

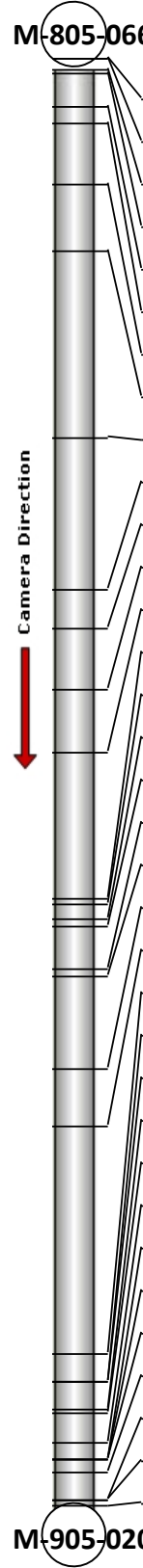
Profile/Photo Observation Report

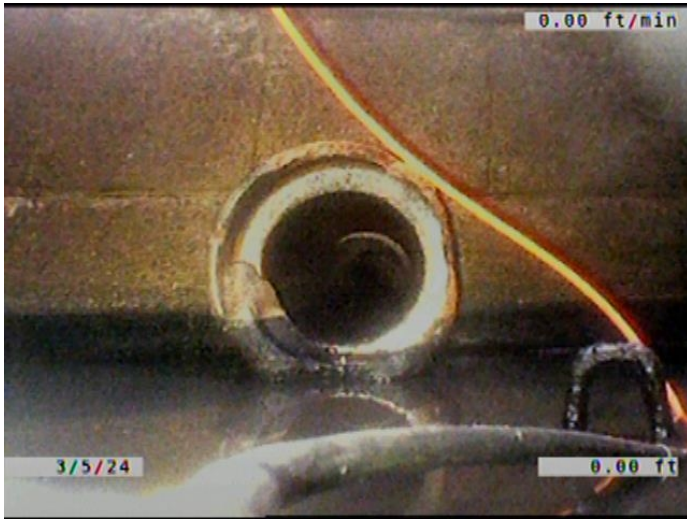


Date:	03/05/2024	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	184.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:		Surveyor:	S. Bucklin	PSR:	P-905-020-066
Customer:	City of Hobart	Clean Date:	10/14/2022	Shape:	C

Street:	SR-130	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Parking Lot	Tape/Media #:	
Purpose:	Sewer System Evaluation Survey (SS	Dia/Height:	6"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Upstream
US MH:	M-905-020	DS MH:	M-805-066
		Total Length Surveyed (ft):	183.1

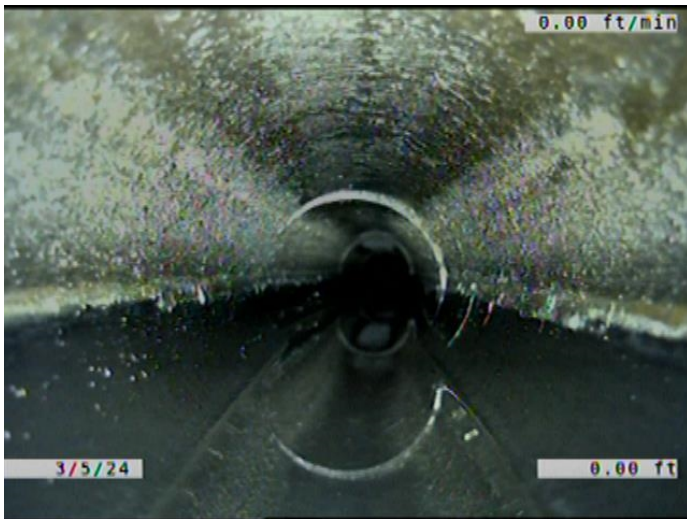
O&M Index:	1.87	O&M Quick:	312D	O&M Rating:	58.00
Structural Index:	2.70	Structural Quick:	5242	Structural Rating:	173.00
Overall Index:	2.43	Overall Quick:	5242	Overall Rating:	231.00

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	13	NA
	1.5	MGO	Miscellaneous General Observation	20	NA
	1.8	DAGS(S01)	Deposits Attached Grease	34	M 2
	6.0	MWLS(S02)	Miscellaneous Water Level Sag	80	S 2
	8.3	JOMD(S03)	Joint Offset Medium Defective	111	S 3
	15.9	LL	Line Left	177	M 1
	24.3	LR	Line Right	238	M 1
	47.9	LR	Line Right	390	M 1
	67.1	MWLS(F02)	Miscellaneous Water Level Sag	500	S 2
	72.0	MWLS	Miscellaneous Water Level Sag	539	S 2
	79.8	MWLS(S04)	Miscellaneous Water Level Sag	592	S 2
	87.7	LR	Line Right	652	M 1
	106.2	RPR	Point Repair Replacement	953	NA
	107.0	TFD	Tap Factory Defective	1029	M 3
	108.9	MWLS(F04)	Miscellaneous Water Level Sag	1124	S 2
	109.8	DAGS(F01)	Deposits Attached Grease	1144	M 2
	115.1	MWLS(S05)	Miscellaneous Water Level Sag	1188	S 2
	116.1	LL	Line Left	1204	M 1
	127.9	LL	Line Left	1334	M 2
	135.1	MWLS(F05)	Miscellaneous Water Level Sag	1409	S 2
	163.8	CS	Crack Spiral	1649	S 2
	167.5	BVV	Broken Void Visible	1899	S 5
	167.5	DAE	Deposits Attached Encrustation	1934	M 2
	170.9	MWLS(S06)	Miscellaneous Water Level Sag	1983	S 2
	171.5	B(S07)	Broken	2051	S 4
	175.1	MWLS(F06)	Miscellaneous Water Level Sag	2124	S 2
	177.2	HVV	Hole Void Visible	2305	S 5
	177.2	B(F07)	Broken	2329	S 4
	177.2	RPRD(S08)	Point Repair Replacement Defective	2356	S 4
	178.8	LU	Line Up	2428	M 2
	182.4	RPRD(F08)	Point Repair Replacement Defective	2467	S 4
	182.4	JOMD(F03)	Joint Offset Medium Defective	2476	S 3
	183.1	AMH	Manhole	2584	NA
M-905-020					



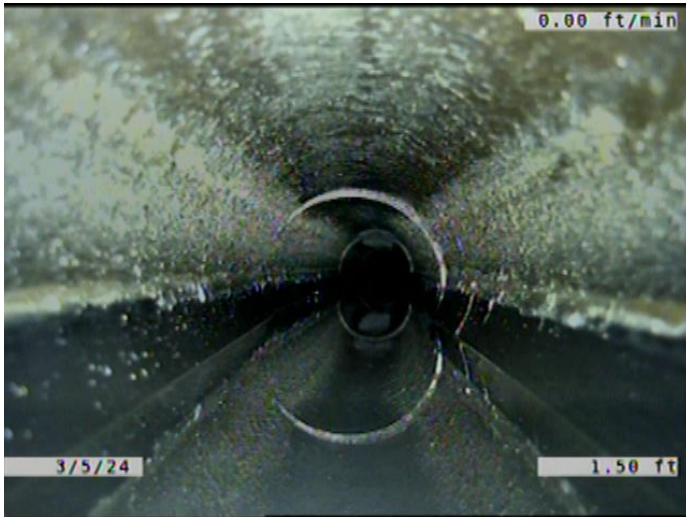
Code: **AMH**
Description: **Manhole**

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-805-066**



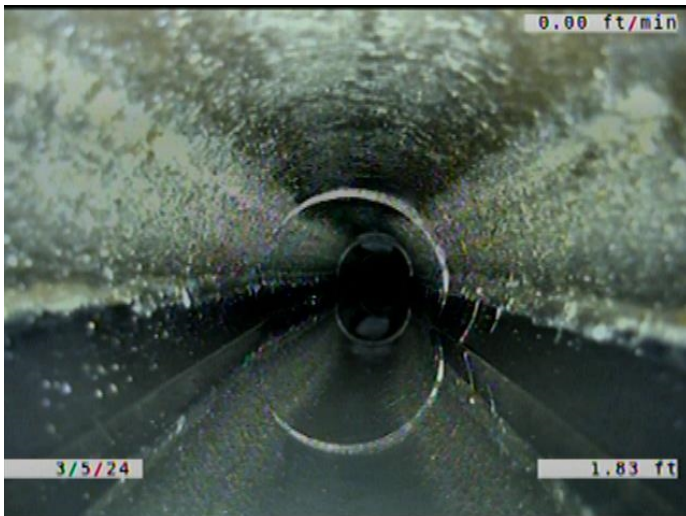
Code: **MWL**
Description: **Miscellaneous Water Level**

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:



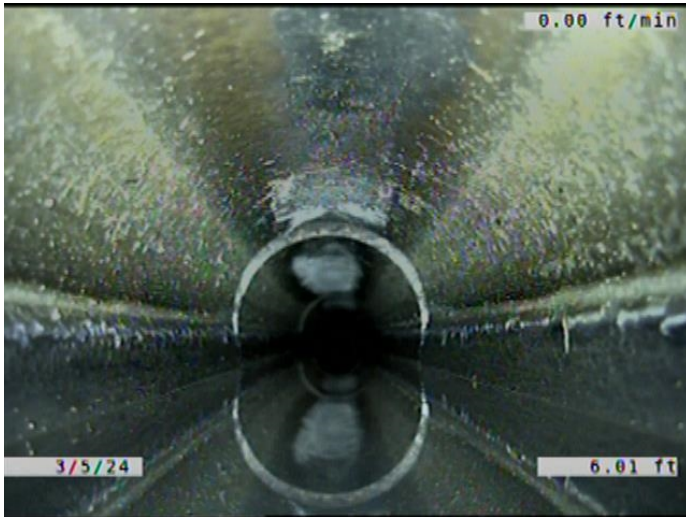
Code: **MGO**
Description: **Miscellaneous General Observation**

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: **DROP INTO THE MANHOLE. HAD TO START IN THE PIPE.**



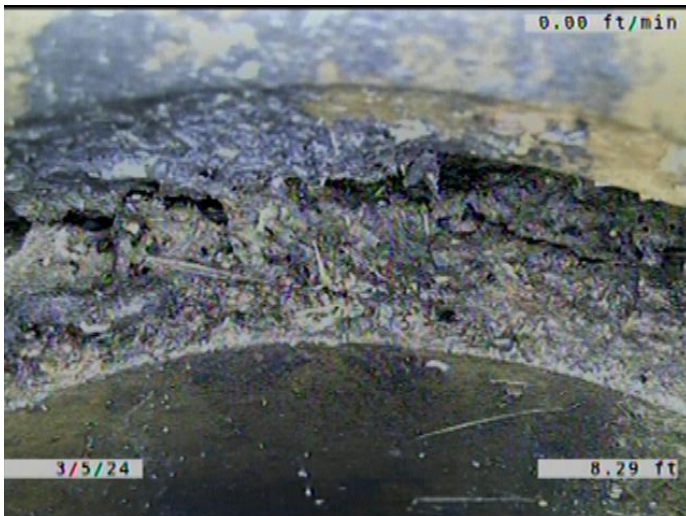
Code: **DAGS**
Description: **Deposits Attached Grease**

Distance (ft): **1.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:



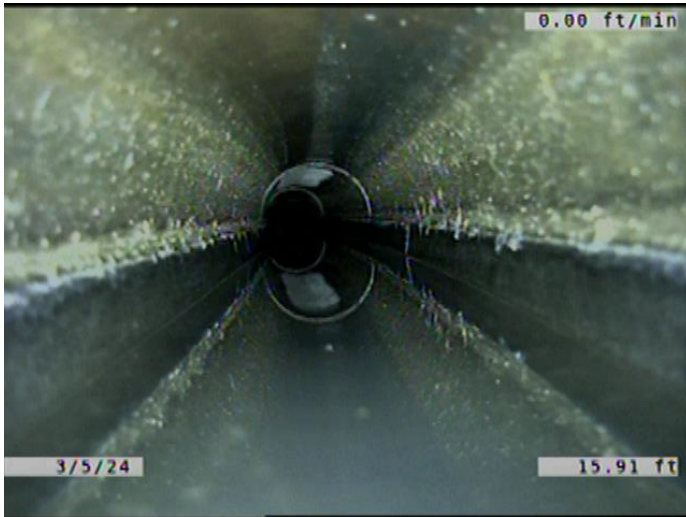
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **6.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:



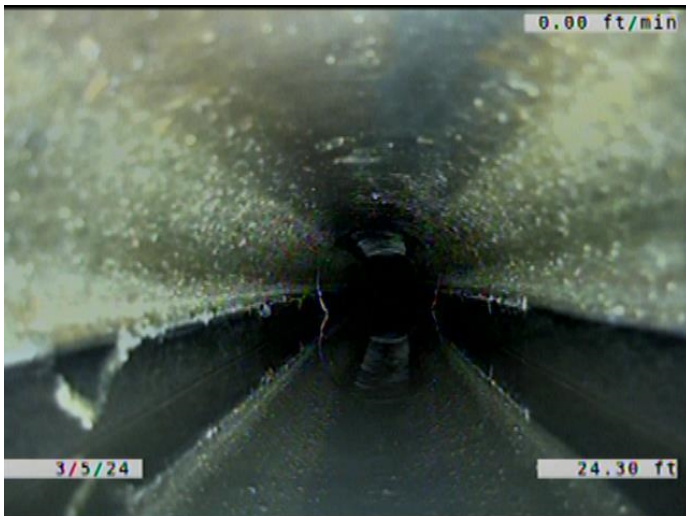
Code: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **8.3**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S03**
Within 8" of Joint: **NO**
Remarks:



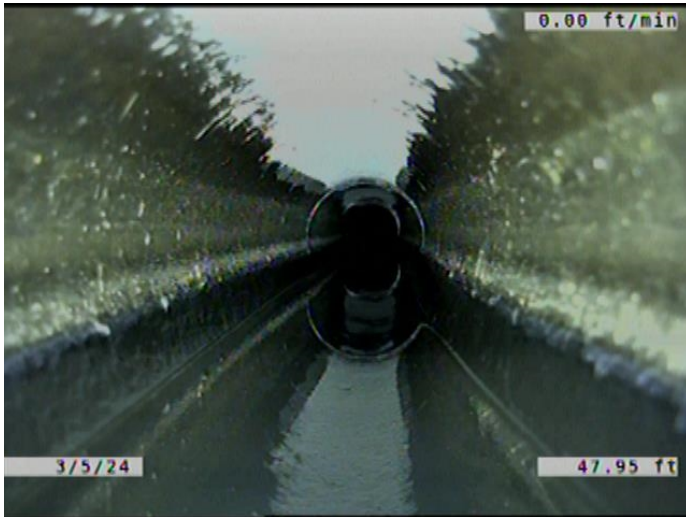
Code: **LL**
Description: **Line Left**

Distance (ft): **15.9**
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:



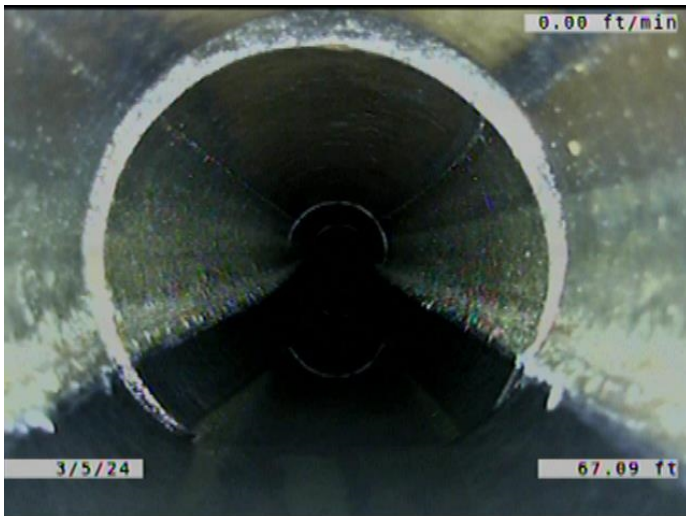
Code: **LR**
Description: **Line Right**

Distance (ft): **24.3**
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:



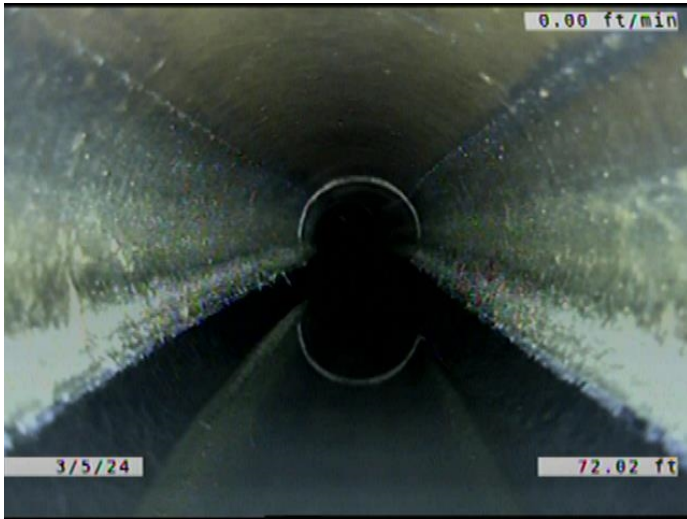
Code: **LR**
Description: **Line Right**

Distance (ft): **47.9**
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: **MWLS**
Description: **Miscellaneous Water Level Sag**

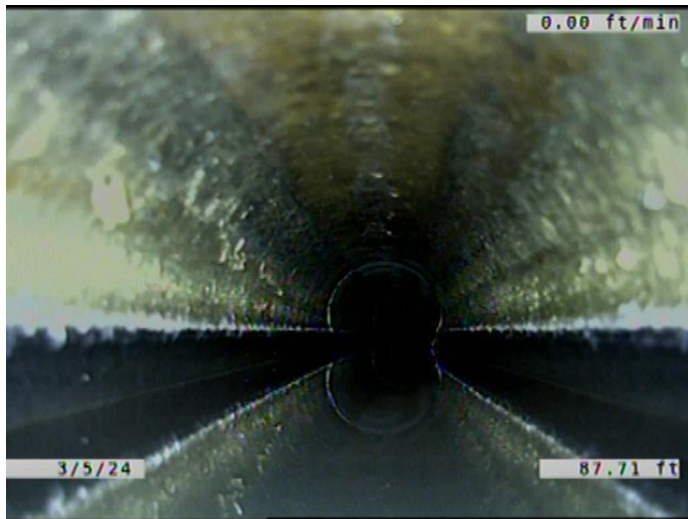
Distance (ft): **67.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:



Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	72.0
Structural Grade:	2
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:	

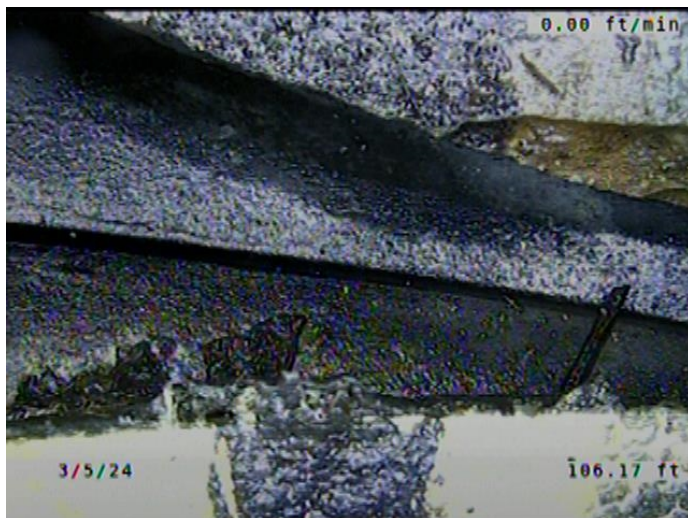


Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	79.8
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	20.000
Continuous Index:	S04
Within 8" of Joint:	NO
Remarks:	



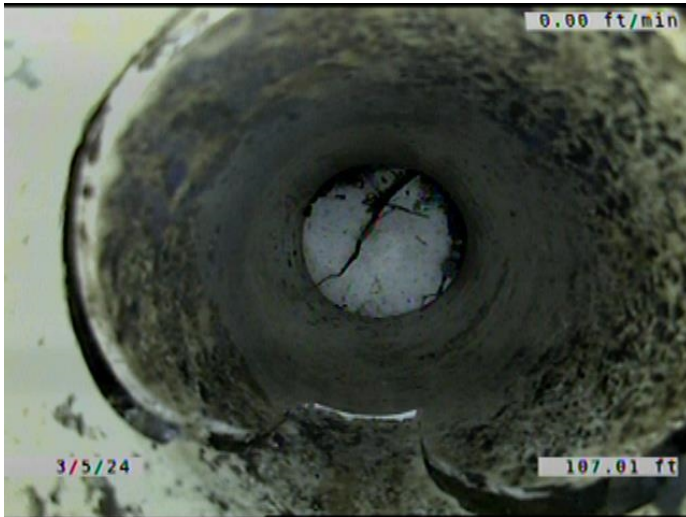
Code: **LR**
 Description: **Line Right**

Distance (ft): **87.7**
 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: **RPR**
 Description: **Point Repair Replacement**

Distance (ft): **106.2**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **REPLACED WITH PVC.**



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

Distance (ft): **107.0**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **12**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **TAP BROKEN. SERVICE BROKEN. SOIL VISIBLE. SERVICE CAPPED.**



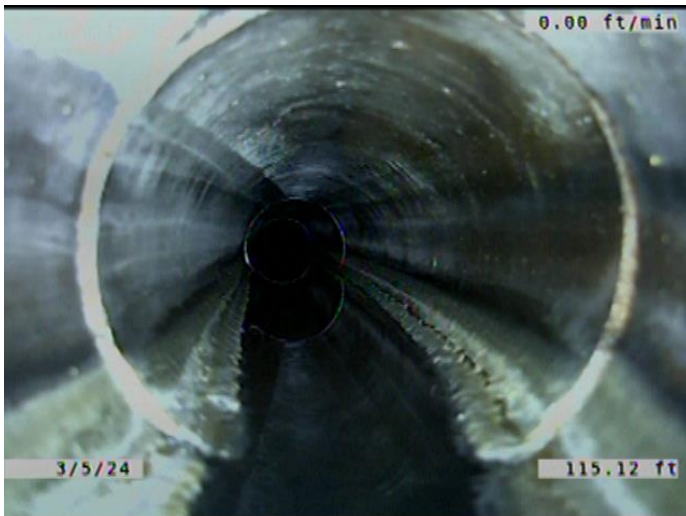
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **108.9**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **F04**
Within 8" of Joint: **NO**
Remarks:



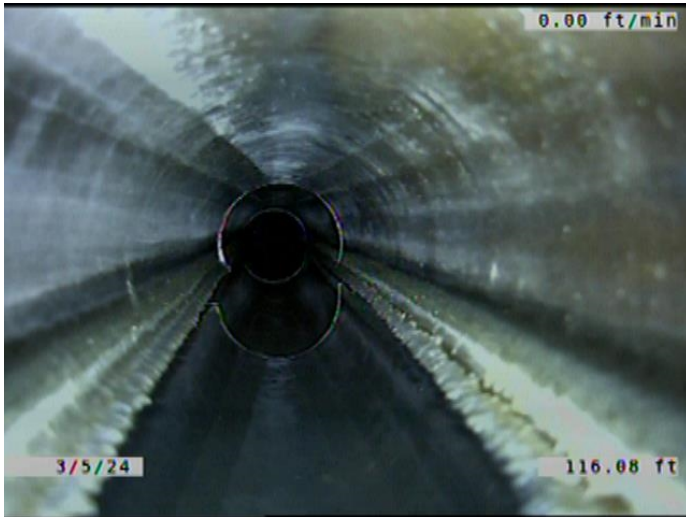
Code: **DAGS**
Description: **Deposits Attached Grease**

Distance (ft): **109.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



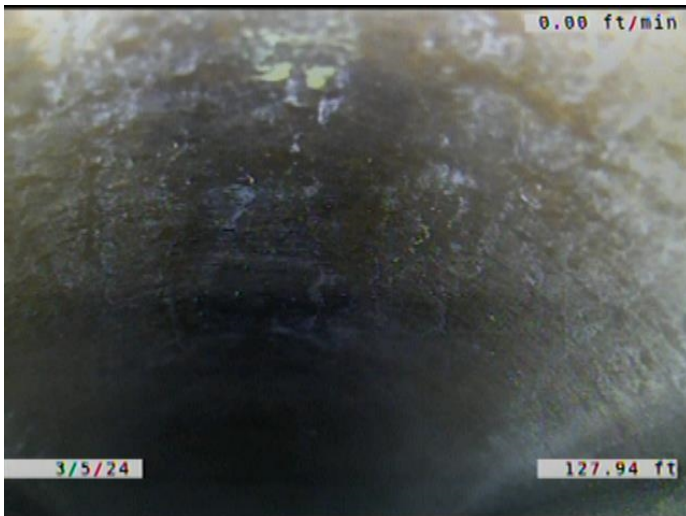
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **115.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index: **S05**
Within 8" of Joint: **NO**
Remarks:



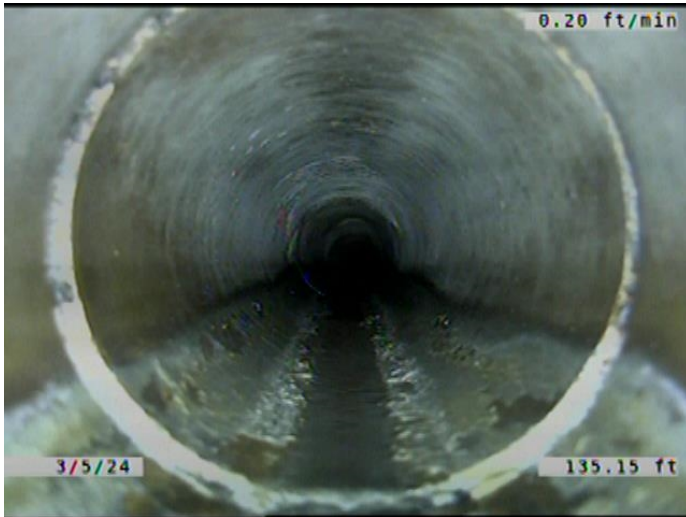
Code: **LL**
Description: **Line Left**

Distance (ft): **116.1**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



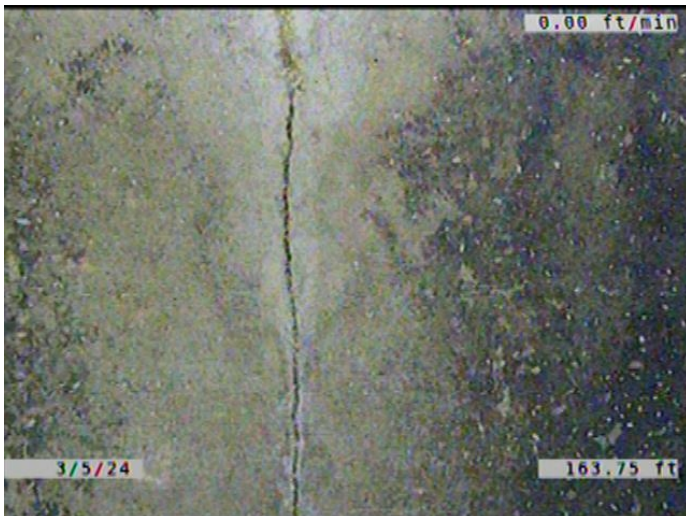
Code: **LL**
Description: **Line Left**

Distance (ft): **127.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



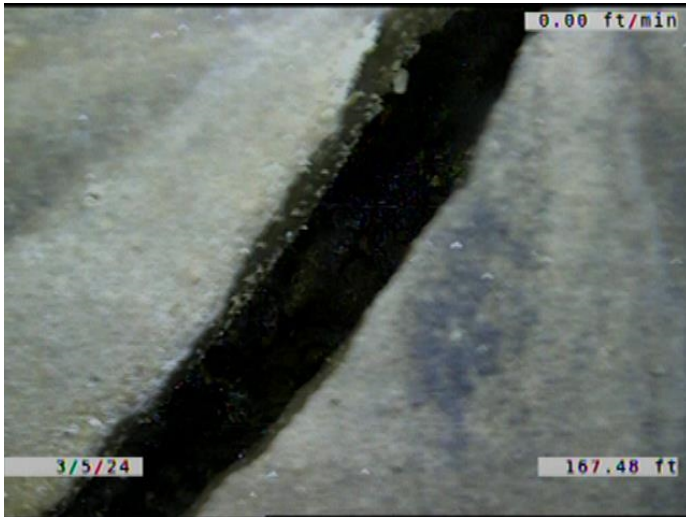
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **135.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index: **F05**
Within 8" of Joint: **NO**
Remarks:



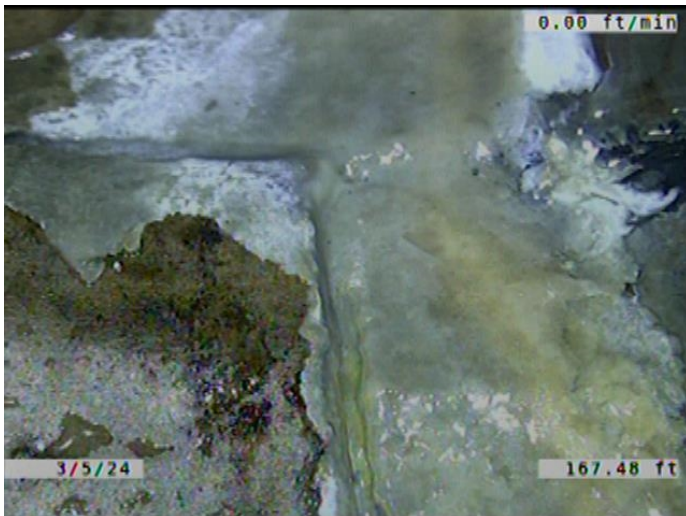
Code: **CS**
Description: **Crack Spiral**

Distance (ft): **163.8**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **BVV**
Description: **Broken Void Visible**

Distance (ft): **167.5**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **8**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **SOIL VISIBLE ALSO.**



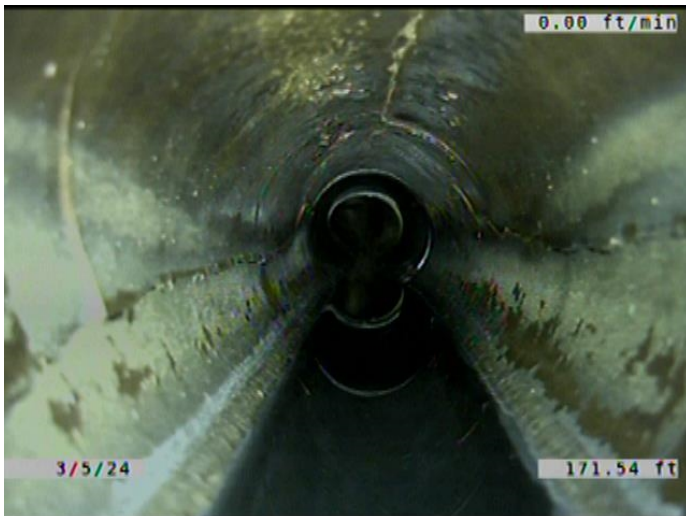
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **167.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To: **8**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **170.9**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S06**
Within 8" of Joint: **NO**
Remarks:



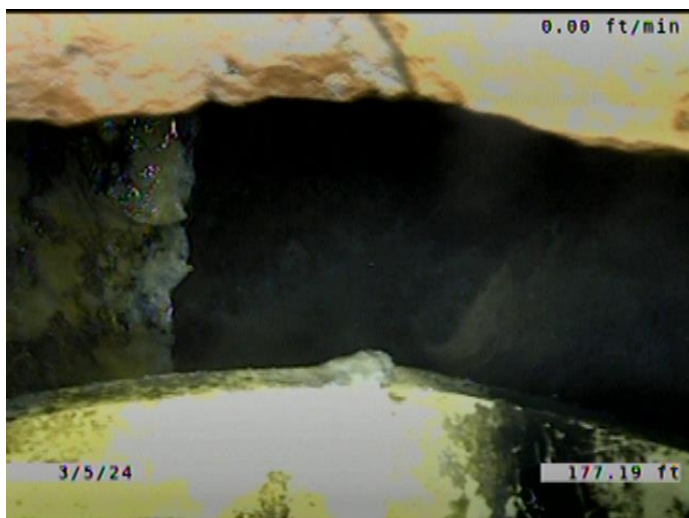
Code: **B**
Description: **Broken**

Distance (ft): **171.5**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S07**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **175.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F06**
Within 8" of Joint: **NO**
Remarks:



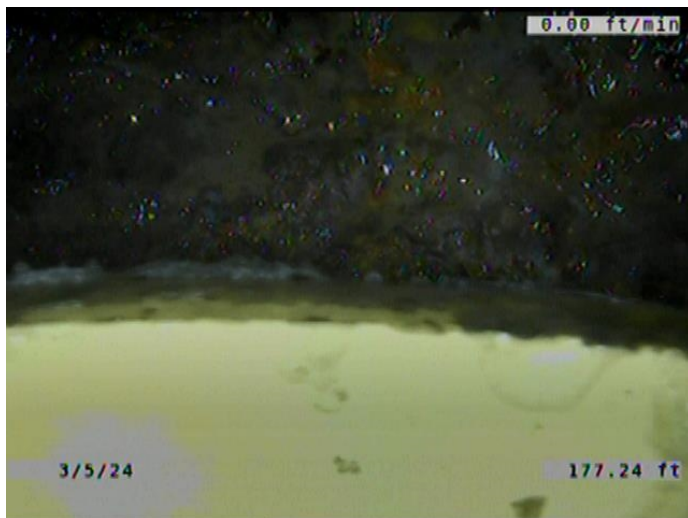
Code: **HVV**
Description: **Hole Void Visible**

Distance (ft): **177.2**
Structural Grade: **5**
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: **VOID AND SOIL VISIBLE. WATER EXITING THE PIPE.**



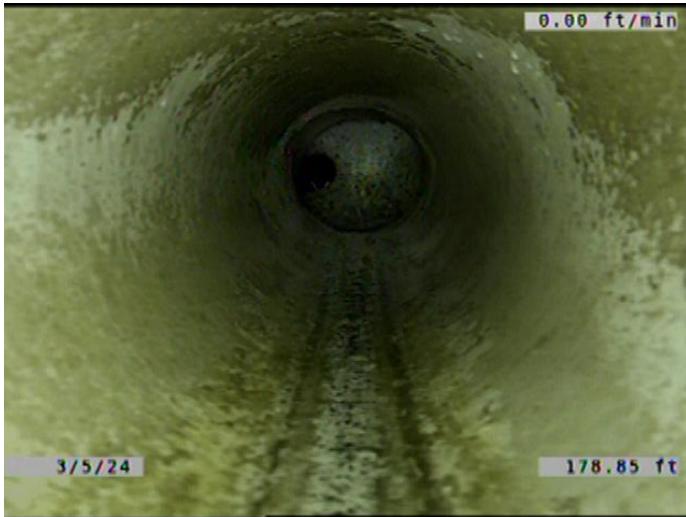
Code: **B**
Description: **Broken**

Distance (ft): **177.2**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F07**
Within 8" of Joint: **YES**
Remarks:



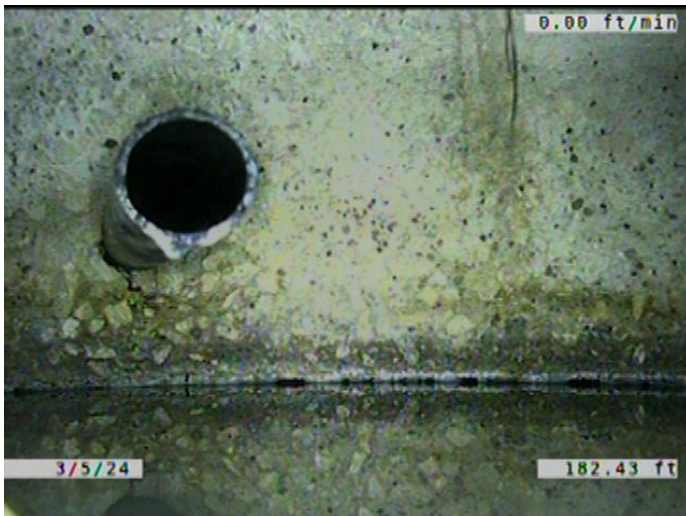
Code: **RPRD**
Description: **Point Repair Replacement Defective**

Distance (ft): **177.2**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S08**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC. HVV.**



Code: **LU**
Description: **Line Up**

Distance (ft): **178.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code: **RPRD**
Description: **Point Repair Replacement Defective**

Distance (ft): **182.4**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F08**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC. HVV.**



Code: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **182.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **183.1**
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-905-020**