

Profile/Photo Observation Report



Date:	12/06/2024	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	238.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-507-079-078
Customer:	City of Hobart	Clean Date:	08/24/2024	Shape:	C

Street:	West 10th Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Easement/Right of Way	Tape/Media #:	
Purpose:	Sewer System Evaluation Survey (SS)	Dia/Height:	10"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Upstream
US MH:	M-507-079	DS MH:	M-507-078
		Total Length Surveyed (ft):	249.3

O&M Index:	2.43	O&M Quick:	4231	O&M Rating:	17.00
Structural Index:	2.46	Structural Quick:	5149	Structural Rating:	113.00
Overall Index:	2.45	Overall Quick:	514A	Overall Rating:	130.00

Position	Code	Observation	Video (sec)	Grade
.0	AMH	Manhole	0	NA
.0	MWL	Miscellaneous Water Level	12	NA
1.5	MGO	Miscellaneous General Observation	19	NA
2.9	LL	Line Left	52	M 4
10.0	LR	Line Right	127	M 4
10.0	BSV	Broken Soil Visible	235	S 5
12.9	FM(S01)	Fracture Multiple	316	S 4
13.6	RPP	Point Repair Patch	386	NA
15.9	FM(F01)	Fracture Multiple	420	S 4
28.2	RPPD	Point Repair Patch Patch Defective	542	S 4
32.2	TFC	Tap Factory Capped	586	NA
37.5	MWLS(S02)	Miscellaneous Water Level Sag	622	S 2
64.3	RPPD	Point Repair Patch Patch Defective	788	S 4
73.5	B	Broken	867	S 4
74.8	B	Broken	943	S 4
75.2	TBI	Tap Break-in Intruding	968	M 2
78.0	RPPD	Point Repair Patch Patch Defective	1055	S 4
80.0	TFD	Tap Factory Defective	1110	M 3
87.0	RPPD	Point Repair Patch Patch Defective	1190	S 4

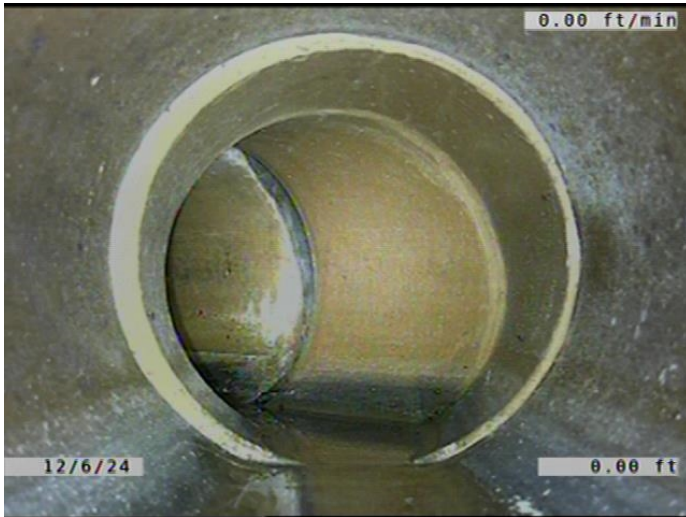
87.8	RPP	Point Repair Patch	1226	NA
101.4	MSC	Miscellaneous Shape/Size Change	1321	NA
101.4	MGO	Miscellaneous General Observation	1330	NA
101.8	RFJ	Roots Fine Joint	1389	M 1
101.8	MGO	Miscellaneous General Observation	1431	NA
105.0	MWLS(F02)	Miscellaneous Water Level Sag	1477	S 2
111.1	RPPD	Point Repair Patch Patch Defective	1587	S 4
114.1	MWLS(S03)	Miscellaneous Water Level Sag	1626	S 2
127.9	MWLS(F03)	Miscellaneous Water Level Sag	1692	S 2
132.1	MWLS(S04)	Miscellaneous Water Level Sag	1720	S 2
151.5	MWLS(F04)	Miscellaneous Water Level Sag	1807	S 2
166.4	LR	Line Right	1875	M 1
168.1	MWLS(S05)	Miscellaneous Water Level Sag	1894	S 2
189.2	MWLS(F05)	Miscellaneous Water Level Sag	1973	S 2
198.5	MWLS(S06)	Miscellaneous Water Level Sag	2018	S 2
208.8	RPPD	Point Repair Patch Patch Defective	2107	S 4
211.4	SSS	Surface Damage Surface Spalling	2197	S 2
211.4	TBI	Tap Break-in Intruding	2210	M 2
249.2	MWLS(F06)	Miscellaneous Water Level Sag	2518	S 2
249.2	MSC	Miscellaneous Shape/Size Change	2553	NA
249.2	MGO	Miscellaneous General Observation	2561	NA
249.3	MSA	Miscellaneous Survey Abandoned	2707	NA

M-507-079



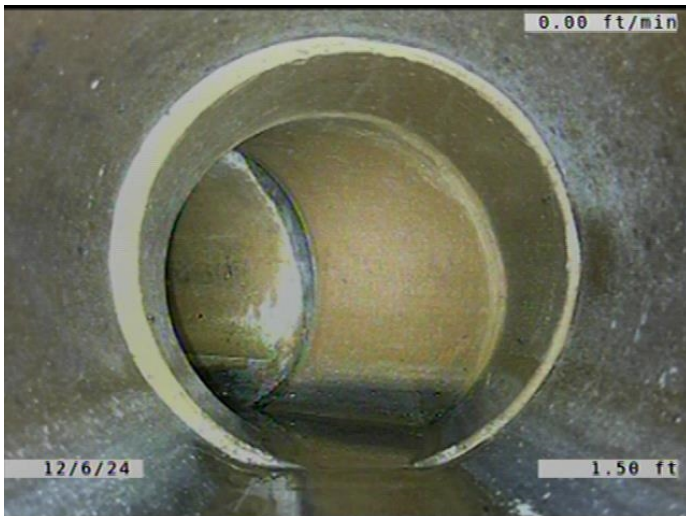
Code: **AMH**
Description: **Manhole**

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-507-078**



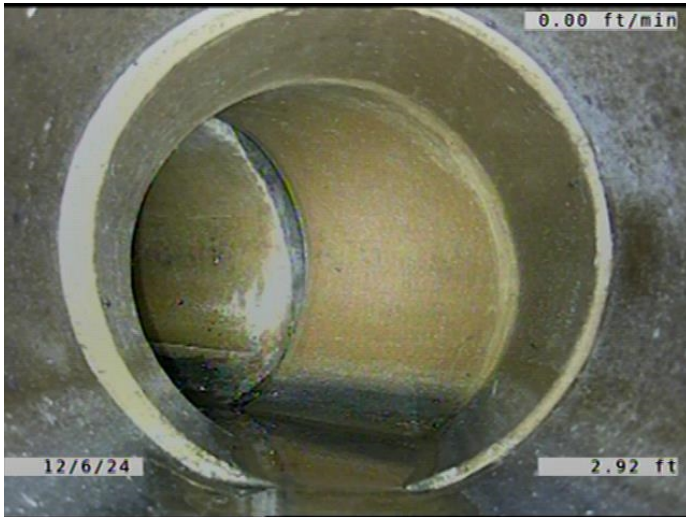
Code: **MWL**
Description: **Miscellaneous Water Level**

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:



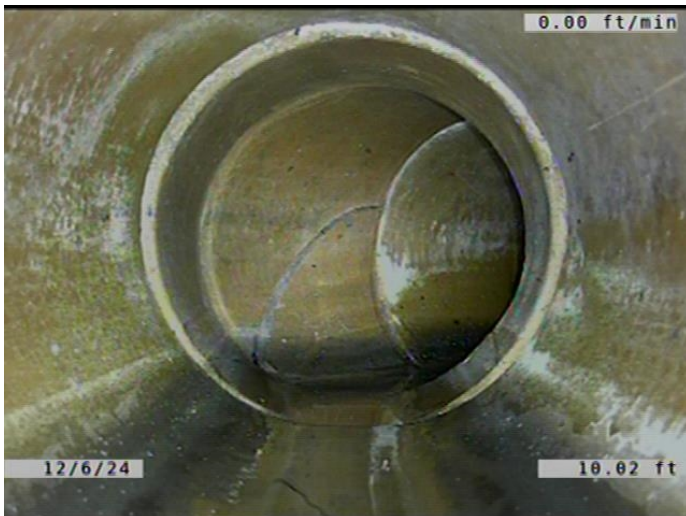
Code: **MGO**
Description: **Miscellaneous General Observation**

Distance (ft): **1.5**
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: **CHANNEL MISSING IN THE
MANHOLE. HAD TO START IN THE PI**



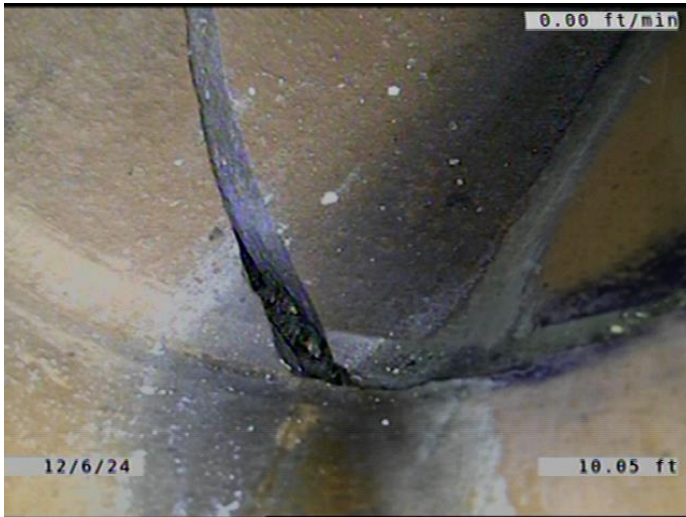
Code: **LL**
Description: **Line Left**

Distance (ft): **2.9**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **50.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



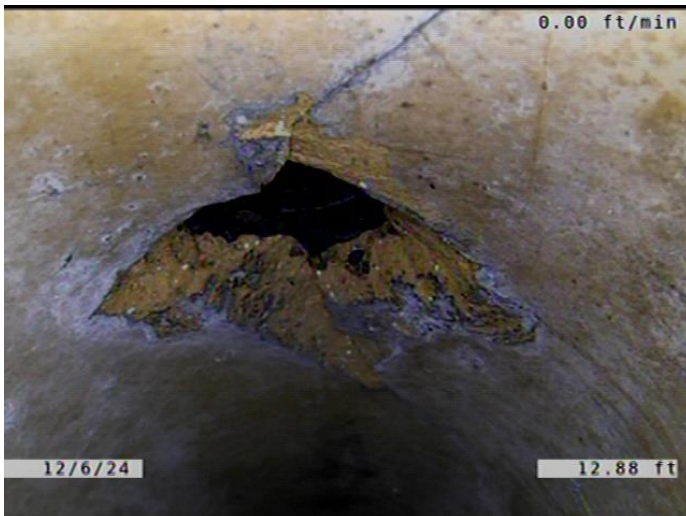
Code: **LR**
Description: **Line Right**

Distance (ft): **10.0**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **50.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



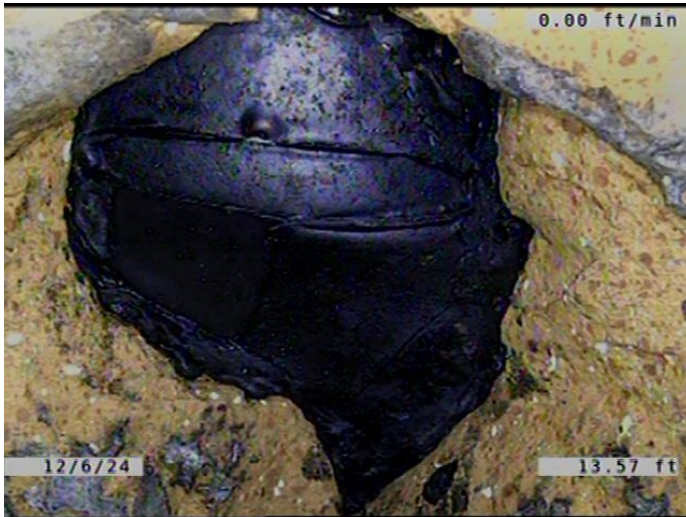
Code: **BSV**
Description: **Broken Soil Visible**

Distance (ft): **10.0**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **4**
Clock To: **10**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **FM**
Description: **Fracture Multiple**

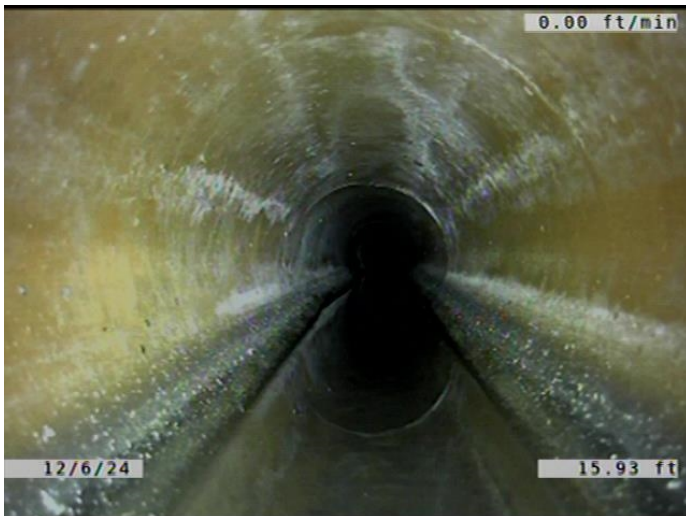
Distance (ft): **12.9**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:



Code: **RPP**
Description: **Point Repair Patch**

Distance (ft): **13.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **1**

1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **HOLE LOOKS TO BE TARRED OVER.**



Code: **FM**
Description: **Fracture Multiple**

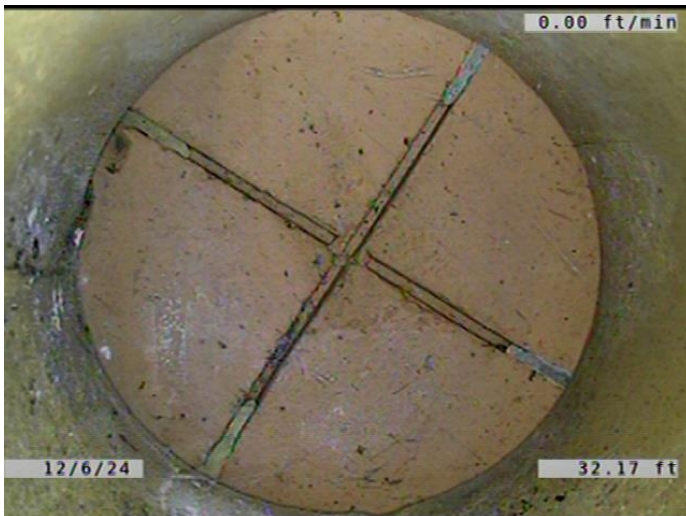
Distance (ft): **15.9**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **3**

1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



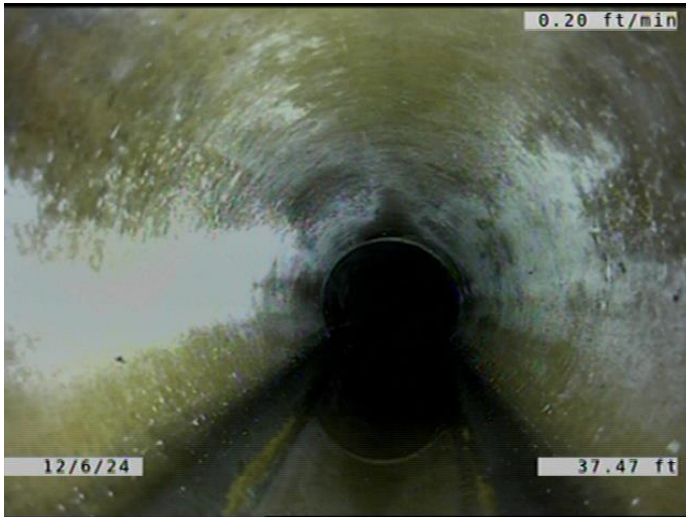
Code: **RPPD**
Description: **Point Repair Patch Patch Defective**

Distance (ft): **28.2**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **REPAIRED WITH VCP. REPAIR BROKEN.**



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

Distance (ft): **32.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



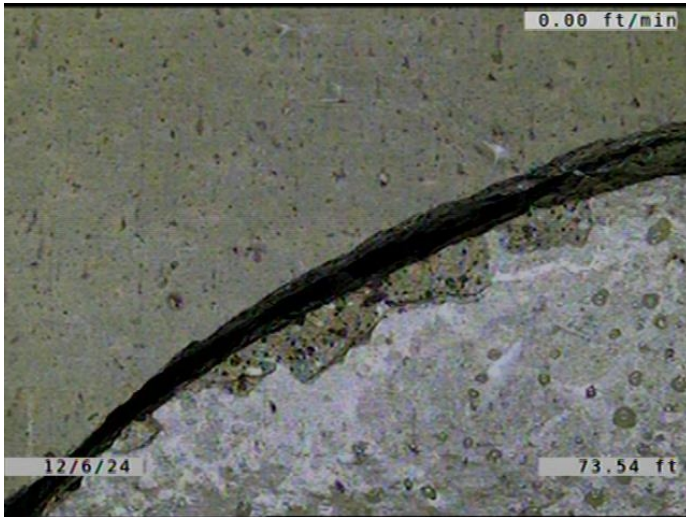
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **37.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:



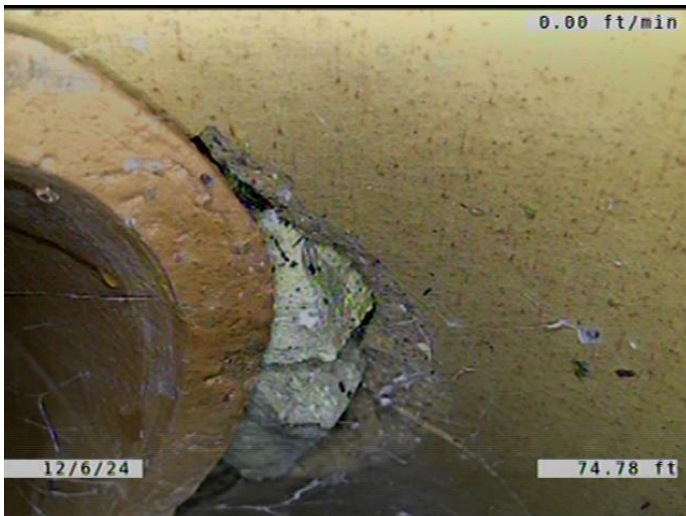
Code: **RPPD**
Description: **Point Repair Patch Patch Defective**

Distance (ft): **64.3**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **PATCHED WITH A BAG OF CONCRETE.**



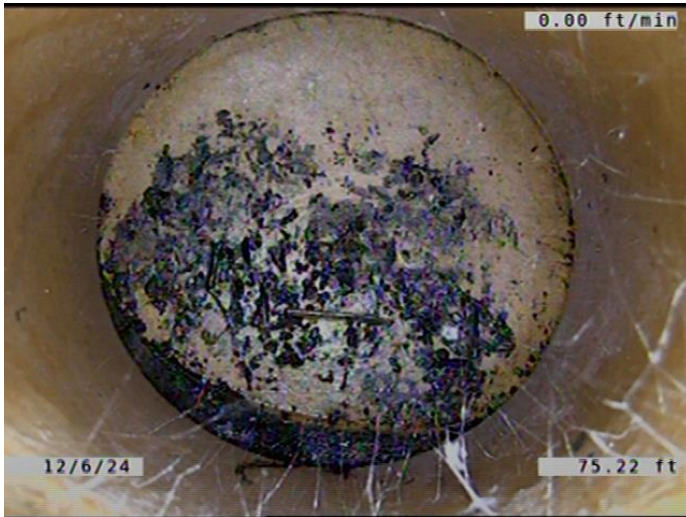
Code: **B**
Description: **Broken**

Distance (ft): **73.5**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



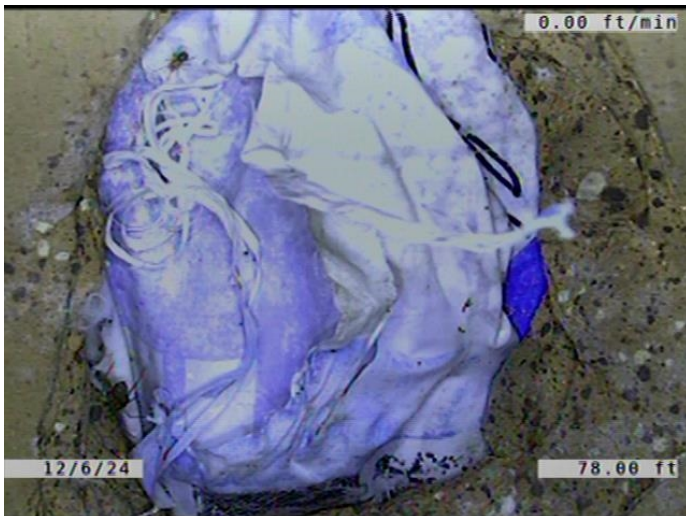
Code: **B**
Description: **Broken**

Distance (ft): **74.8**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



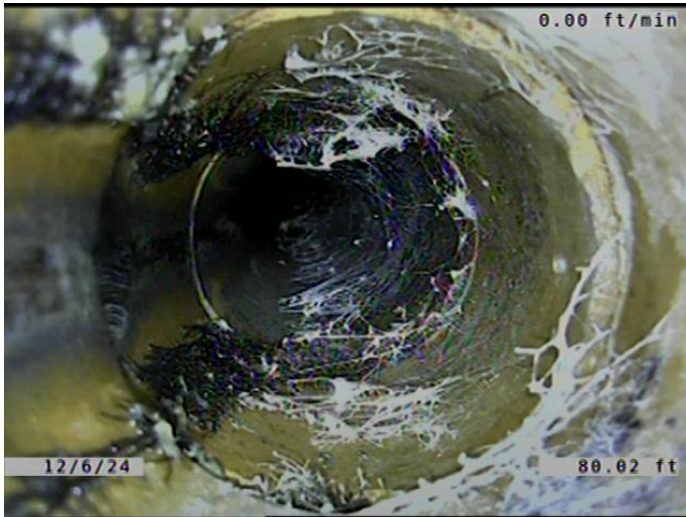
Code: **TBI**
Description: **Tap Break-in Intruding**

Distance (ft): **75.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **12**
Clock To:
1st Value: **6.000**
2nd Value: **1.000**
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **CAPPED.**

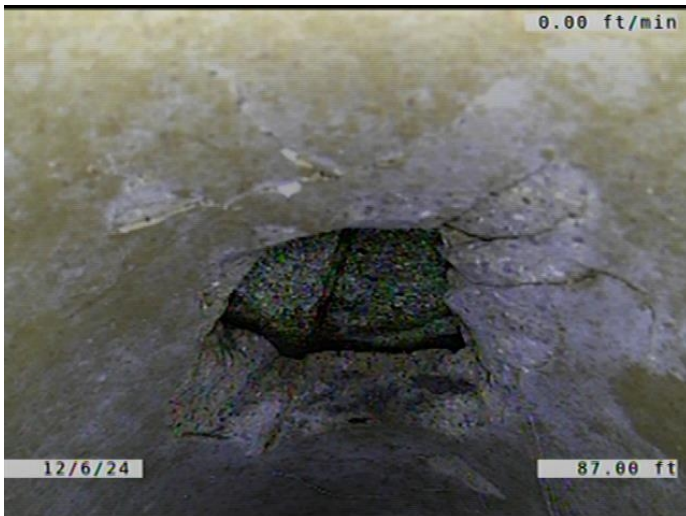


Code: **RPPD**
Description: **Point Repair Patch Patch Defective**

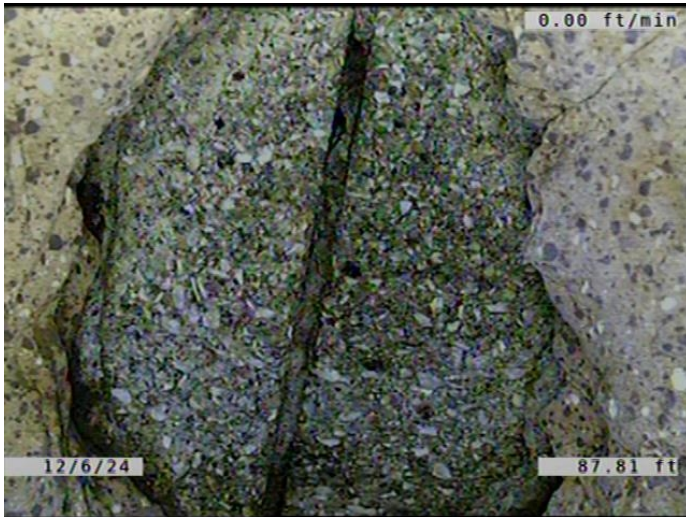
Distance (ft): **78.0**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **REPAIRED WITH A BAG OF CONCRETE.**



Code:	TFD
Description:	Tap Factory Defective
Distance (ft):	80.0
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	9
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	ROOTS GROWING IN THE JOINTS AND INTO THE MAIN.



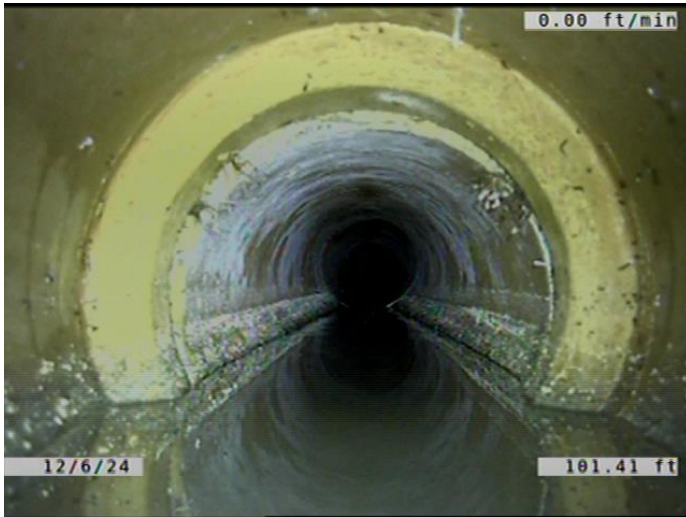
Code:	RPPD
Description:	Point Repair Patch Patch Defective
Distance (ft):	87.0
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	10
Clock To:	2
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	REPAIRED WITH VCP. REPAIR BROKEN.



Code:	RPP
Description:	Point Repair Patch
Distance (ft):	87.8
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	11
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	REPAIRED WITH A CONCRETE BRICK.



Code:	MSC
Description:	Miscellaneous Shape/Size Change
Distance (ft):	101.4
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	8.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code: **MGO**
Description: **Miscellaneous General Observation**

Distance (ft): **101.4**
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: **PIPE REDUCES FROM 10" VCP TO 8" VCP.**



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

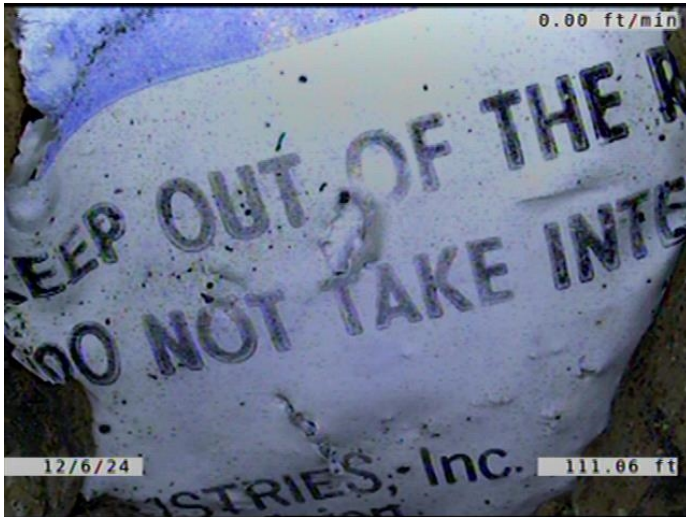
Distance (ft): **101.8**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code:	MGO
Description:	Miscellaneous General Observation
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:	MADE A WHEEL CHANGE TO MADE IT INTO THE 8" REDUCTION.



Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	105.0
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	F02
Within 8" of Joint:	NO
Remarks:	



Code:	RPPD
Description:	Point Repair Patch Patch Defective
Distance (ft):	111.1
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	11
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	REPAIRED WITH A BAG OF CONCRETE.

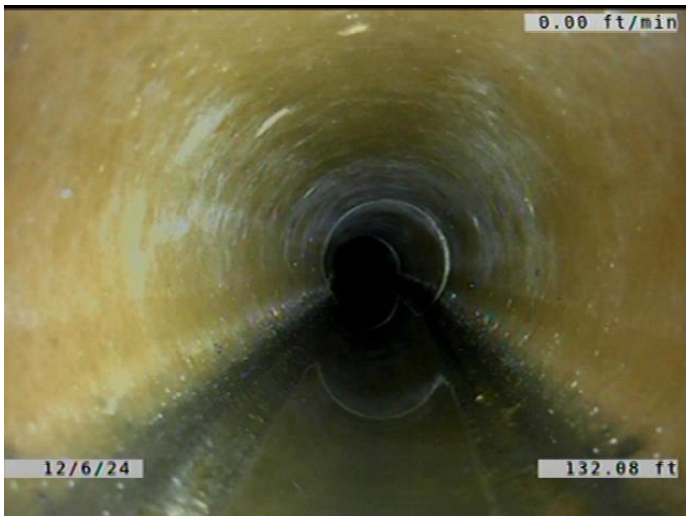


Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	114.1
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	S03
Within 8" of Joint:	NO
Remarks:	



Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **127.9**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:



Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **132.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S04**
Within 8" of Joint: **NO**
Remarks:



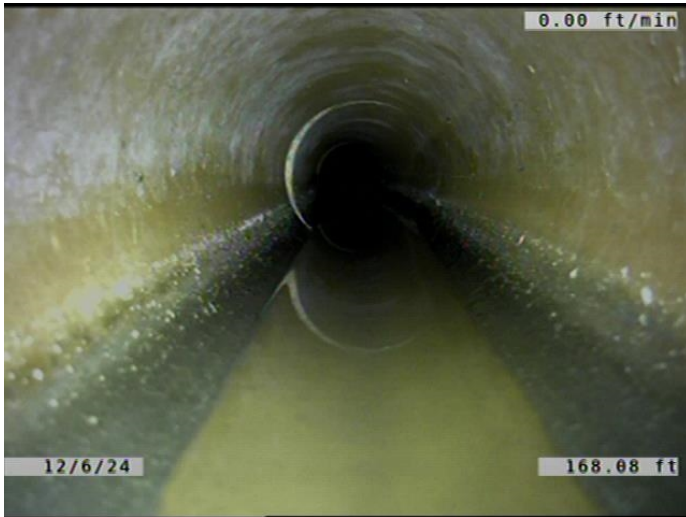
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **151.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F04**
Within 8" of Joint: **NO**
Remarks:



Code: **LR**
Description: **Line Right**

Distance (ft): **166.4**
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:



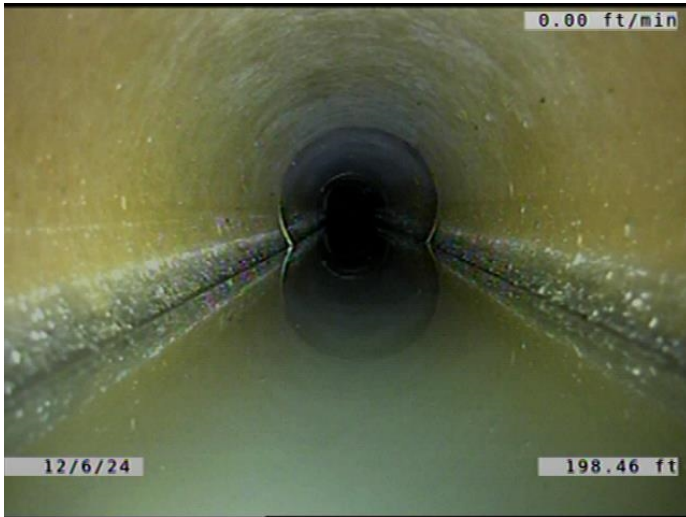
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **168.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S05**
Within 8" of Joint: **NO**
Remarks:



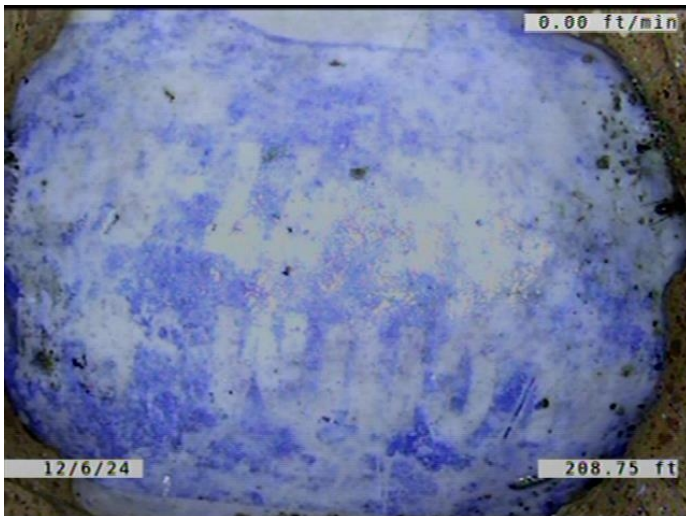
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **189.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F05**
Within 8" of Joint: **NO**
Remarks:



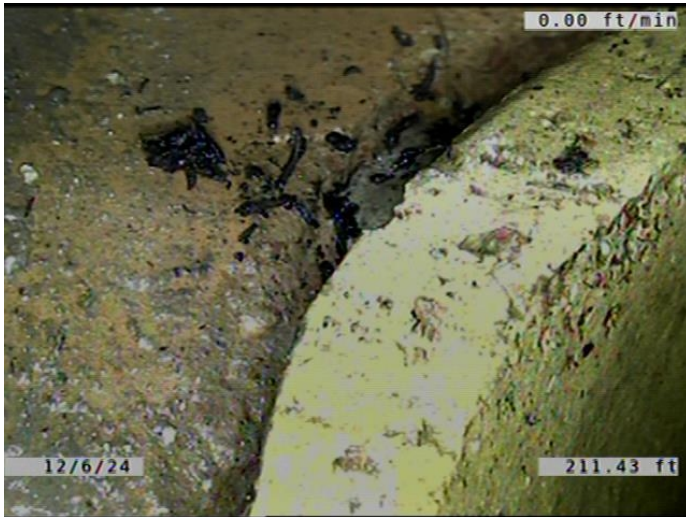
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **198.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S06**
Within 8" of Joint: **NO**
Remarks:



Code: **RPPD**
Description: **Point Repair Patch Patch Defective**

Distance (ft): **208.8**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **REPAIRED WITH A BAG OF CONCRETE.**



Code:	SSS
Description:	Surface Damage Surface Spalling
Distance (ft):	211.4
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	9
Clock To:	11
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	TBI
Description:	Tap Break-in Intruding
Distance (ft):	211.4
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	10
Clock To:	
1st Value:	6.000
2nd Value:	1.000
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	CONSTANTLY RUNNING WATER.



Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **249.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F06**
Within 8" of Joint: **NO**
Remarks:

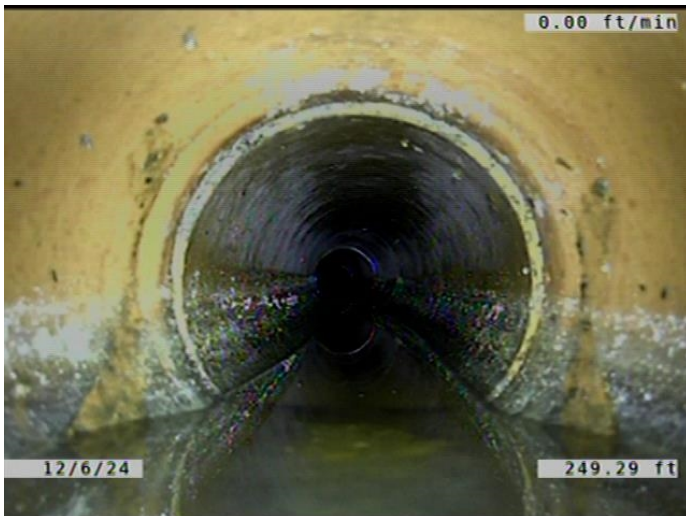


Code: **MSC**
Description: **Miscellaneous Shape/Size Change**

Distance (ft): **249.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code:	MGO
Description:	Miscellaneous General Observation
Distance (ft):	249.2
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:	PIPE REDUCED FROM 8" VCP TO 6" VCP.



Code:	MSA
Description:	Miscellaneous Survey Abandoned
Distance (ft):	249.3
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:	CAMERA CANT MAKE IT INTO THE 6" PIPE.