

Profile/Photo Observation Report



Date:	10/21/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	241.0	Owner:	City of Hobart	Pre Clean:	Light Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-504-107-106
Customer:	City of Hobart	Clean Date:	08/30/2021	Shape:	C

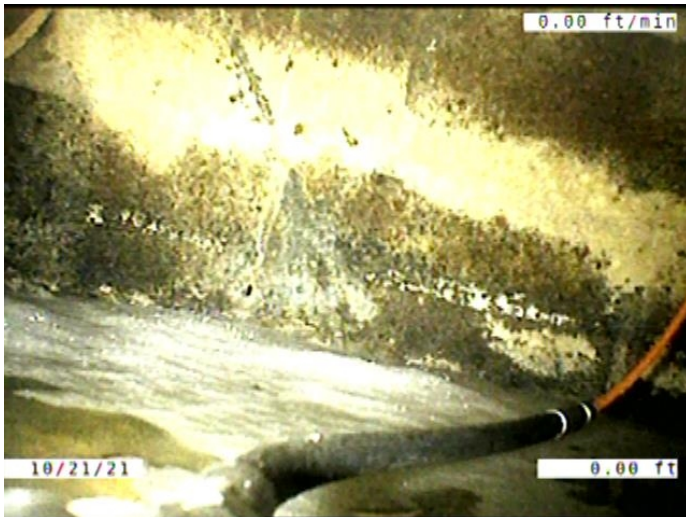
Street:	42nd Avenue	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Alley	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	8"
Use:	Sanitary Sewage Pipe	Material:	CP
Drain Area:		Lining:	
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-504-106	DS MH:	M-504-107
		Total Length Surveyed (ft):	97.0

O&M Index:	1.50	O&M Quick:	312A	O&M Rating:	42.00
Structural Index:	2.26	Structural Quick:	4231	Structural Rating:	43.00
Overall Index:	1.81	Overall Quick:	4232	Overall Rating:	85.00

Position	Code	Observation	Video (sec)	Grade
.0	AMH	Manhole	1	NA
.0	MWL	Miscellaneous Water Level	11	NA
1.5	MGO	Miscellaneous General Observation	22	NA
3.0	RFJ(S01)	Roots Fine Joint	75	M 1
7.0	MWLS(S02)	Miscellaneous Water Level Sag	120	S 2
21.0	MMC	Miscellaneous Material Change	265	NA
21.7	TF	Tap Factory	288	NA
22.0	FC	Fracture Circumferential	333	S 2
23.9	MMC	Miscellaneous Material Change	387	NA
25.6	MWLS(F02)	Miscellaneous Water Level Sag	420	S 2
26.6	DAE	Deposits Attached Encrustation	441	M 2
26.8	RMJ	Roots Medium Joint	461	M 3
26.8	LD	Line Down	470	M 2
29.9	JAM	Joint Angular Medium	504	S 3
36.0	DAE	Deposits Attached Encrustation	552	M 2
38.9	DAE	Deposits Attached Encrustation	596	M 2
41.8	DAE	Deposits Attached Encrustation	633	M 2
42.0	MWLS(S03)	Miscellaneous Water Level Sag	651	S 2
47.8	MMC	Miscellaneous Material Change	709	NA

47.8	B	Broken	727	S 4
48.6	TFC	Tap Factory Capped	757	NA
51.7	TF	Tap Factory	792	NA
53.9	MMC	Miscellaneous Material Change	847	NA
56.3	MWLS(F03)	Miscellaneous Water Level Sag	877	S 2
56.3	LD	Line Down	886	M 1
60.2	MWLS(S04)	Miscellaneous Water Level Sag	919	S 2
66.0	SSS	Surface Damage Surface Spalling	994	S 2
66.5	TBI	Tap Break-in Intruding	1014	M 2
73.3	SSS	Surface Damage Surface Spalling	1143	S 2
73.9	TBI	Tap Break-in Intruding	1162	M 2
74.2	MWLS(F04)	Miscellaneous Water Level Sag	1188	S 2
74.8	RFJ(F01)	Roots Fine Joint	1201	M 1
74.8	DSF(S05)	Deposits Settled Fine	1213	M 2
76.6	MWLS(S06)	Miscellaneous Water Level Sag	1234	S 2
86.7	MMC	Miscellaneous Material Change	1305	NA
87.5	TFC	Tap Factory Capped	1329	NA
89.7	MMC	Miscellaneous Material Change	1384	NA
90.7	MWLS(F06)	Miscellaneous Water Level Sag	1435	S 2
95.7	B	Broken	1512	S 4
96.6	TBI	Tap Break-in Intruding	1541	M 2
97.0	DSF(F05)	Deposits Settled Fine	1594	M 2
97.0	MSA	Miscellaneous Survey Abandoned	1605	NA

M-504-107



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-504-106**



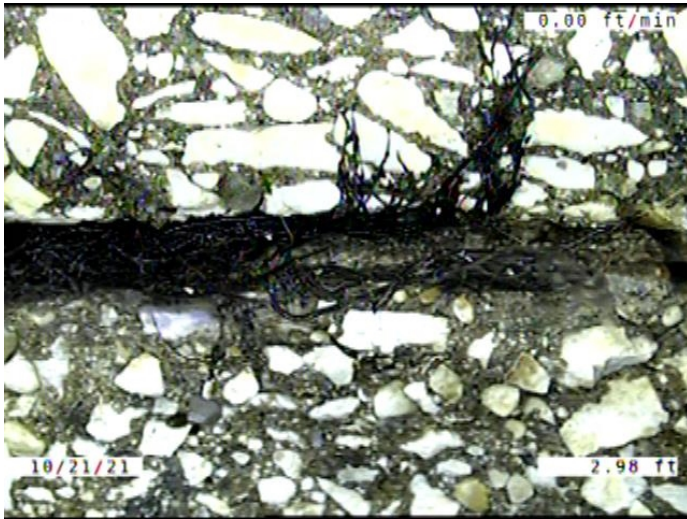
Code: **MWL**
Description: **Miscellaneous Water Level**

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.**



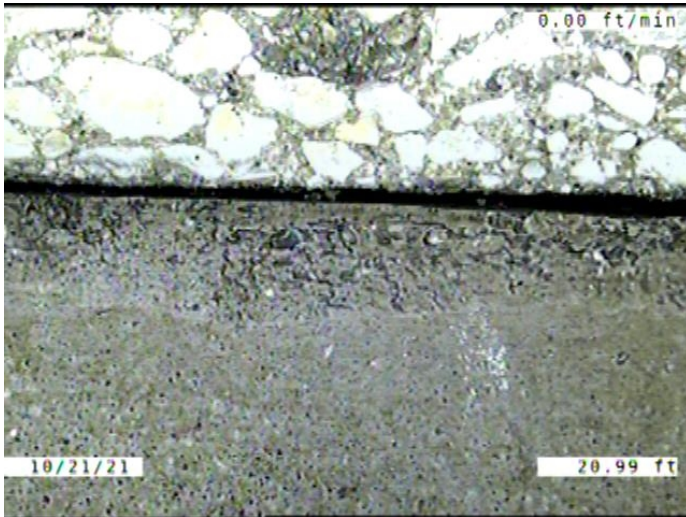
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **3.0**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **8**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **S01**
 Within 8" of Joint: **YES**
 Remarks:



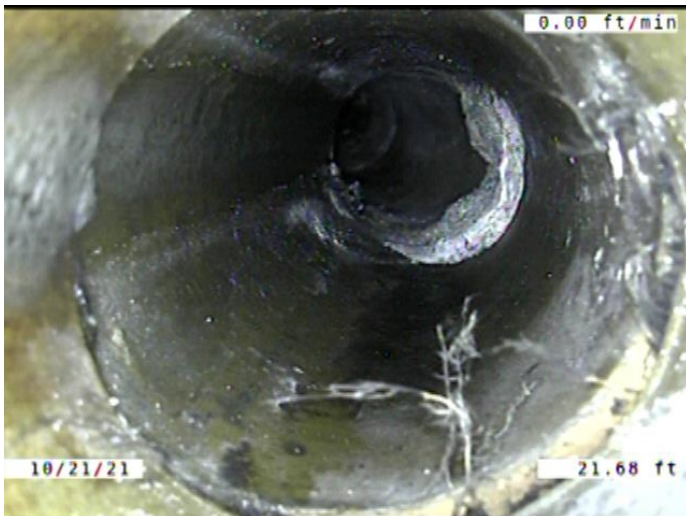
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **7.0**
 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:



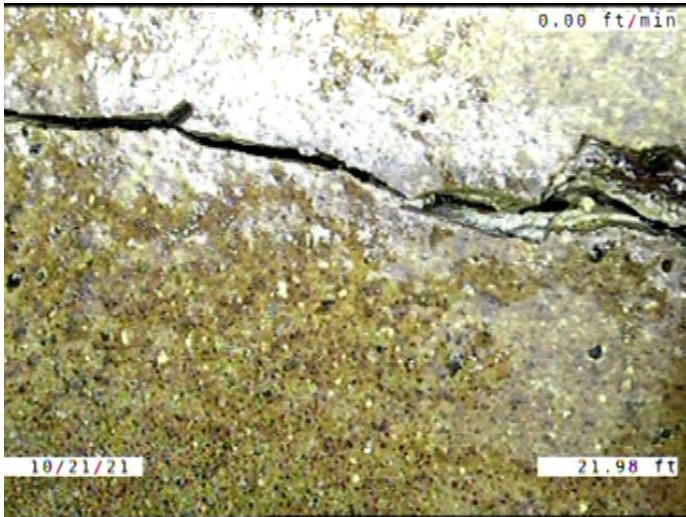
Code: **MMC**
Description: **Miscellaneous Material Change**

Distance (ft): **21.0**
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: **CONCRETE TO VCP**



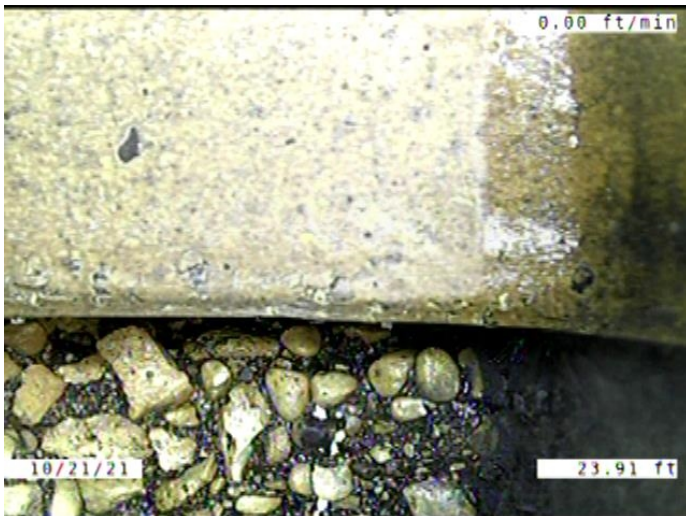
Code: **TF**
Description: **Tap Factory**

Distance (ft): **21.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **CONSTANTLY RUNNING WATER**



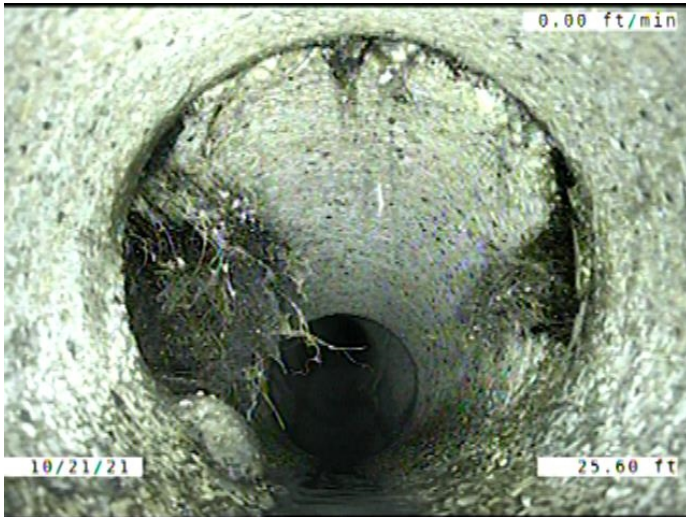
Code: **FC**
 Description: **Fracture Circumferential**

Distance (ft): **22.0**
 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: **YES**
 Remarks:



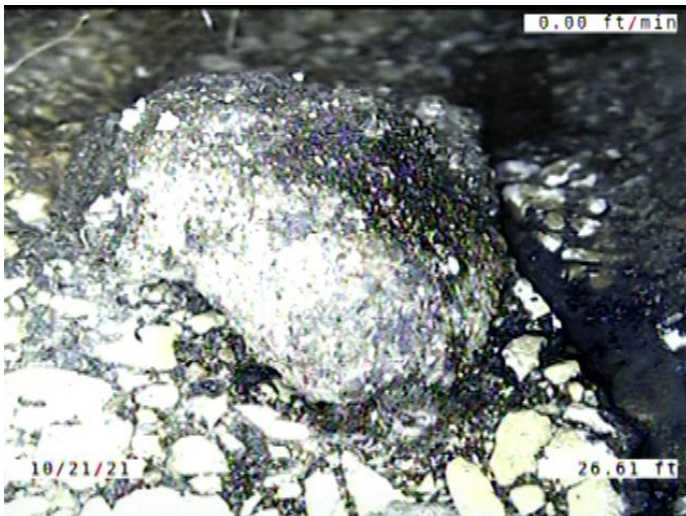
Code: **MMC**
 Description: **Miscellaneous Material Change**

Distance (ft): **23.9**
 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: **VCP TO CONCRETE**



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

Distance (ft): **25.6**
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): **26.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **8**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



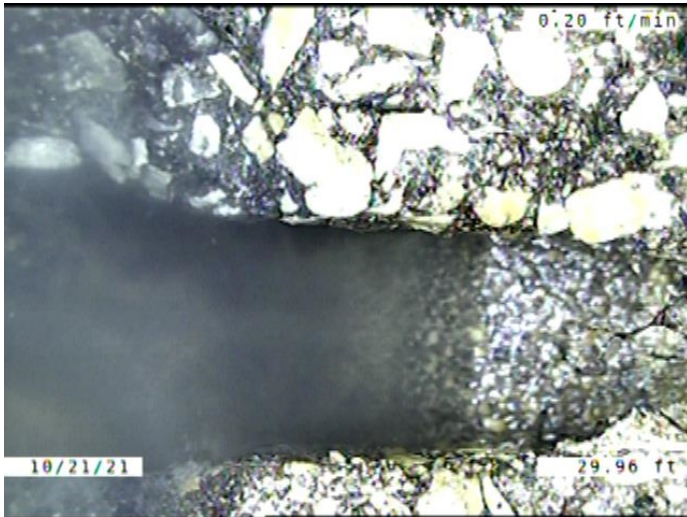
Code: **RMJ**
Description: **Roots Medium Joint**

Distance (ft): **26.8**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



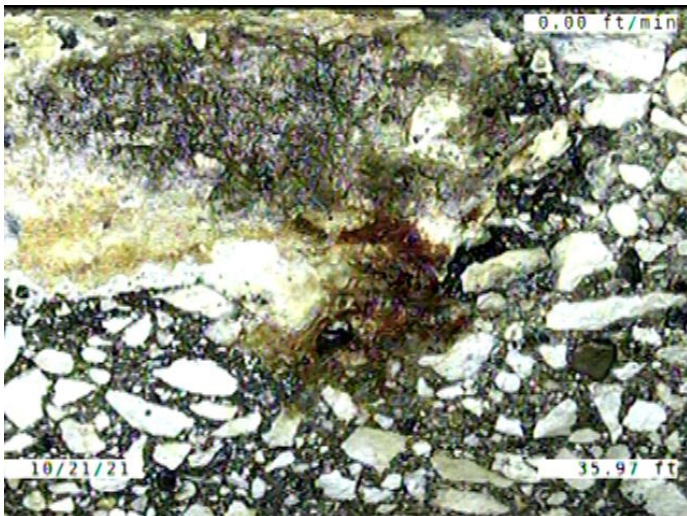
Code: **LD**
Description: **Line Down**

Distance (ft): **26.8**
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:



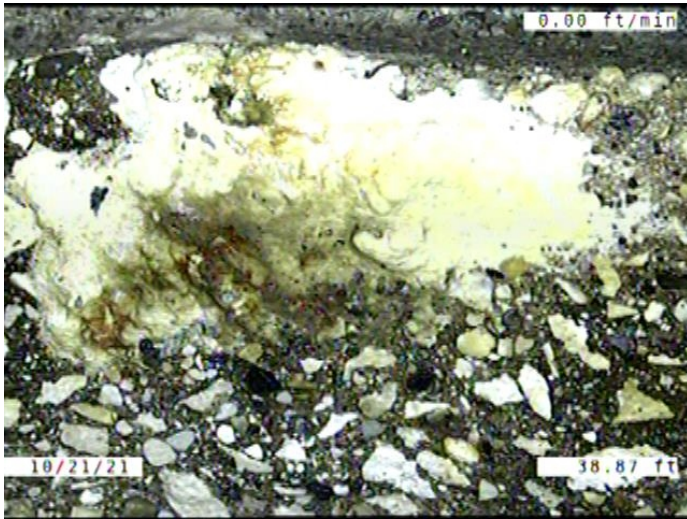
Code: **JAM**
 Description: **Joint Angular Medium**

Distance (ft): **29.9**
 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:



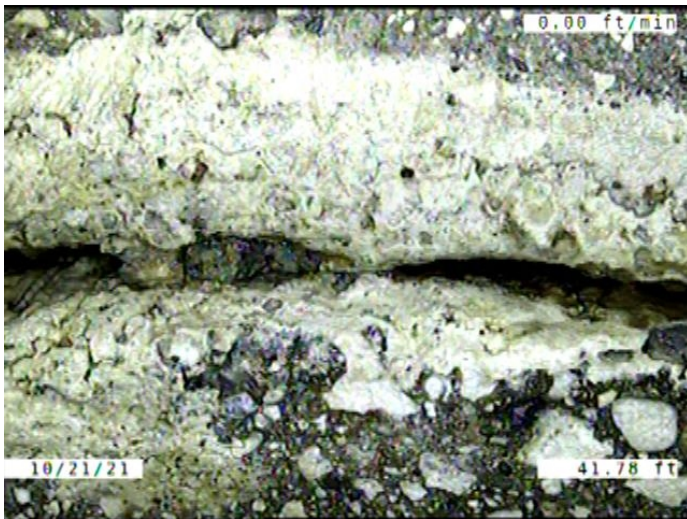
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **36.0**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **7**
 Clock To: **10**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



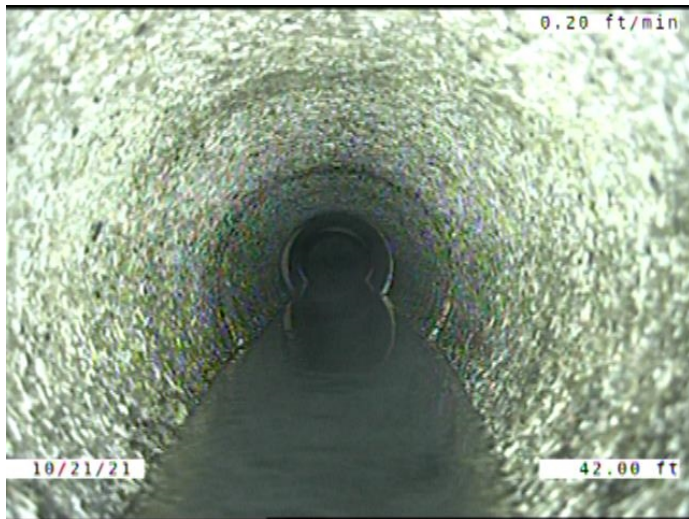
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **38.9**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **1**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



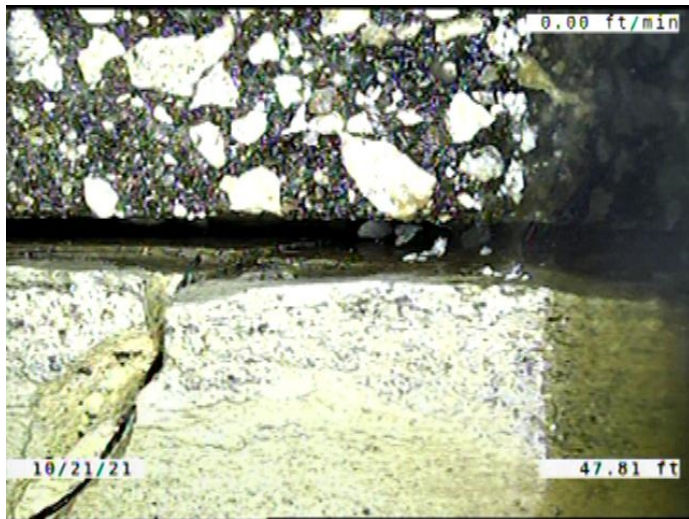
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **41.8**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **2**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



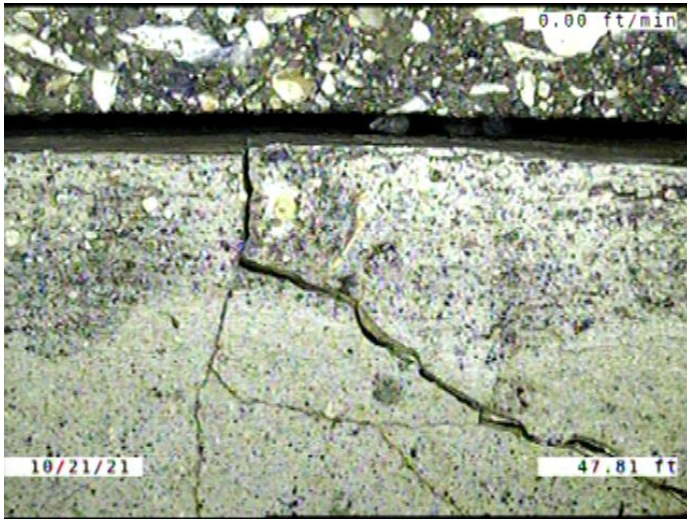
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **42.0**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S03**
 Within 8" of Joint: **NO**
 Remarks:



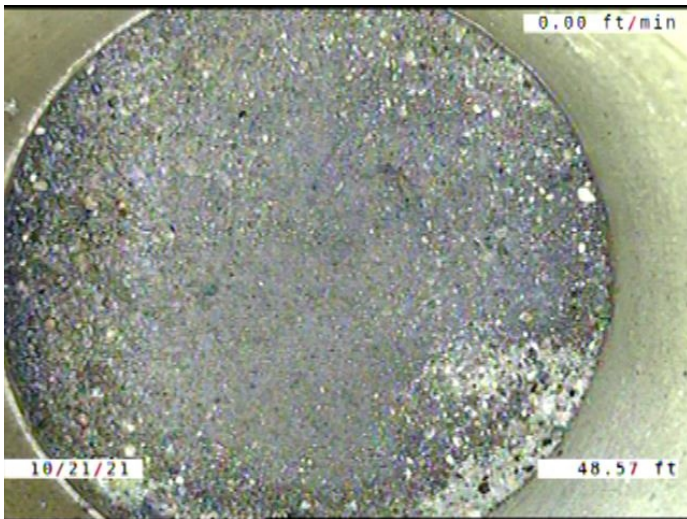
Code: **MMC**
 Description: **Miscellaneous Material Change**

Distance (ft): **47.8**
 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: **CONCRETE TO VCP**



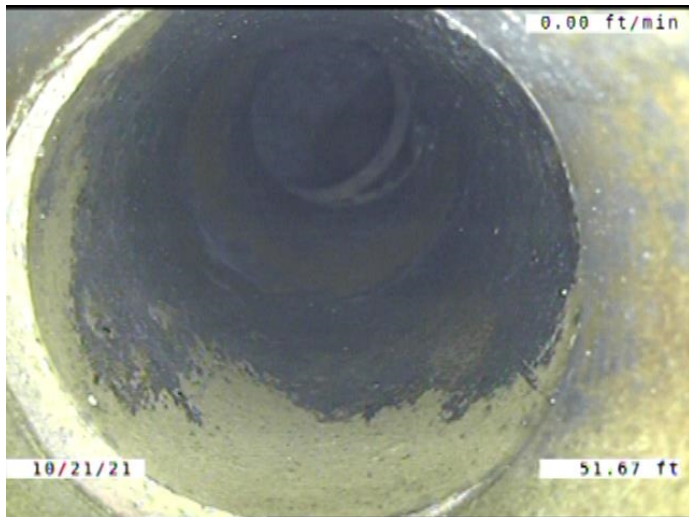
Code: **B**
Description: **Broken**

Distance (ft): **47.8**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **2**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



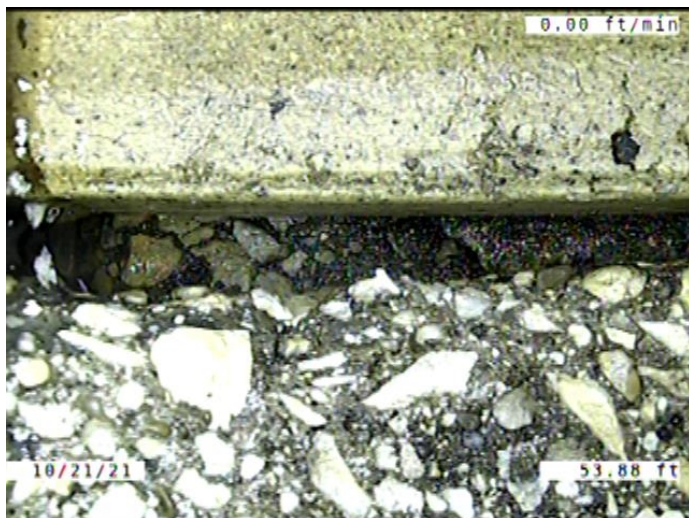
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **48.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



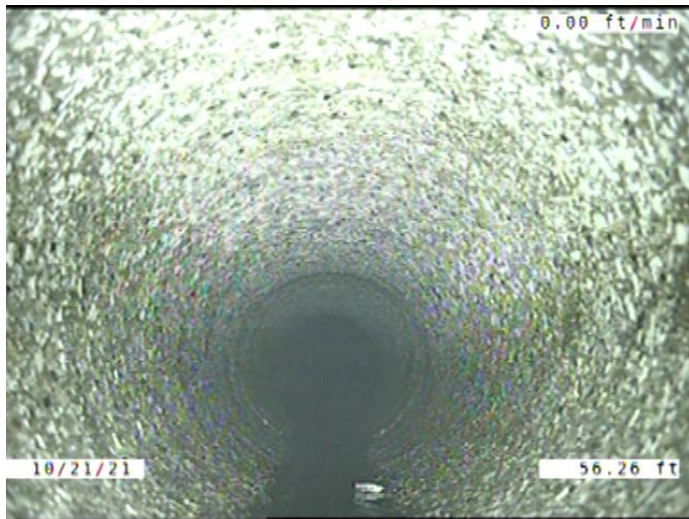
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **51.7**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **1**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



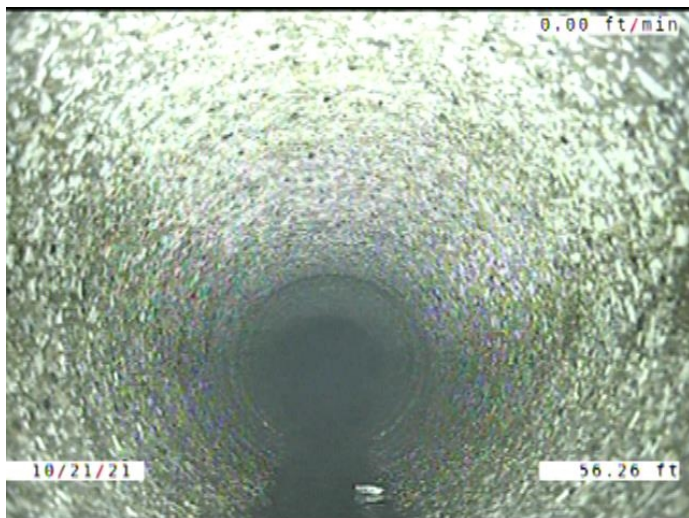
Code: **MMC**
 Description: **Miscellaneous Material Change**

Distance (ft): **53.9**
 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: **VCP TO CONCRETE**



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

Distance (ft): **56.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:



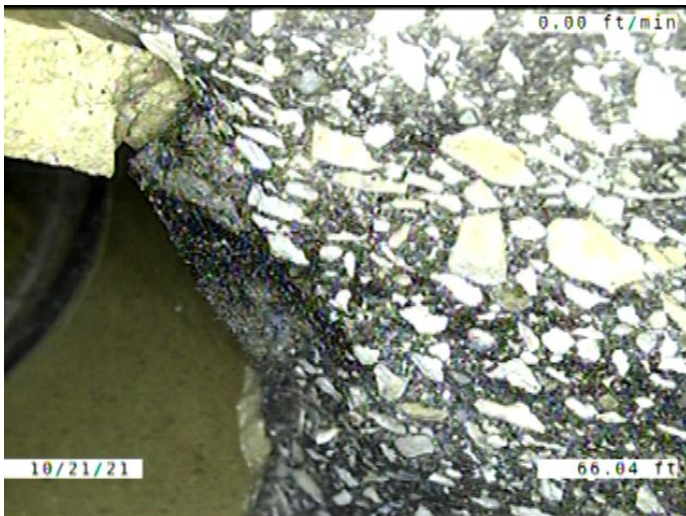
Code: **LD**
Description: **Line Down**

Distance (ft): **56.3**
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:



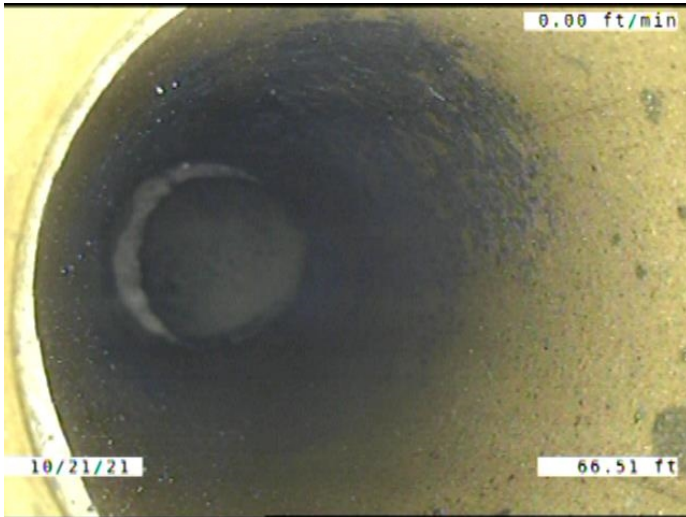
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **60.2**
 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:



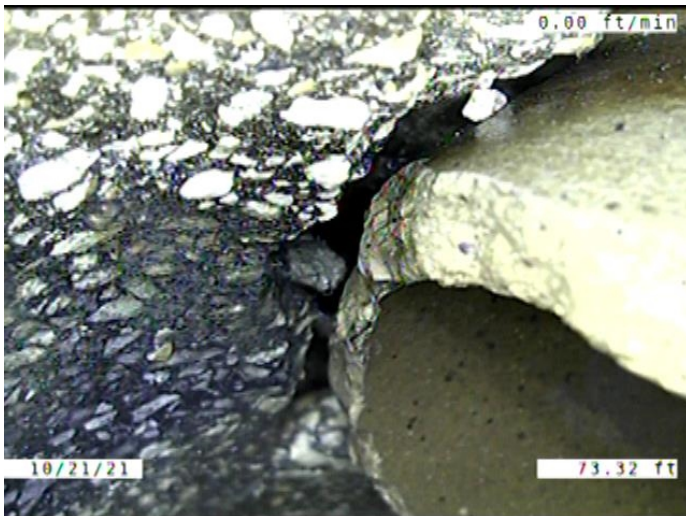
Code: **SSS**
 Description: **Surface Damage Surface Spalling**

Distance (ft): **66.0**
 Structural Grade: **2**
 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:



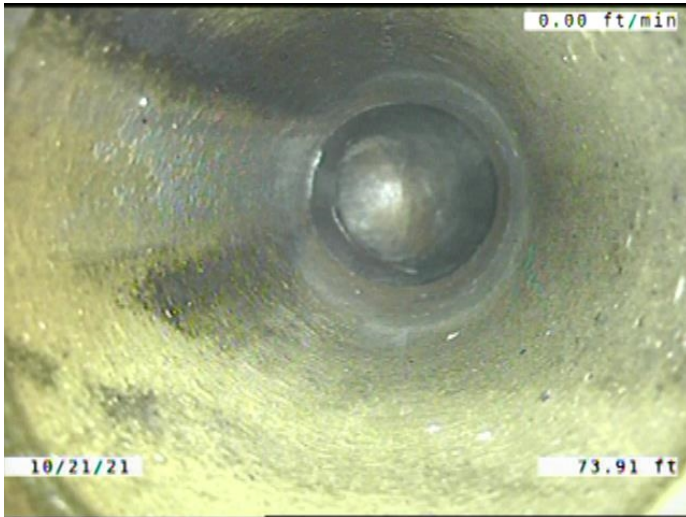
Code: **TBI**
 Description: **Tap Break-in Intruding**

Distance (ft): **66.5**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **11**
 Clock To:
 1st Value: **4.000**
 2nd Value: **1.000**
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



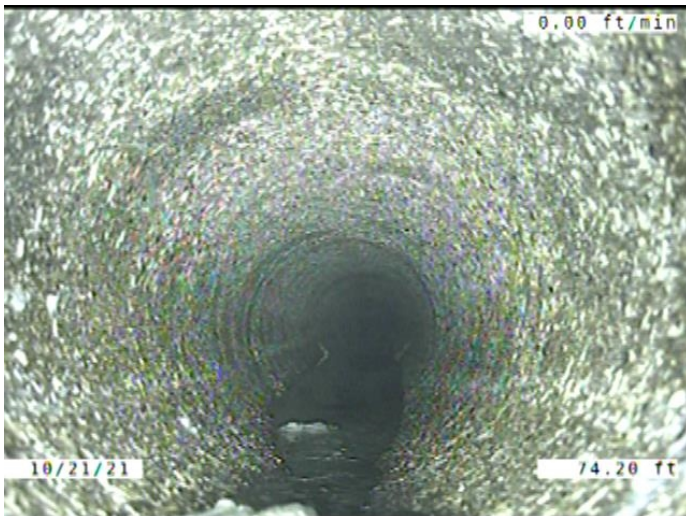
Code: **SSS**
 Description: **Surface Damage Surface Spalling**

Distance (ft): **73.3**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **9**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **73.9**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **11**
 Clock To:
 1st Value: **4.000**
 2nd Value: **3.000**
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **74.2**
 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: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **74.8**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **8**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **F01**
 Within 8" of Joint: **YES**
 Remarks:



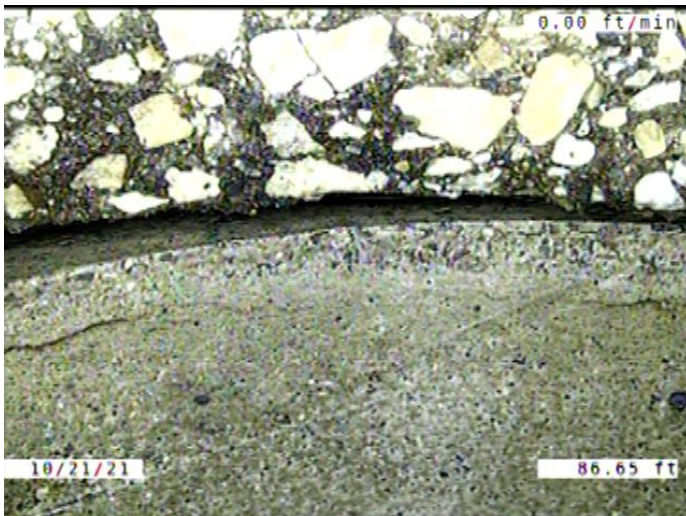
Code: **DSF**
 Description: **Deposits Settled Fine**

Distance (ft): **74.8**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S05**
 Within 8" of Joint: **YES**
 Remarks:



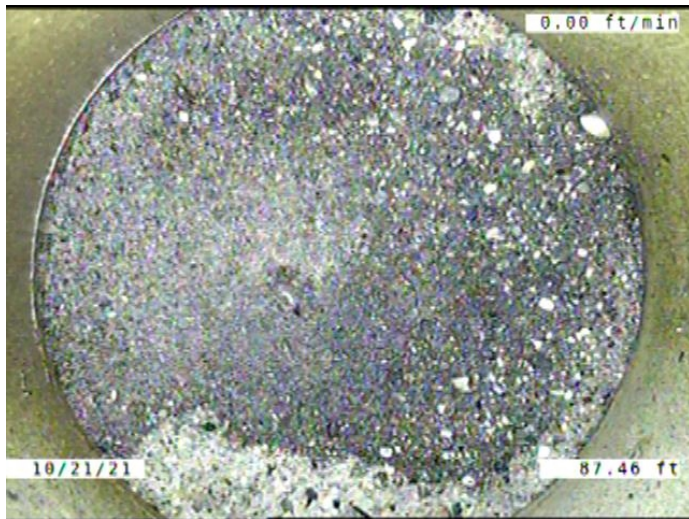
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **76.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S06**
Within 8" of Joint: **NO**
Remarks:



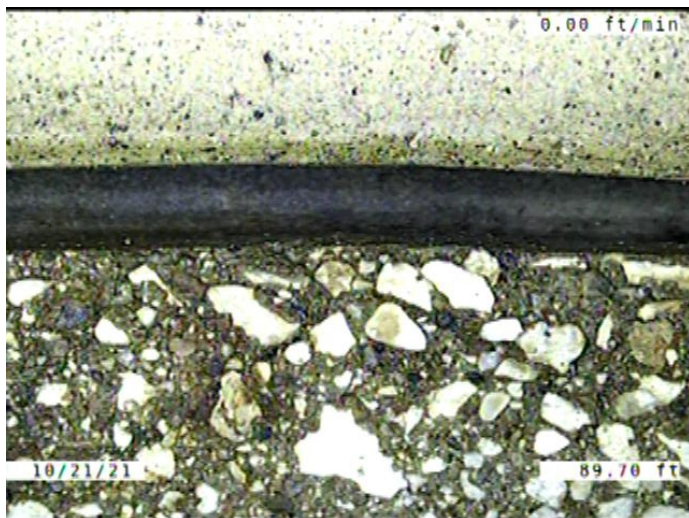
Code: **MMC**
Description: **Miscellaneous Material Change**

Distance (ft): **86.7**
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: **CONCRETE TO VCP**



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

Distance (ft): **87.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



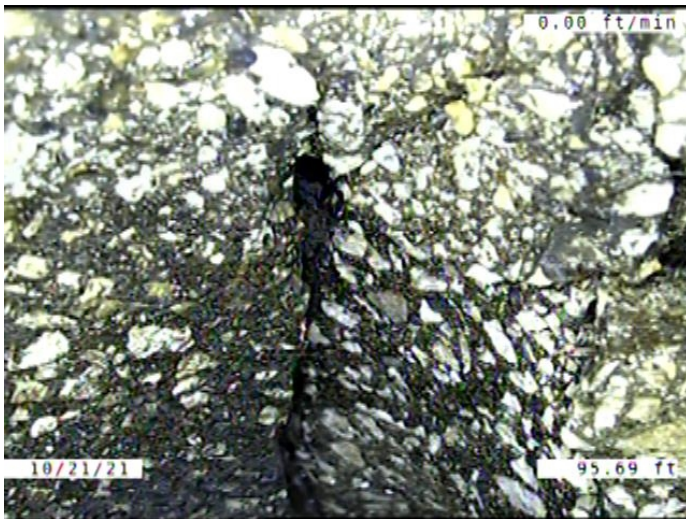
Code: **MMC**
Description: **Miscellaneous Material Change**

Distance (ft): **89.7**
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: **VCP TO CONCRETE**



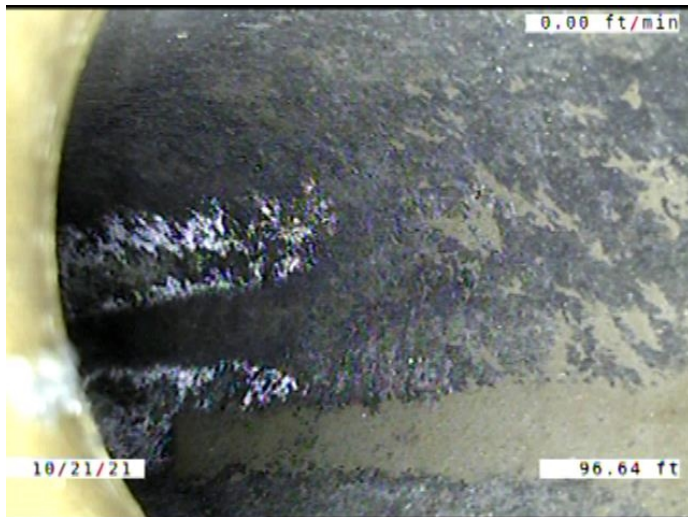
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **90.7**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F06**
 Within 8" of Joint: **NO**
 Remarks:



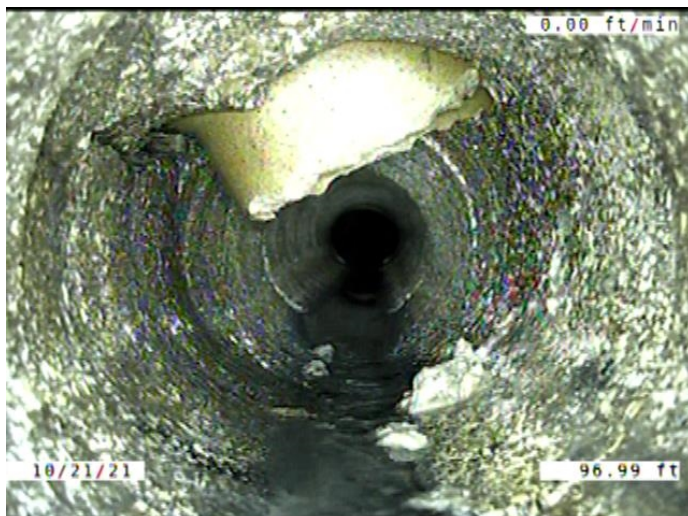
Code: **B**
 Description: **Broken**

Distance (ft): **95.7**
 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:



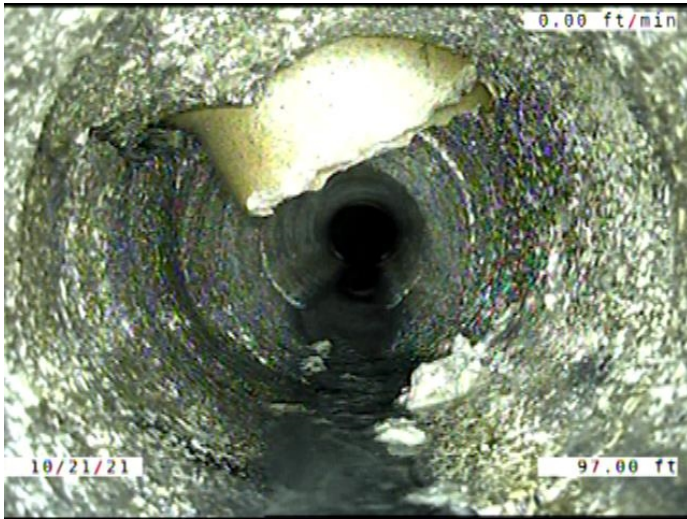
Code: **TBI**
 Description: **Tap Break-in Intruding**

Distance (ft): **96.6**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **11**
 Clock To:
 1st Value: **4.000**
 2nd Value: **3.000**
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **97.0**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F05**
 Within 8" of Joint: **YES**
 Remarks:



Code:	MSA
Description:	Miscellaneous Survey Abandoned
Distance (ft):	97.0
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:	CAMERA CANT MAKE IT PAST PROTUDING TAP