

Profile/Photo Observation Report

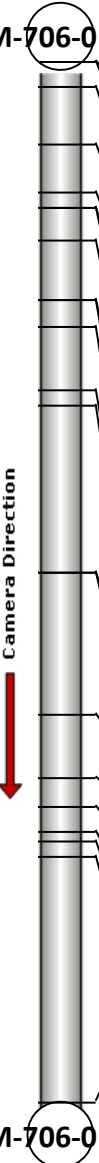


Date:	04/20/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	194.5	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Byrd Fitzgerald	PSR:	P-706-011.2-011.1
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	Capitol	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Light Highway	Tape/Media #:	
Purpose:	Maintenance Related	Dia/Height:	12"
Use:	Sanitary	Material:	PVC
Drain Area:	NA	Lining:	Cured in Place
Category:	NA		
Comment:	unknown rollover at 120'. flow incorrect.		

Location Details:		Direction of Survey:	Downstream
US MH:	M-706-011.1	DS MH:	M-706-011.2
		Total Length Surveyed (ft):	121.1

O&M Index:	2.80	O&M Quick:	3A21	O&M Rating:	42.00
Structural Index:	3.00	Structural Quick:	3100	Structural Rating:	3.00
Overall Index:	2.81	Overall Quick:	3A21	Overall Rating:	45.00

	Position	Code	Observation	Video (sec)	Grade
M-706-011.1					
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	3.0	TF	Tap Factory	39	NA
	9.6	TF	Tap Factory	65	NA
	15.2	MMC	Material Change	88	NA
	16.9	RMJ	Roots Medium Joint	104	M 3
	16.9	RFJ	Roots Fine Joint	116	M 1
	20.8	RMJ	Roots Medium Joint	136	M 3
	27.7	TBD	Tap Break-in Defective	162	M 3
	27.7	RMC	Roots Medium Connection	173	M 3
	30.9	RMJ(S01)	Roots Medium Joint	191	M 3
	38.3	TFC	Tap Factory Capped	217	NA
	40.1	TFC	Tap Factory Capped	233	NA
	59.4	TB	Tap Break-in	285	NA
	59.4	TB	Tap Break-in	298	NA
	75.9	RMJ(F01)	Roots Medium Joint	344	M 3
	83.4	TF	Tap Factory	371	NA
	86.6	TFC	Tap Factory Capped	389	NA
	89.6	DAZ	Deposits Attached Other	406	M 2
	90.8	H	Hole	422	S 3
	92.6	TB	Tap Break-in	439	NA
	121.1	MSA	Abandoned Survey	508	NA
M-706-011.2					

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



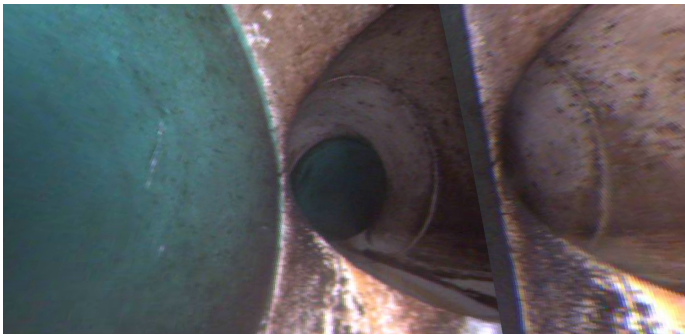
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **M-706-011.1**

Code:	MWL
Description:	Water Level



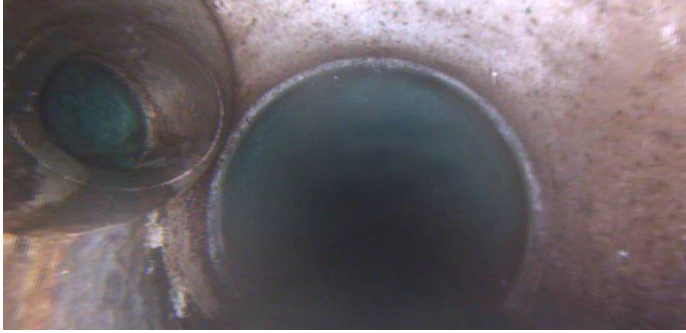
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

Code:	TF
Description:	Tap Factory



Distance (ft):	3.0
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:	YES
Remarks:	

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



Distance (ft): **9.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **MMC**
Description: **Material Change**



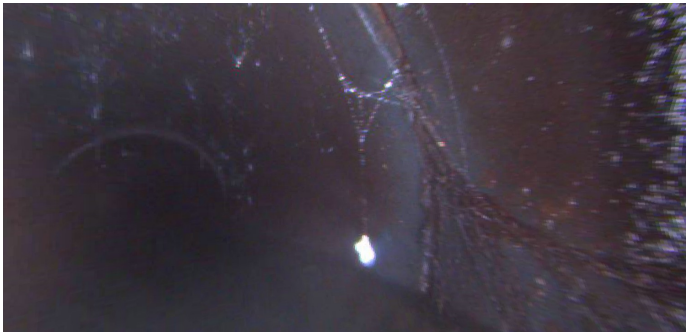
Distance (ft): **15.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **vcp**

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



Distance (ft): **16.9**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **16.9**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **3**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



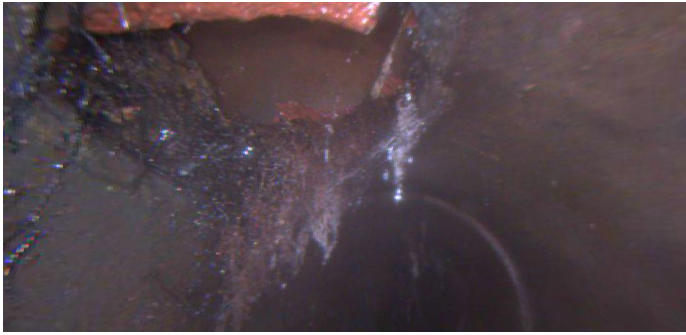
Distance (ft): **20.8**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **9**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



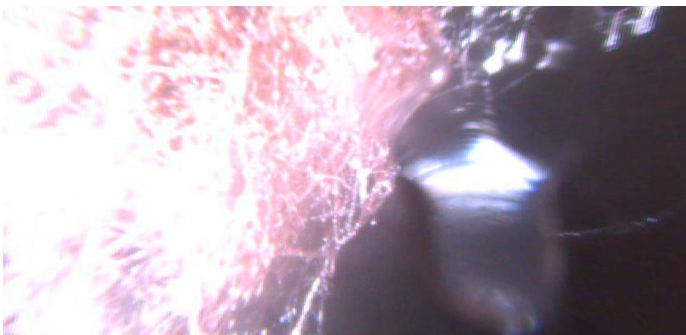
Distance (ft): **27.7**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **11**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **tap broken**

Code: **RMC**
Description: **Roots Medium Connection**



Distance (ft): **27.7**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **around tap**

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



Distance (ft): **30.9**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks: **wandering**

Code: **TFC**
Description: **Tap Factory Capped**



Distance (ft): **38.3**
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: **YES**
Remarks:

Code: **TFC**
Description: **Tap Factory Capped**



Distance (ft): **40.1**
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: **YES**
Remarks: **capped or blocked???**

Code: **TB**
Description: **Tap Break-in**



Distance (ft): **59.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **TB**
Description: **Tap Break-in**



Distance (ft): **59.4**
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: **YES**
Remarks:

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



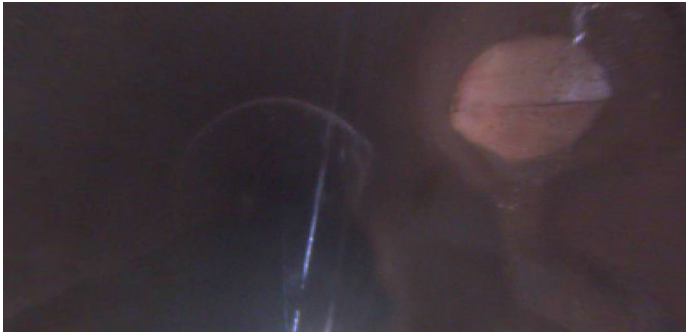
Distance (ft): **75.9**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



Distance (ft): **83.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **TFC**
Description: **Tap Factory Capped**



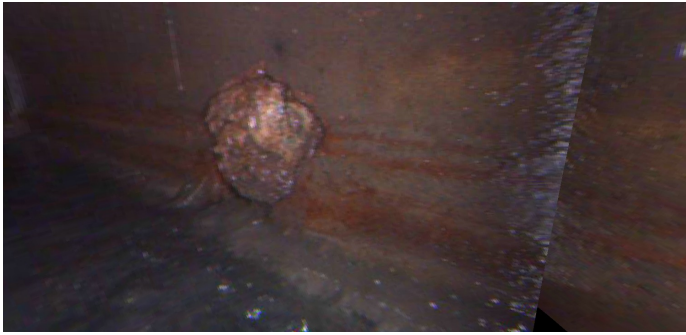
Distance (ft): **86.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



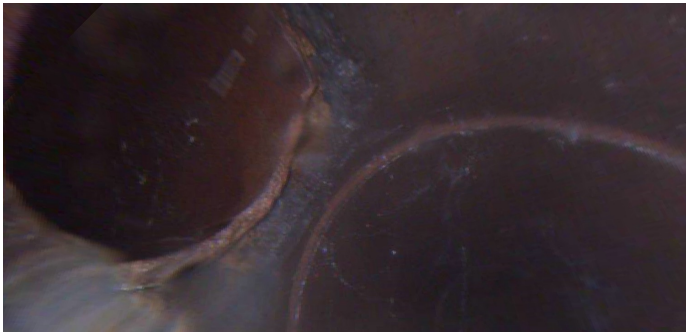
Distance (ft): **89.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **mud?**

Code: **H**
Description: **Hole**

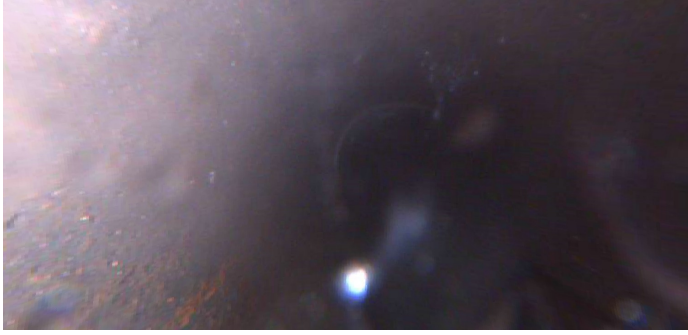


Distance (ft): **90.8**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **7**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **TB**
Description: **Tap Break-in**



Distance (ft): **92.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code:	MSA
Description:	Abandoned Survey
Distance (ft):	121.1
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