

Profile/Photo Observation Report

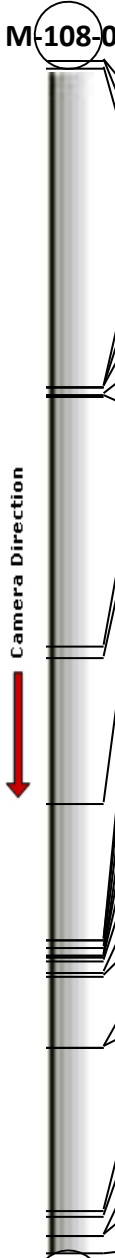


Date:	03/24/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	280.6	Owner:	NA	Pre Clean:	No Pre-Cleaning
P.O.#:		Surveyor:	Byrd Fitzgerald	PSR:	P-108-028-027
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	ALLEY BETWEEN SWIFT ST & ALABA	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Light Highway	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	10"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:	Flow direction wrong		

Location Details:		Direction of Survey:	Downstream
US MH:	M-108-027	DS MH:	M-108-028
		Total Length Surveyed (ft):	288.8

O&M Index:	2.08	O&M Quick:	4331	O&M Rating:	137.00
Structural Index:	3.95	Structural Quick:	4B31	Structural Rating:	75.00
Overall Index:	2.49	Overall Quick:	4C32	Overall Rating:	212.00

	Position	Code	Observation	Video (sec)	Grade
	M-108-027				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	1.7	DSZ(S01)	Deposits Settled Other	36	M 2
	78.9	TF	Tap Factory	202	NA
	78.9	DAZ	Deposits Attached Other	213	M 2
	79.1	MGO	General Observation	226	NA
	80.9	TF	Tap Factory	242	NA
	81.6	RPP	Repair Patch	255	NA
	141.9	TF	Tap Factory	388	NA
	144.4	TF	Tap Factory	407	NA
	180.2	FS	Fracture Spiral	491	S 3
	213.1	FM(S02)	Fracture Multiple	568	S 4
	213.1	RFB	Roots Fine Barrel	580	M 2
	215.0	TFD	Tap Factory Defective	596	M 2
	216.5	RML	Roots Medium Lateral	612	M 3
	216.5	RFJ	Roots Fine Joint	624	M 1
	217.1	TF	Tap Factory	638	NA
	218.0	RFJ	Roots Fine Joint	653	M 1
	221.0	FM(S03)	Fracture Multiple	671	S 4
	221.9	RMB(S04)	Roots Medium Barrel	685	M 4
	239.2	FM(F03)	Fracture Multiple	731	S 4
	239.2	RMB(F04)	Roots Medium Barrel	742	M 4
	278.7	TFC	Tap Factory Capped	833	NA
	280.0	TF	Tap Factory	849	NA
	284.7	CM(F02)	Crack Multiple	869	S 3
	284.7	DSZ(F01)	Deposits Settled Other	881	M 2
	288.8	AMH	Manhole	900	NA
	M-108-028				

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-108-027**

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: **DSZ**
Description: **Deposits Settled Other**



Distance (ft): **1.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **6**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks: **tissue/debris**

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



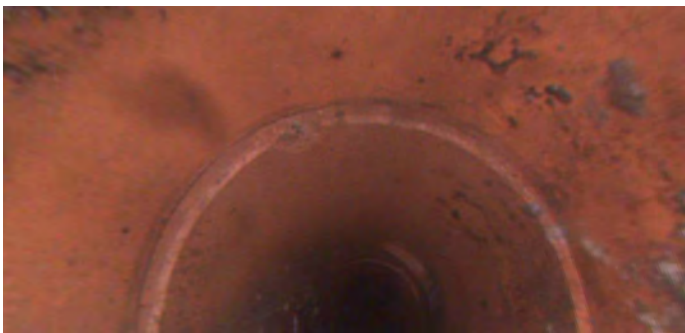
Distance (ft): **78.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **78.9**
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: **NO**
Remarks: **at tap**

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



Distance (ft): **79.1**
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: **small chip at joint**

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



Distance (ft): **80.9**
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: **RPP**
Description: **Repair Patch**



Distance (ft): **81.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **rubber**

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



Distance (ft): **141.9**
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: **TF**
Description: **Tap Factory**



Distance (ft): **144.4**
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: **FS**
Description: **Fracture Spiral**



Distance (ft): **180.2**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **4**
Clock To: **8**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



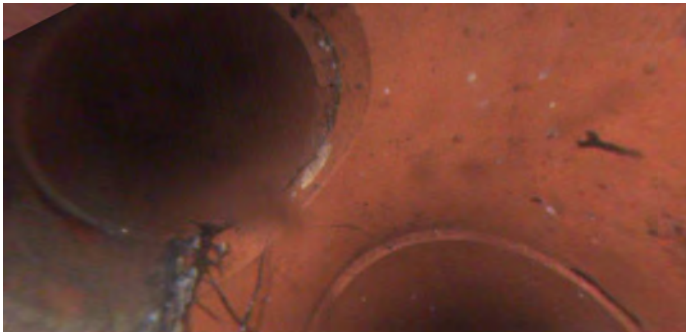
Distance (ft): **213.1**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks:

Code: **RFB**
Description: **Roots Fine Barrel**



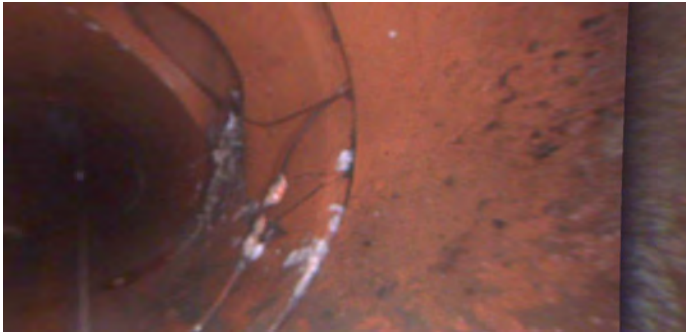
Distance (ft): **213.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **near joint**

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



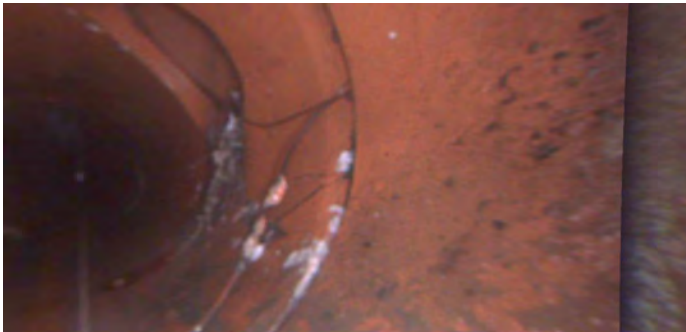
Distance (ft): **215.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **roots**

Code: **RML**
Description: **Roots Medium Lateral**



Distance (ft): **216.5**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **7**
Clock To: **10**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



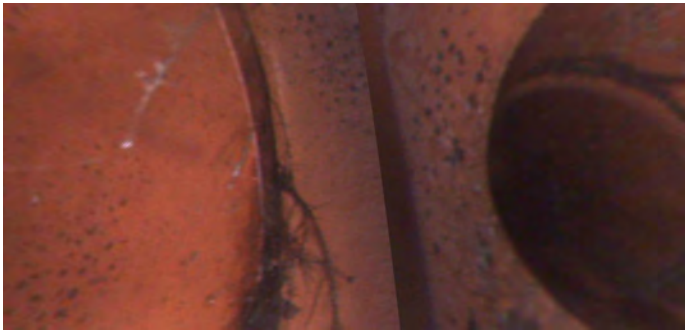
Distance (ft): **216.5**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **9**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



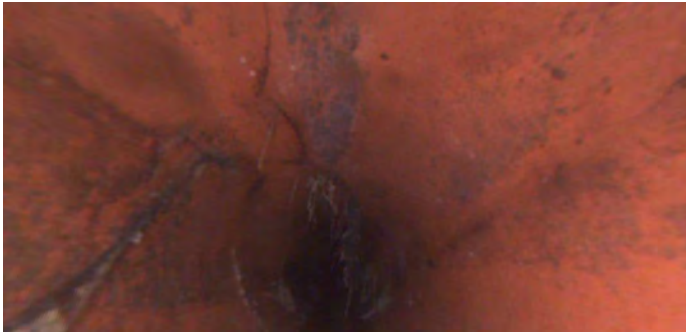
Distance (ft): **217.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **218.0**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



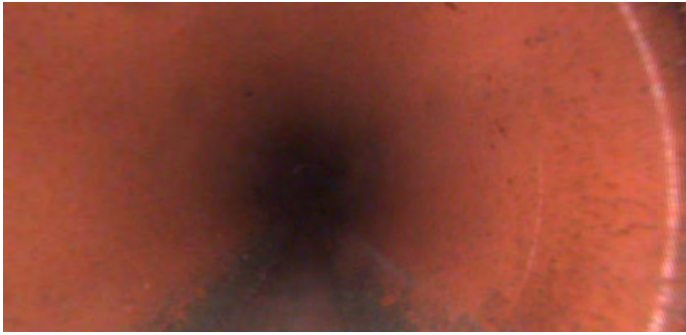
Distance (ft): **221.0**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **9**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S03**
Within 8" of Joint:
Remarks: **in barrel**

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



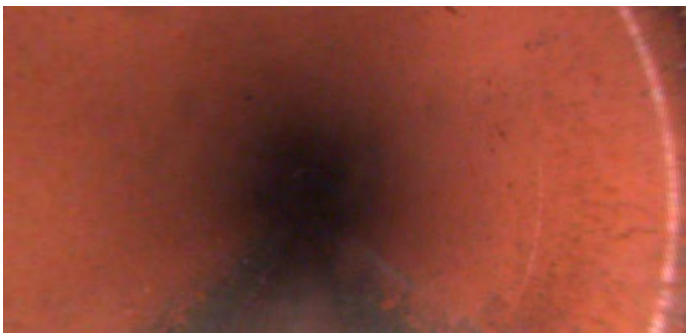
Distance (ft): **221.9**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **7**
Clock To: **12**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S04**
Within 8" of Joint: **NO**
Remarks: **from fractures**

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



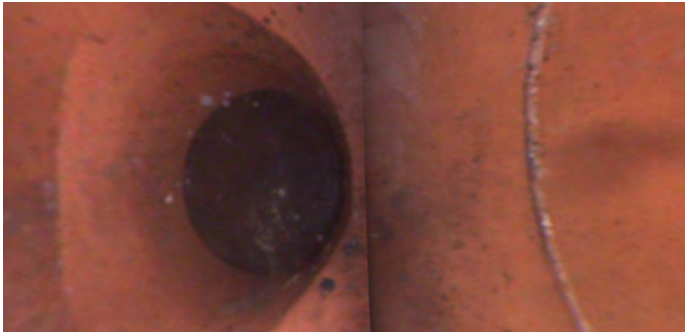
Distance (ft): **239.2**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **9**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F03**
Within 8" of Joint:
Remarks: **in barrel**

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



Distance (ft): **239.2**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **7**
Clock To: **12**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F04**
Within 8" of Joint: **NO**
Remarks: **from fractures**

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



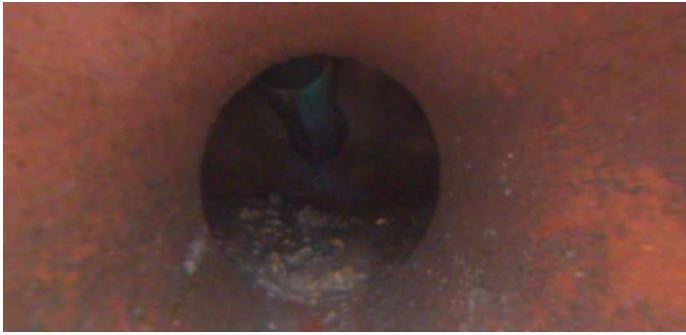
Distance (ft): **278.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **280.0**
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: **CM**
Description: **Crack Multiple**



Distance (ft): **284.7**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks:

Code: **DSZ**
Description: **Deposits Settled Other**



Distance (ft): **284.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **6**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks: **tissue/debris**



Code:	AMH
Description:	Manhole
Distance (ft):	288.8
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-108-028