

Profile/Photo Observation Report

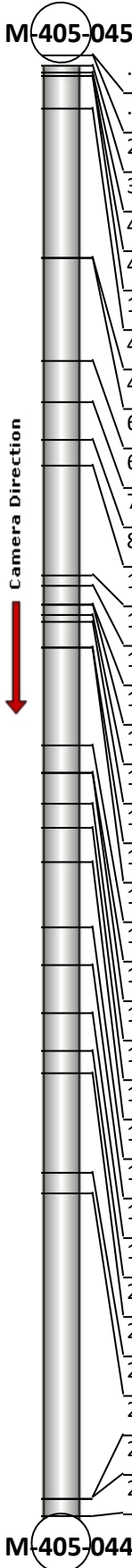


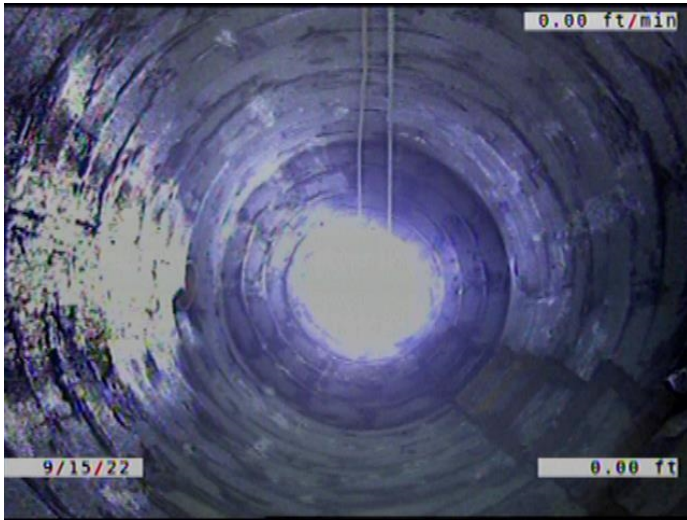
Date:	09/15/2022	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	297.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-405-045-044
Customer:	City of Hobart	Clean Date:	08/15/2022	Shape:	C

Street:	West 3rd Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Local rural streets with light traffic, t	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	15"
Use:	Sanitary Sewage Pipe	Material:	RCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Downstream
US MH:	M-405-045	DS MH:	M-405-044
		Total Length Surveyed (ft):	289.7

O&M Index:	1.98	O&M Quick:	322J	O&M Rating:	127.00
Structural Index:	2.35	Structural Quick:	5244	Structural Rating:	129.00
Overall Index:	2.15	Overall Quick:	5244	Overall Rating:	256.00

	Position	Code	Observation	Video (sec)	Grade
					
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	73	NA
	2.0	DAE(S01)	Deposits Attached Encrustation	123	M 2
	3.3	JOM	Joint Offset Medium	155	S 3
	4.2	SRP	Surface Damage Reinforcement Projecting	193	S 5
	4.2	RPR(S02)	Point Repair Replacement	206	NA
	10.5	RPR(F02)	Point Repair Replacement	270	NA
	40.3	LL	Line Left	391	M 1
	40.3	MWLS(S03)	Miscellaneous Water Level Sag	399	S 2
	60.5	JOM	Joint Offset Medium	491	S 3
	68.7	MWLS(F03)	Miscellaneous Water Level Sag	541	S 2
	76.3	MWLS(S04)	Miscellaneous Water Level Sag	594	S 2
	81.4	SRP	Surface Damage Reinforcement Projecting	646	S 5
	103.0	MWLS(F04)	Miscellaneous Water Level Sag	722	S 2
	105.1	MWLS(S05)	Miscellaneous Water Level Sag	737	S 2
	109.1	B	Broken	794	S 4
	109.1	RFC	Roots Fine Connection	827	M 1
	110.9	TBI	Tap Break-in Intruding	847	M 2
	112.5	MWLS(F05)	Miscellaneous Water Level Sag	867	S 2
	117.3	LR	Line Right	893	M 1
	117.3	MWLS(S06)	Miscellaneous Water Level Sag	900	S 2
	136.7	MWLS(F06)	Miscellaneous Water Level Sag	961	S 2
	142.3	IDJ	Infiltration Dripper Joint	988	M 3
	142.3	MWLS(S07)	Miscellaneous Water Level Sag	1000	S 2
	148.3	MWLS(F07)	Miscellaneous Water Level Sag	1026	S 2
	153.2	MWLS(S08)	Miscellaneous Water Level Sag	1052	S 2
	160.0	IDJ	Infiltration Dripper Joint	1094	M 3
	172.8	SRV	Surface Damage Reinforcement Visible	1157	S 4
	180.5	JOMD	Joint Offset Medium Defective	1234	S 3
	190.0	SRV	Surface Damage Reinforcement Visible	1320	S 4
	197.5	JOMD	Joint Offset Medium Defective	1395	S 3
	201.9	SRV	Surface Damage Reinforcement Visible	1448	S 4
	221.6	JOMD	Joint Offset Medium Defective	1562	S 3
	225.6	IWJ	Infiltration Weeper Joint	1591	M 2
	286.2	MWLS(F08)	Miscellaneous Water Level Sag	1805	S 2
	286.2	DAE(F01)	Deposits Attached Encrustation	1813	M 2
	289.7	AMH	Manhole	1921	NA



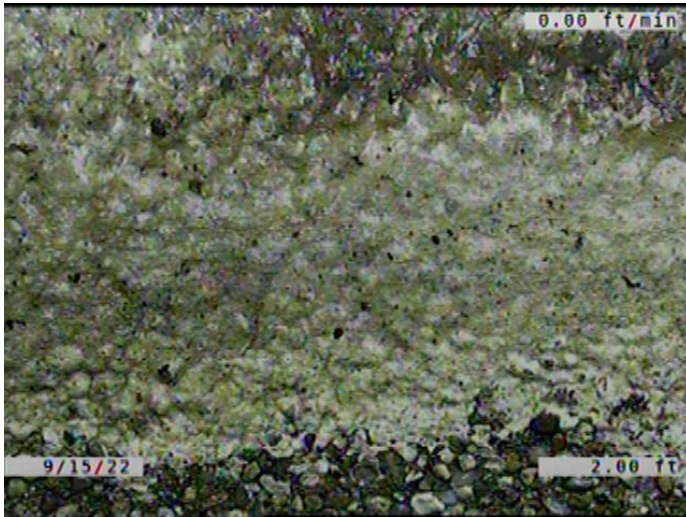
Code: **AMH**
Description: **Manhole**

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-405-045**



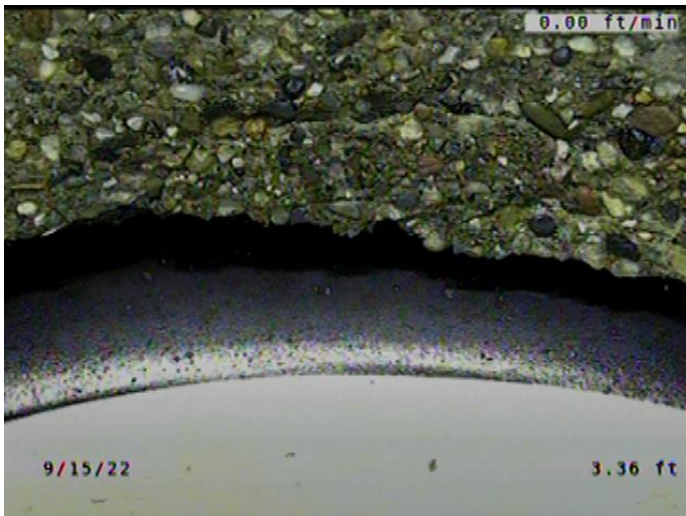
Code: **MWL**
Description: **Miscellaneous Water Level**

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:



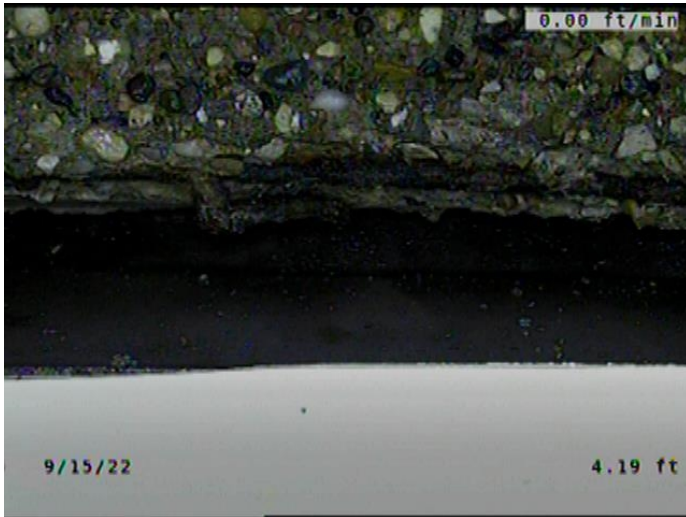
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **2.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:



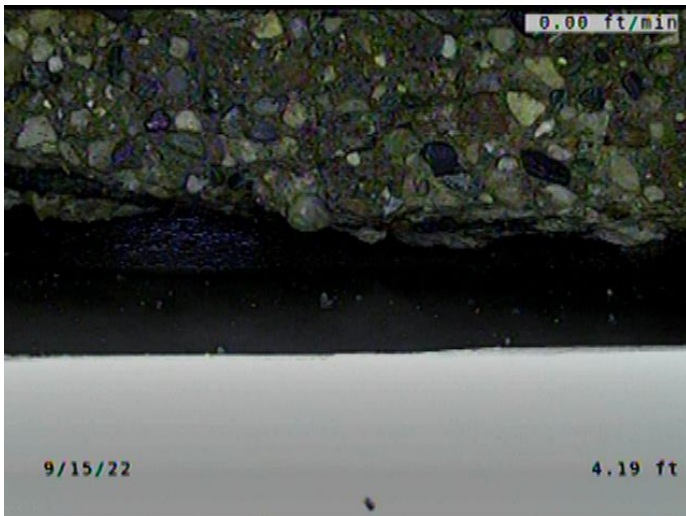
Code: **JOM**
Description: **Joint Offset Medium**

Distance (ft): **3.3**
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:



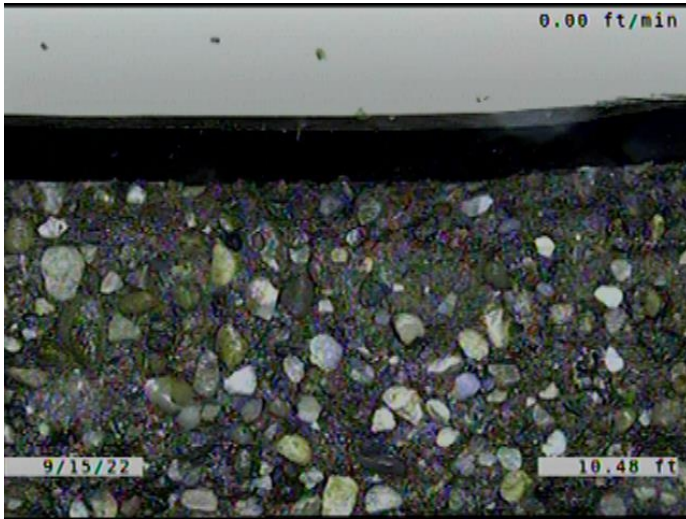
Code: **SRP**
Description: **Surface Damage Reinforcement Projecting**

Distance (ft): **4.2**
Structural Grade: **5**
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: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **4.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks: **RCP TO PVC**



Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **10.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks: **RCP TO PVC**



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

Distance (ft): **40.3**
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): **40.3**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index: **S03**
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **60.5**
 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): **68.7**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **76.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S04**
Within 8" of Joint: **NO**
Remarks:



Code: **SRP**
 Description: **Surface Damage Reinforcement Projecting**

Distance (ft): **81.4**
 Structural Grade: **5**
 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:



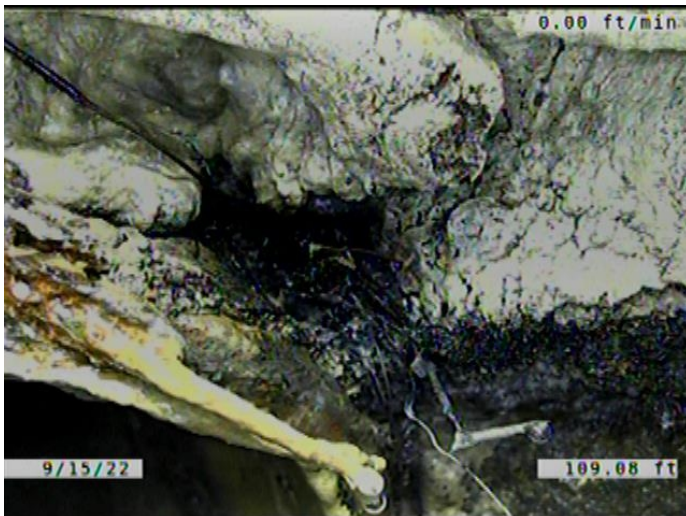
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **103.0**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index: **F04**
 Within 8" of Joint: **NO**
 Remarks:



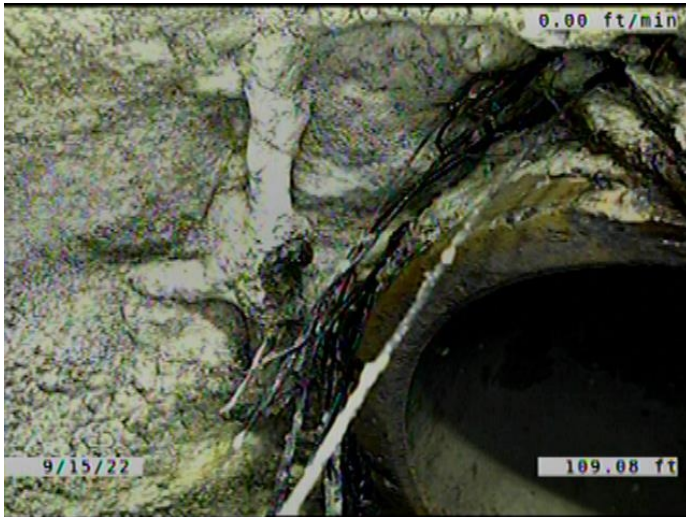
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **105.1**
 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: **B**
 Description: **Broken**

Distance (ft): **109.1**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **RFC**
 Description: **Roots Fine Connection**

Distance (ft): **109.1**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **11**
 Clock To: **1**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **110.9**
 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: **YES**
 Remarks: **CONSTANTLY RUNNING WATER.**



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

Distance (ft): **112.5**
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: **LR**
Description: **Line Right**

Distance (ft): **117.3**
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:



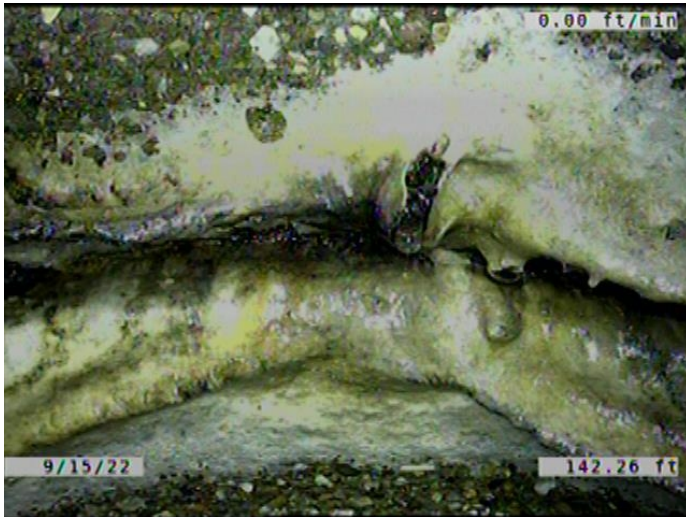
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **117.3**
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: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **136.7**
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:



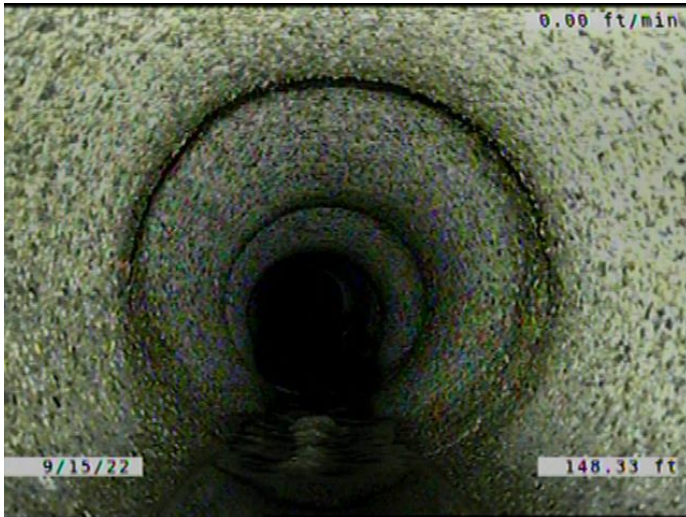
Code: **IDJ**
 Description: **Infiltration Dripper Joint**

Distance (ft): **142.3**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **12**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **142.3**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index: **S07**
 Within 8" of Joint: **NO**
 Remarks:



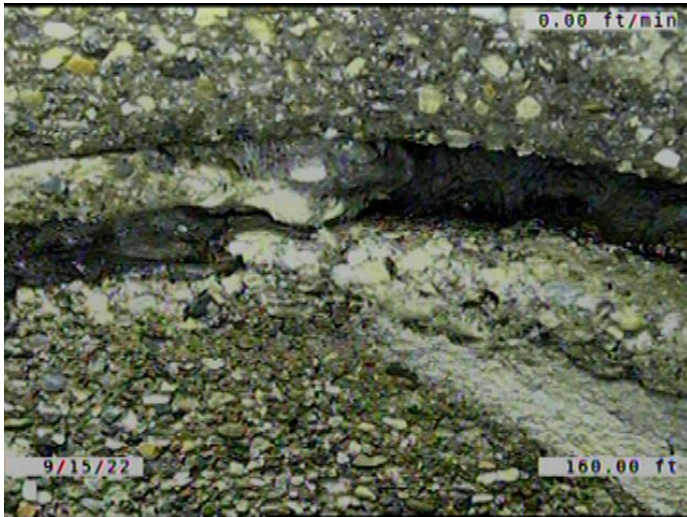
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **148.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F07**
Within 8" of Joint: **NO**
Remarks:



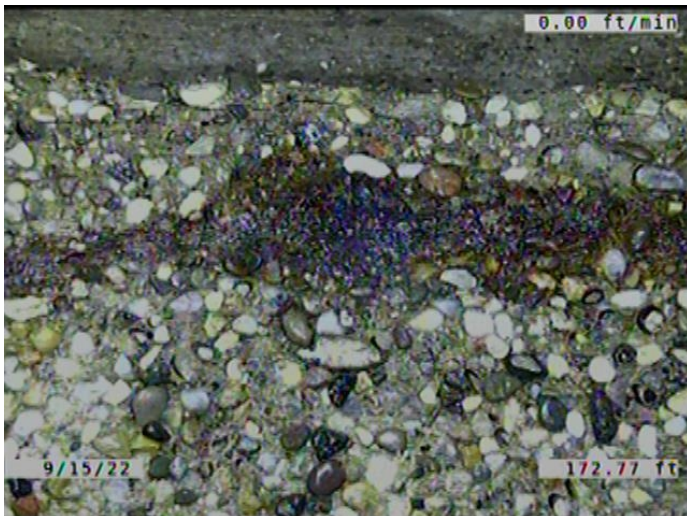
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **153.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index: **S08**
Within 8" of Joint: **NO**
Remarks:



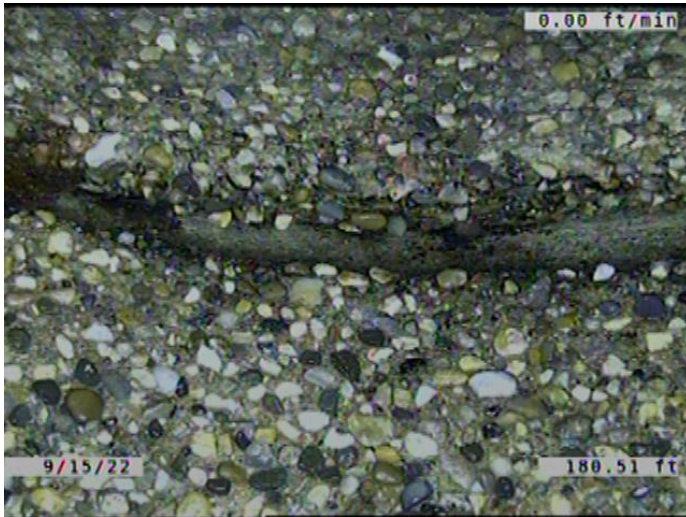
Code: **IDJ**
 Description: **Infiltration Dripper Joint**

Distance (ft): **160.0**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **1**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



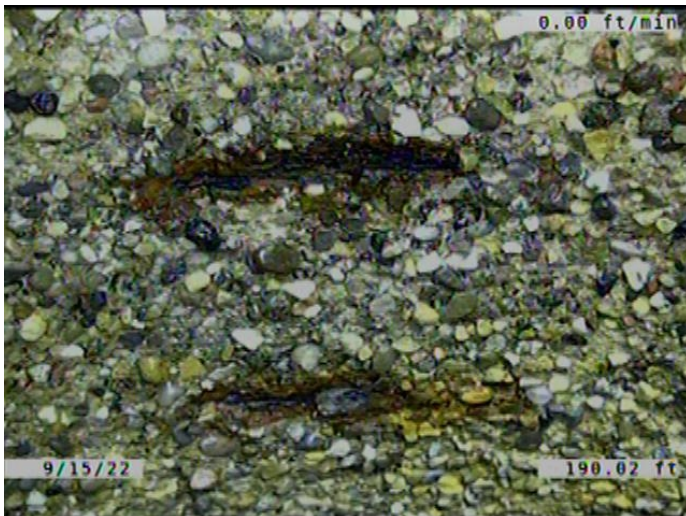
Code: **SRV**
 Description: **Surface Damage Reinforcement Visible**

Distance (ft): **172.8**
 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:



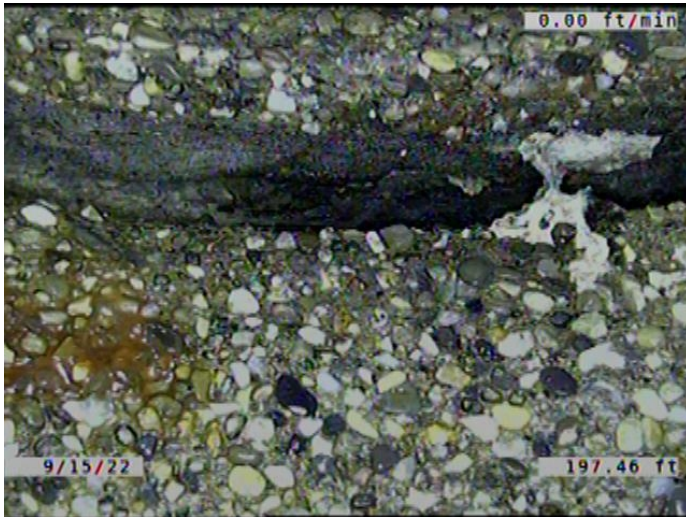
Code: **JOMD**
 Description: **Joint Offset Medium Defective**

Distance (ft): **180.5**
 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:



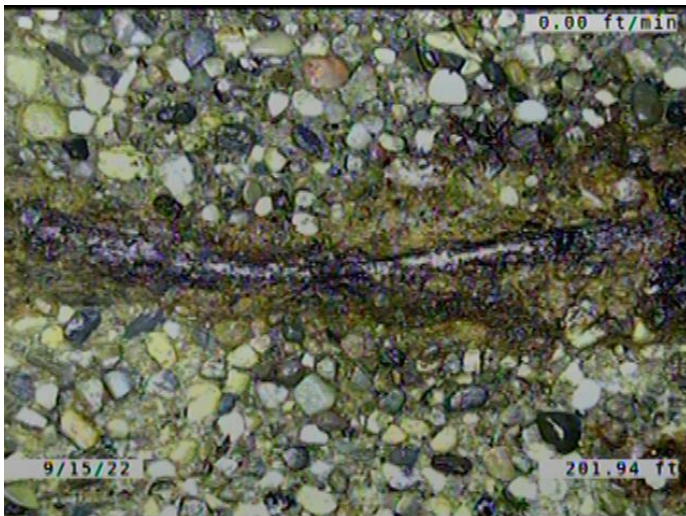
Code: **SRV**
 Description: **Surface Damage Reinforcement Visible**

Distance (ft): **190.0**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To: **11**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



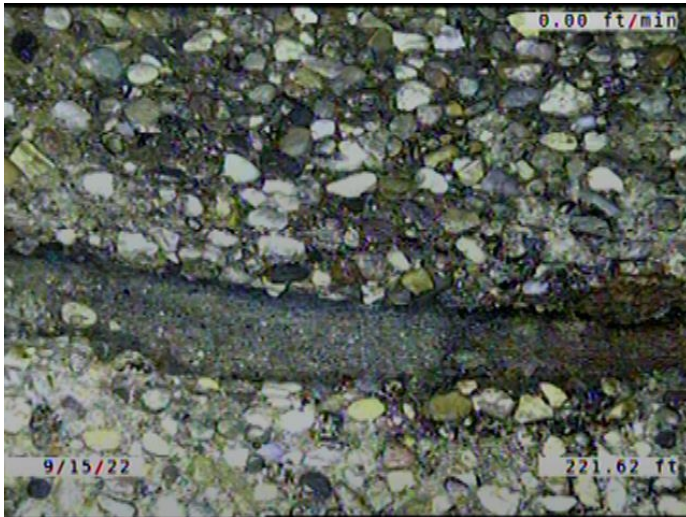
Code: **JOMD**
 Description: **Joint Offset Medium Defective**

Distance (ft): **197.5**
 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:



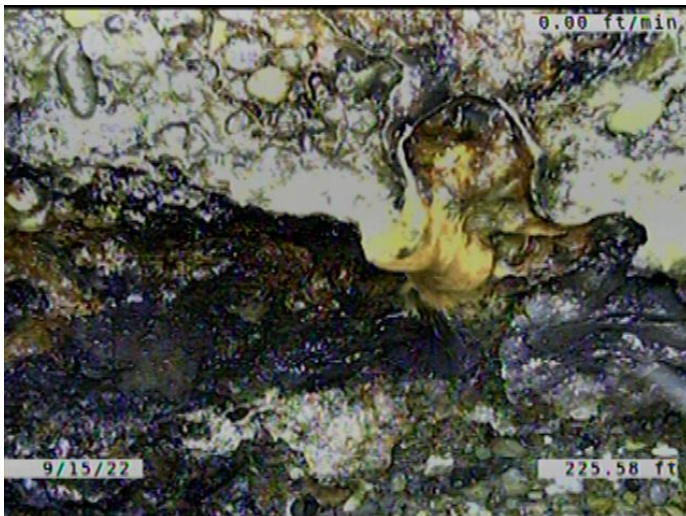
Code: **SRV**
 Description: **Surface Damage Reinforcement Visible**

Distance (ft): **201.9**
 Structural Grade: **4**
 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:



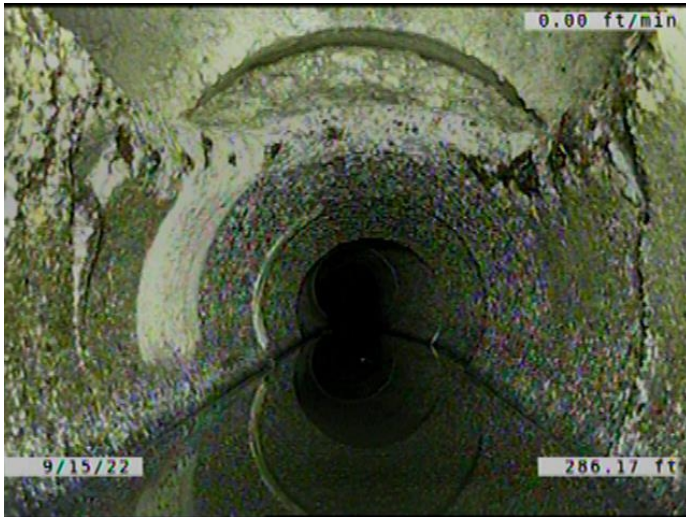
Code: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **221.6**
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:



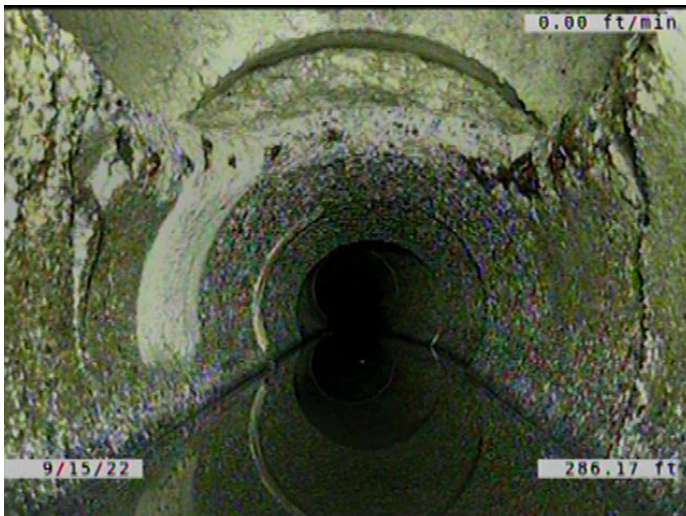
Code: **IWJ**
Description: **Infiltration Weeper Joint**

Distance (ft): **225.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **12**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **286.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index: **F08**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **286.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



Code:	AMH
Description:	Manhole
Distance (ft):	289.7
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:	M-405-044