

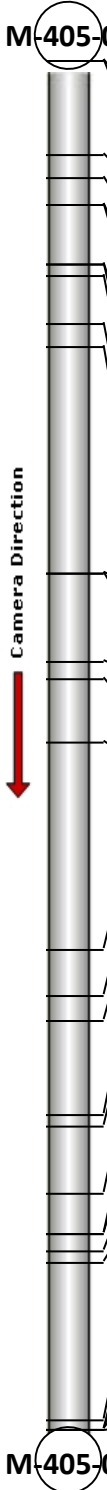
Profile/Photo Observation Report



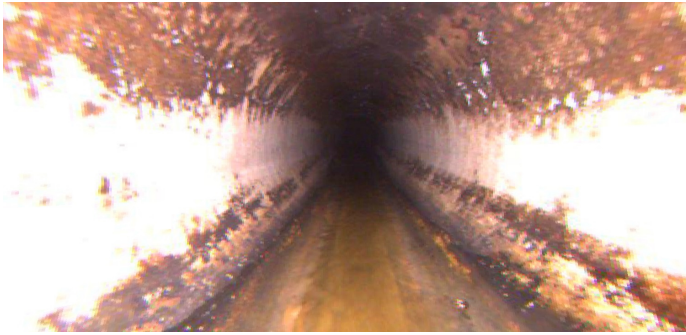
Date:	04/20/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	305.1	Owner:	NA	Pre Clean:	No Pre-Cleaning
P.O.#:		Surveyor:	Byrd Fitzgerald	PSR:	P-405-041-040
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	FOXCROFT STREET	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Yard	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	8"
Use:	Sanitary	Material:	PVC
Drain Area:	NA	Lining:	
Category:	NA		
Comment:	P_C at 142 ft roots Flow direction wrong		
Location Details:		Direction of Survey:	Upstream
US MH:	M-405-040	DS MH:	M-405-041
		Total Length Surveyed (ft):	143.4

O&M Index:	1.61	O&M Quick:	4132	O&M Rating:	92.00
Structural Index:	3.24	Structural Quick:	543C	Structural Rating:	94.00
Overall Index:	2.16	Overall Quick:	5441	Overall Rating:	186.00

	Position	Code	Observation	Video (sec)	Grade
					
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	9.9	MMC	Material Change	53	NA
	12.3	RFJ(S01)	Roots Fine Joint	71	M 1
	15.1	CL(S02)	Crack Longitudinal	89	S 2
	15.1	DAZ(S03)	Deposits Attached Other	100	M 2
	21.3	CM(S04)	Crack Multiple	124	S 3
	21.3	CL(F02)	Crack Longitudinal	135	S 2
	22.5	TFC	Tap Factory Capped	150	NA
	27.5	MMC	Material Change	173	NA
	29.9	TF	Tap Factory	191	NA
	53.6	TF	Tap Factory	250	NA
	53.6	DAGS	Deposits Attached Grease	262	M 2
	63.0	MMC	Material Change	292	NA
	64.8	CH3(S05)	Crack Longitudinal Hinge, 3	307	S 5
	71.4	CH3(F05)	Crack Longitudinal Hinge, 3	332	S 5
	93.1	CH3(S06)	Crack Longitudinal Hinge, 3	387	S 5
	98.0	CH3(F06)	Crack Longitudinal Hinge, 3	408	S 5
	100.5	MMC	Material Change	425	NA
	110.4	MMC	Material Change	457	NA
	111.6	CH3(S07)	Crack Longitudinal Hinge, 3	471	S 5
	118.6	DSZ	Deposits Settled Other	496	M 3
	122.9	CH3(F07)	Crack Longitudinal Hinge, 3	516	S 5
	122.9	RFB	Roots Fine Barrel	527	M 2
	124.7	RMJ	Roots Medium Joint	543	M 3
	125.9	TF	Tap Factory	557	NA
	142.4	RBJ	Roots Ball Joint	602	M 4
	143.4	CM(F04)	Crack Multiple	615	S 3
	143.4	DAZ(F03)	Deposits Attached Other	626	M 2
	143.4	RFJ(F01)	Roots Fine Joint	638	M 1
	143.4	MSA	Abandoned Survey	649	NA

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



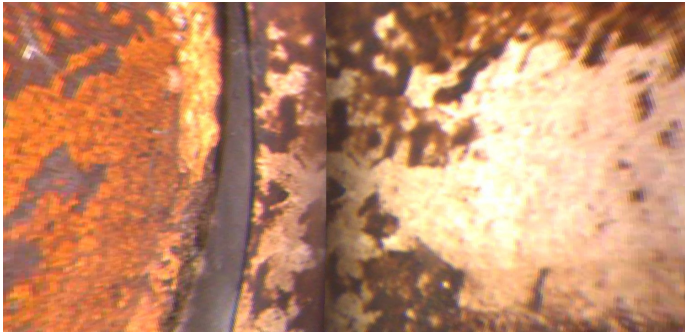
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **M-405-041**

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



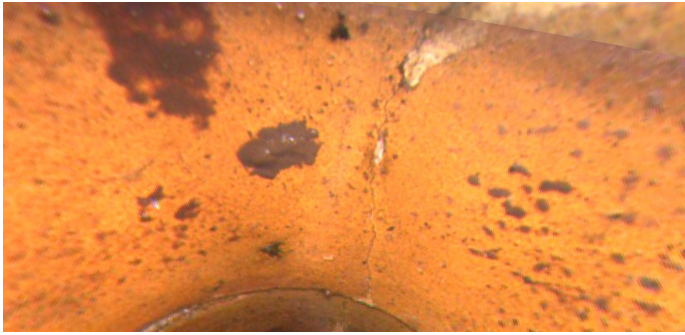
Distance (ft): **9.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **vcp**

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



Distance (ft): **12.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



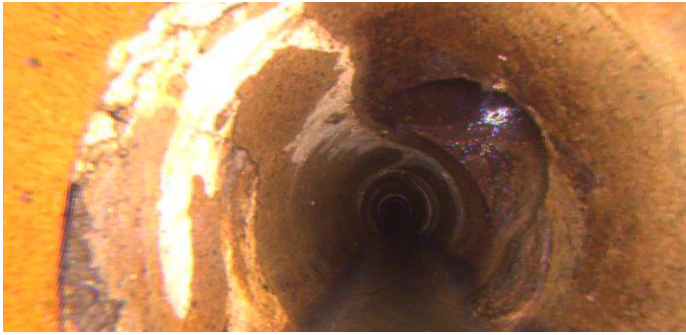
Distance (ft): **15.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks:

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



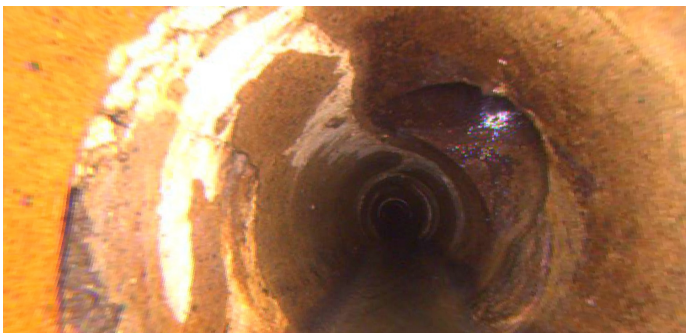
Distance (ft): **15.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S03**
Within 8" of Joint: **YES**
Remarks: **wandering at joint and in barrel**

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



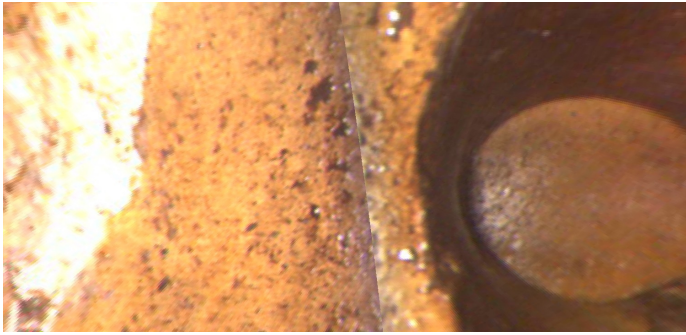
Distance (ft): **21.3**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S04**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



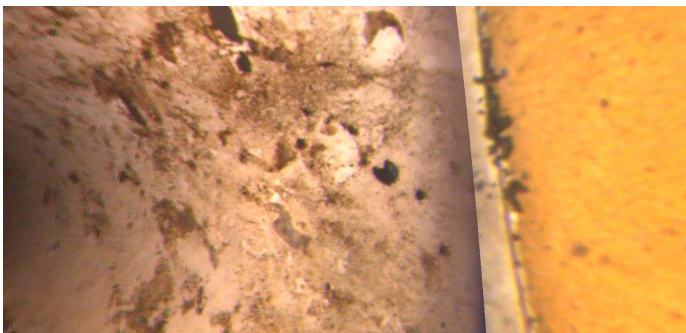
Distance (ft): **21.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks:

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



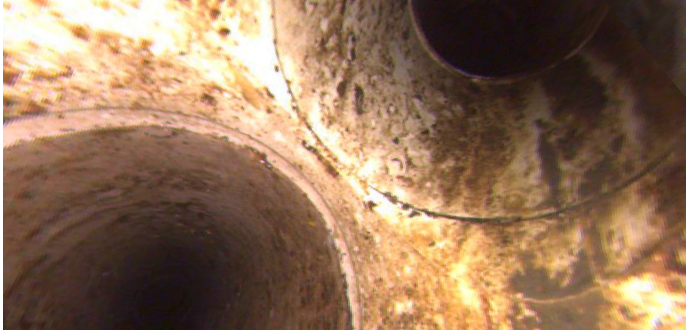
Distance (ft): **22.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **27.5**
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**



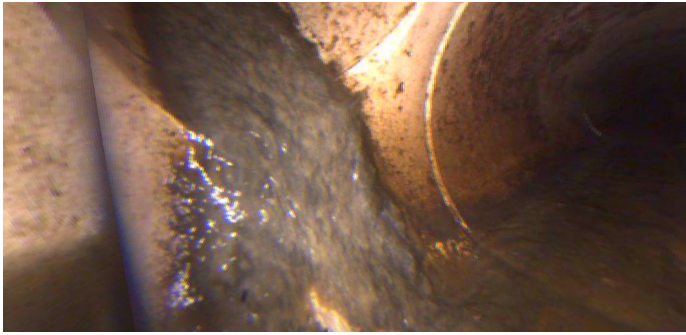
Distance (ft): **29.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **53.6**
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: **DAGS**
Description: **Deposits Attached Grease**



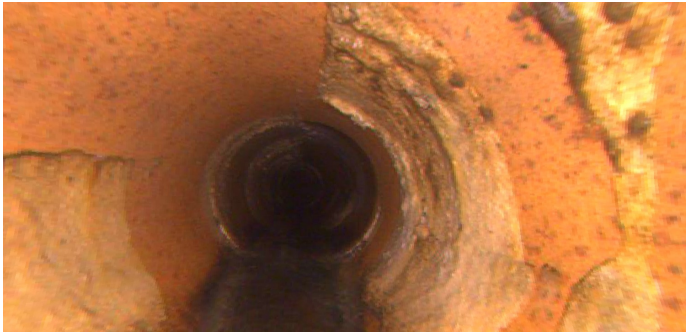
Distance (ft): **53.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **9**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **63.0**
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: **vcp**

Code: **CH3**
Description: **Crack Longitudinal Hinge, 3**



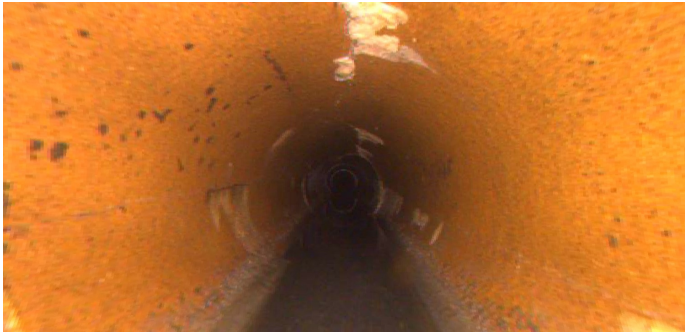
Distance (ft): **64.8**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S05**
Within 8" of Joint:
Remarks:

Code: **CH3**
Description: **Crack Longitudinal Hinge, 3**



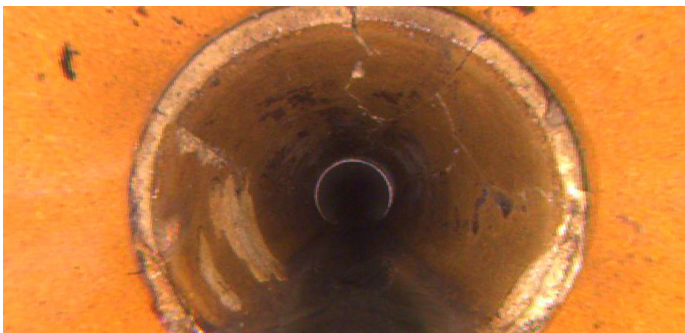
Distance (ft): **71.4**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F05**
Within 8" of Joint:
Remarks:

Code: **CH3**
Description: **Crack Longitudinal Hinge, 3**



Distance (ft): **93.1**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S06**
Within 8" of Joint:
Remarks:

Code: **CH3**
Description: **Crack Longitudinal Hinge, 3**



Distance (ft): **98.0**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F06**
Within 8" of Joint:
Remarks:



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

Distance (ft): **100.5**
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: **MMC**
Description: **Material Change**

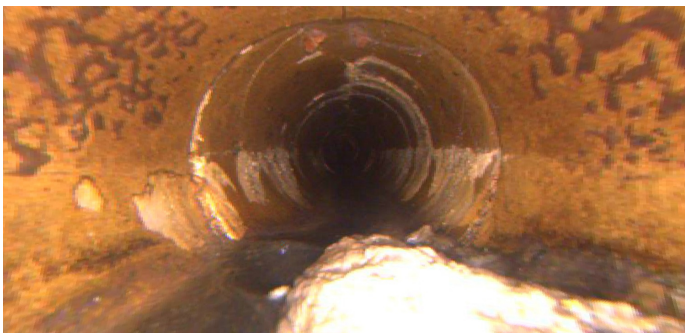
Distance (ft): **110.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **vcp**

Code: **CH3**
Description: **Crack Longitudinal Hinge, 3**



Distance (ft): **111.6**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S07**
Within 8" of Joint:
Remarks:

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



Distance (ft): **118.6**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **6**
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **tissue/rag**

Code: **CH3**
Description: **Crack Longitudinal Hinge, 3**



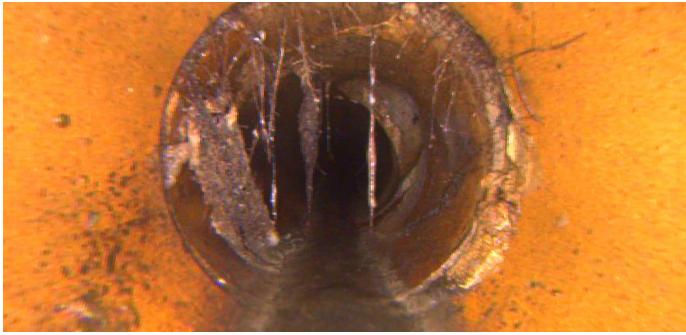
Distance (ft): **122.9**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F07**
Within 8" of Joint:
Remarks:

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



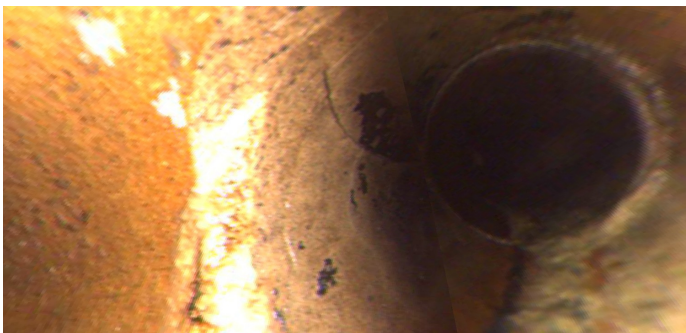
Distance (ft): **122.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



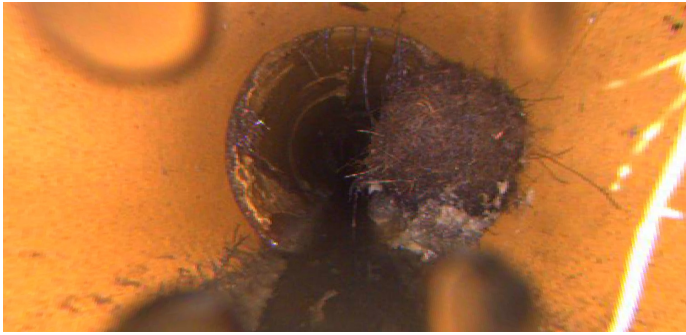
Distance (ft): **124.7**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



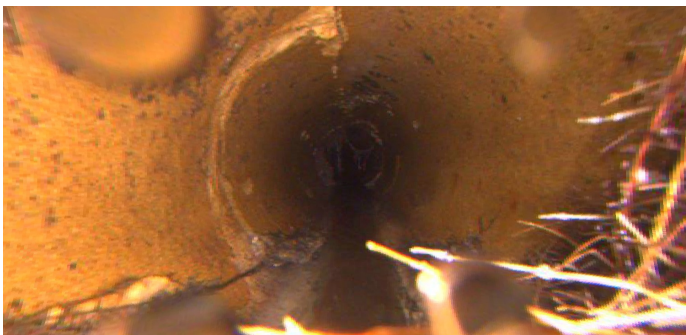
Distance (ft): **125.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **RBJ**
Description: **Roots Ball Joint**



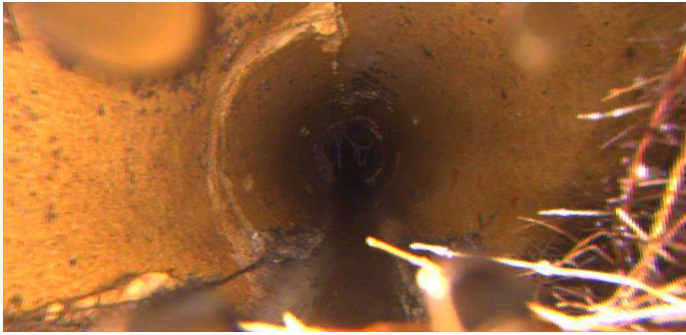
Distance (ft): **142.4**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **2**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **55.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



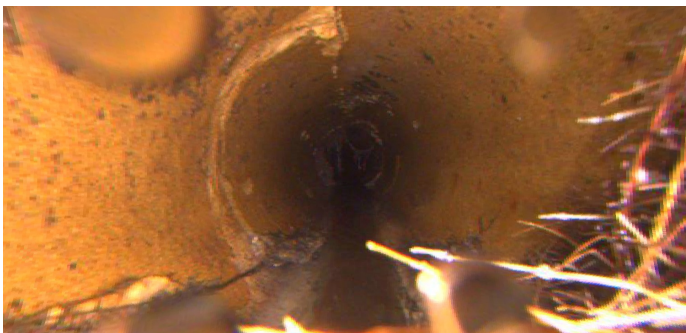
Distance (ft): **143.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F04**
Within 8" of Joint: **YES**
Remarks: **wandering**

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

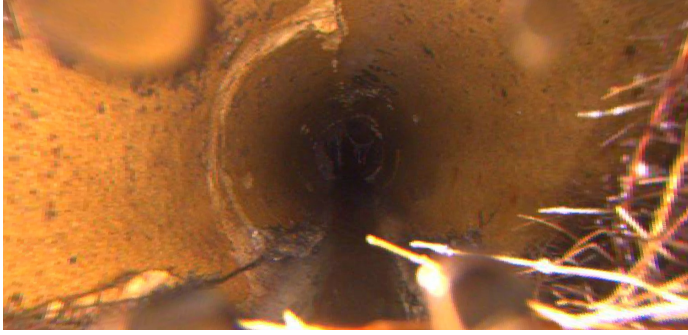


Distance (ft): **143.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F03**
Within 8" of Joint: **YES**
Remarks: **wandering at joint and in barrel**

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



Distance (ft): **143.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks: **wandering**



Code:	MSA
Description:	Abandoned Survey
Distance (ft):	143.4
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:	rbj