

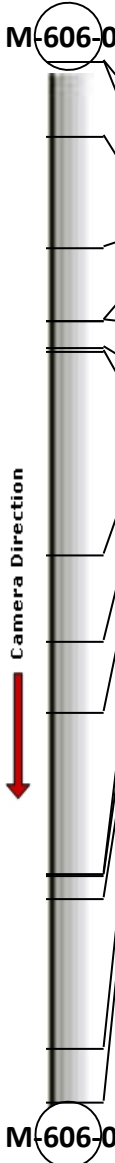
Profile/Photo Observation Report



Date:	04/08/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	217.7	Owner:	NA	Pre Clean:	No Pre-Cleaning
P.O.#:		Surveyor:	Mark Ruby	PSR:	P-606-079-078
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	S CONNECTICUT ST	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:	Upstream
US MH:	M-606-078	DS MH:	M-606-079
		Total Length Surveyed (ft):	77.3

O&M Index:	2.30	O&M Quick:	4227	O&M Rating:	23.00
Structural Index:	4.00	Structural Quick:	4100	Structural Rating:	4.00
Overall Index:	2.45	Overall Quick:	4327	Overall Rating:	27.00

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	5.6	TF	Tap Factory	46	NA
	13.8	IW	Infil Weeper	76	M 2
	19.2	TFD	Tap Factory Defective	101	M 2
	19.2	RFL	Roots Fine Lateral	112	M 1
	21.2	FM	Fracture Multiple	129	S 4
	21.6	TBI	Tap Break-in Intruding	142	M 2
	36.6	DAE	Deposits Attached Encrustation	184	M 2
	43.0	DAE	Deposits Attached Encrustation	210	M 2
	48.4	DAE	Deposits Attached Encrustation	235	M 2
	60.3	RBJ	Roots Ball Joint	270	M 4
	60.5	TF	Tap Factory	282	NA
	62.2	RBJ	Roots Ball Joint	298	M 4
	73.3	DAE	Deposits Attached Encrustation	333	M 2
	77.3	MSA	Abandoned Survey	357	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-606-079**

Code:	MWL
Description:	Water Level



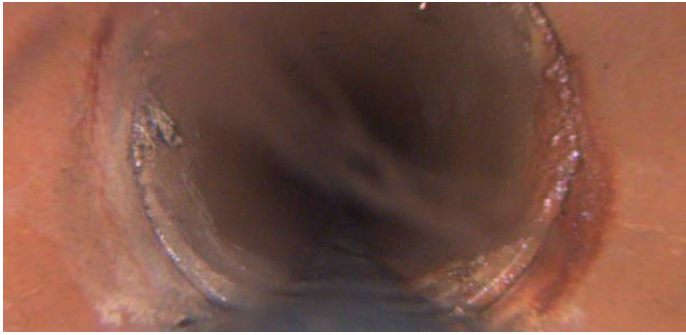
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

Code:	TF
Description:	Tap Factory



Distance (ft):	5.6
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: **IW**
Description: **Infil Weeper**

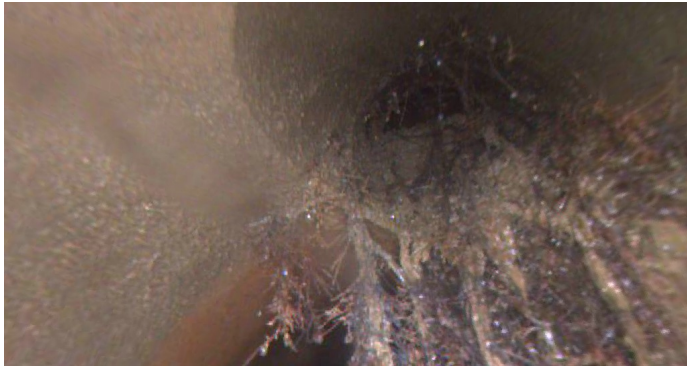


Distance (ft): **13.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **19.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **11**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **RFL**



Code: **RFL**
Description: **Roots Fine Lateral**

Distance (ft): **19.2**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **11**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **21.2**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



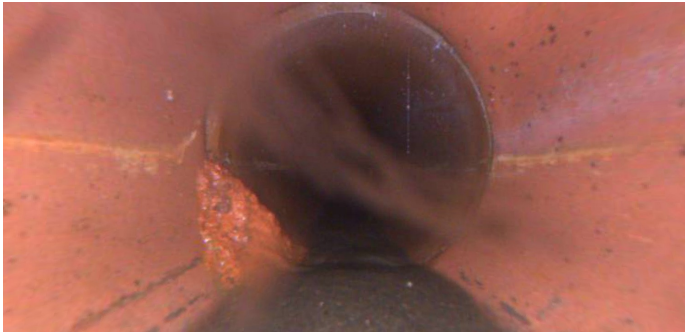
Distance (ft): **21.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **12**
Clock To:
1st Value: **4.000**
2nd Value: **1.000**
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



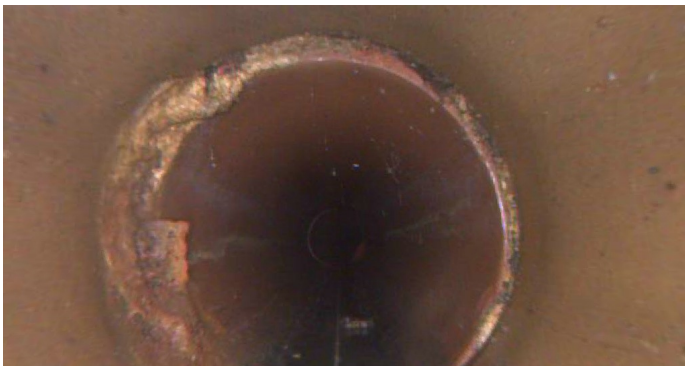
Distance (ft): **36.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **43.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **9**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **48.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **12**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **60.3**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent: **95.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



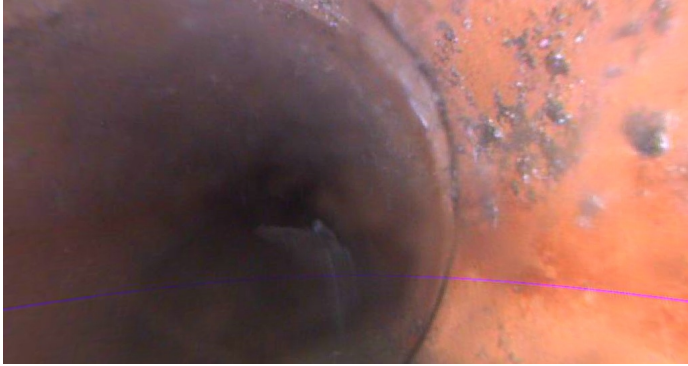
Distance (ft): **60.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:



Code:	RBJ
Description:	Roots Ball Joint
Distance (ft):	62.2
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	5
Clock To:	7
1st Value:	
2nd Value:	
Value Percent:	60.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	DAE
Description:	Deposits Attached Encrustation
Distance (ft):	73.3
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:	YES
Remarks:	



Code:	MSA
Description:	Abandoned Survey
Distance (ft):	77.3
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:	No blockage