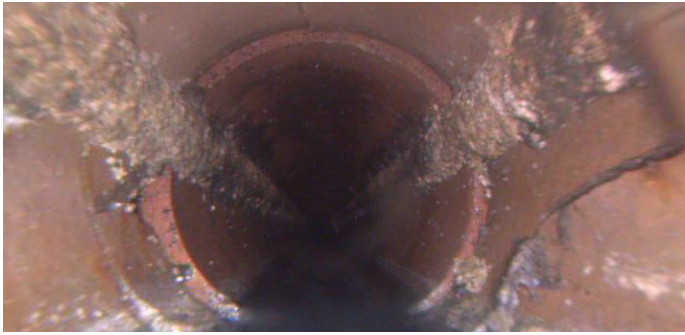
Distance (ft): **34.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **69.1**
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: **NO**
Remarks:

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



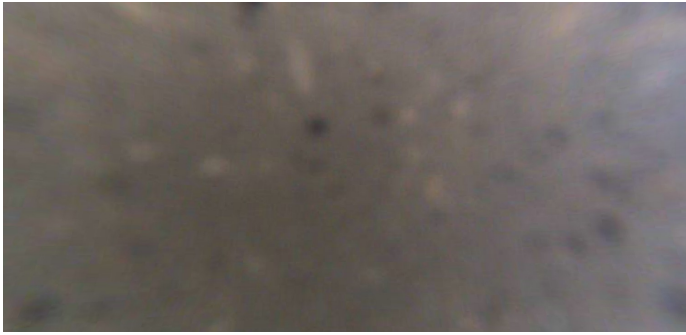
Distance (ft): **69.1**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **MCU**
Description: **Camera Underwater**



Distance (ft): **74.1**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **74.1**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:

Code: **MCU**
Description: **Camera Underwater**



Distance (ft): **89.8**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **89.8**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S03**
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **92.8**
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: **FL**
Description: **Fracture Longitudinal**



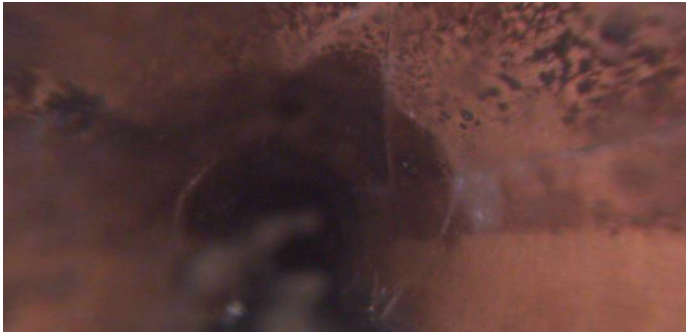
Distance (ft): **92.8**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **93.3**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **12**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



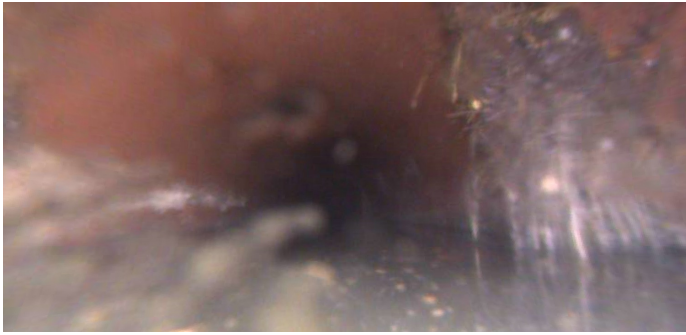
Distance (ft): **100.9**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S04**
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **116.7**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F04**
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **116.7**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F03**
Within 8" of Joint: **YES**
Remarks:

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



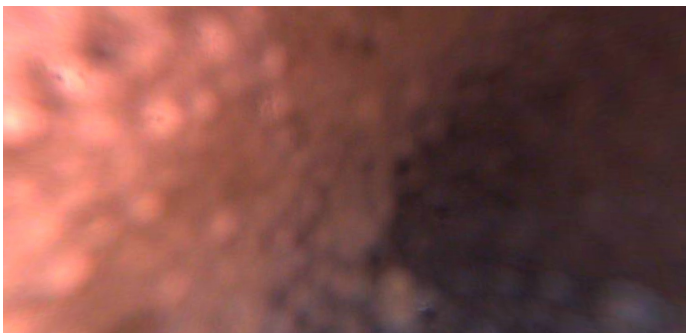
Distance (ft): **116.7**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **12**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **117.3**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **12**
Clock To: **6**
1st Value:
2nd Value:
Value Percent: **40.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **118.4**
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**