

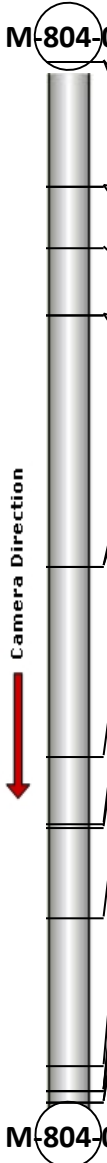
Profile/Photo Observation Report

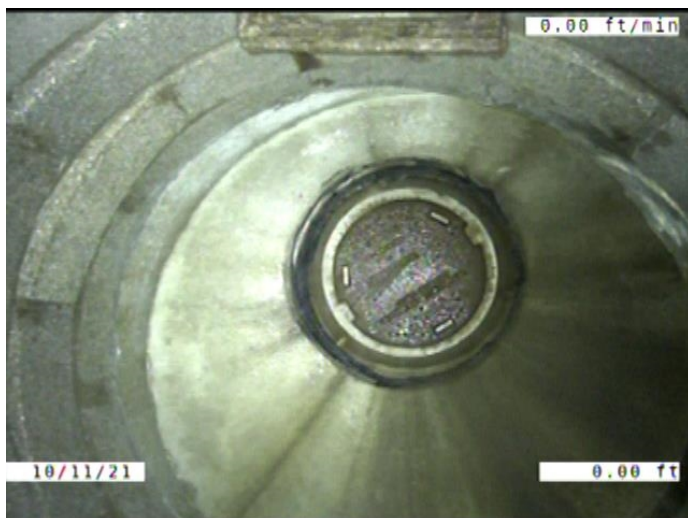


Date:	10/11/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	35.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-804-077-018
Customer:	City of Hobart	Clean Date:	10/09/2021	Shape:	C

Street:	East Home Avenue	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Local rural streets with light traffic, t	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	12"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Upstream
US MH:	M-804-018	DS MH:	M-804-077
		Total Length Surveyed (ft):	34.0

O&M Index:	1.33	O&M Quick:	2112	O&M Rating:	4.00
Structural Index:	3.15	Structural Quick:	5142	Structural Rating:	41.00
Overall Index:	2.81	Overall Quick:	5142	Overall Rating:	45.00

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	93	NA
	4.1	CM	Crack Multiple	161	S 3
	4.1	JAM	Joint Angular Medium	170	S 3
	6.1	DAE	Deposits Attached Encrustation	207	M 2
	8.3	JAM(S01)	Joint Angular Medium	237	S 3
	8.3	LR	Line Right	254	M 1
	16.5	JAL	Joint Angular Large	319	S 4
	16.5	LL	Line Left	341	M 1
	22.7	SZ	Surface Damage Other	380	NA
	24.9	SMW	Surface Damage Missing Wall	446	S 5
	25.0	MWLS(S02)	Miscellaneous Water Level Sag	469	S 2
	28.0	B	Broken	519	S 4
	32.8	FS	Fracture Spiral	621	S 3
	33.6	MSC	Miscellaneous Shape/Size Change	662	NA
	33.6	JAM(F01)	Joint Angular Medium	673	S 3
	33.6	MWLS(F02)	Miscellaneous Water Level Sag	681	S 2
	34.0	MGO	Miscellaneous General Observation	714	NA
	34.0	MSA	Miscellaneous Survey Abandoned	722	NA
<div> <div>M-804-077</div> <div>M-804-018</div> </div>					

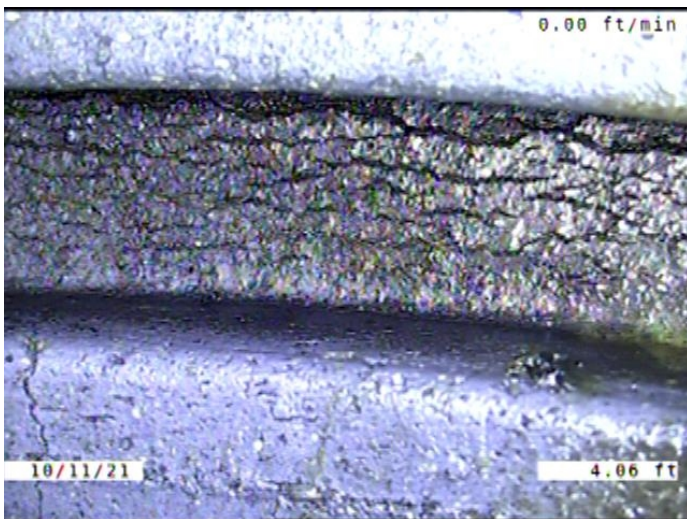


Code: **AMH**
 Description: **Manhole**

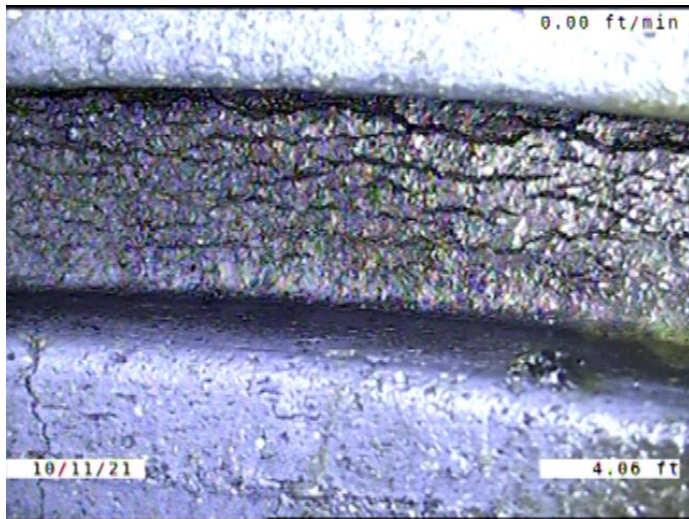
 Distance (ft): **.0**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks: **M-804-077**



Code:	MWL
Description:	Miscellaneous 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:	

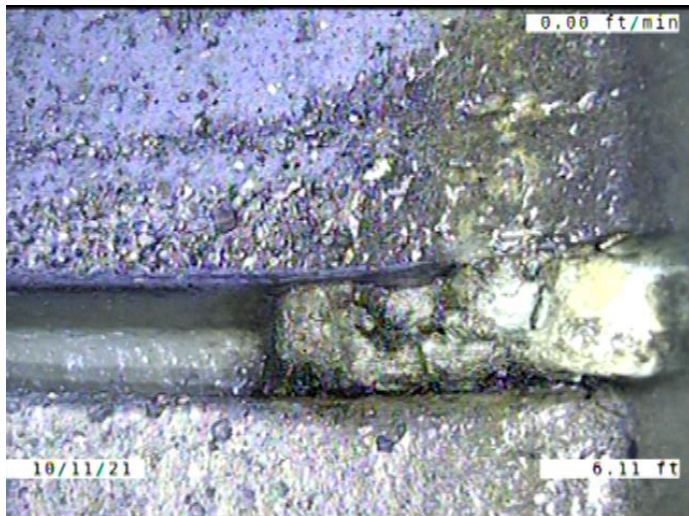


Code:	CM
Description:	Crack Multiple
Distance (ft):	4.1
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	12
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



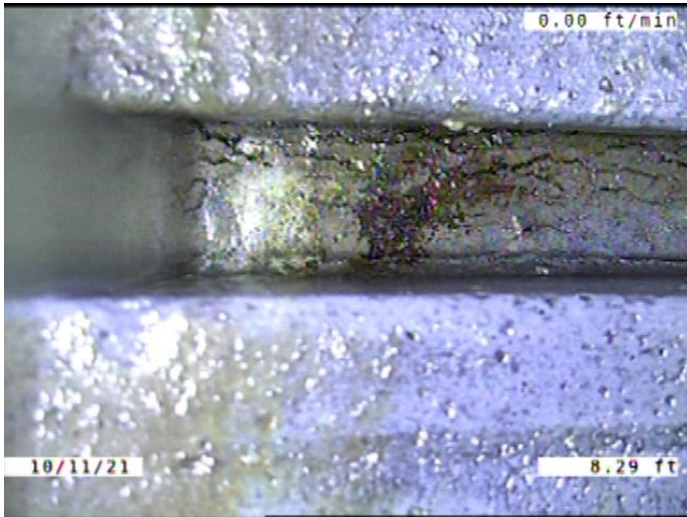
Code: **JAM**
 Description: **Joint Angular Medium**

Distance (ft): **4.1**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



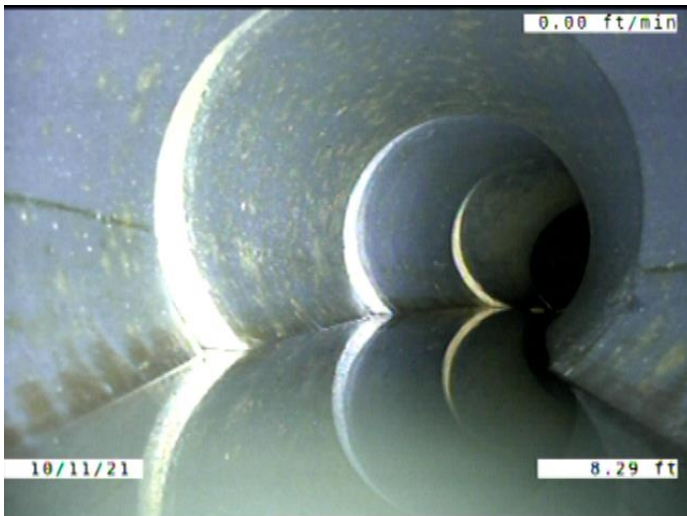
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **6.1**
 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: **YES**
 Remarks:



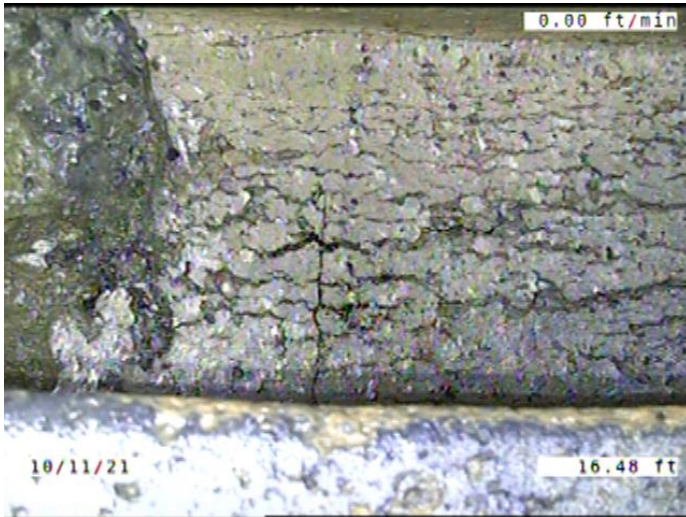
Code: **JAM**
 Description: **Joint Angular Medium**

Distance (ft): **8.3**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **S01**
 Within 8" of Joint: **NO**
 Remarks:



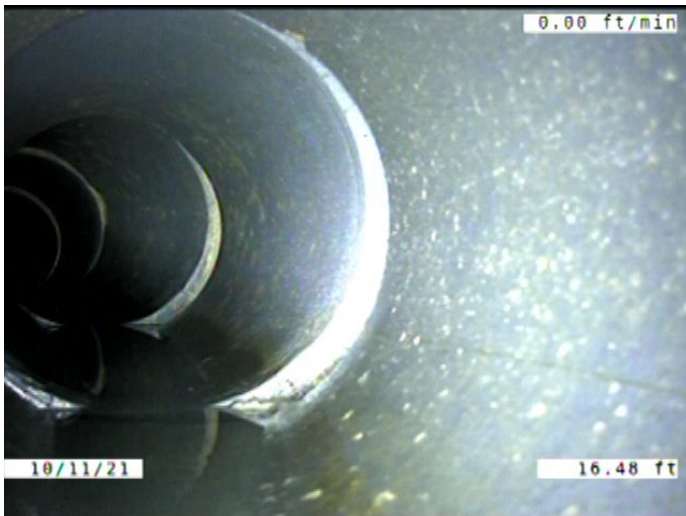
Code: **LR**
 Description: **Line Right**

Distance (ft): **8.3**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



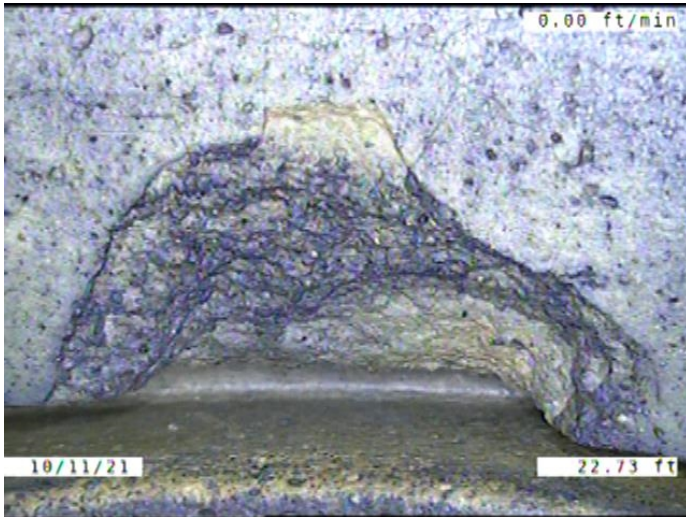
Code: **JAL**
 Description: **Joint Angular Large**

Distance (ft): **16.5**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



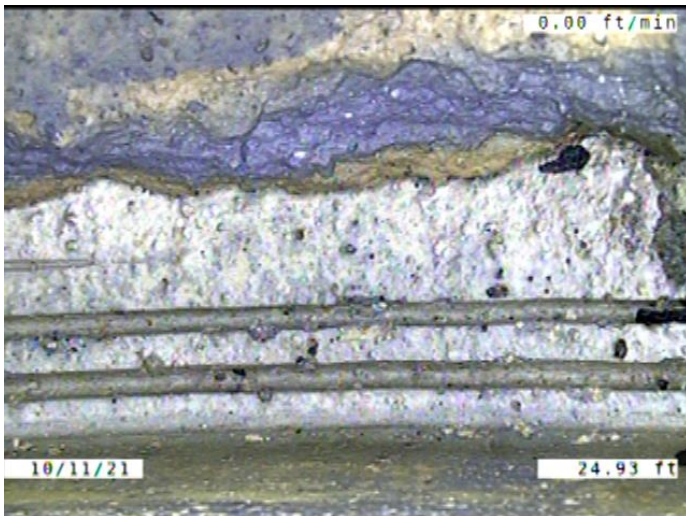
Code: **LL**
 Description: **Line Left**

Distance (ft): **16.5**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code: **SZ**
 Description: **Surface Damage Other**

Distance (ft): **22.7**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **2**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **A PIECE CHIPPED AWAY FROM THE JOINT**



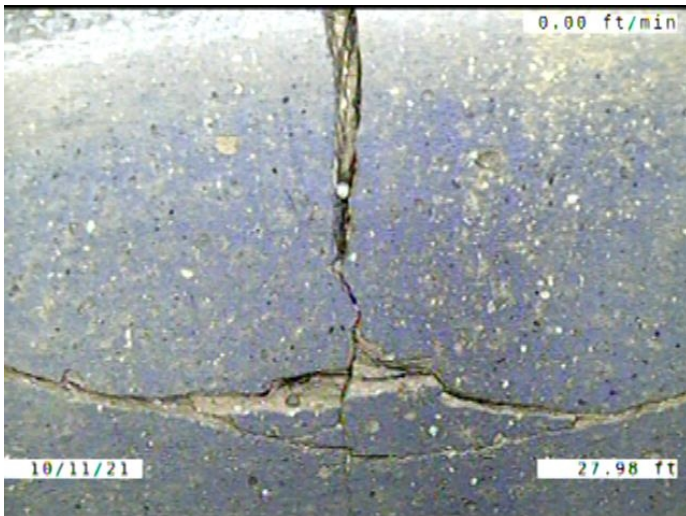
Code: **SMW**
 Description: **Surface Damage Missing Wall**

Distance (ft): **24.9**
 Structural Grade: **5**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **INSIDE OF THE JOINT**



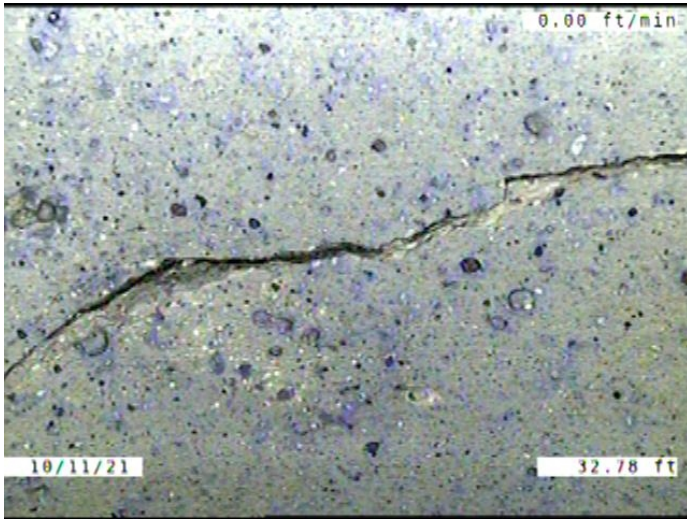
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **25.0**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **20.000**
 Continuous Index: **S02**
 Within 8" of Joint: **NO**
 Remarks:



Code: **B**
 Description: **Broken**

Distance (ft): **28.0**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **FS**
 Description: **Fracture Spiral**

Distance (ft): **32.8**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From: **9**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code: **MSC**
 Description: **Miscellaneous Shape/Size Change**

Distance (ft): **33.6**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value: **8.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



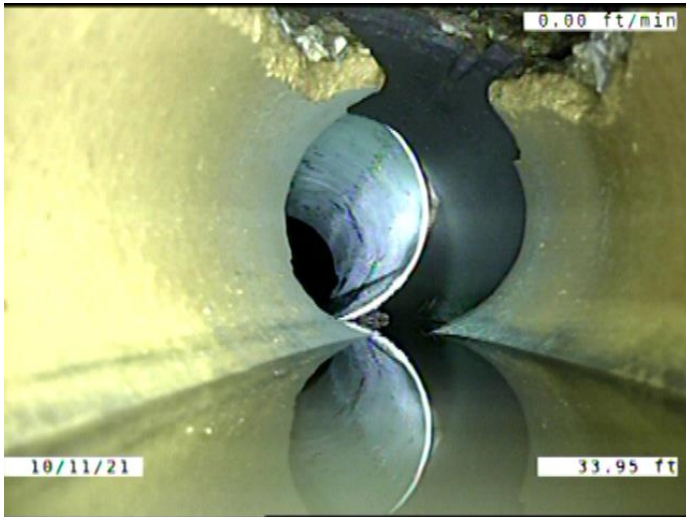
Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **33.6**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks:



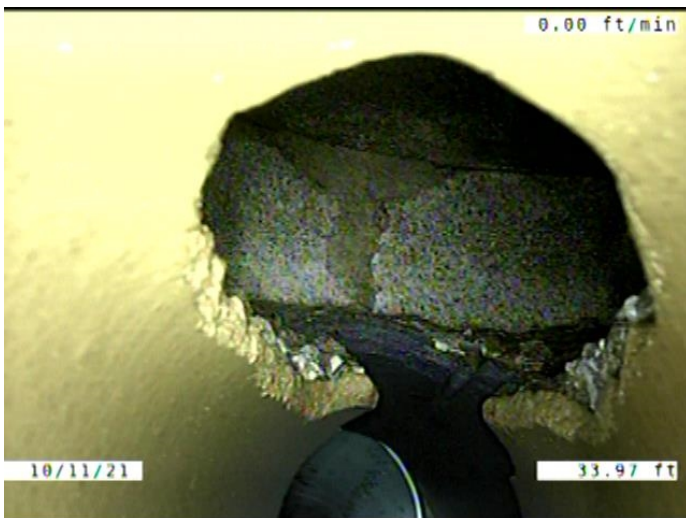
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **33.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:



Code: **MGO**
 Description: **Miscellaneous General Observation**

Distance (ft): **34.0**
 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: **PIPE IS 8" IN THE MANHOLE. CAMERA CANT MAKE IT INTO THE PI**



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

Distance (ft): **34.0**
 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: **CAMERA CANT FIT INTO 8" PIPE.**