

Profile/Photo Observation Report




Date:	03/25/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	272.5	Owner:	NA	Pre Clean:	No Pre-Cleaning
P.O.#:		Surveyor:	Byrd Fitzgerald	PSR:	P-108-041-042
Customer:		Clean Date:	01/01/1900	Shape:	C

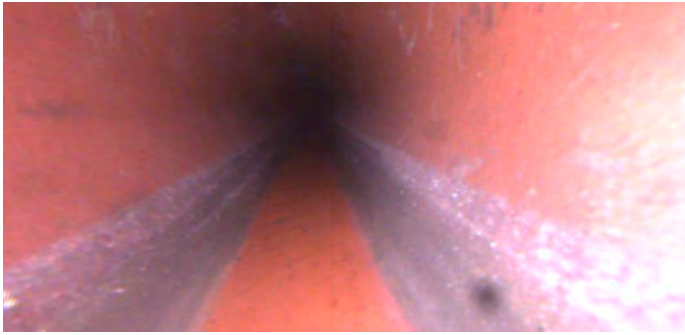
Street:	OFF 15TH PL	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Light Highway	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	10"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:	Flow direction wrong		

Location Details:		Direction of Survey:	Upstream
US MH:	M-108-042	DS MH:	M-108-041
		Total Length Surveyed (ft):	266.3

O&M Index:	1.71	O&M Quick:	312D	O&M Rating:	72.00
Structural Index:	2.98	Structural Quick:	3121	Structural Rating:	155.00
Overall Index:	2.41	Overall Quick:	312D	Overall Rating:	227.00

	Position	Code	Observation	Video (sec)	Grade
M-108-041					
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	7.4	CL(S01)	Crack Longitudinal	47	S 2
	14.4	CM(S02)	Crack Multiple	73	S 3
	14.4	CL(F01)	Crack Longitudinal	84	S 2
	17.4	TB	Tap Break-in	102	NA
	17.4	DAE	Deposits Attached Encrustation	112	M 2
	19.4	FL	Fracture Longitudinal	129	S 3
	30.5	TF	Tap Factory	163	NA
	56.0	RFJ	Roots Fine Joint	226	M 1
	87.4	TF	Tap Factory	300	NA
	88.0	RFJ	Roots Fine Joint	313	M 1
	108.8	RFJ	Roots Fine Joint	368	M 1
	117.9	IW	Infil Weeper	398	M 2
	117.9	DAE	Deposits Attached Encrustation	408	M 2
	147.6	IW	Infil Weeper	478	M 2
	147.6	DAE(S03)	Deposits Attached Encrustation	489	M 2
	188.0	RFJ	Roots Fine Joint	581	M 1
	188.8	TF	Tap Factory	594	NA
	188.8	RFC	Roots Fine Connection	605	M 1
	224.3	RFJ(S04)	Roots Fine Joint	687	M 1
	258.7	RMJ	Roots Medium Joint	767	M 3
	265.4	RFJ(F04)	Roots Fine Joint	792	M 1
	265.4	DAE(F03)	Deposits Attached Encrustation	802	M 2
	265.4	CM(F02)	Crack Multiple	813	S 3
	266.3	AMH	Manhole	826	NA
M-108-042					

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



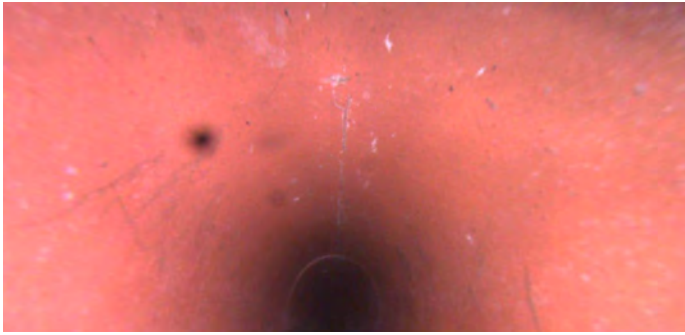
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **M-108-041**

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



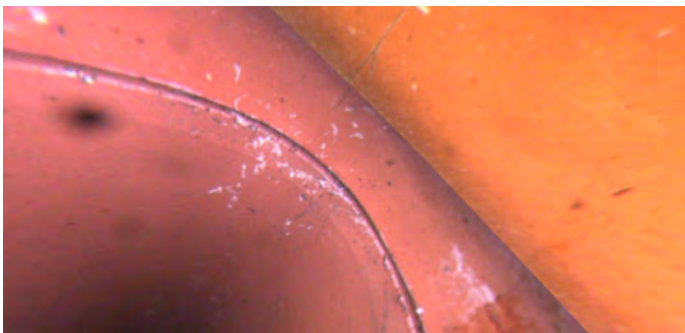
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



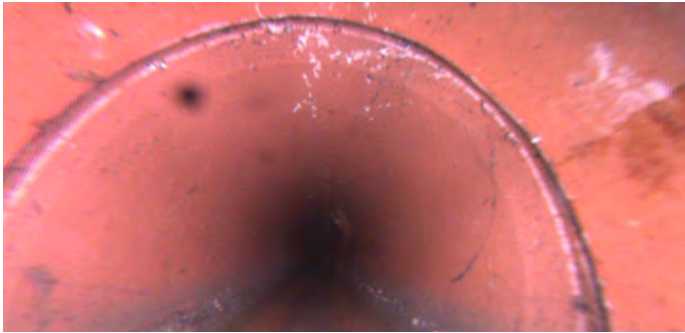
Distance (ft): **7.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:

Code: **CM**
Description: **Crack Multiple**



Distance (ft): **14.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



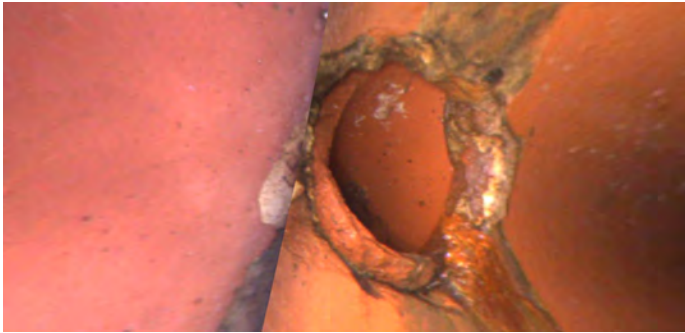
Distance (ft): **14.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **17.4**
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:
Remarks:

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



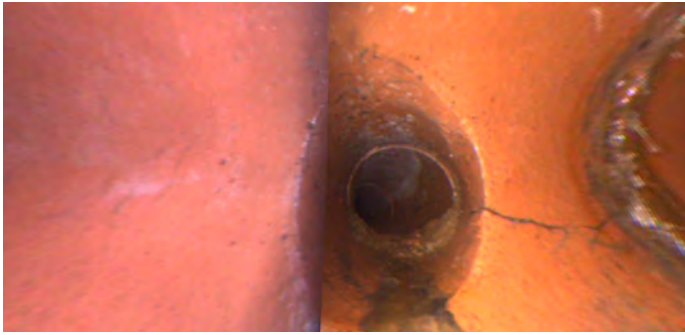
Distance (ft): **17.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **around tap**

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



Distance (ft): **19.4**
Structural Grade: **3**
O&M Grade: **0**
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**



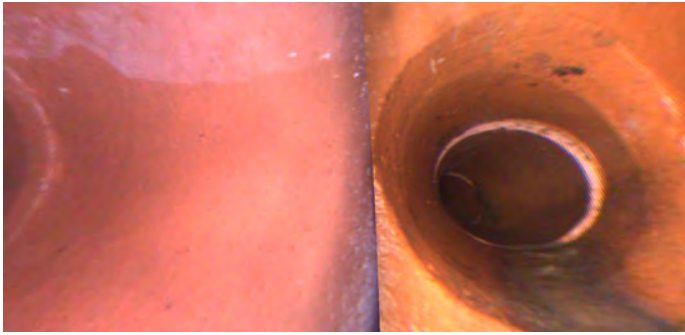
Distance (ft): **30.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **56.0**
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: **TF**
Description: **Tap Factory**



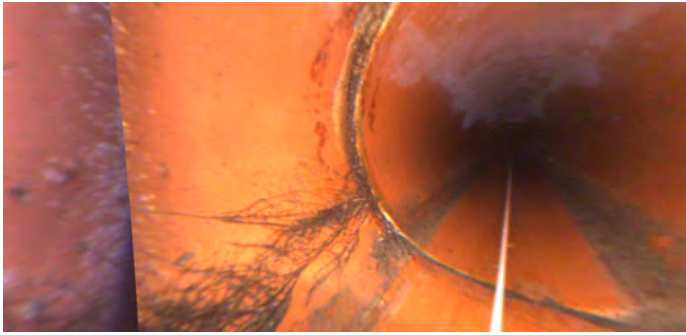
Distance (ft): **87.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



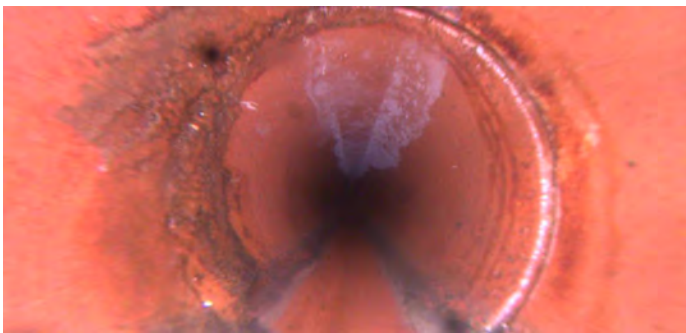
Distance (ft): **88.0**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **8**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



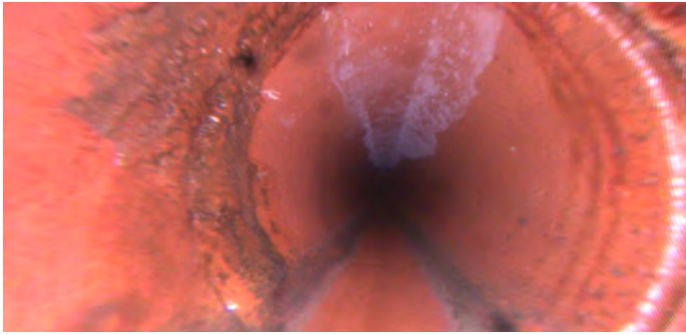
Distance (ft): **108.8**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **4**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **into barrel**

Code: **IW**
Description: **Infil Weeper**



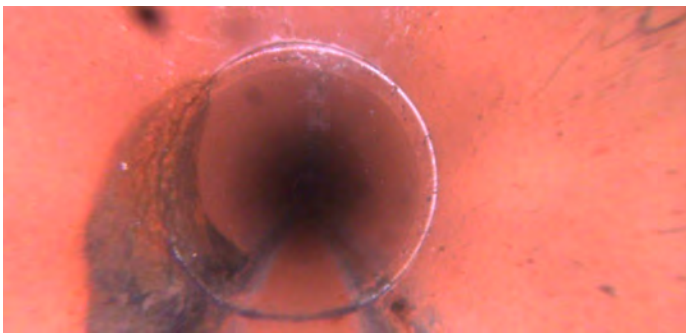
Distance (ft): **117.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



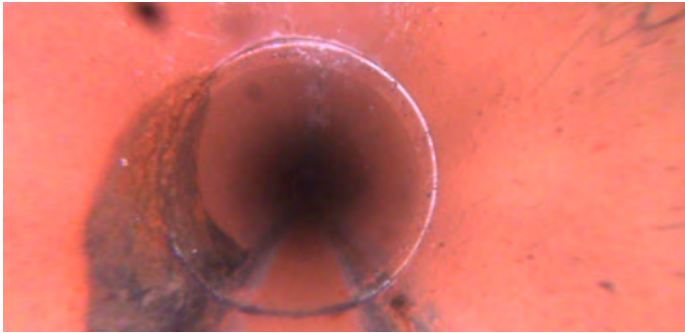
Distance (ft): **117.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **12**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **IW**
Description: **Infil Weeper**



Distance (ft): **147.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **147.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **11**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S03**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



Distance (ft): **188.0**
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: **TF**
Description: **Tap Factory**



Distance (ft): **188.8**
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: **RFC**
Description: **Roots Fine Connection**



Distance (ft): **188.8**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **2**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



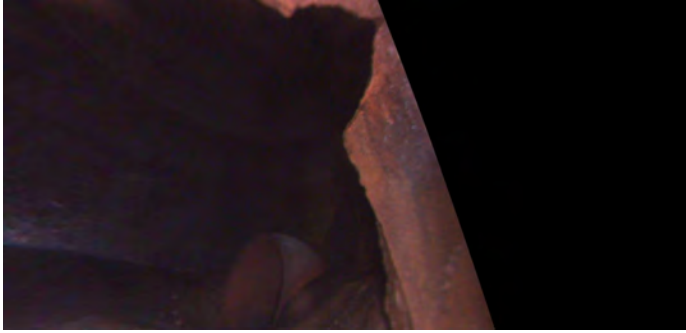
Distance (ft): **224.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S04**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



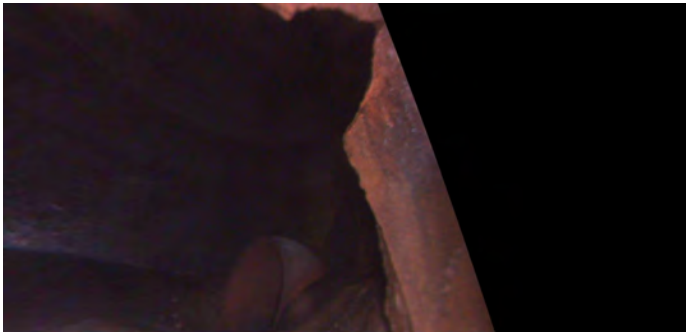
Distance (ft): **258.7**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



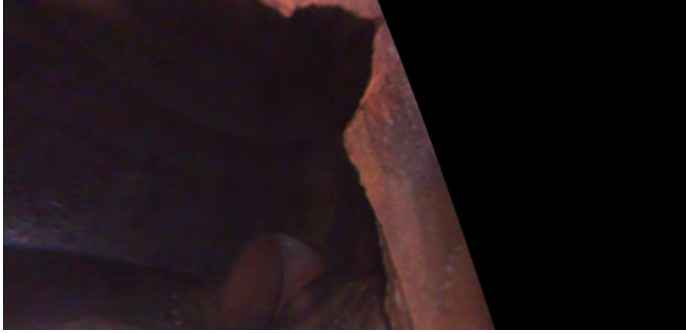
Distance (ft): **265.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F04**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



Distance (ft): **265.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **11**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F03**
Within 8" of Joint: **YES**
Remarks: **wandering**

Code: **CM**
Description: **Crack Multiple**



Distance (ft): **265.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



Distance (ft): **266.3**
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-108-042**