

Profile/Photo Observation Report




Date:	03/24/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	200.6	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Byrd Fitzgerald	PSR:	P-902-042-041
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	ALLEY BETWEEN E 34TH AVE & E 34T	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Other	Tape/Media #:	
Purpose:	Not Known	Dia/Height:	10"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Downstream
US MH:	M-902-042	DS MH:	M-902-041
		Total Length Surveyed (ft):	177.0

O&M Index:	2.24	O&M Quick:	432B	O&M Rating:	47.00
Structural Index:	2.67	Structural Quick:	3221	Structural Rating:	8.00
Overall Index:	2.29	Overall Quick:	4332	Overall Rating:	55.00

	Position	Code	Observation	Video (sec)	Grade
	M-902-042				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	6.1	TB	Tap Break-in	46	NA
	7.2	IS	Infil Stain	63	NA
	8.0	CL	Crack Longitudinal	78	S 2
	18.4	MWL	Water Level	112	NA
	18.4	FL(S01)	Fracture Longitudinal	123	S 3
	21.7	TF	Tap Factory	141	NA
	25.1	TB	Tap Break-in	160	NA
	25.1	DAE	Deposits Attached Encrustation	172	M 2
	27.7	FL(F01)	Fracture Longitudinal	190	S 3
	27.7	RFJ	Roots Fine Joint	202	M 1
	30.2	DAE	Deposits Attached Encrustation	219	M 2
	39.1	IS(S03)	Infil Stain	248	NA
	39.1	MWL	Water Level	260	NA
	53.1	MCU(S04)	Camera Underwater	299	M 4
	65.9	MCU(F04)	Camera Underwater	336	M 4
	73.6	MWL	Water Level	363	NA
	91.1	TFD	Tap Factory Defective	410	M 2
	93.1	MMC	Material Change	427	NA
	95.2	TFA	Tap Factory Active	444	NA
	95.8	MMC	Material Change	459	NA
	108.8	DAZ	Deposits Attached Other	498	M 2
	123.4	DAE	Deposits Attached Encrustation	541	M 2
	129.2	DAE(S05)	Deposits Attached Encrustation	566	M 2
	154.5	TBI	Tap Break-in Intruding	629	M 2
	166.1	TFD	Tap Factory Defective	665	M 2
	168.6	TFD	Tap Factory Defective	683	M 2
	174.7	DAE(F05)	Deposits Attached Encrustation	708	M 2
	174.7	IS(F03)	Infil Stain	719	NA
	177.0	AMH	Manhole	735	NA
	M-902-041				

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-902-042**

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



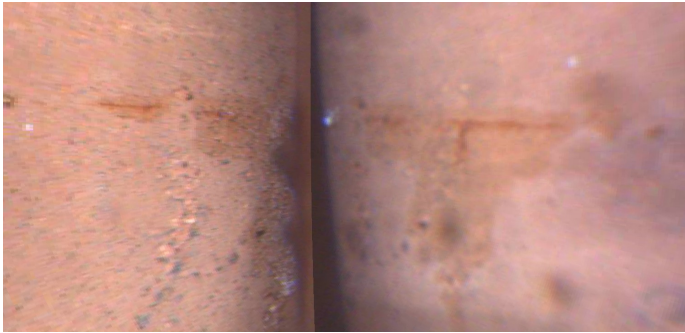
Distance (ft): **6.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **IS**
Description: **Infil Stain**



Distance (ft): **7.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **CL**
Description: **Crack Longitudinal**



Distance (ft): **8.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **9**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **18.4**
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: **FL**
Description: **Fracture Longitudinal**



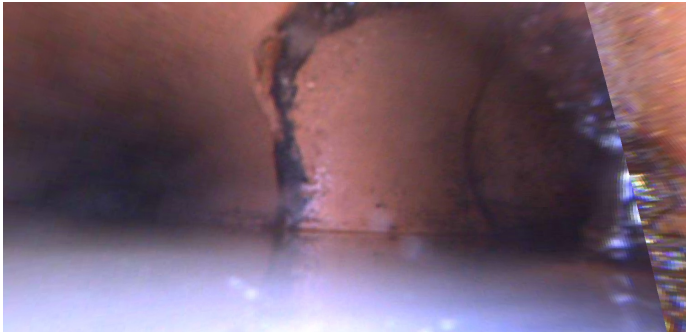
Distance (ft): **18.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:

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



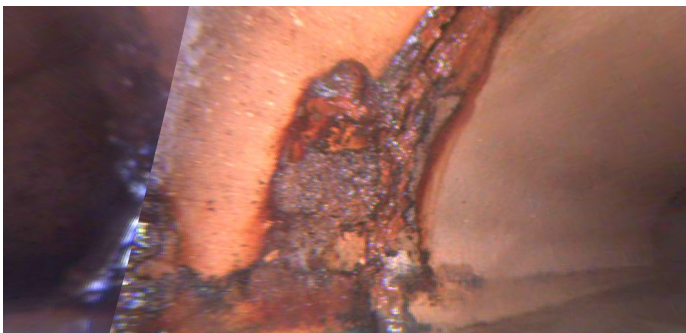
Distance (ft): **21.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **9**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



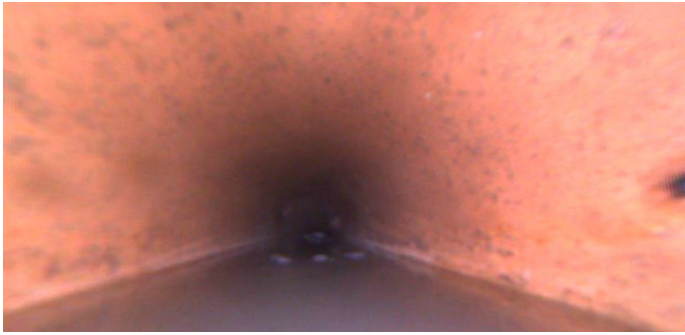
Distance (ft): **25.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **25.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **3**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **FL**
Description: **Fracture Longitudinal**



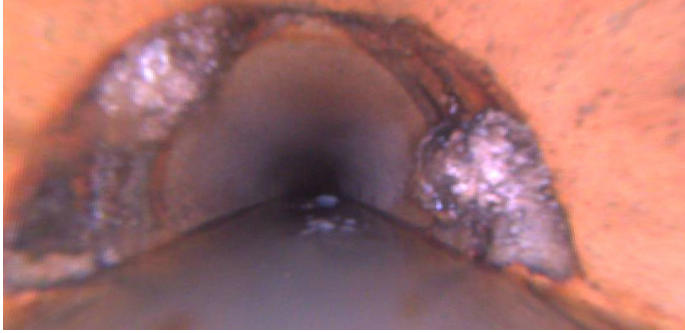
Distance (ft): **27.7**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:

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



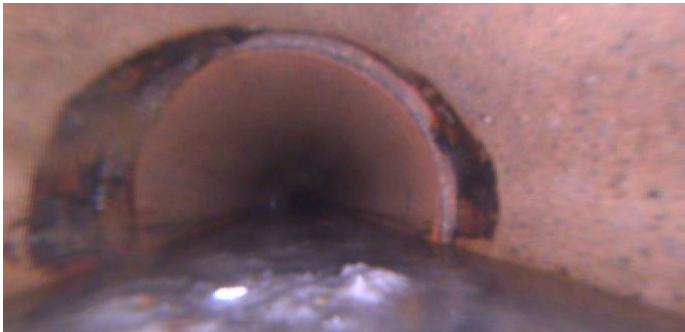
Distance (ft): **27.7**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



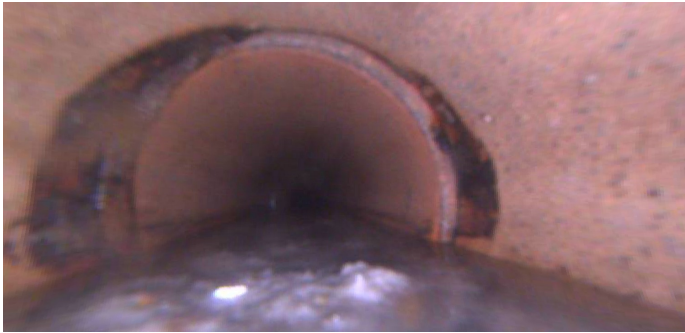
Distance (ft): **30.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **IS**
Description: **Infil Stain**



Distance (ft): **39.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S03**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



Distance (ft): **39.1**
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: **MCU**
Description: **Camera Underwater**



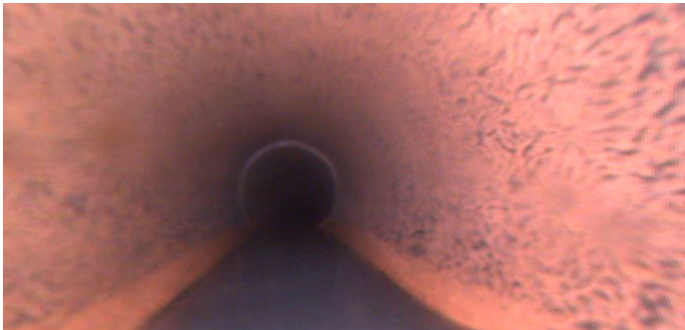
Distance (ft): **53.1**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S04**
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **65.9**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F04**
Within 8" of Joint: **NO**
Remarks:

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



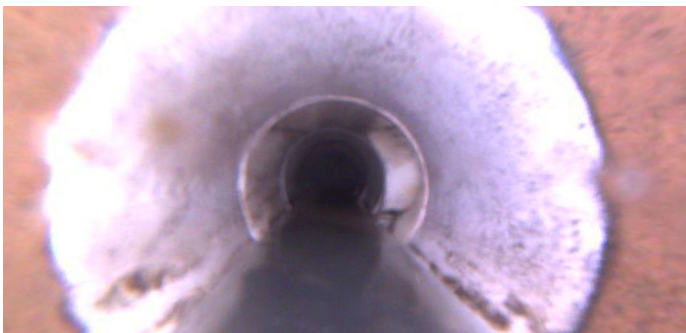
Distance (ft): **73.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



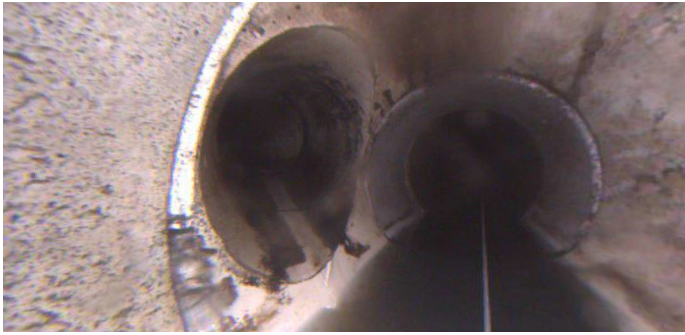
Distance (ft): **91.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **partially blocked by debris**

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



Distance (ft): **93.1**
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: **TFA**
Description: **Tap Factory Active**



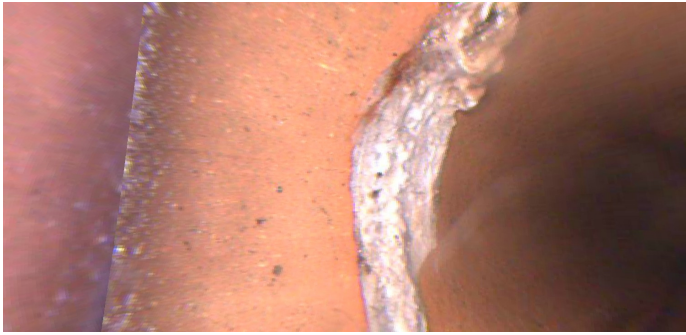
Distance (ft): **95.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **95.8**
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: **vcp**

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



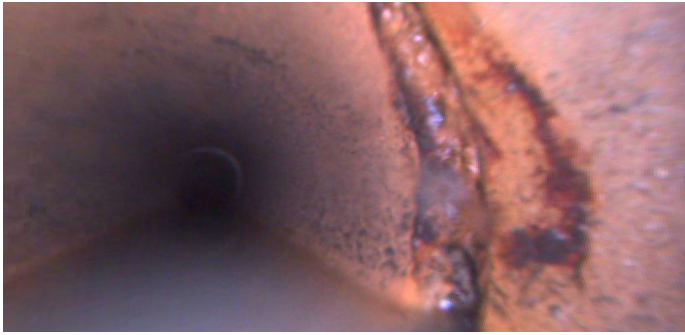
Distance (ft): **108.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



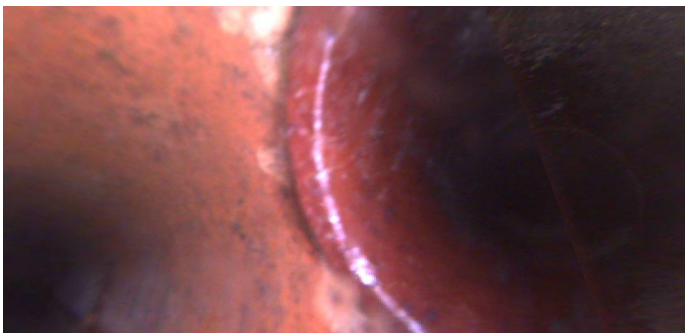
Distance (ft): **123.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **129.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S05**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



Distance (ft): **154.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value: **1.000**
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **166.1**
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: **YES**
Remarks: **partially blocked by deposits**

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



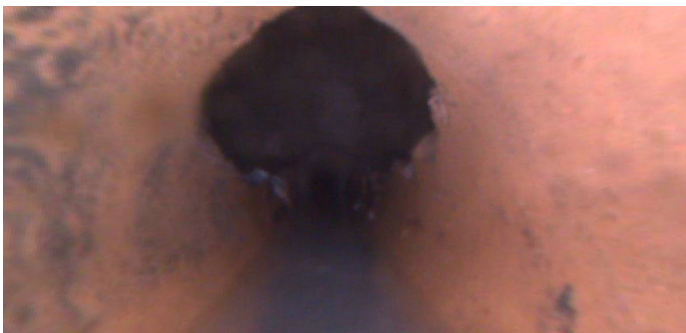
Distance (ft): **168.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **partially blocked**

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



Distance (ft): **174.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F05**
Within 8" of Joint: **YES**
Remarks: **wandering**

Code: **IS**
Description: **Infil Stain**



Distance (ft): **174.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F03**
Within 8" of Joint: **YES**
Remarks: **wandering**



Code:	AMH
Description:	Manhole
Distance (ft):	177.0
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-902-041