

Profile/Photo Observation Report



Date:	03/25/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	166.8	Owner:	NA	Pre Clean:	No Pre-Cleaning
P.O.#:		Surveyor:	Byrd Fitzgerald	PSR:	P-108-011-010
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	FOXCROFT STREET	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Light Highway	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	8"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:	Flow direction wrong		
Location Details:		Direction of Survey:	Upstream
US MH:	M-108-010	DS MH:	M-108-011
		Total Length Surveyed (ft):	165.1

O&M Index:	<u>2.07</u>	O&M Quick:	3721	O&M Rating:	<u>29.00</u>
Structural Index:	<u>2.00</u>	Structural Quick:	2100	Structural Rating:	<u>2.00</u>
Overall Index:	<u>2.07</u>	Overall Quick:	3722	Overall Rating:	<u>31.00</u>

Position	Code	Observation	Video (sec)	Grade
M-108-011				
.0	AMH	Manhole	10	NA
.0	MWL	Water Level	21	NA
7.8	RMJ	Roots Medium Joint	48	M 3
13.1	RMJ	Roots Medium Joint	70	M 3
16.6	MLC	Lining Change	89	NA
20.7	MLC	Lining Change	109	NA
24.3	TF	Tap Factory	129	NA
26.0	TFD	Tap Factory Defective	145	M 2
26.0	RFL	Roots Fine Lateral	156	M 1
27.6	MLC	Lining Change	173	NA
32.1	MLC	Lining Change	195	NA
32.3	RFJ	Roots Fine Joint	207	M 1
37.4	RFJ	Roots Fine Joint	228	M 1
40.8	MLC	Lining Change	247	NA
49.9	MLC	Lining Change	276	NA
56.4	MLC	Lining Change	302	NA
60.6	MLC	Lining Change	324	NA
62.0	MLC	Lining Change	341	NA
75.7	MLC	Lining Change	383	NA

Camera Direction

78.4	RMJ	Roots Medium Joint	401	M 3
79.8	MLC	Lining Change	416	NA
79.8	TF	Tap Factory	427	NA
84.0	MLC	Lining Change	449	NA
91.4	MLC	Lining Change	476	NA
94.8	MLC	Lining Change	496	NA
95.4	FC	Fracture Circumferential	509	S 2
97.9	RMJ	Roots Medium Joint	526	M 3
101.8	MLC	Lining Change	546	NA
105.9	MLC	Lining Change	569	NA
108.1	RMJ	Roots Medium Joint	587	M 3
109.2	MWL	Water Level	600	NA
113.0	RMJ	Roots Medium Joint	619	M 3
125.8	MWL	Water Level	656	NA
133.5	RFJ	Roots Fine Joint	683	M 1
138.5	RMJ	Roots Medium Joint	704	M 3
148.3	RFJ	Roots Fine Joint	735	M 1
157.4	MLC	Lining Change	766	NA
158.9	LL	Alignment Left	781	M 1
161.7	MLC	Lining Change	800	NA
165.1	AMH	Manhole	820	NA

M-108-010

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

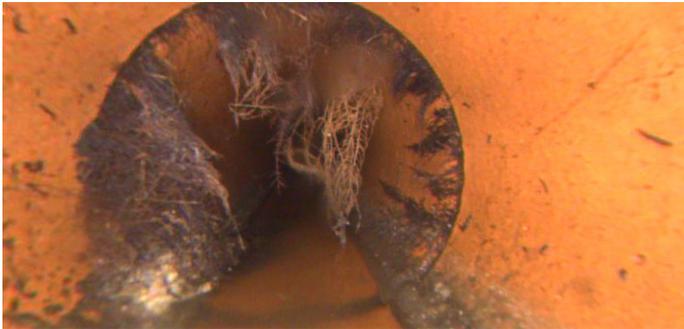


Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **M-108-011**



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): **7.8**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **13.1**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **MLC**
Description: **Lining Change**



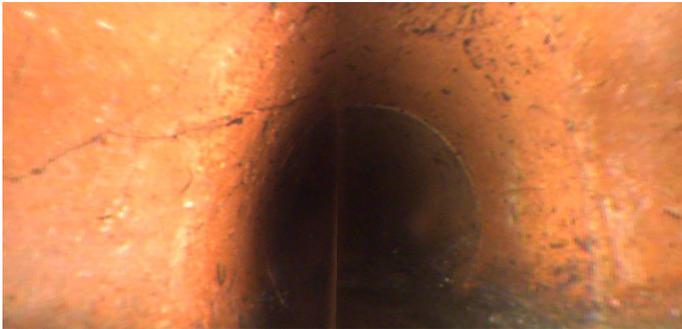
Distance (ft): **16.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **CIP Liner**

Code: **MLC**
Description: **Lining Change**



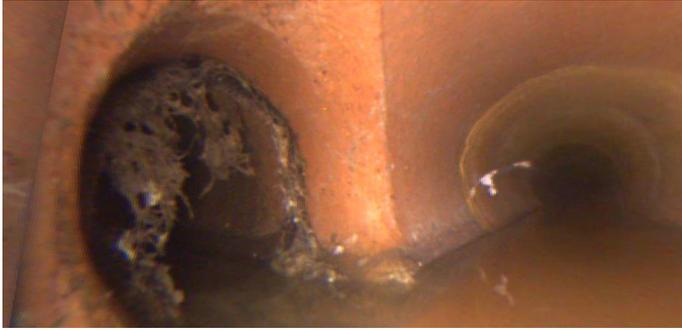
Distance (ft): **20.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **end cip**

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



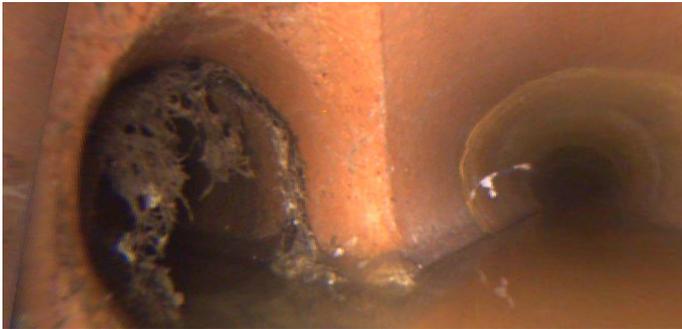
Distance (ft): **24.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **26.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **ROOTS**

Code: **RFL**
Description: **Roots Fine Lateral**

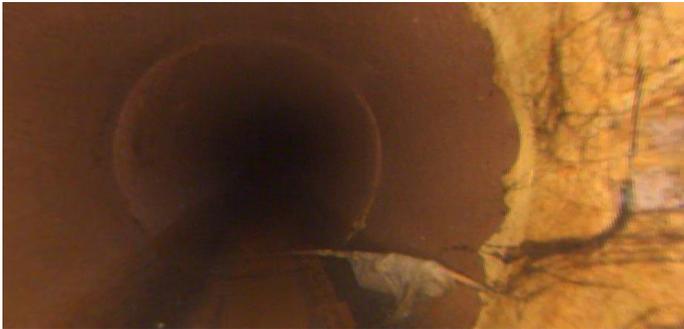


Distance (ft): **26.0**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code: **MLC**
 Description: **Lining Change**

Distance (ft): **27.6**
 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: **CIP**



Code: **MLC**
 Description: **Lining Change**

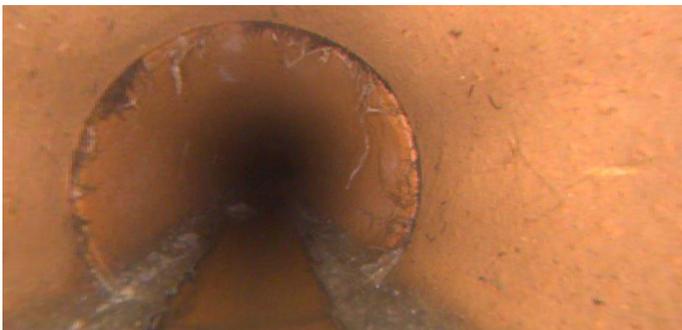
Distance (ft): **32.1**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks: **END CIP**

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



Distance (ft): **32.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



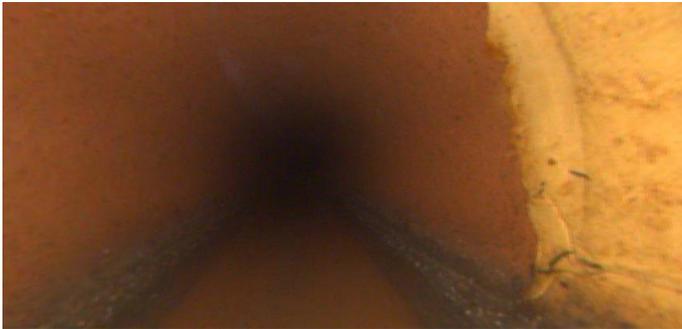
Distance (ft): **37.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **MLC**
Description: **Lining Change**



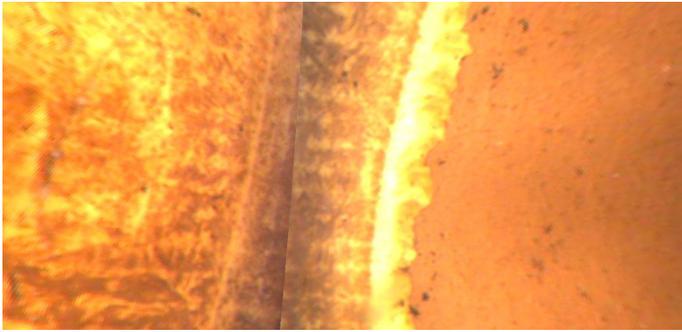
Distance (ft): **40.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **CIP**

Code: **MLC**
Description: **Lining Change**



Distance (ft): **49.9**
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: **END CIP**

Code: **MLC**
Description: **Lining Change**



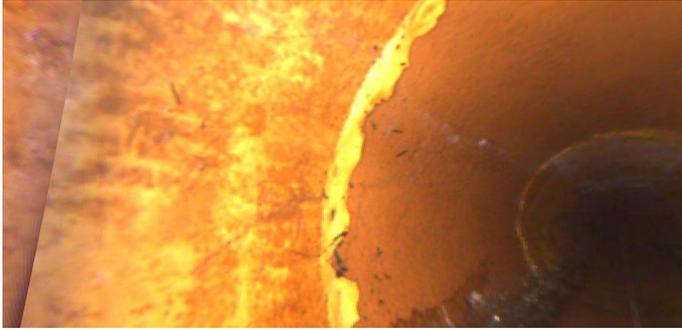
Distance (ft): **56.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **CIP**

Code: **MLC**
Description: **Lining Change**



Distance (ft): **60.6**
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: **END CIP**

Code: **MLC**
Description: **Lining Change**



Distance (ft): **62.0**
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: **CIP**

Code: **MLC**
Description: **Lining Change**



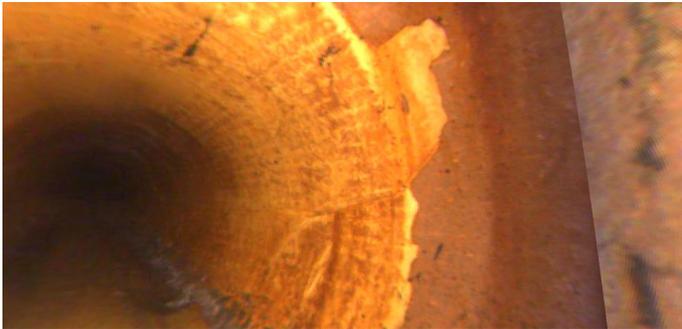
Distance (ft): **75.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **END CIP**

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



Distance (ft): **78.4**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **30.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **MLC**
Description: **Lining Change**



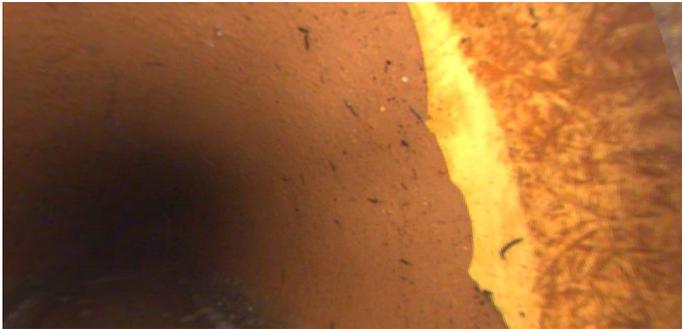
Distance (ft): **79.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **CIP**

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



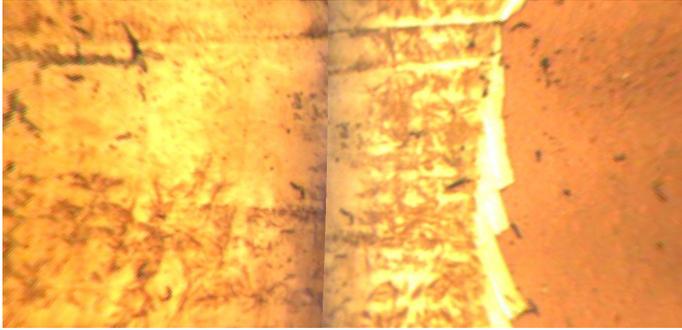
Distance (ft): **79.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **MLC**
Description: **Lining Change**



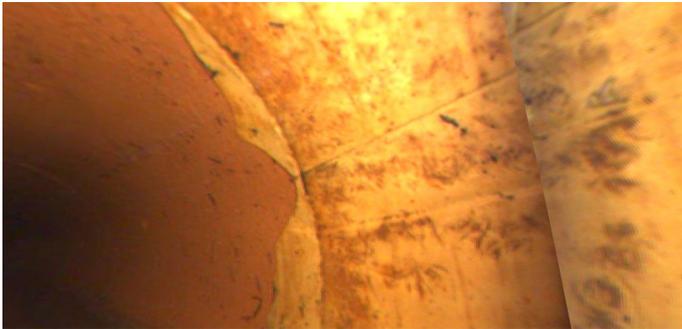
Distance (ft): **84.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **END CIP**

Code: **MLC**
Description: **Lining Change**



Distance (ft): **91.4**
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: **CIP**

Code: **MLC**
Description: **Lining Change**



Distance (ft): **94.8**
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: **END CIP**

Code: **FC**
Description: **Fracture Circumferential**



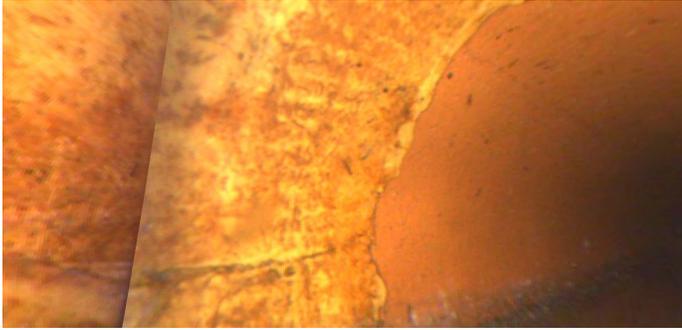
Distance (ft): **95.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



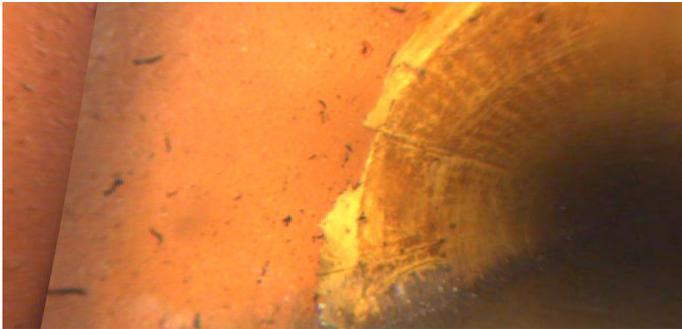
Distance (ft): **97.9**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **30.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **MLC**
Description: **Lining Change**



Distance (ft): **101.8**
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: **CIP**

Code: **MLC**
Description: **Lining Change**



Distance (ft): **105.9**
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: **END CIP**

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



Distance (ft): **108.1**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **30.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **109.2**
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: **RMJ**
Description: **Roots Medium Joint**



Distance (ft): **113.0**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **125.8**
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: **RFJ**
Description: **Roots Fine Joint**



Distance (ft): **133.5**
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: **RMJ**
Description: **Roots Medium Joint**



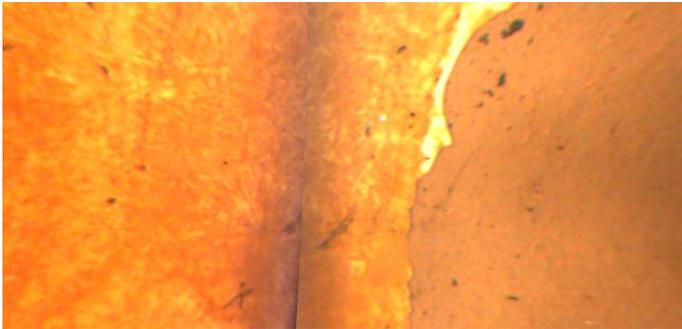
Distance (ft): **138.5**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **148.3**
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: **MLC**
Description: **Lining Change**



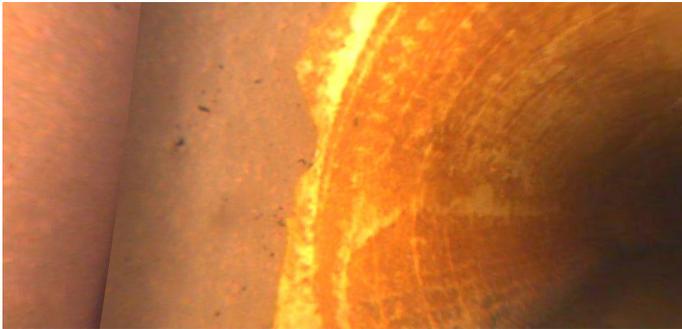
Distance (ft): **157.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **cip**

Code: **LL**
Description: **Alignment Left**



Distance (ft): **158.9**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **MLC**
Description: **Lining Change**



Distance (ft): **161.7**
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: **END CIP**



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

Distance (ft): **165.1**
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: **M-108-010**