

Profile/Photo Observation Report



Date:	01/30/2022	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	235.3	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-606-094-090
Customer:	City of Hobart	Clean Date:	01/30/2022	Shape:	C

Street:	North Lake Shore Drive	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Local rural streets with light traffic, t	Tape/Media #:	
Purpose:	Routine Assessment	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-606-094	DS MH:	M-606-090
		Total Length Surveyed (ft):	235.3

O&M Index:	2.00	O&M Quick:	2E00	O&M Rating:	64.00
Structural Index:	2.55	Structural Quick:	4237	Structural Rating:	51.00
Overall Index:	2.21	Overall Quick:	4237	Overall Rating:	115.00

	Position	Code	Observation	Video (sec)	Grade
M-606-090					
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	76	NA
	6.8	JOM	Joint Offset Medium	148	S 3
	39.0	MWLS(S01)	Miscellaneous Water Level Sag	297	S 2
	47.2	JOM	Joint Offset Medium	342	S 3
	51.4	JOM	Joint Offset Medium	383	S 3
	51.7	B	Broken	408	S 4
	65.4	MWLS(F01)	Miscellaneous Water Level Sag	481	S 2
	68.6	TF	Tap Factory	513	NA
	69.3	JOM	Joint Offset Medium	530	S 3
	79.2	MWLS(S02)	Miscellaneous Water Level Sag	575	S 2
	88.3	MWLS(F02)	Miscellaneous Water Level Sag	636	S 2
	93.7	DAE	Deposits Attached Encrustation	687	M 2
	93.7	DAE	Deposits Attached Encrustation	709	M 2
	101.7	SZ	Surface Damage Other	771	NA
	109.6	JOM	Joint Offset Medium	818	S 3
	114.0	DAE	Deposits Attached Encrustation	864	M 2
	114.0	B	Broken	891	S 4
	117.6	DSF(S03)	Deposits Settled Fine	920	M 2
	125.6	JOMD	Joint Offset Medium Defective	988	S 3
	130.7	TF	Tap Factory	1040	NA
	144.0	DAE	Deposits Attached Encrustation	1115	M 2
	160.0	DAE	Deposits Attached Encrustation	1206	M 2
	168.1	DAE	Deposits Attached Encrustation	1278	M 2
	188.1	DAE	Deposits Attached Encrustation	1373	M 2
	197.4	MWLS(S04)	Miscellaneous Water Level Sag	1420	S 2
	212.3	DAE	Deposits Attached Encrustation	1488	M 2
	218.2	MWLS(F04)	Miscellaneous Water Level Sag	1529	S 2
	228.2	DAE	Deposits Attached Encrustation	1595	M 2
	228.3	JOMD	Joint Offset Medium Defective	1607	S 3
	233.5	DSF(F03)	Deposits Settled Fine	1641	M 2
	235.3	AMH	Manhole	1726	NA
M-606-094					

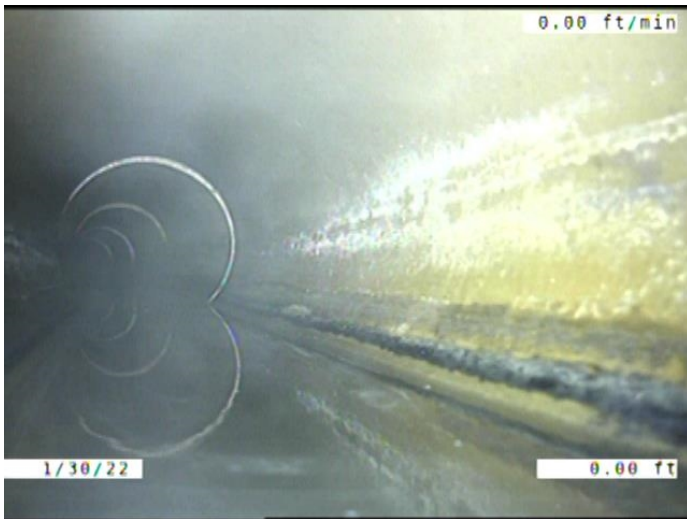
Camera Direction





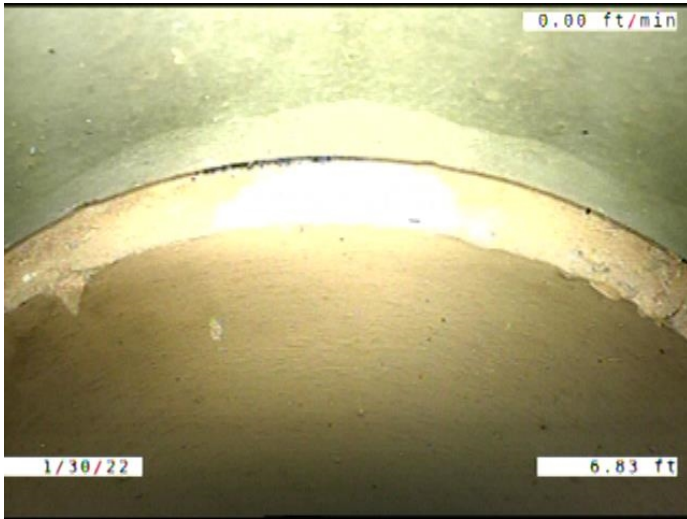
Code: **AMH**
 Description: **Manhole**

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-606-090**



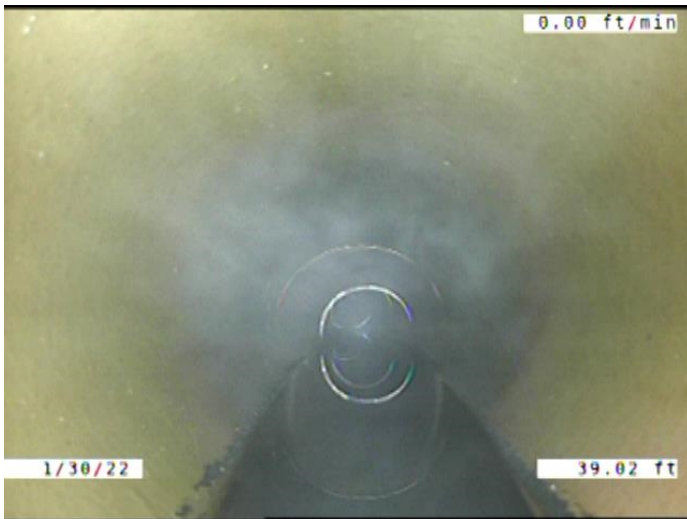
Code: **MWL**
 Description: **Miscellaneous Water Level**

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:



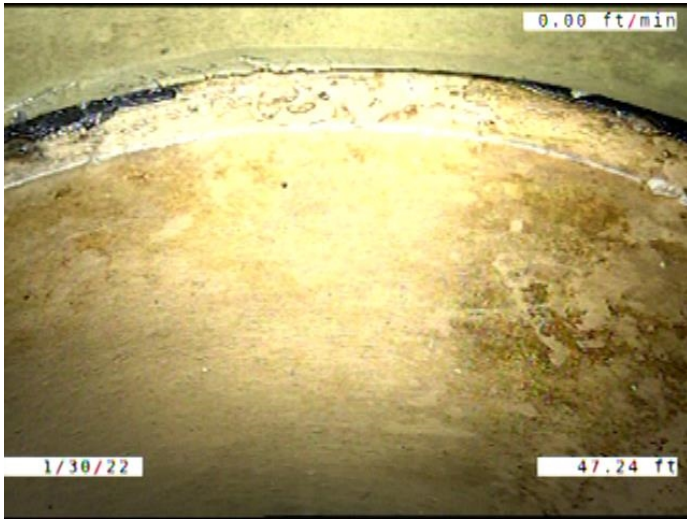
Code: **JOM**
Description: **Joint Offset Medium**

Distance (ft): **6.8**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



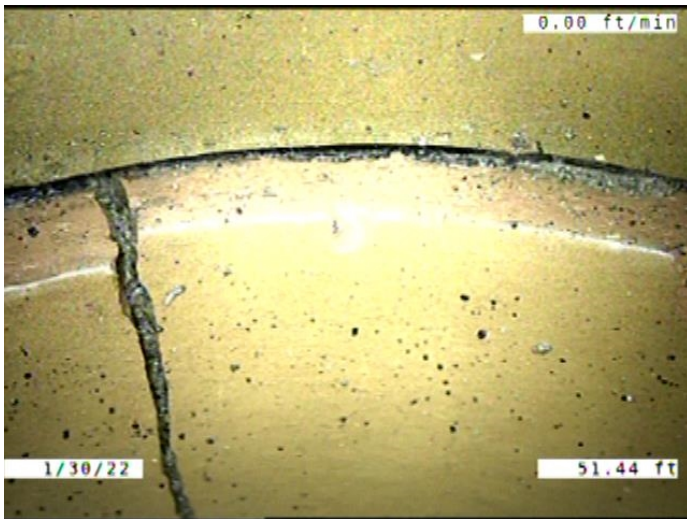
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **39.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks:



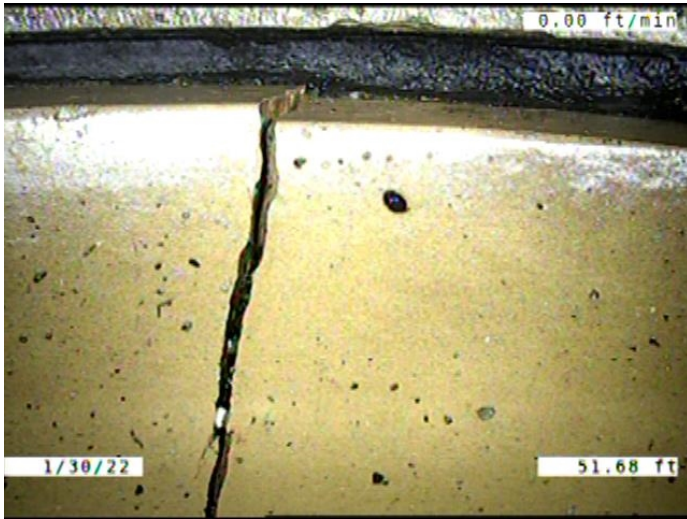
Code: **JOM**
Description: **Joint Offset Medium**

Distance (ft): **47.2**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



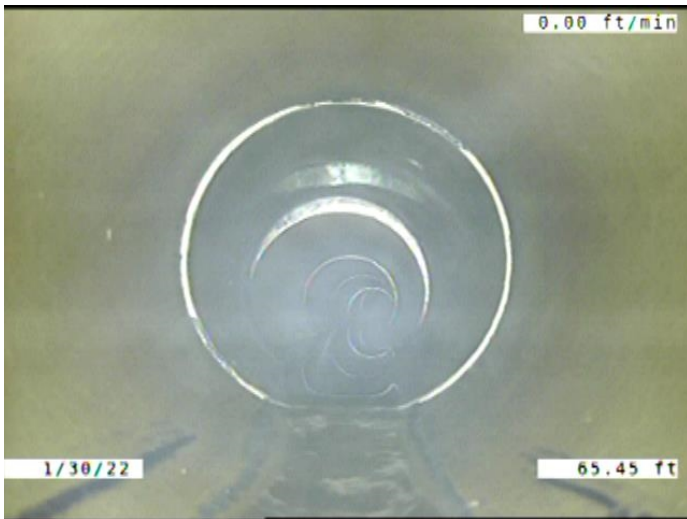
Code: **JOM**
Description: **Joint Offset Medium**

Distance (ft): **51.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



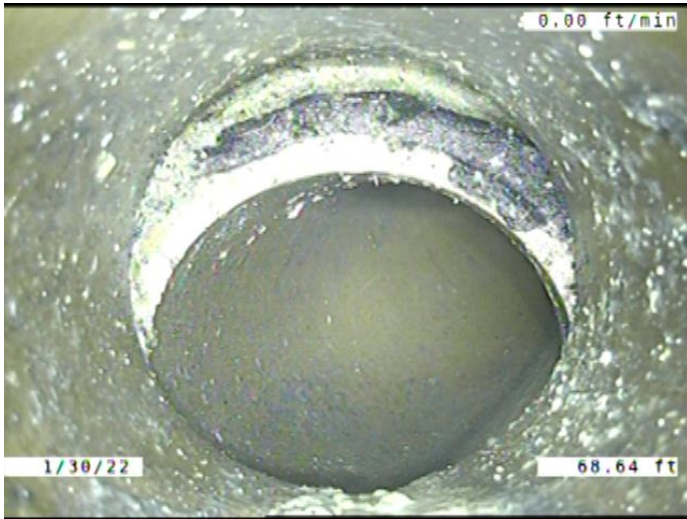
Code: **B**
Description: **Broken**

Distance (ft): **51.7**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

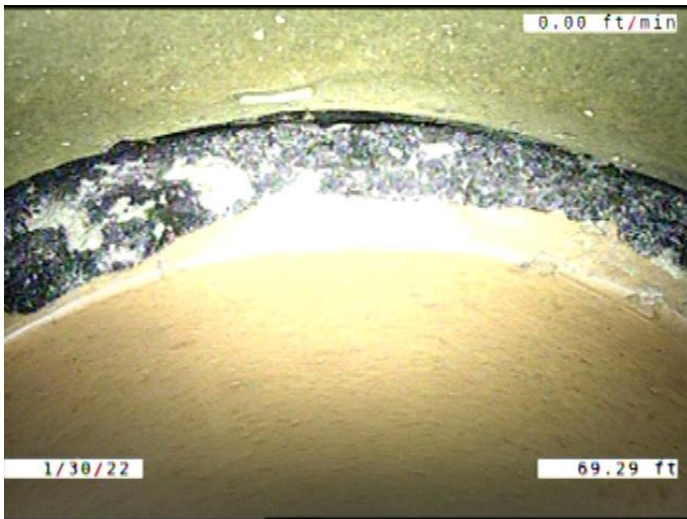
Distance (ft): **65.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **68.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**

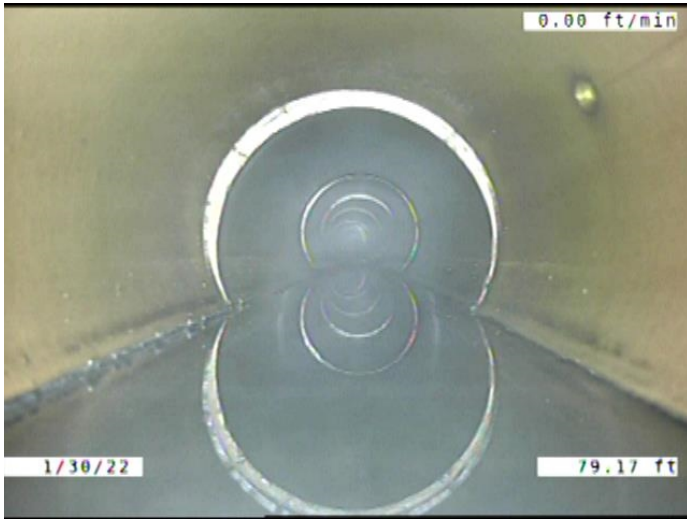
Remarks: **MAIN TO SERVICE CONNECTION
LARGE OFFSET. SOIL VISIBLE.**



Code: **JOM**
Description: **Joint Offset Medium**

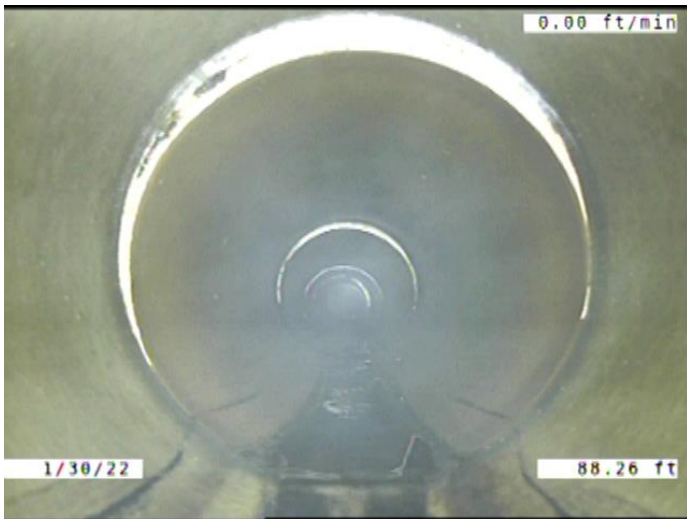
Distance (ft): **69.3**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**

Remarks:



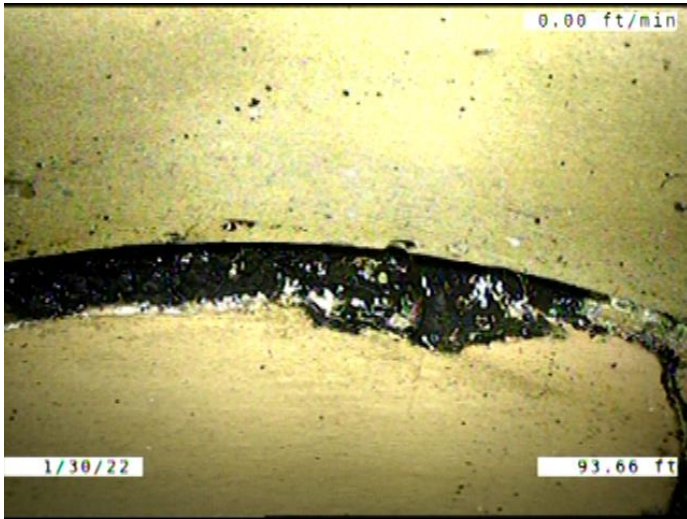
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **79.2**
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:



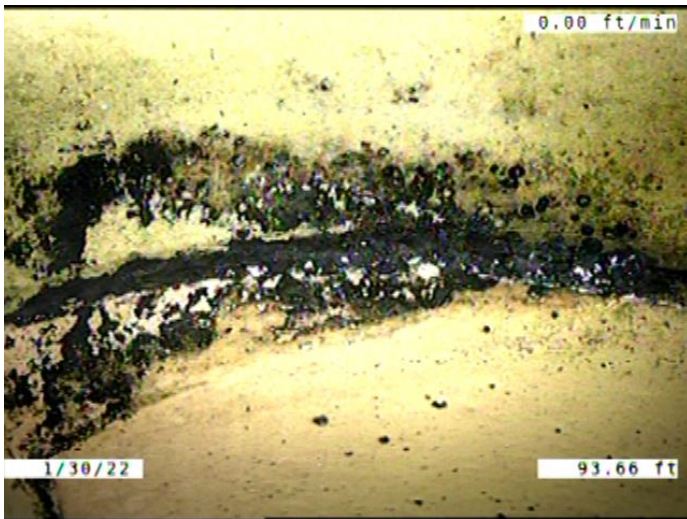
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **88.3**
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:



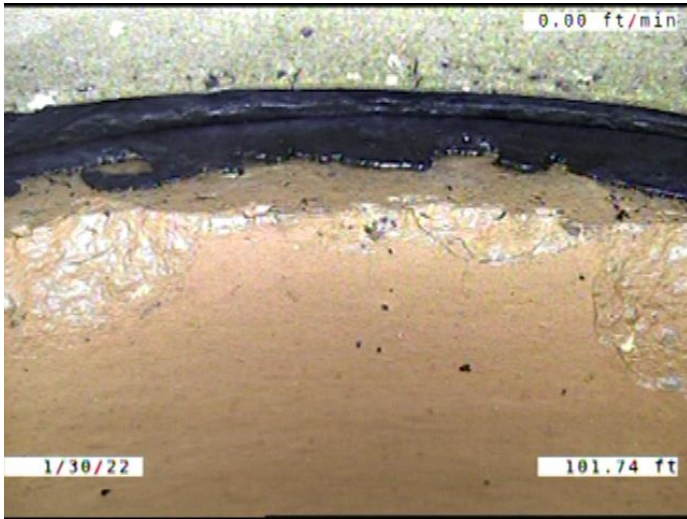
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **93.7**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **4**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **93.7**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **7**
 Clock To: **11**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:

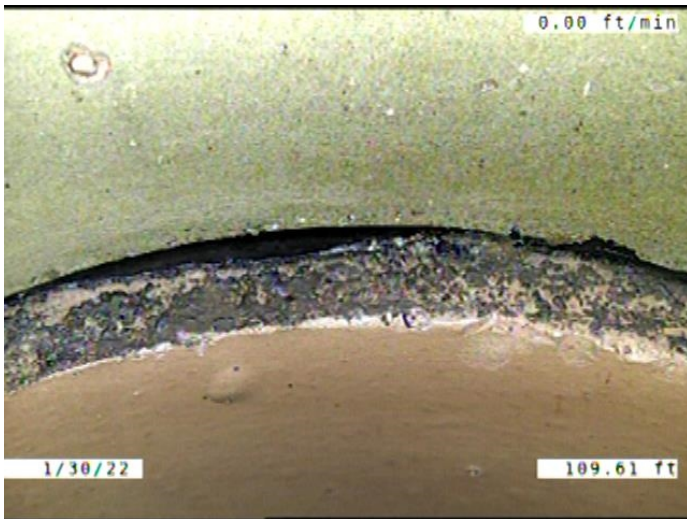


Code: **SZ**
 Description: **Surface Damage Other**

Distance (ft): **101.7**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To: **3**

1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:

Within 8" of Joint: **YES**
 Remarks: **SEVERAL PIECES CHIPPED AWAY FROM THE JOINT**

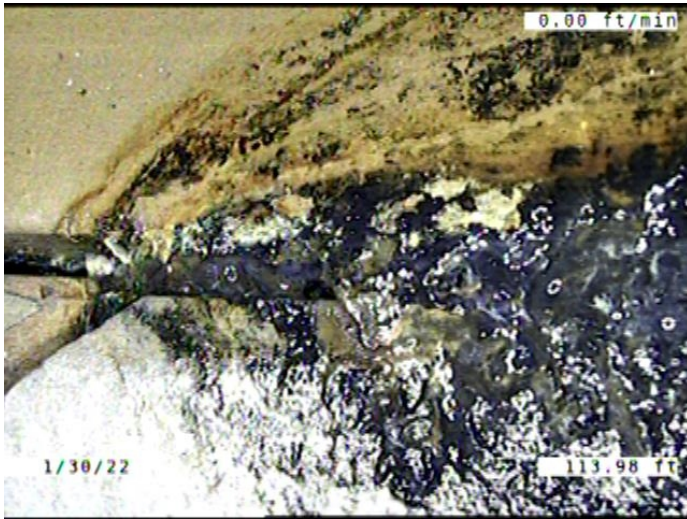


Code: **JOM**
 Description: **Joint Offset Medium**

Distance (ft): **109.6**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:

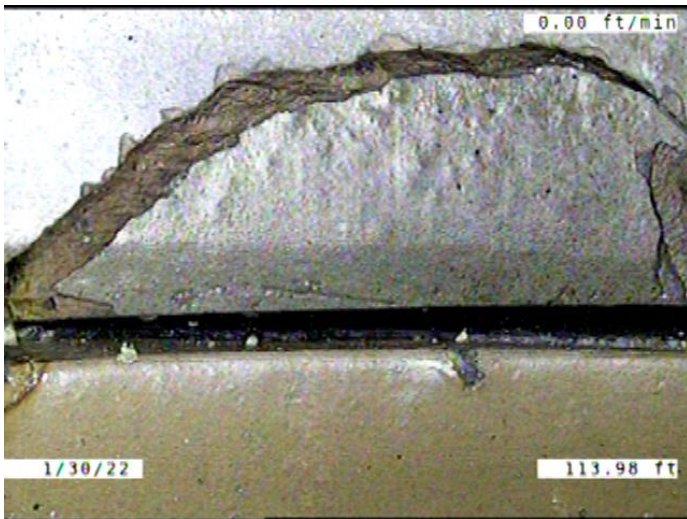
1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:

Within 8" of Joint: **NO**
 Remarks:



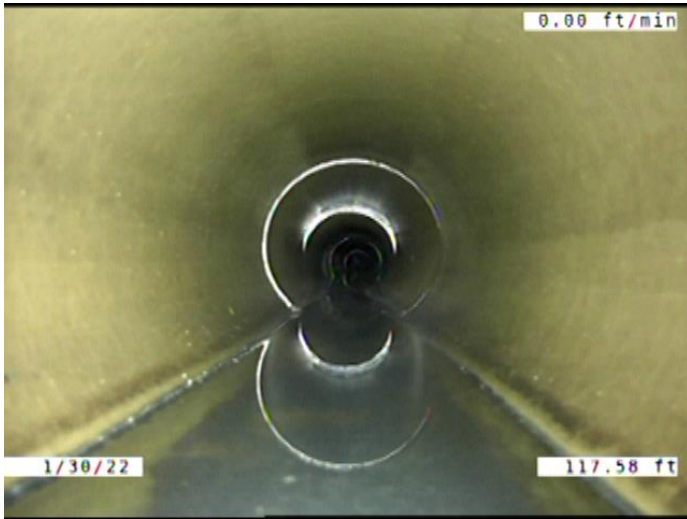
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **114.0**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **3**
 Clock To: **9**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



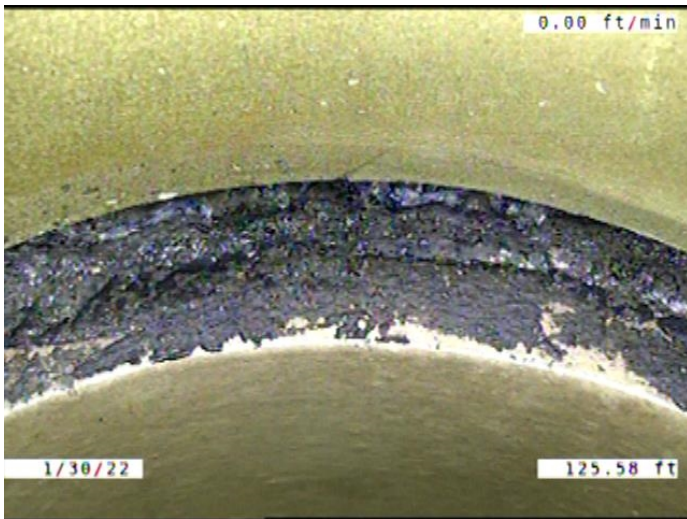
Code: **B**
 Description: **Broken**

Distance (ft): **114.0**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **9**
 Clock To: **10**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



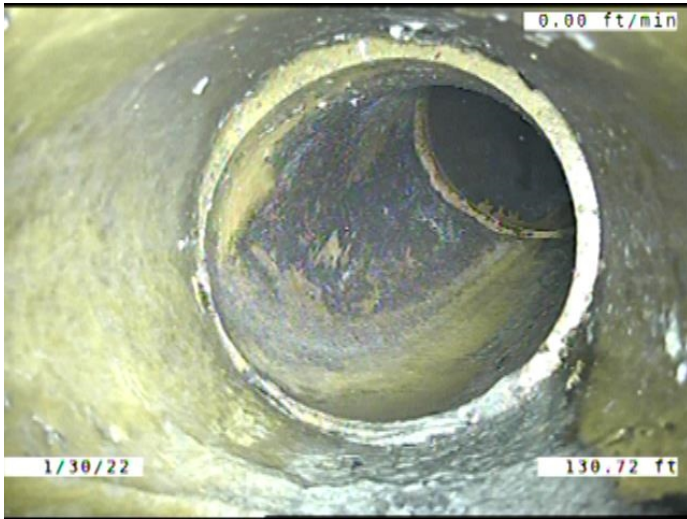
Code: **DSF**
Description: **Deposits Settled Fine**

Distance (ft): **117.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S03**
Within 8" of Joint: **YES**
Remarks:



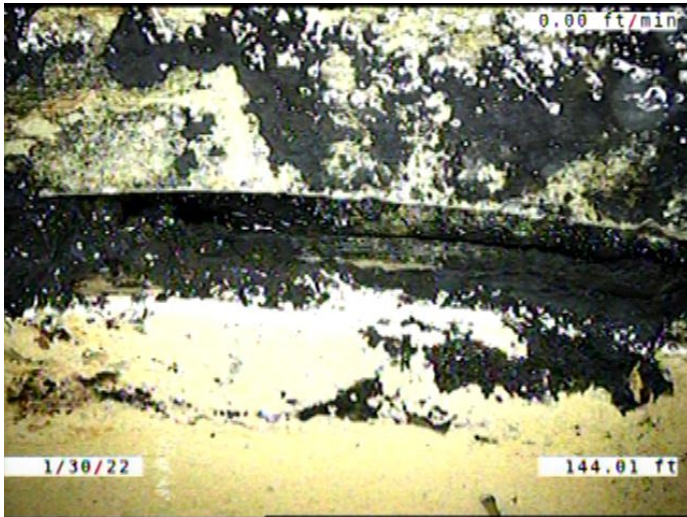
Code: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **125.6**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **Soil visible**



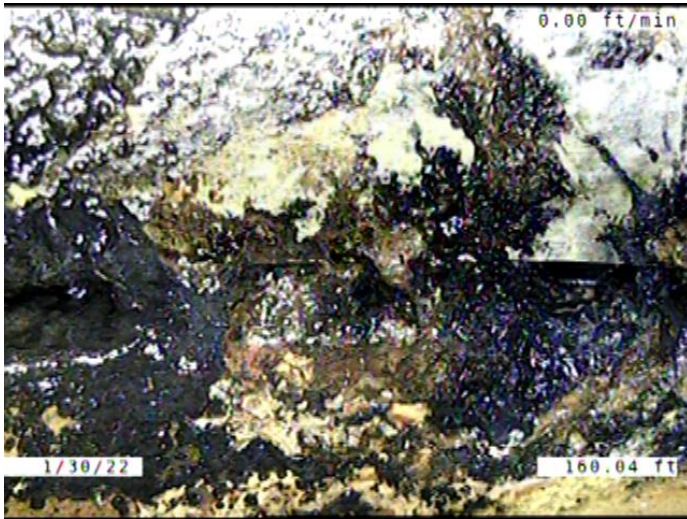
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **130.7**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



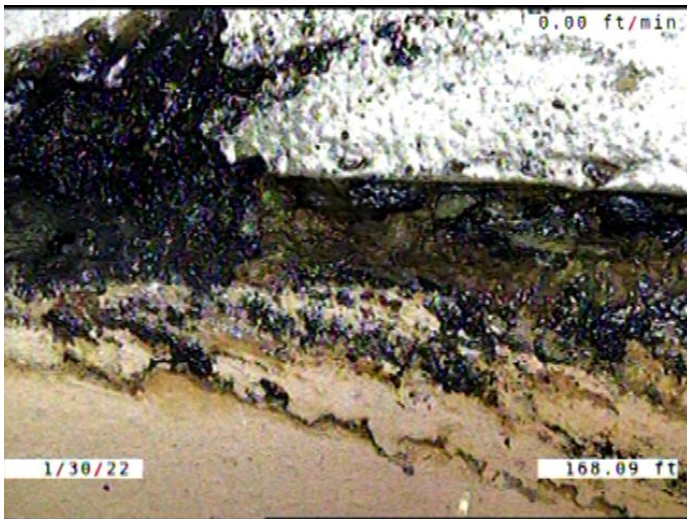
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **144.0**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **1**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



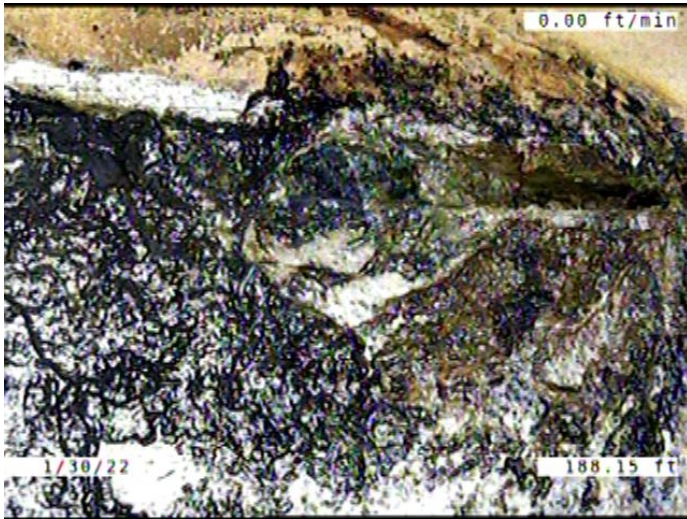
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **160.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **10**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



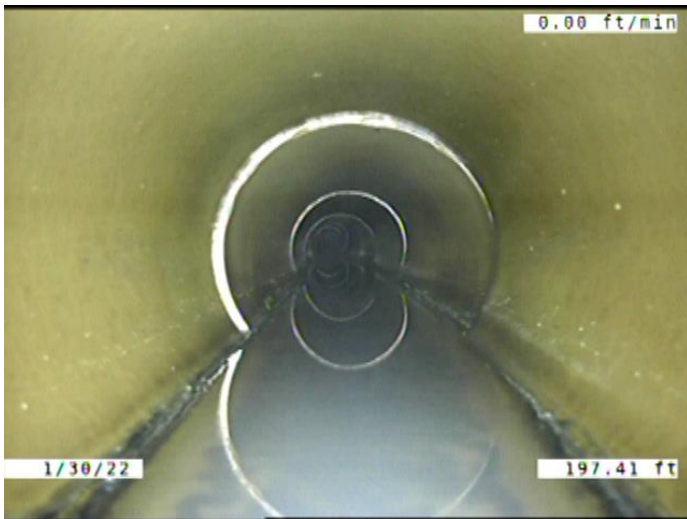
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **168.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



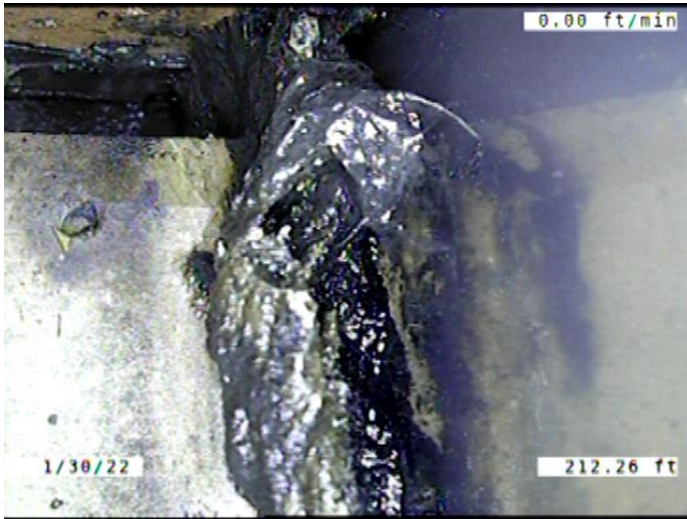
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **188.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **3**
Clock To: **8**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



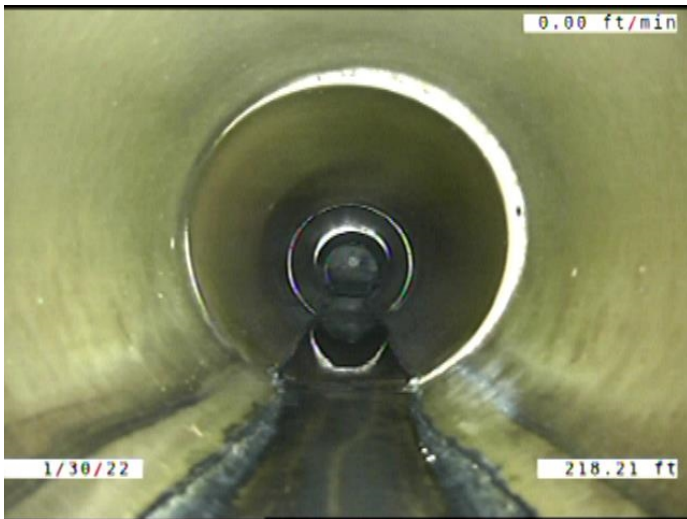
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **197.4**
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:



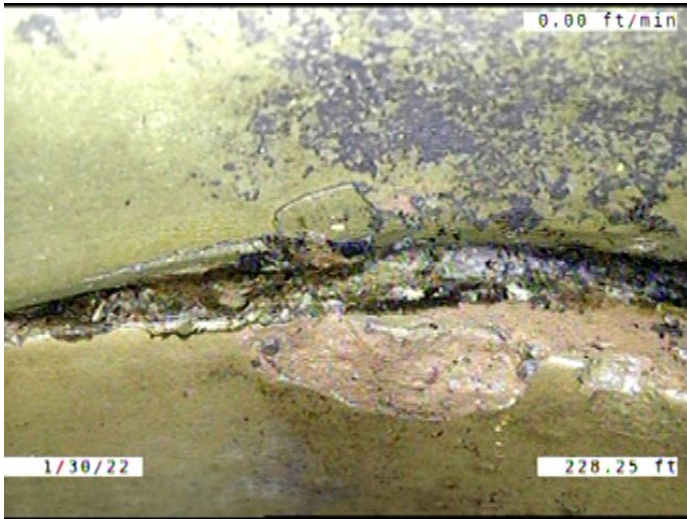
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **212.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



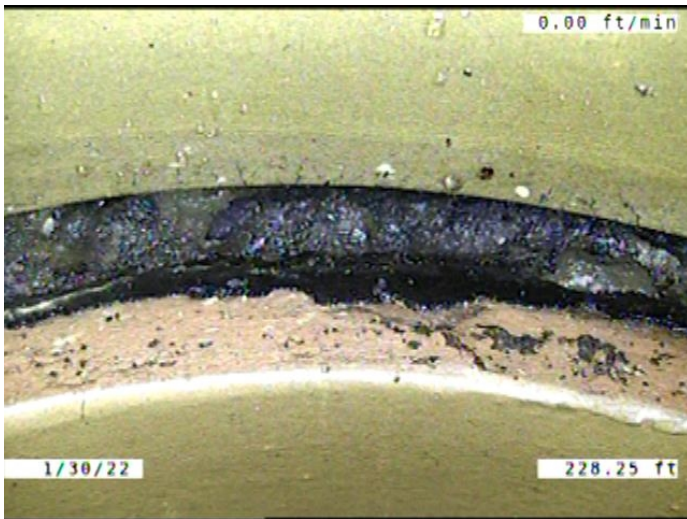
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **218.2**
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:



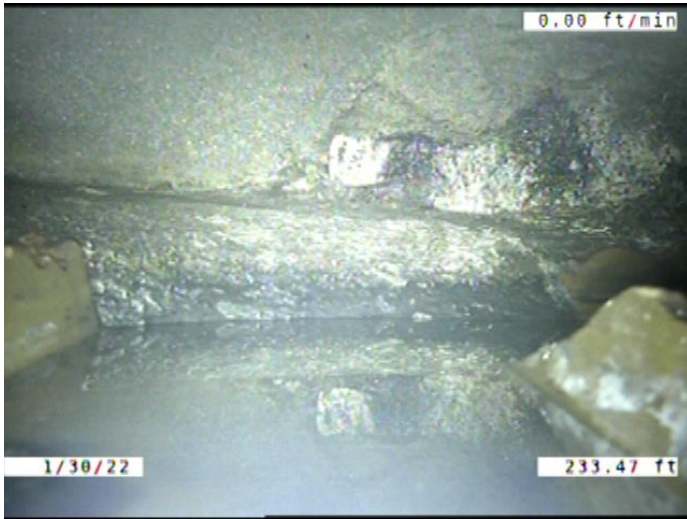
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **228.2**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



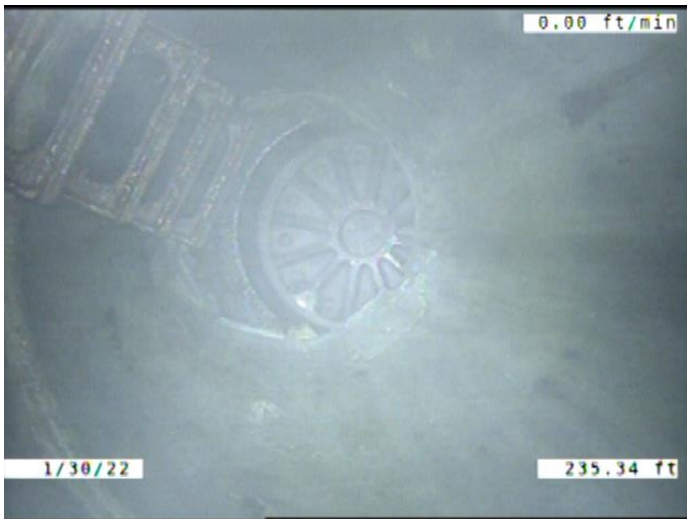
Code: **JOMD**
 Description: **Joint Offset Medium Defective**

Distance (ft): **228.3**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code: **DSF**
 Description: **Deposits Settled Fine**

Distance (ft): **233.5**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F03**
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **235.3**
 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: **M-606-094**