

Profile/Photo Observation Report

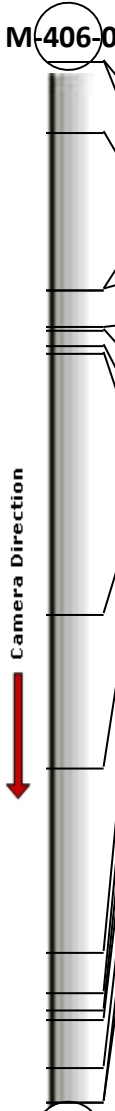


Date:	04/10/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	273.2	Owner:	NA	Pre Clean:	No Pre-Cleaning
P.O.#:		Surveyor:	Mark Ruby	PSR:	P-406-002-LS006
Customer:		Clean Date:	01/01/1900	Shape:	C

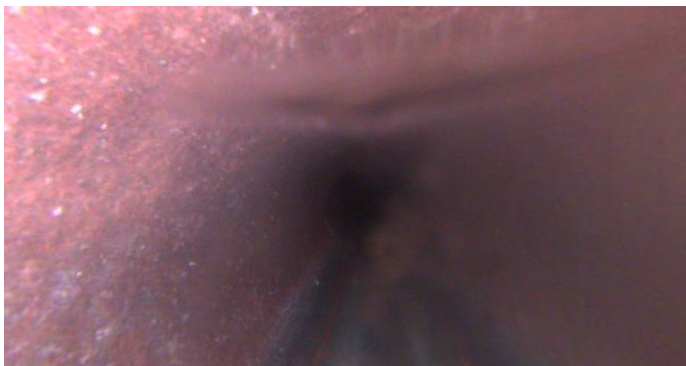
Street:	S WABASH PL	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Yard	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	10"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Downstream
US MH:	M-406-002	DS MH:	M-505-089
		Total Length Surveyed (ft):	271.4

O&M Index:	2.75	O&M Quick:	4325	O&M Rating:	22.00
Structural Index:	3.20	Structural Quick:	4322	Structural Rating:	16.00
Overall Index:	2.92	Overall Quick:	4627	Overall Rating:	38.00

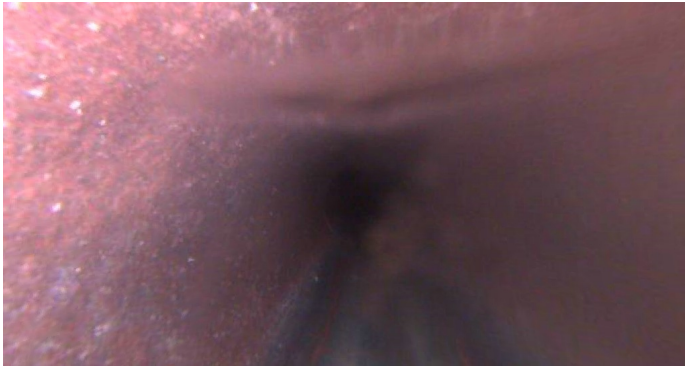
	Position	Code	Observation	Video (sec)	Grade
M-406-002					
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	18.3	CL	Crack Longitudinal	69	S 2
	59.4	FM	Fracture Multiple	163	S 4
	59.5	DAZ	Deposits Attached Other	175	M 2
	69.3	DAZ	Deposits Attached Other	207	M 2
	70.2	FM	Fracture Multiple	220	S 4
	73.9	TF	Tap Factory	241	NA
	75.9	TF	Tap Factory	260	NA
	144.4	DAZ	Deposits Attached Other	411	M 2
	184.1	IW	Infil Weeper	502	M 2
	232.2	CL	Crack Longitudinal	610	S 2
	243.1	FM	Fracture Multiple	644	S 4
	247.5	RMB	Roots Medium Barrel	664	M 4
	250.1	DAZ	Deposits Attached Other	681	M 2
	262.6	MCU(S01)	Camera Underwater	719	M 4
	271.4	MCU(F01)	Camera Underwater	752	M 4
	271.4	MSA	Abandoned Survey	763	NA
M-505-089					

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-406-002**

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:	10.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

Code:	CL
Description:	Crack Longitudinal



Distance (ft):	18.3
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	9
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

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



Distance (ft): **59.4**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **DAZ**
Description: **Deposits Attached Other**



Distance (ft): **59.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **8**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **DAZ**
Description: **Deposits Attached Other**



Distance (ft): **69.3**
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: **NO**
Remarks:

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



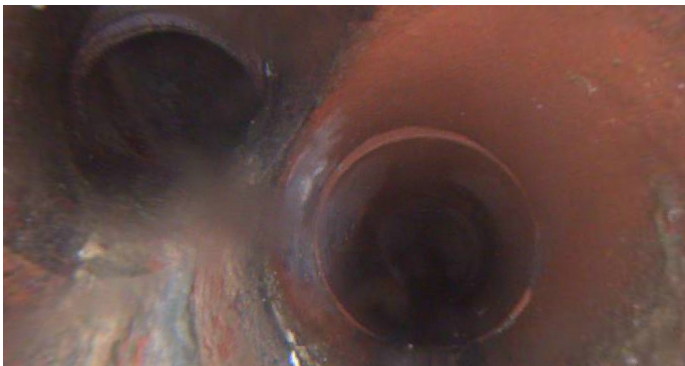
Distance (ft): **70.2**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **73.9**
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: **TF**
Description: **Tap Factory**



Distance (ft): **75.9**
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: **Photo taken from rear camera.**

Code: **DAZ**
Description: **Deposits Attached Other**



Distance (ft): **144.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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

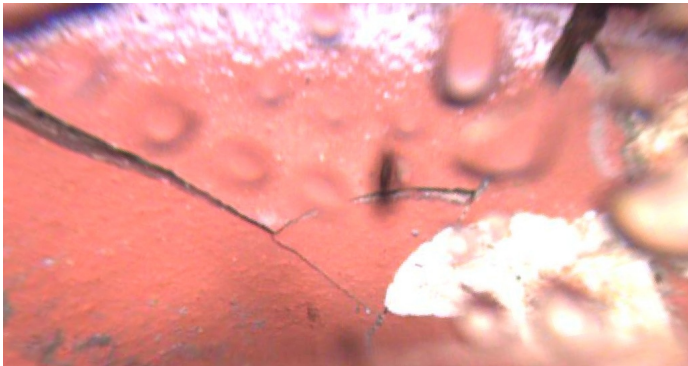


Distance (ft): **184.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **9**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **232.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **8**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:



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

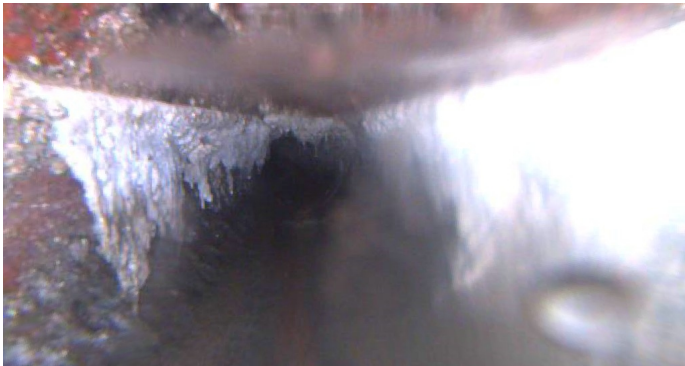
Distance (ft): **243.1**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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

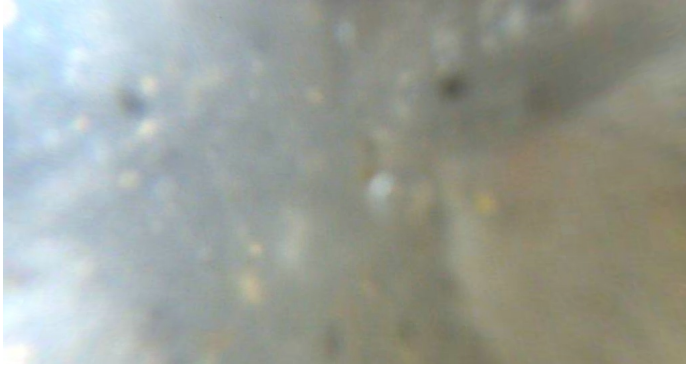


Distance (ft): **247.5**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **DAZ**
Description: **Deposits Attached Other**

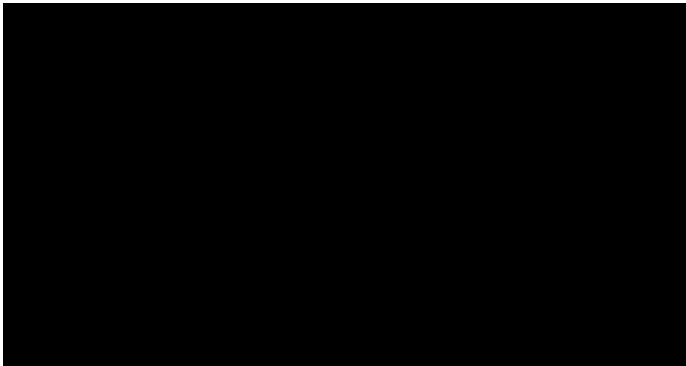


Distance (ft): **250.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



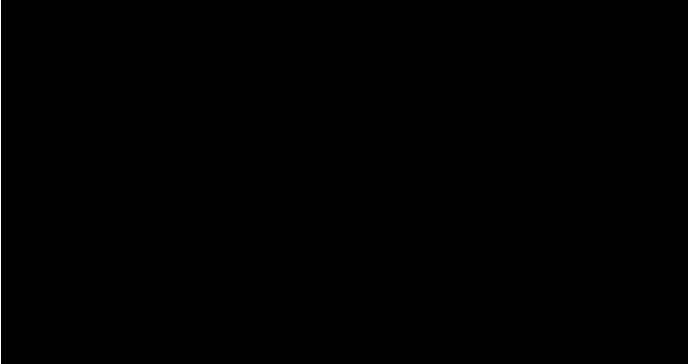
Code: **MCU**
Description: **Camera Underwater**

Distance (ft): **262.6**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **271.4**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks:



Code:	MSA
Description:	Abandoned Survey
Distance (ft):	271.4
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:	MCU