

# Profile/Photo Observation Report



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

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

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

	Position	Code	Observation	Video (sec)	Grade
	.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

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:

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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:

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

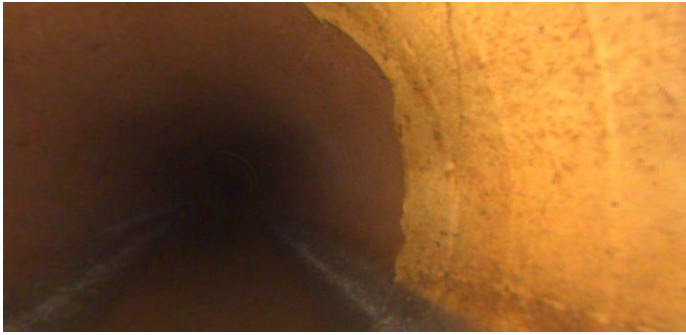


Distance (ft): **16.6**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **CIP Liner**

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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**

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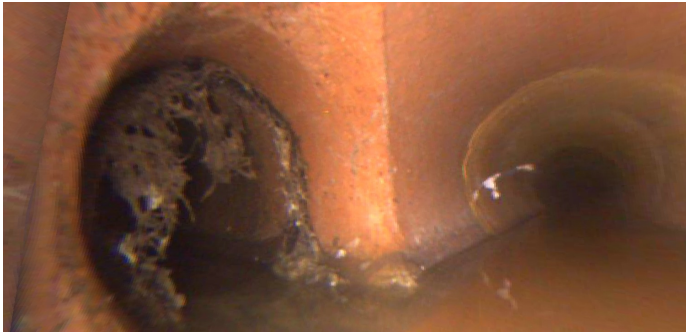
Code: **TF**  
Description: **Tap Factory**



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**

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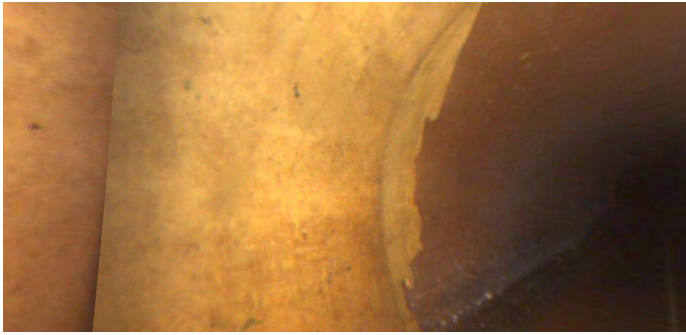
Code: **RFL**  
Description: **Roots Fine Lateral**



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:

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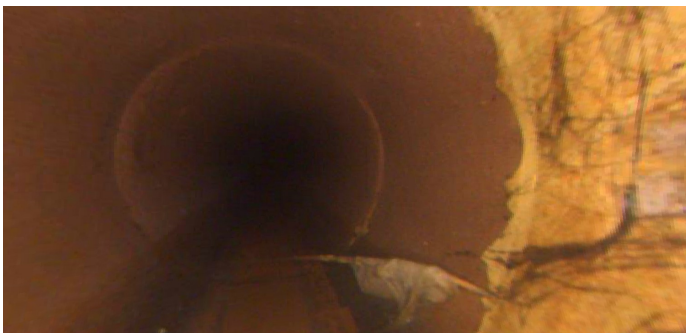
Code: **MLC**  
Description: **Lining Change**



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**

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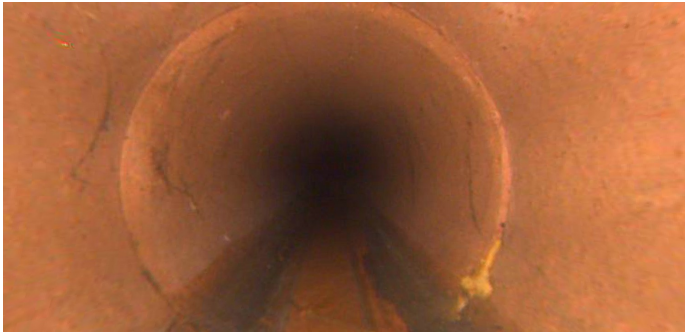
Code: **MLC**  
Description: **Lining Change**



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:

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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:

---

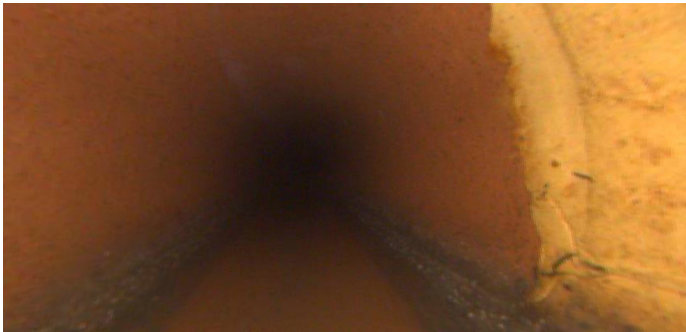
Code: **MLC**  
Description: **Lining Change**



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**

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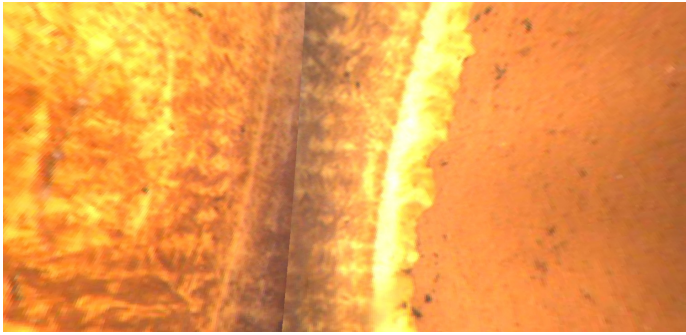
Code: **MLC**  
Description: **Lining Change**



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**

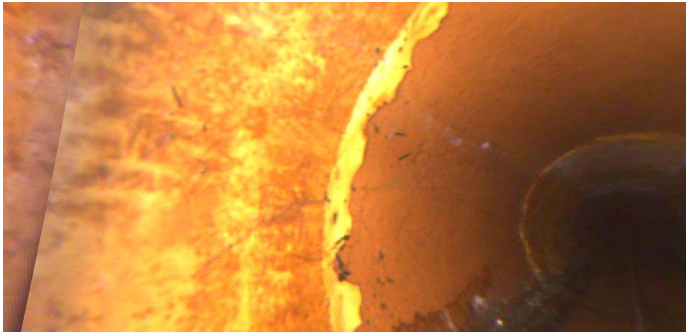


Distance (ft): **60.6**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **END CIP**

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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**

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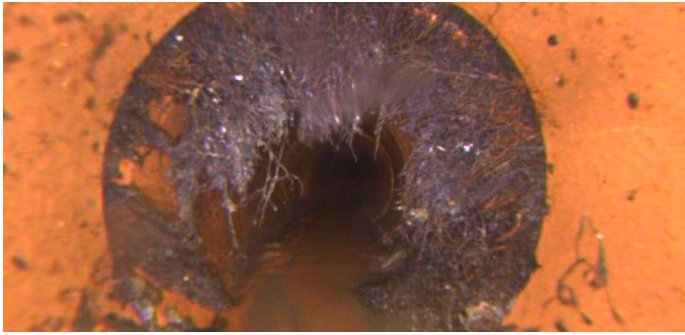
Code: **MLC**  
Description: **Lining Change**



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:

---

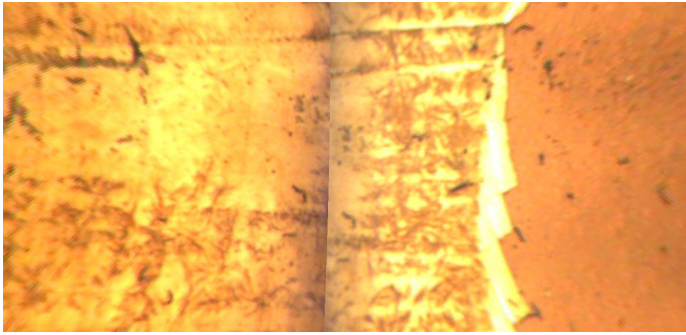
Code: **MLC**  
Description: **Lining Change**



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**

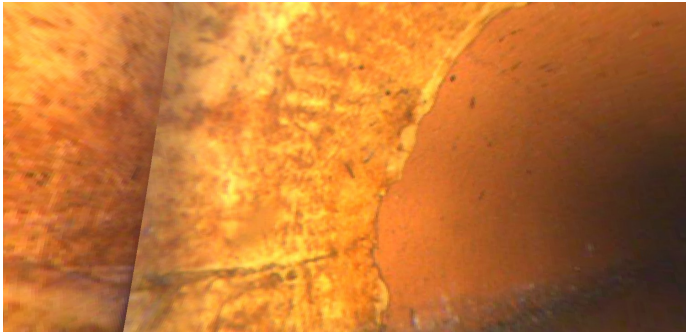


Distance (ft): **97.9**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **30.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



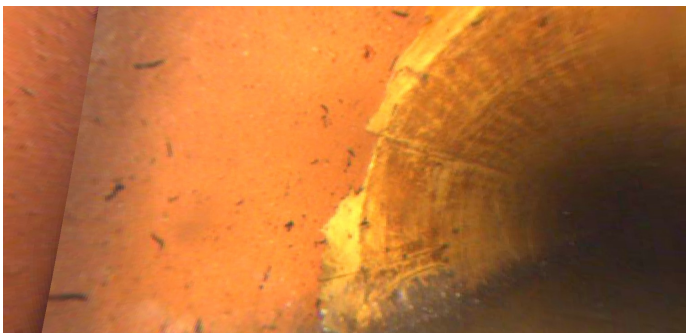
Code: **MLC**  
Description: **Lining Change**



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**

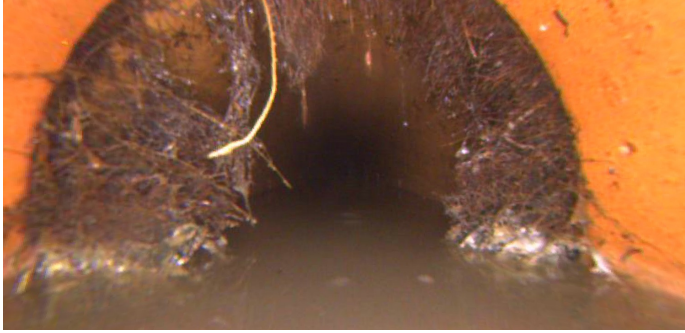


Distance (ft): **105.9**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **END CIP**

---



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:

---

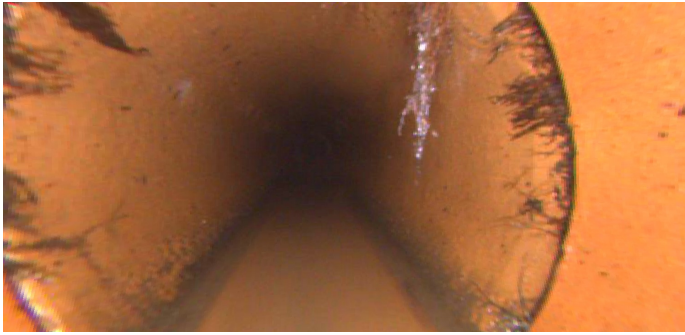
Code: **MWL**  
Description: **Water Level**



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:

---

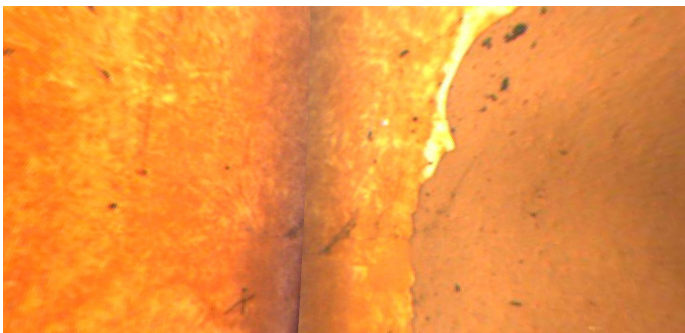
Code: **RFJ**  
Description: **Roots Fine Joint**



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**

---

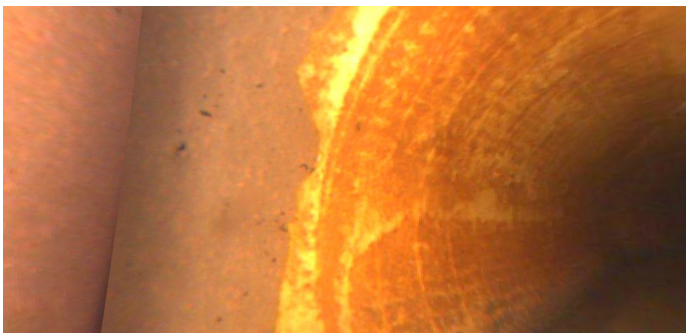
Code: **LL**  
Description: **Alignment Left**



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**

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Code:	<b>AMH</b>
Description:	<b>Manhole</b>
Distance (ft):	<b>165.1</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>M-108-010</b>