

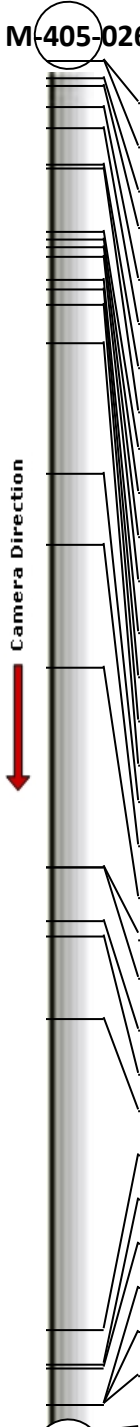
Profile/Photo Observation Report



Date:	04/20/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	273.0	Owner:	NA	Pre Clean:	No Pre-Cleaning
P.O.#:		Surveyor:	Byrd Fitzgerald	PSR:	P-405-026-025
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	DRIFTWOOD DR	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-405-026	DS MH:	M-405-025
		Total Length Surveyed (ft):	273.2

O&M Index:	2.07	O&M Quick:	4331	O&M Rating:	222.00
Structural Index:	0.00	Structural Quick:	0000	Structural Rating:	0.00
Overall Index:	2.07	Overall Quick:	4331	Overall Rating:	222.00

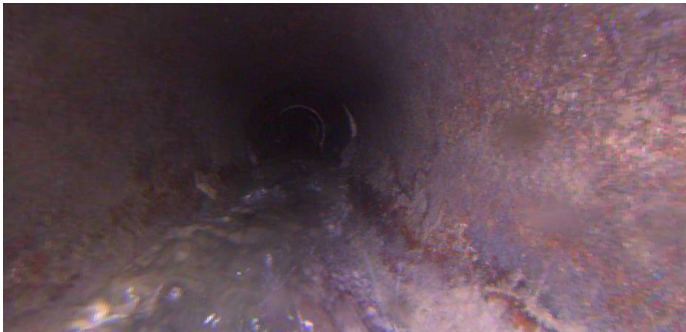
	Position	Code	Observation	Video (sec)	Grade
M-405-026					
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	3.6	RMJ	Roots Medium Joint	40	M 3
	6.7	MMC	Material Change	58	NA
	9.1	TF	Tap Factory	75	NA
	13.4	MMC	Material Change	98	NA
	20.7	RMJ(S01)	Roots Medium Joint	125	M 3
	21.4	RFJ(S02)	Roots Fine Joint	137	M 1
	35.7	MWL	Water Level	178	NA
	37.0	MMC	Material Change	193	NA
	38.8	TF	Tap Factory	209	NA
	40.6	MMC	Material Change	225	NA
	43.7	TFC	Tap Factory Capped	244	NA
	45.5	RMJ	Roots Medium Joint	260	M 3
	48.5	MCU(S03)	Camera Underwater	278	M 4
	56.3	MCU(F03)	Camera Underwater	305	M 4
	84.1	MMC	Material Change	373	NA
	98.2	MWL	Water Level	412	NA
	121.2	MMC	Material Change	471	NA
	162.4	DAE	Deposits Attached Encrustation	565	M 2
	162.4	MWL	Water Level	576	NA
	171.6	DAE	Deposits Attached Encrustation	606	M 2
	174.6	MMC	Material Change	624	NA
	192.8	MWL	Water Level	672	NA
	254.8	MWL	Water Level	808	NA
	261.7	MWL	Water Level	833	NA
	262.4	MCU	Camera Underwater	846	M 4
	269.6	MWL	Water Level	872	NA
	269.6	RFJ(F02)	Roots Fine Joint	883	M 1
	269.6	RMJ(F01)	Roots Medium Joint	894	M 3
	273.2	AMH	Manhole	913	NA
M-405-025					

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-405-026**

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



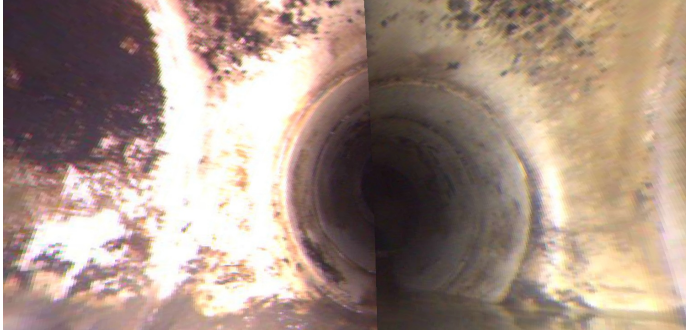
Distance (ft): **3.6**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **3**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



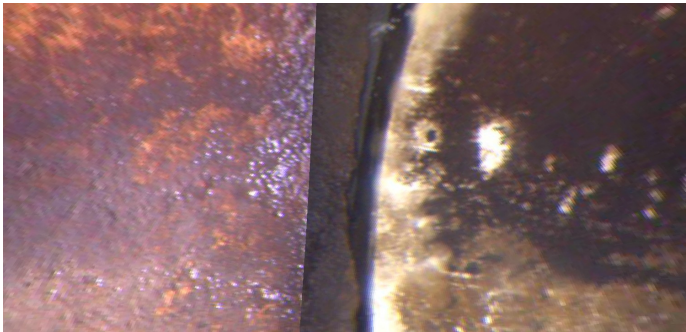
Distance (ft): **6.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **pvc**

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



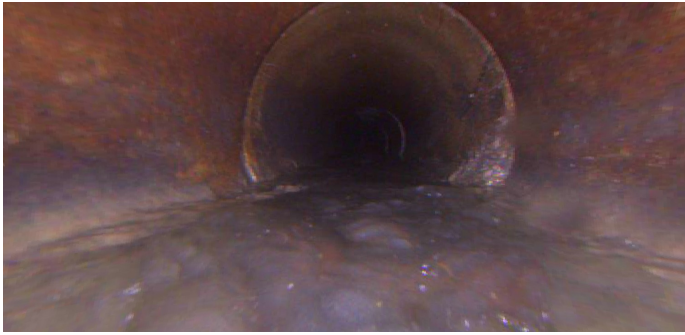
Distance (ft): **9.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **13.4**
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: **vcp**

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

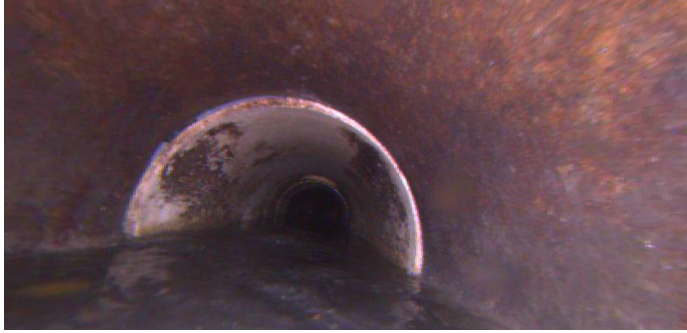


Distance (ft): **20.7**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **3**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



Distance (ft): **21.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks: **wandering**



Code:	MWL
Description:	Water Level
Distance (ft):	35.7
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	25.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



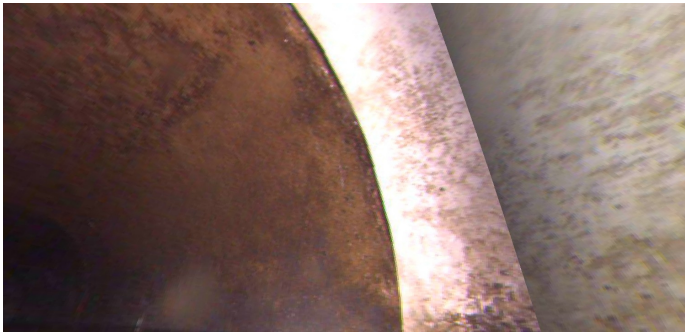
Code:	MMC
Description:	Material Change
Distance (ft):	37.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	pvc

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



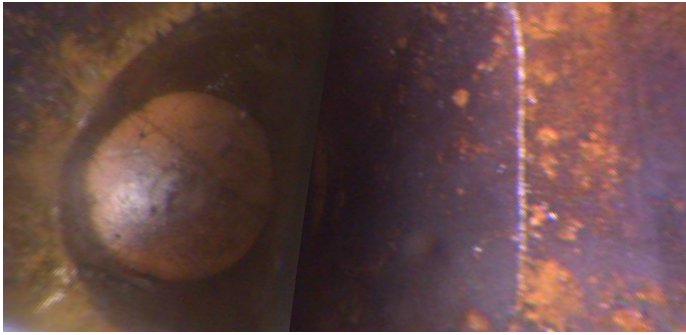
Distance (ft): **38.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **40.6**
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: **TFC**
Description: **Tap Factory Capped**



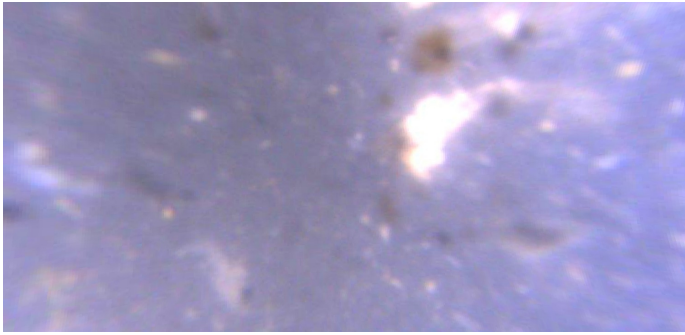
Distance (ft): **43.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



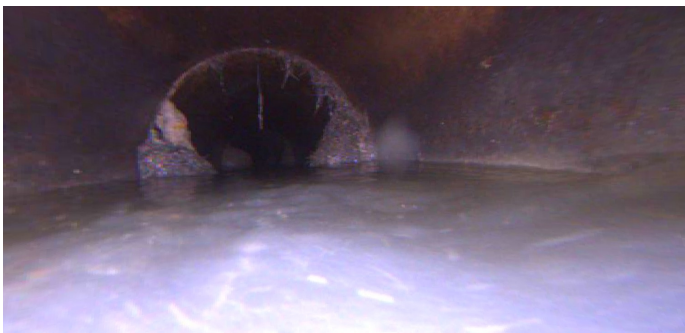
Distance (ft): **45.5**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **40.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



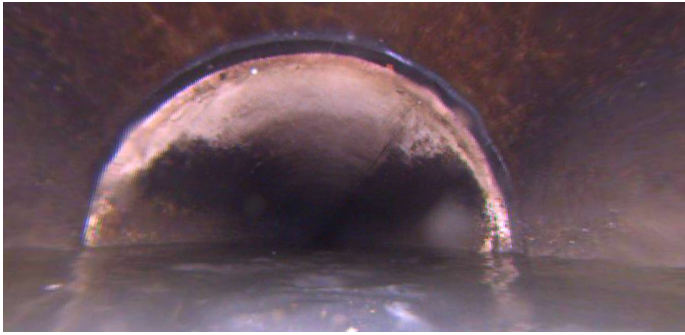
Distance (ft): **48.5**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S03**
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **56.3**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **84.1**
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: **pvc**

Code: **MWL**
Description: **Water Level**



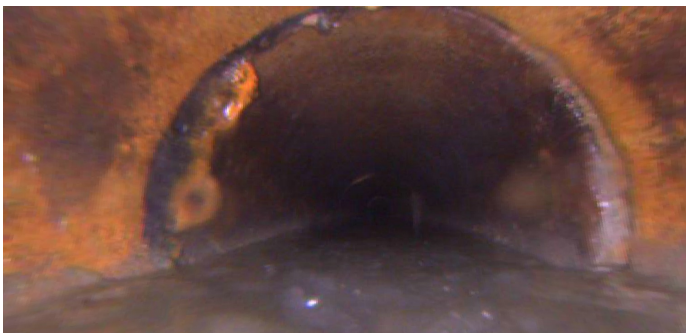
Distance (ft): **98.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **121.2**
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: **DAE**
Description: **Deposits Attached Encrustation**



Distance (ft): **162.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **10**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **MWL**
Description: **Water Level**



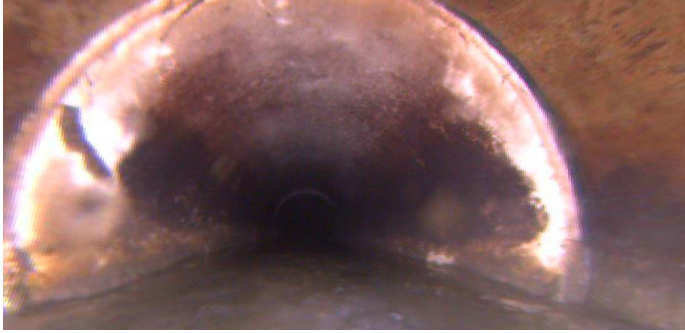
Distance (ft): **162.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **171.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **1**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **174.6**
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: **pvc**

Code: **MWL**
Description: **Water Level**



Distance (ft): **192.8**
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: **MWL**
Description: **Water Level**



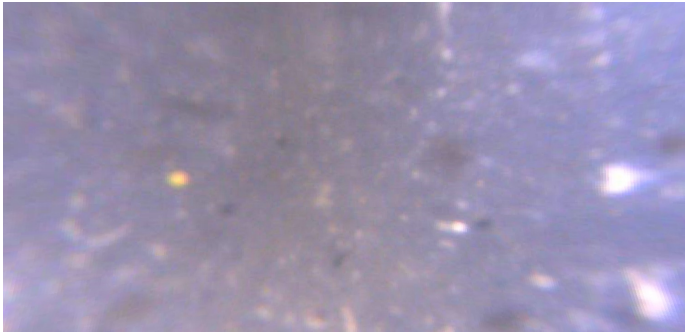
Distance (ft): **254.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **MWL**
Description: **Water Level**



Distance (ft): **261.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **50.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **262.4**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **MWL**
Description: **Water Level**



Distance (ft): **269.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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

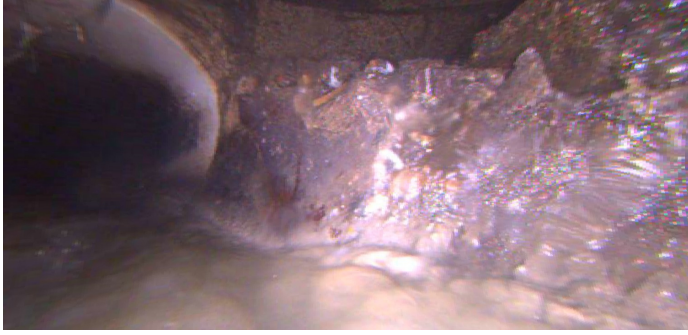


Distance (ft): **269.6**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



Distance (ft): **269.6**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **3**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks: **wandering**



Code:	AMH
Description:	Manhole
Distance (ft):	273.2
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:	M-405-025