

# Profile/Photo Observation Report



Date:	09/02/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	357.6	Owner:	City of Hobart	Pre Clean:	Light Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-504-126-127
Customer:	City of Hobart	Clean Date:	08/30/2021	Shape:	C

Street:	North Wilson Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Alley	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	10"
Use:	Sanitary Sewage Pipe	Material:	CP
Drain Area:		Lining:	
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-504-127	DS MH:	M-504-126
		Total Length Surveyed (ft):	357.6

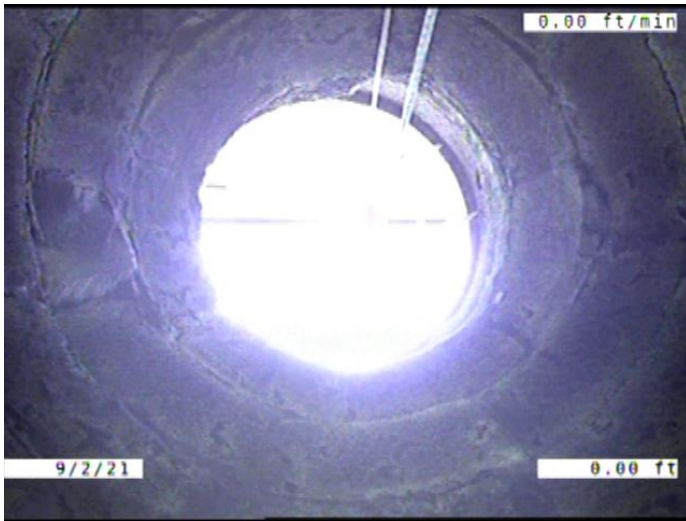
O&M Index:	2.17	O&M Quick:	3C2I	O&M Rating:	167.00
Structural Index:	3.14	Structural Quick:	473A	Structural Rating:	69.00
Overall Index:	2.38	Overall Quick:	473E	Overall Rating:	236.00

Position	Code	Observation	Video (sec)	Grade
.0	AMH	Manhole	1	NA
.0	MWL	Miscellaneous Water Level	58	NA
.9	FS	Fracture Spiral	97	S 3
.9	RFJ	Roots Fine Joint	114	M 1
2.8	DSC	Deposits Settled Hard/Compacted	0	M 2
9.7	RFJ(S01)	Roots Fine Joint	46	M 1
21.6	RMJ	Roots Medium Joint	166	M 3
23.5	RFJ(F01)	Roots Fine Joint	208	M 1
25.0	RMJ(S02)	Roots Medium Joint	277	M 3
48.7	MWLS	Miscellaneous Water Level Sag	392	S 2
58.7	FM(S03)	Fracture Multiple	500	S 4
61.0	FL	Fracture Longitudinal	548	S 3
64.4	FM(F03)	Fracture Multiple	577	S 4
70.1	MMC	Miscellaneous Material Change	636	NA
71.0	TF	Tap Factory	678	NA
73.1	MMC	Miscellaneous Material Change	730	NA
73.1	CM	Crack Multiple	791	S 3
88.9	RMJ(F02)	Roots Medium Joint	869	M 3
109.4	FM	Fracture Multiple	1032	S 4

109.4	ISB	Infiltration Stain Barrel	1090	M 1
110.3	TFD	Tap Factory Defective	1135	M 3
130.5	MMC	Miscellaneous Material Change	1261	NA
131.3	TF	Tap Factory	1287	NA
133.5	MMC	Miscellaneous Material Change	1352	NA
145.6	FL	Fracture Longitudinal	1488	S 3
145.6	FL	Fracture Longitudinal	1506	S 3
148.9	DAR	Deposits Attached Ragging	1549	M 2
153.7	DSF(S04)	Deposits Settled Fine	1586	M 2
160.7	MMC	Miscellaneous Material Change	1648	NA
160.7	FM	Fracture Multiple	1691	S 4
161.6	TFC	Tap Factory Capped	1722	NA
164.6	TFD	Tap Factory Defective	1760	M 3
166.6	MMC	Miscellaneous Material Change	1815	NA
176.8	TBI	Tap Break-in Intruding	1929	M 2
184.9	CM	Crack Multiple	2035	S 3
205.7	FM	Fracture Multiple	2173	S 4
205.7	MMC	Miscellaneous Material Change	2189	NA
206.7	TFC	Tap Factory Capped	2225	NA
208.8	FS	Fracture Spiral	2285	S 3
209.5	TFD	Tap Factory Defective	2326	M 3
211.8	MMC	Miscellaneous Material Change	2384	NA
216.5	TBI	Tap Break-in Intruding	2448	M 2
244.5	OBZ(S05)	Obstruction Other	2617	M 2
259.7	MMC	Miscellaneous Material Change	2820	NA
261.2	TFD	Tap Factory Defective	2878	M 3
263.1	FM	Fracture Multiple	2934	S 4
264.1	TF	Tap Factory	2967	NA
266.2	JAM	Joint Angular Medium	3034	S 3
266.2	MMC	Miscellaneous Material Change	3046	NA
266.6	CM	Crack Multiple	3102	S 3
266.6	ISB	Infiltration Stain Barrel	3114	M 1
270.9	OBZ(F05)	Obstruction Other	3151	M 2
287.3	FM	Fracture Multiple	3245	S 4
299.1	DAE	Deposits Attached Encrustation	3333	M 2
308.3	MMC	Miscellaneous Material Change	3387	NA
309.3	TFC	Tap Factory Capped	3433	NA
312.4	TFD	Tap Factory Defective	3491	M 3
312.5	CS	Crack Spiral	3537	S 2
312.5	ISB	Infiltration Stain Barrel	3563	M 1
313.5	TB	Tap Break-in/Hammer	3607	NA
314.4	MMC	Miscellaneous Material Change	3652	NA

323.8	MWLS(S06)	Miscellaneous Water Level Sag	3707	S 2
332.0	MWLS(F06)	Miscellaneous Water Level Sag	3749	S 2
341.6	MMC	Miscellaneous Material Change	3824	NA
342.4	TFC	Tap Factory Capped	3852	NA
344.6	FM	Fracture Multiple	3932	S 4
345.5	TFD	Tap Factory Defective	3965	M 3
347.6	MMC	Miscellaneous Material Change	4020	NA
353.4	FS	Fracture Spiral	4080	S 3
353.5	FS	Fracture Spiral	4082	S 3
356.2	DSF(F04)	Deposits Settled Fine	4111	M 2
357.6	AMH	Manhole	4182	NA

**M-504-126**



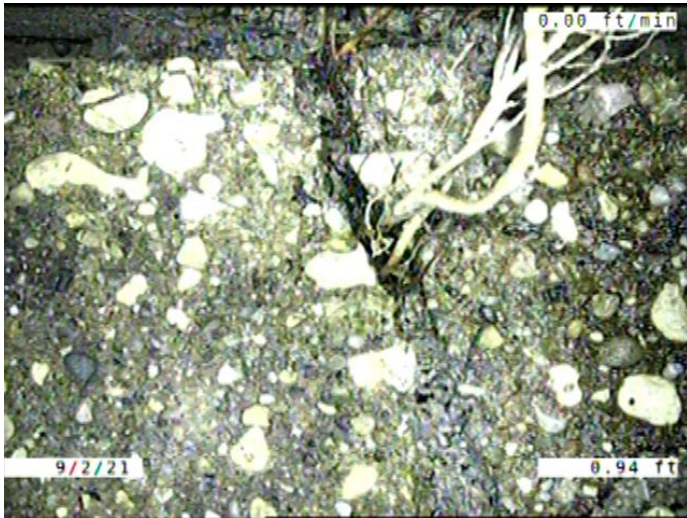
Code: **AMH**  
Description: **Manhole**

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-504-127**



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

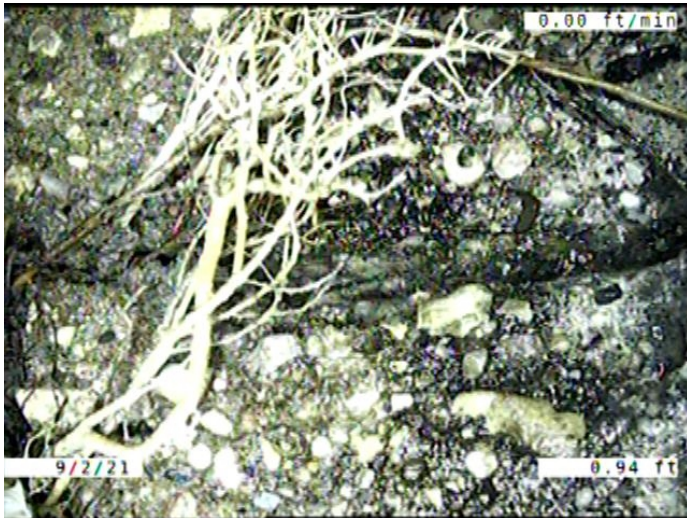
Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



Code: **FS**  
Description: **Fracture Spiral**

Distance (ft): **.9**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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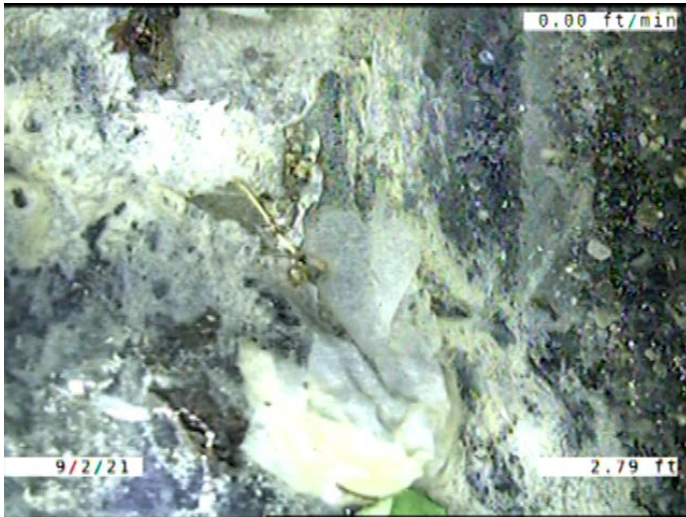


Code: **RFJ**  
Description: **Roots Fine Joint**

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

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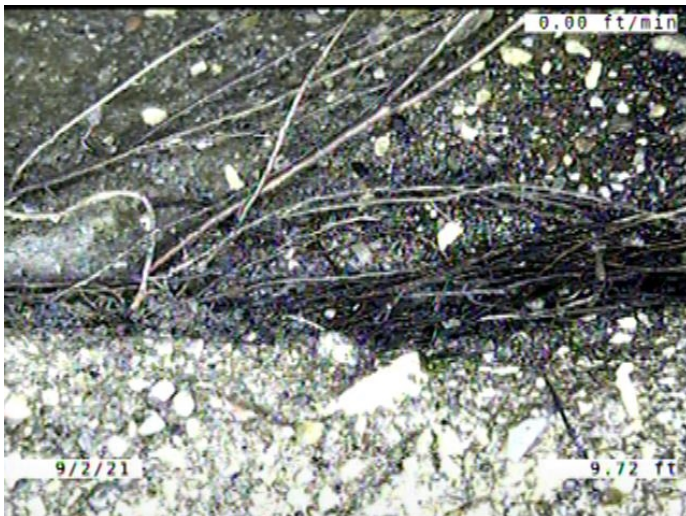




Code: **DSC**  
 Description: **Deposits Settled Hard/Compacted**

Distance (ft): **2.8**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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

Distance (ft): **9.7**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **3**  
 Clock To: **9**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S01**  
 Within 8" of Joint: **YES**  
 Remarks:

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

Distance (ft): **21.6**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **2**  
 Clock To: **9**  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

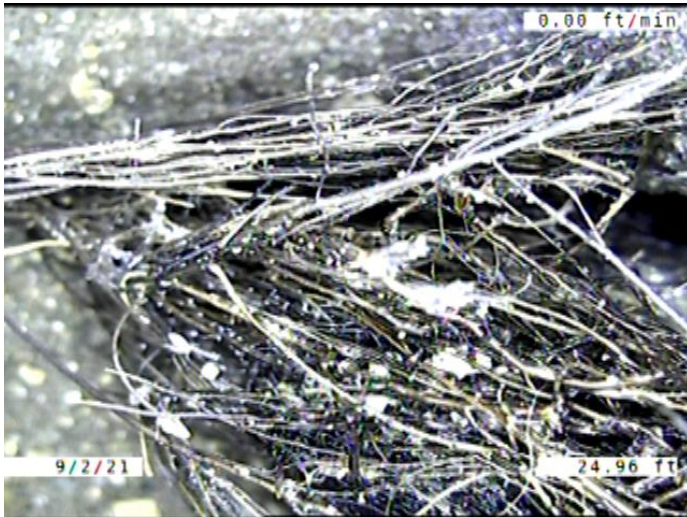
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Code: **RFJ**  
 Description: **Roots Fine Joint**

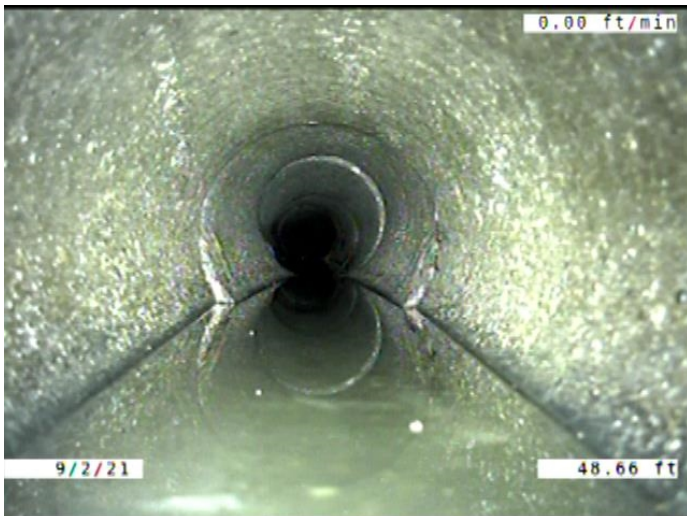
Distance (ft): **23.5**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **3**  
 Clock To: **9**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F01**  
 Within 8" of Joint: **YES**  
 Remarks:

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

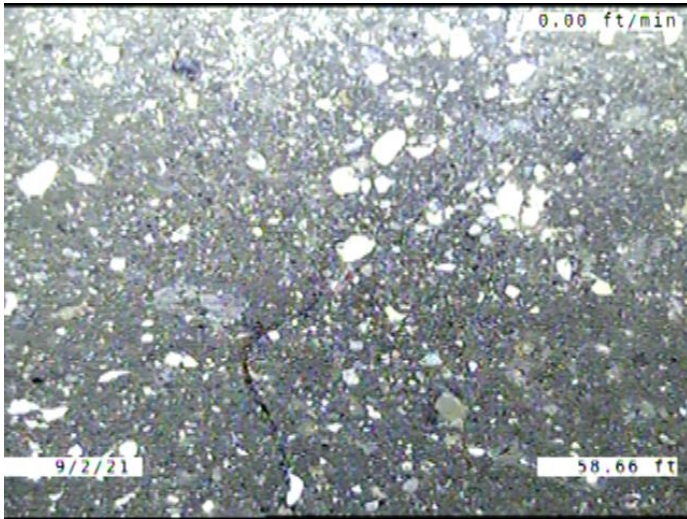
Distance (ft): **25.0**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **7**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S02**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **48.7**  
 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: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **58.7**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **7**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S03**  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **FL**  
 Description: **Fracture Longitudinal**

Distance (ft): **61.0**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **4**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

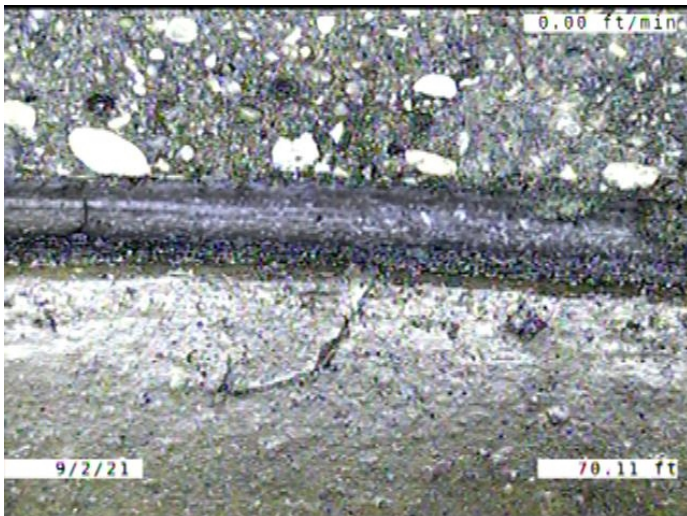




Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **64.4**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F03**  
Within 8" of Joint: **YES**  
Remarks:

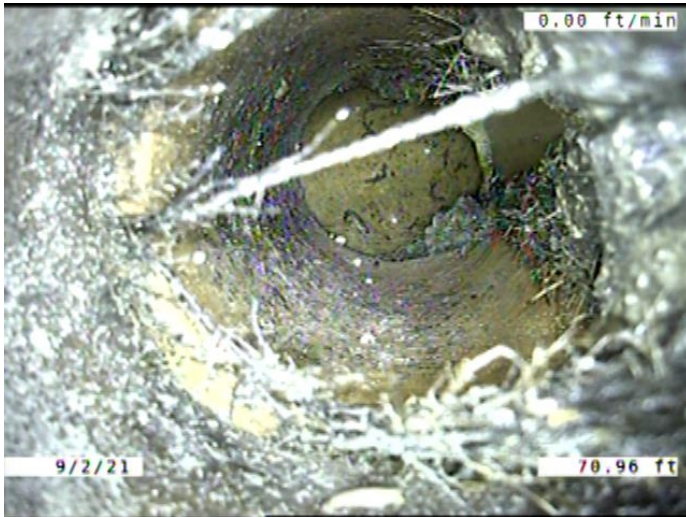
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Code: **MMC**  
Description: **Miscellaneous Material Change**

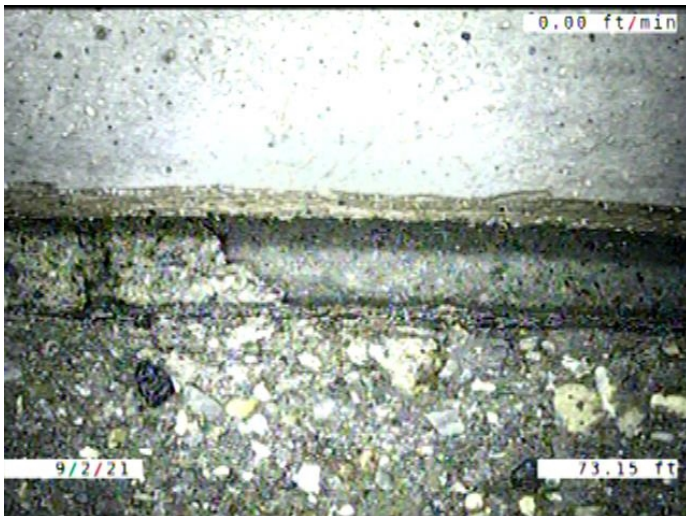
Distance (ft): **70.1**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **CONCRETE TO VCP**

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

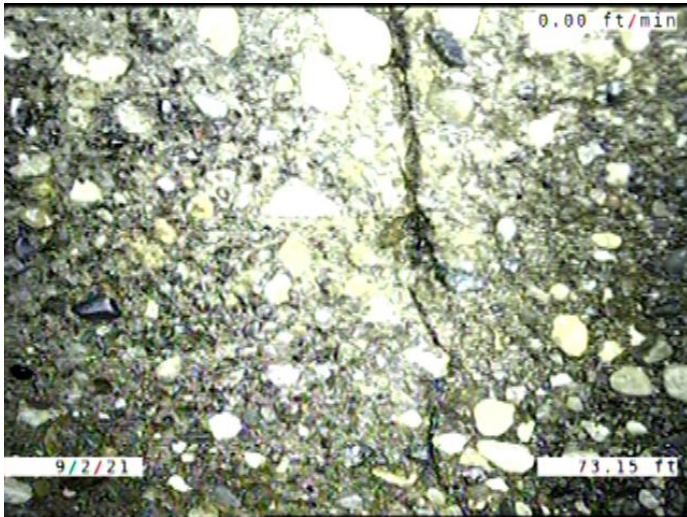
Distance (ft): **71.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **ROOTS GROWING IN THE TAP**



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

Distance (ft): **73.1**  
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: **VCP TO CONCRETE**





Code: **CM**  
 Description: **Crack Multiple**

Distance (ft): **73.1**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **3**  
 Clock To: **9**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **88.9**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **7**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F02**  
 Within 8" of Joint: **YES**  
 Remarks:



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

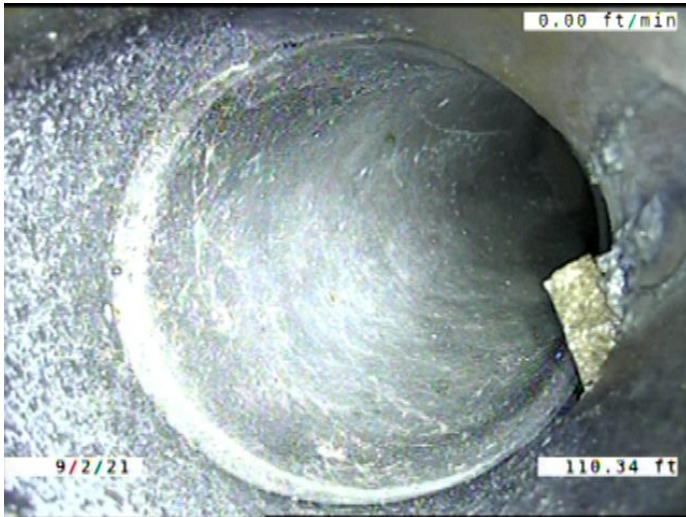
Distance (ft): **109.4**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **7**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **ISB**  
 Description: **Infiltration Stain Barrel**

Distance (ft): **109.4**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **2**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

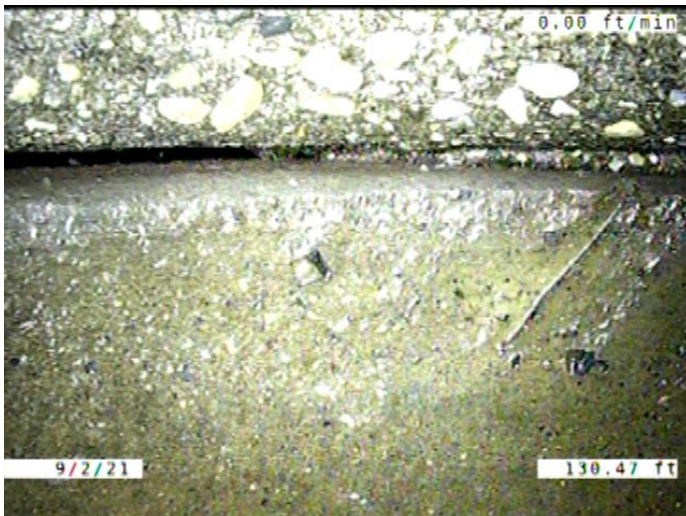




Code: **TFD**  
 Description: **Tap Factory Defective**

Distance (ft): **110.3**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **Debris**

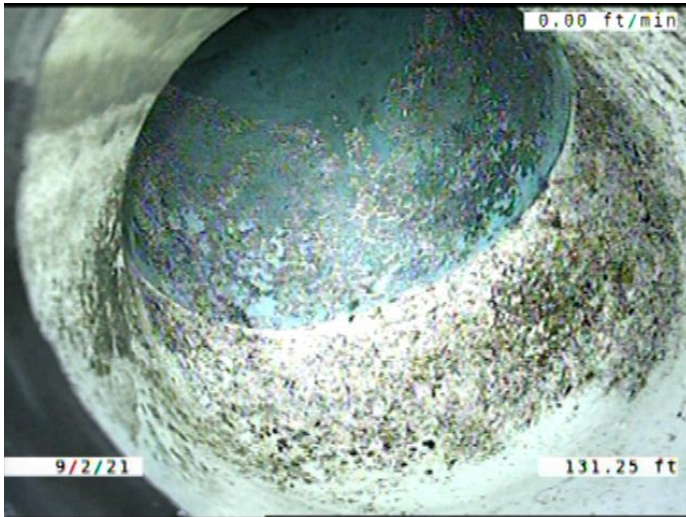
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Code: **MMC**  
 Description: **Miscellaneous Material Change**

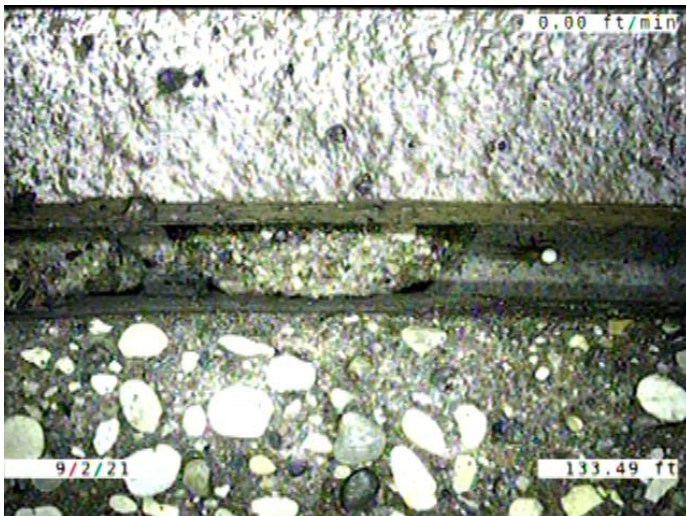
Distance (ft): **130.5**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **CONCRETE TO VCP**

---



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

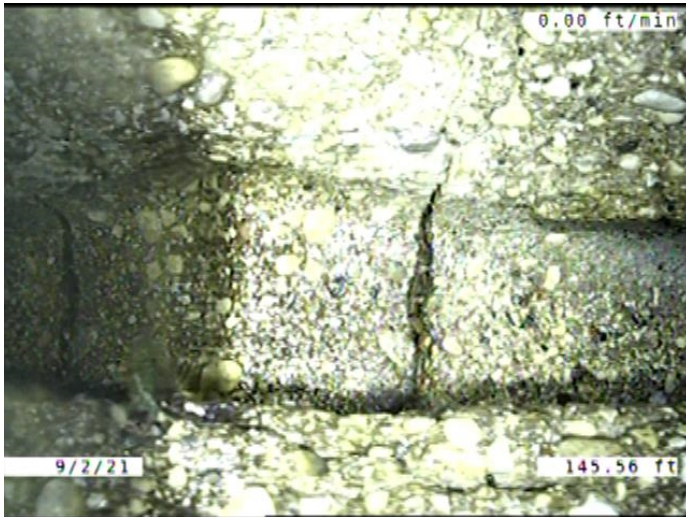
Distance (ft): **131.3**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

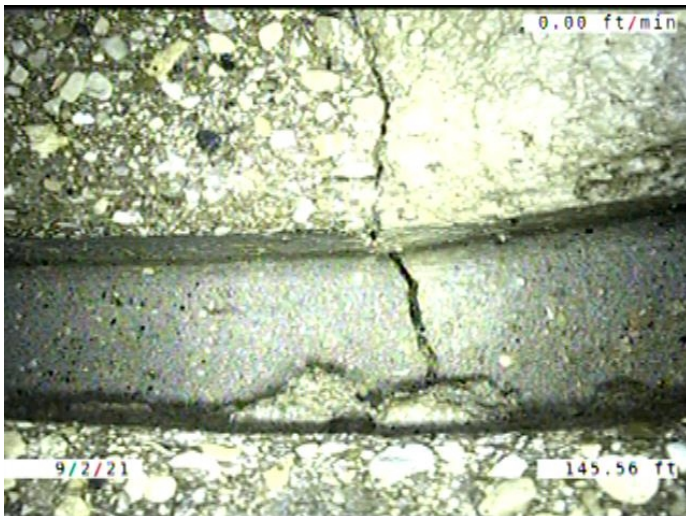
Distance (ft): **133.5**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **VCP TO CONCRETE**





Code: **FL**  
 Description: **Fracture Longitudinal**

Distance (ft): **145.6**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **3**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **FL**  
 Description: **Fracture Longitudinal**

Distance (ft): **145.6**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **DAR**  
 Description: **Deposits Attached Ragging**

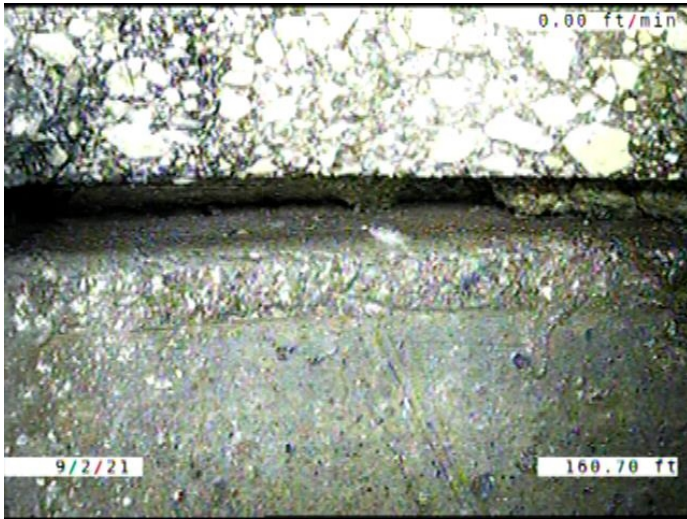
Distance (ft): **148.9**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **4**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **153.7**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S04**  
 Within 8" of Joint: **YES**  
 Remarks:

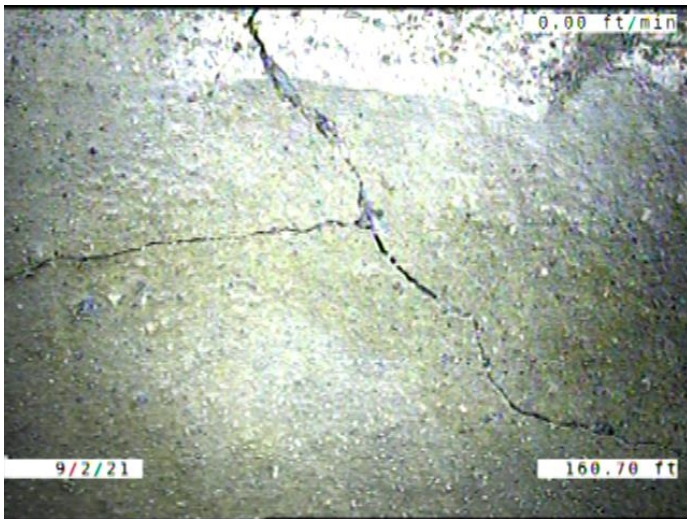




Code: **MMC**  
 Description: **Miscellaneous Material Change**

Distance (ft): **160.7**  
 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**

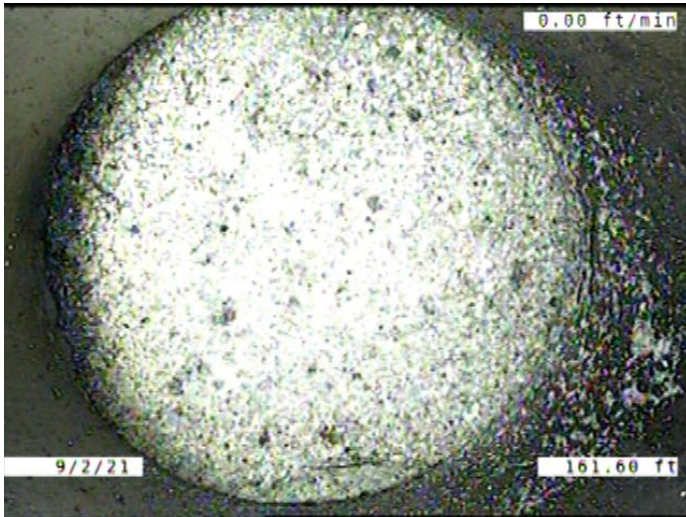
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Code: **FM**  
 Description: **Fracture Multiple**

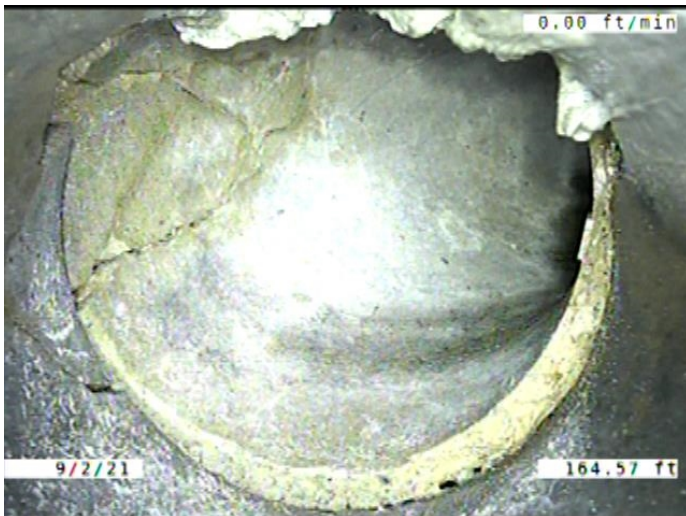
Distance (ft): **160.7**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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

Distance (ft): **161.6**  
 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: **TFD**  
 Description: **Tap Factory Defective**

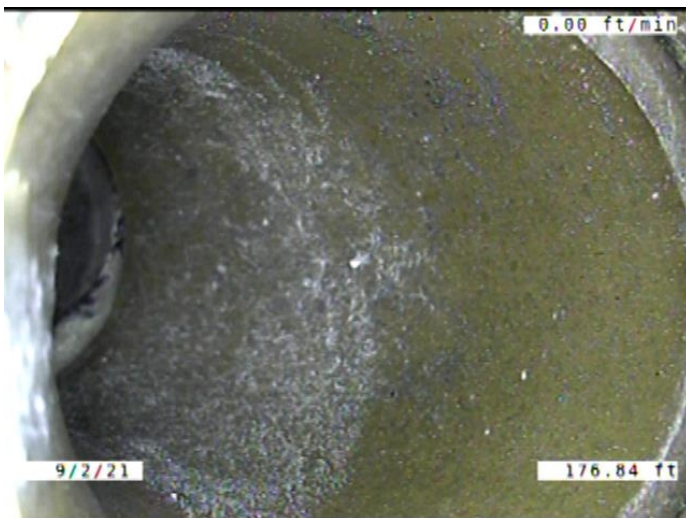
Distance (ft): **164.6**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **Debris**



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

Distance (ft): **166.6**  
 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**

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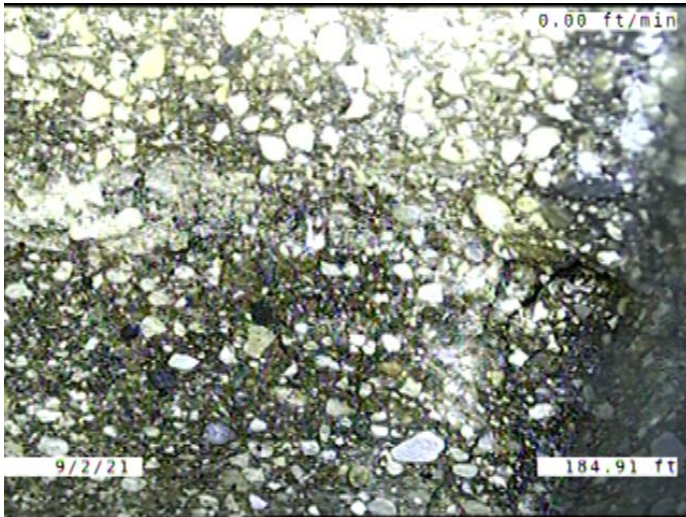


Code: **TBI**  
 Description: **Tap Break-in Intruding**

Distance (ft): **176.8**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:

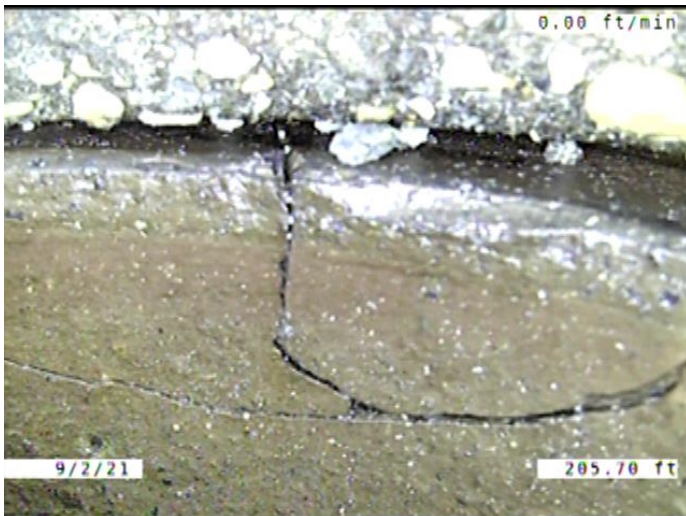
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Code: **CM**  
 Description: **Crack Multiple**

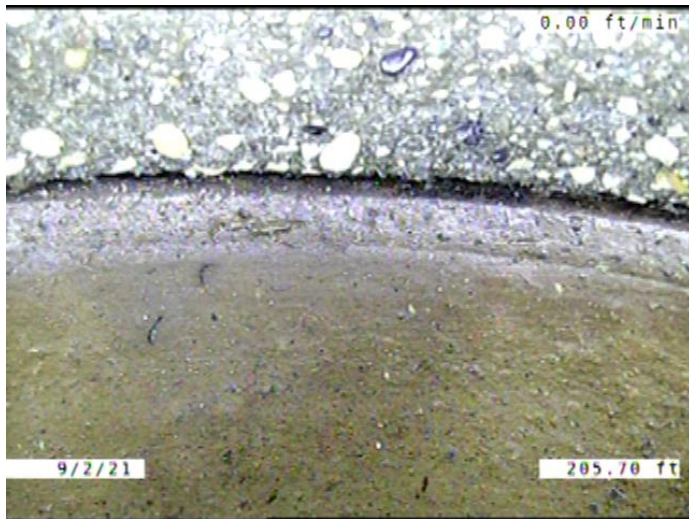
Distance (ft): **184.9**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

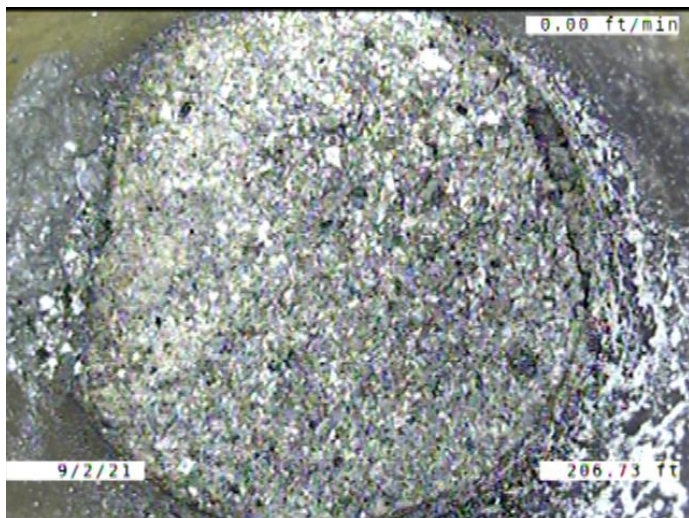
Distance (ft): **205.7**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





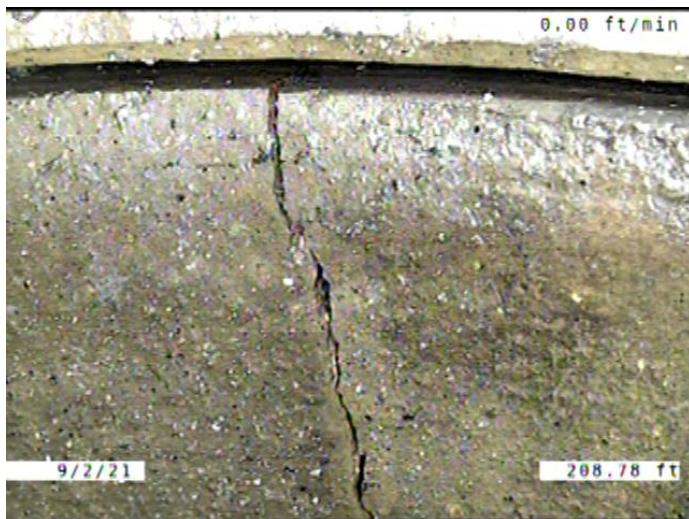
Code: **MMC**  
 Description: **Miscellaneous Material Change**

Distance (ft): **205.7**  
 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**



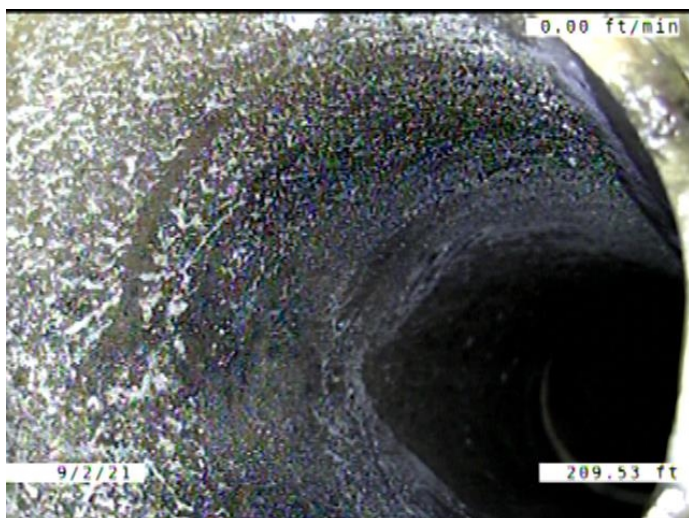
Code: **TFC**  
 Description: **Tap Factory Capped**

Distance (ft): **206.7**  
 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: **FS**  
 Description: **Fracture Spiral**

Distance (ft): **208.8**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

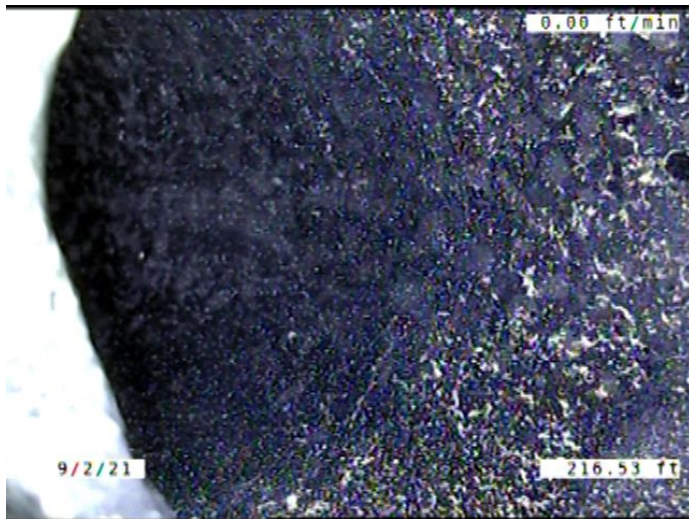
Distance (ft): **209.5**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **Debris**





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

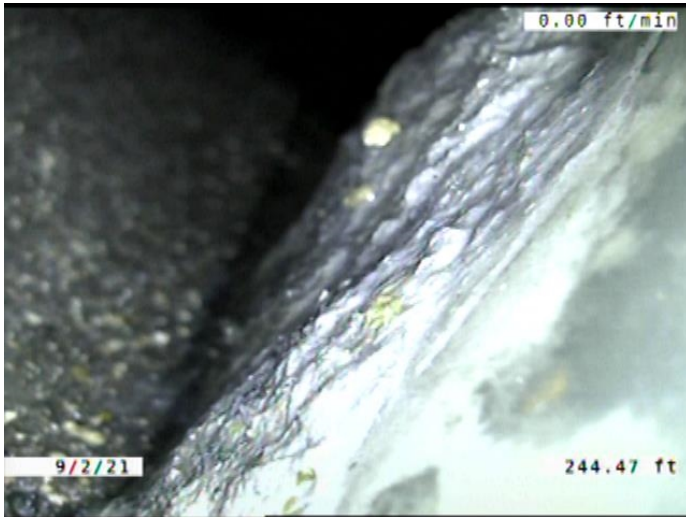
Distance (ft): **211.8**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **VCP TO CONCRETE**



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

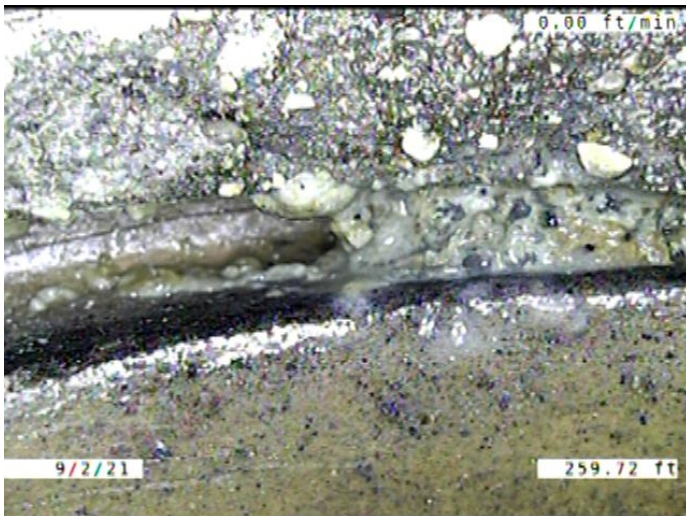
Distance (ft): **216.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ACTIVE**





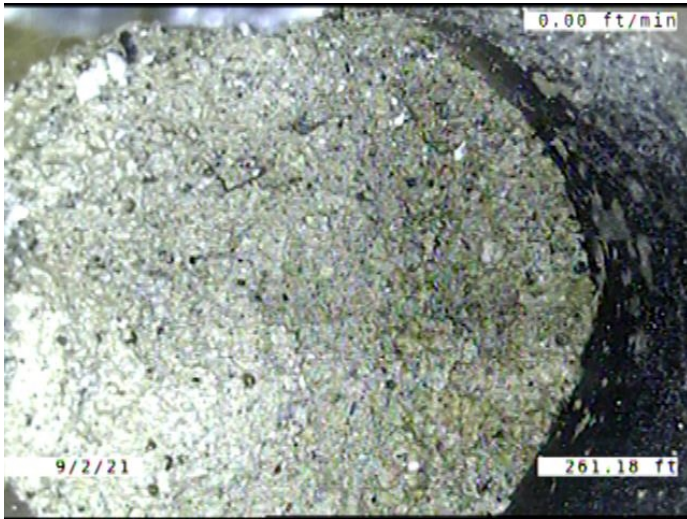
Code: **OBZ**  
 Description: **Obstruction Other**

Distance (ft): **244.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **4**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **S05**  
 Within 8" of Joint: **YES**  
 Remarks: **TP AND RAGS**



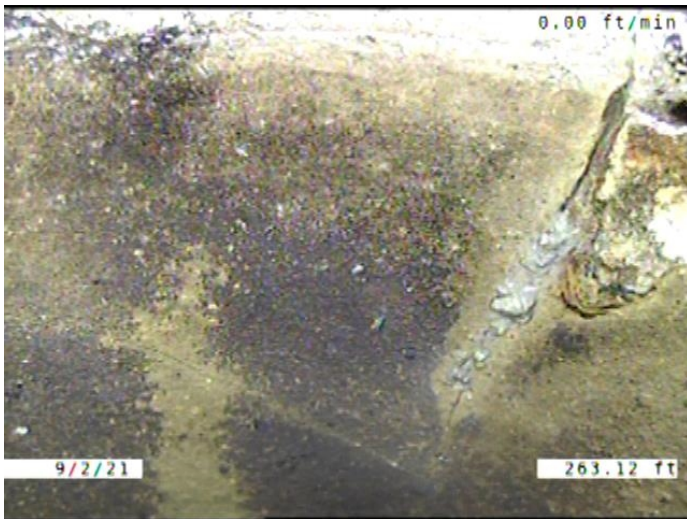
Code: **MMC**  
 Description: **Miscellaneous Material Change**

Distance (ft): **259.7**  
 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**



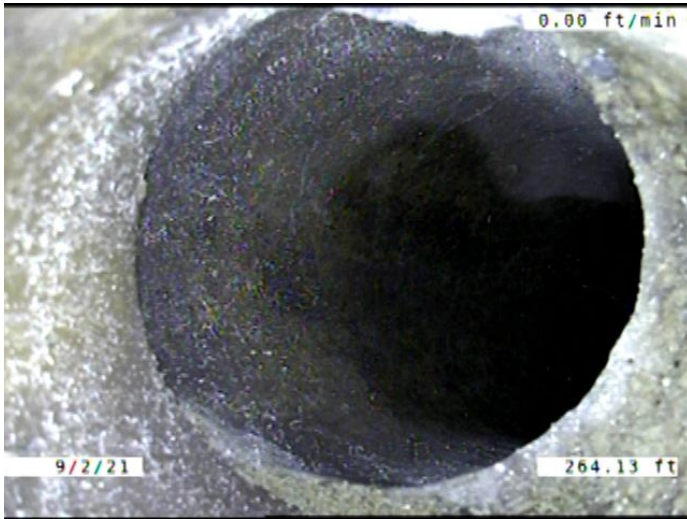
Code: **TFD**  
 Description: **Tap Factory Defective**

Distance (ft): **261.2**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **10**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **Debris**



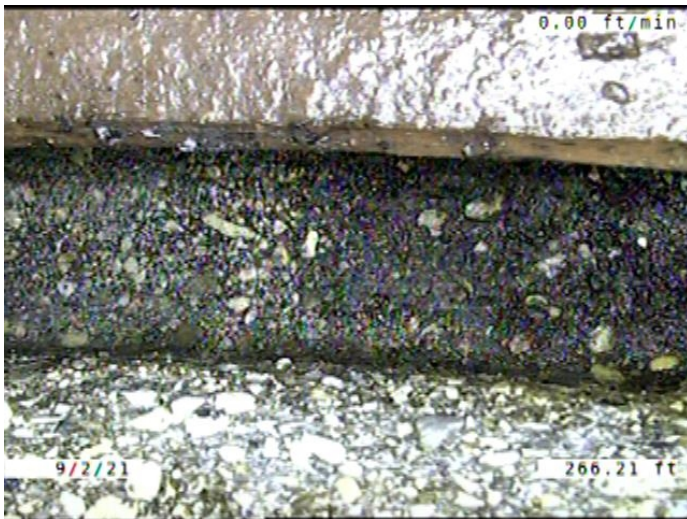
Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **263.1**  
 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: **YES**  
 Remarks:



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

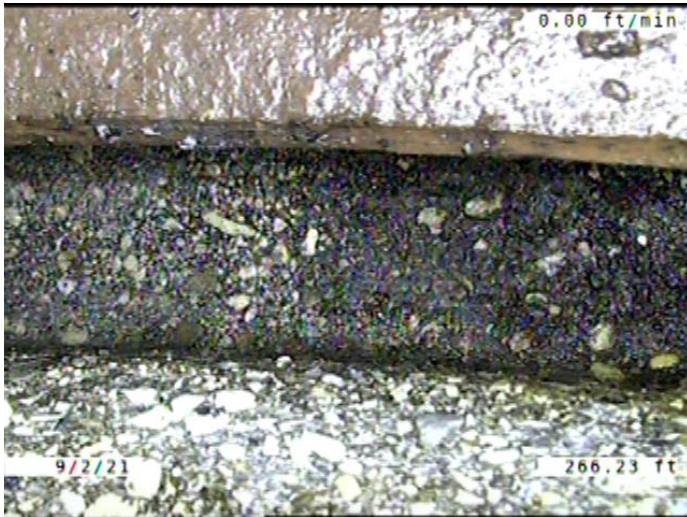
Distance (ft): **264.1**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

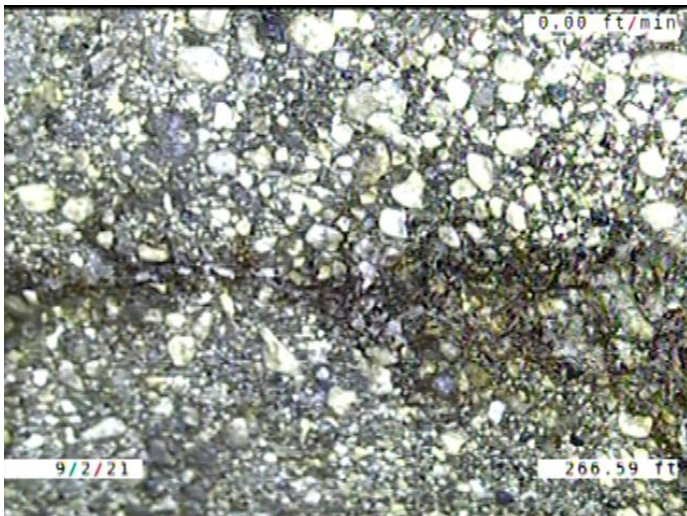
Distance (ft): **266.2**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:





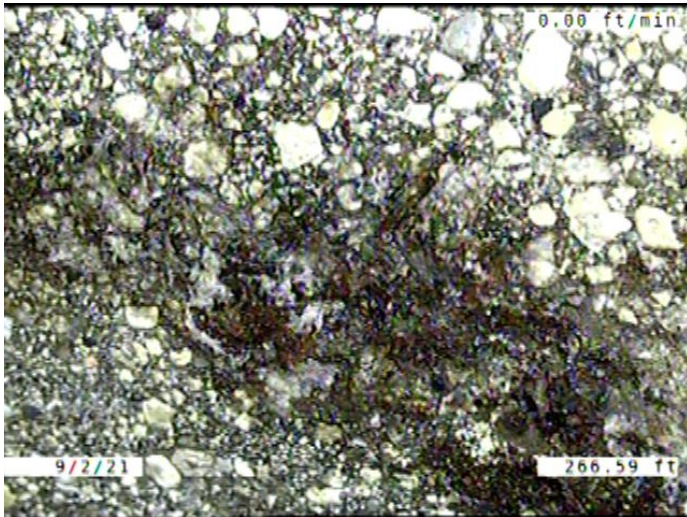
Code: **MMC**  
 Description: **Miscellaneous Material Change**

Distance (ft): **266.2**  
 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: **VCP TO CONCRETE**



Code: **CM**  
 Description: **Crack Multiple**

Distance (ft): **266.6**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **ISB**  
 Description: **Infiltration Stain Barrel**

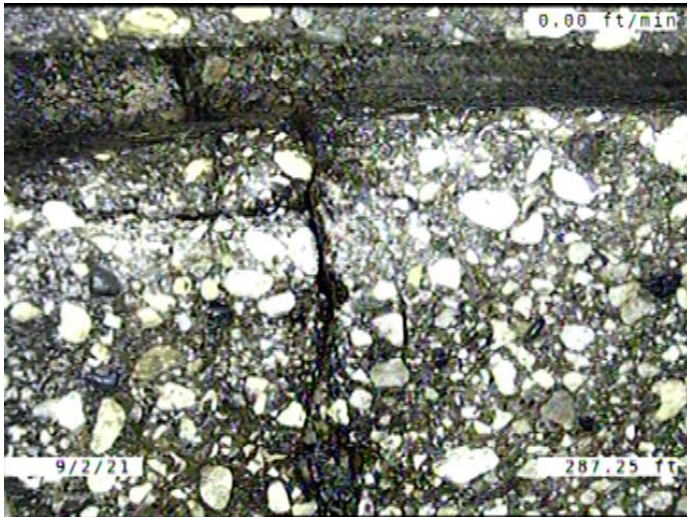
Distance (ft): **266.6**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **10**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **OBZ**  
 Description: **Obstruction Other**

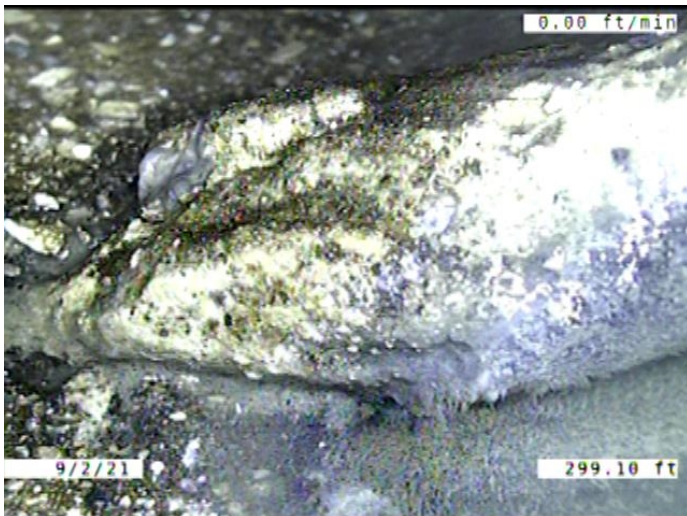
Distance (ft): **270.9**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **4**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **F05**  
 Within 8" of Joint: **YES**  
 Remarks: **TP AND RAGS**





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

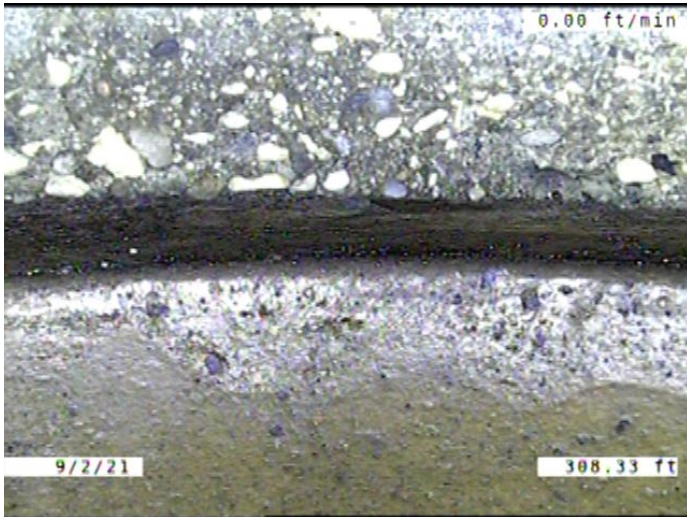
Distance (ft): **287.3**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **9**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

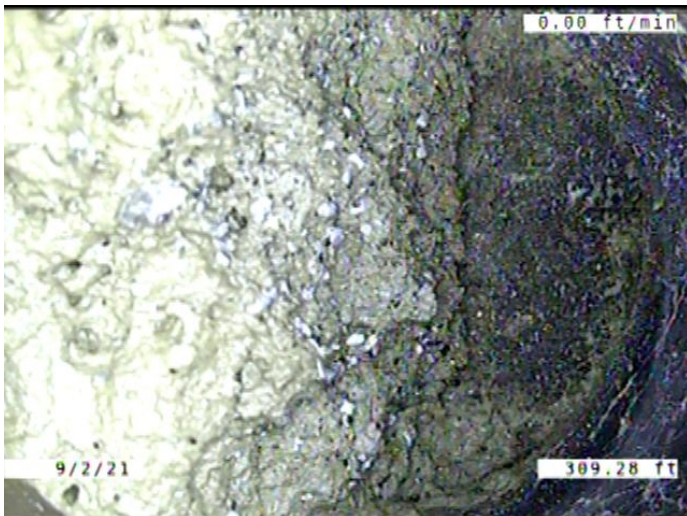
Distance (ft): **299.1**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **4**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





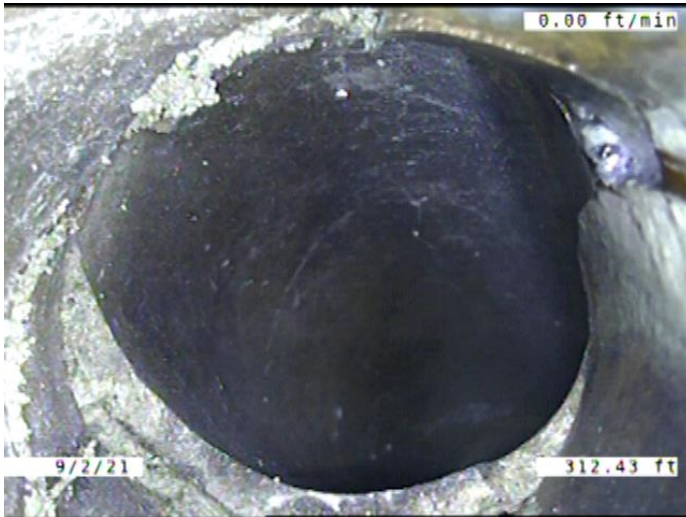
Code: **MMC**  
 Description: **Miscellaneous Material Change**

Distance (ft): **308.3**  
 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: **CONCRETE TO VCP**



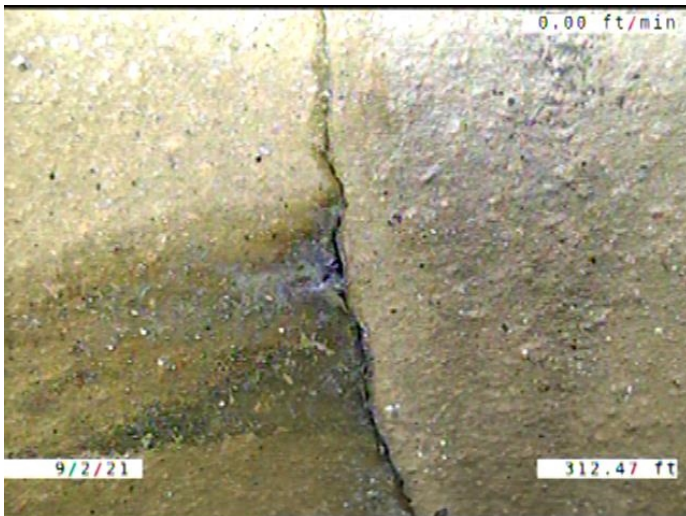
Code: **TFC**  
 Description: **Tap Factory Capped**

Distance (ft): **309.3**  
 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:



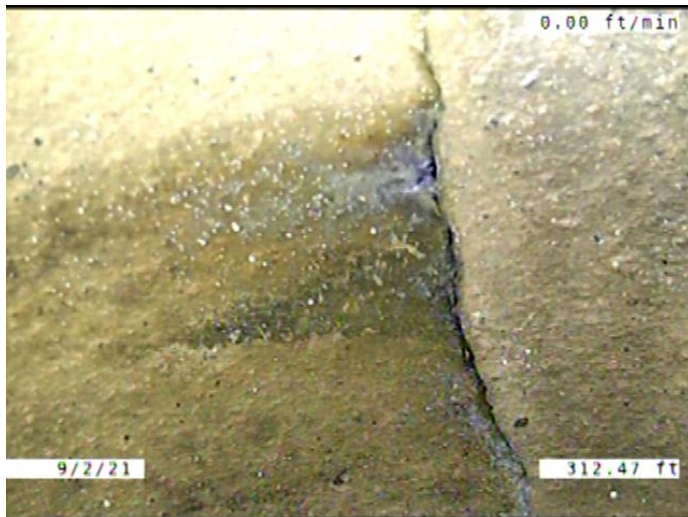
Code: **TFD**  
 Description: **Tap Factory Defective**

Distance (ft): **312.4**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **Debris**



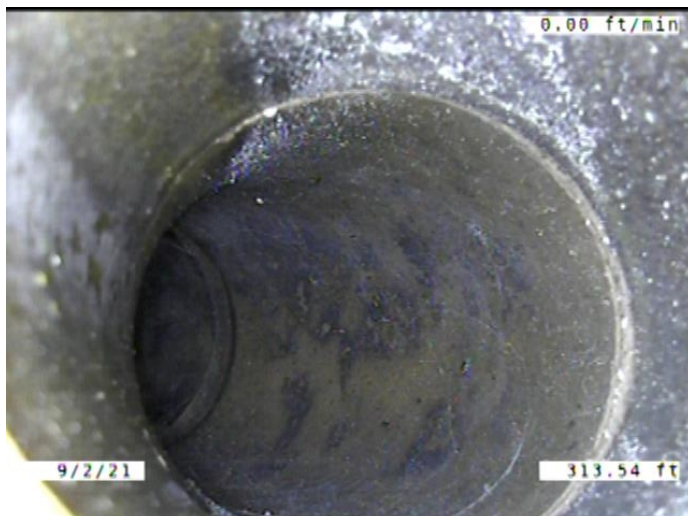
Code: **CS**  
 Description: **Crack Spiral**

Distance (ft): **312.5**  
 Structural Grade: **2**  
 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: **ISB**  
 Description: **Infiltration Stain Barrel**

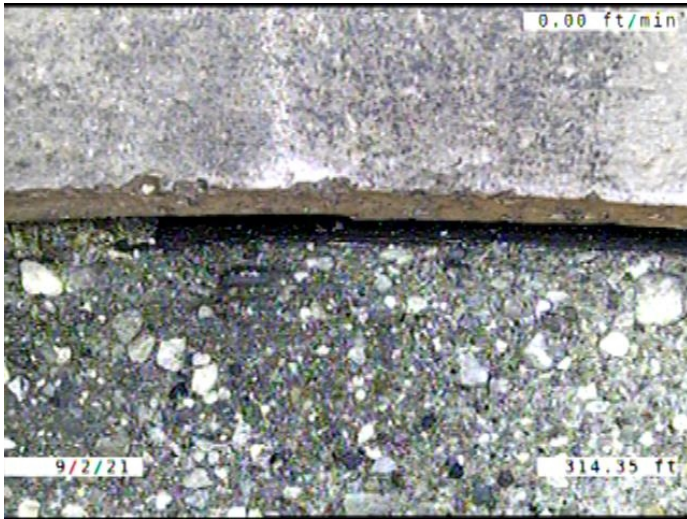
Distance (ft): **312.5**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **7**  
 Clock To: **10**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **TB**  
 Description: **Tap Break-in/Hammer**

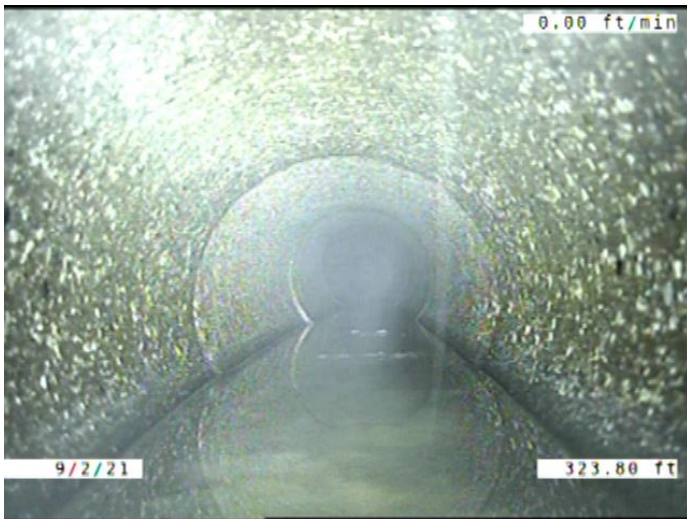
Distance (ft): **313.5**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





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

Distance (ft): **314.4**  
 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: **VCP TO CONCRETE**



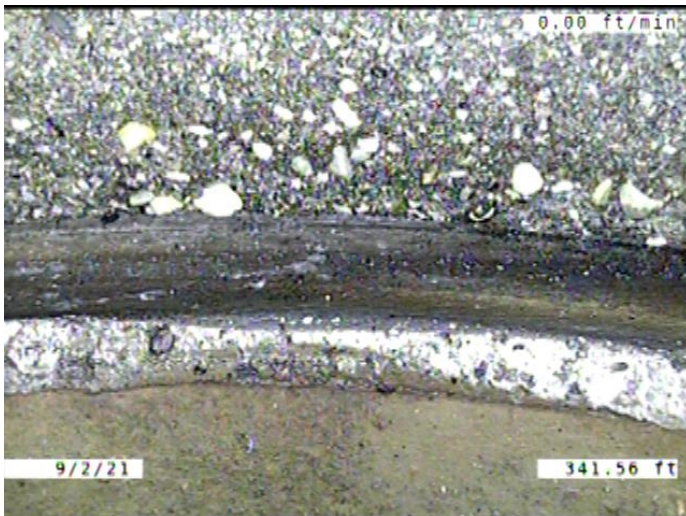
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **323.8**  
 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:



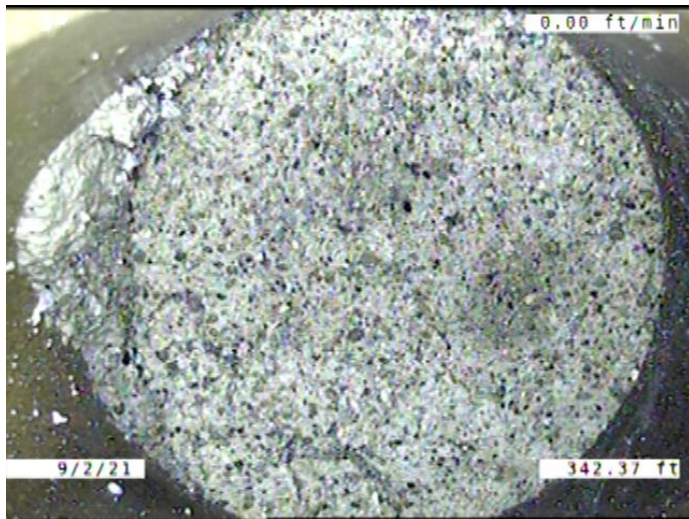
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **332.0**  
 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:



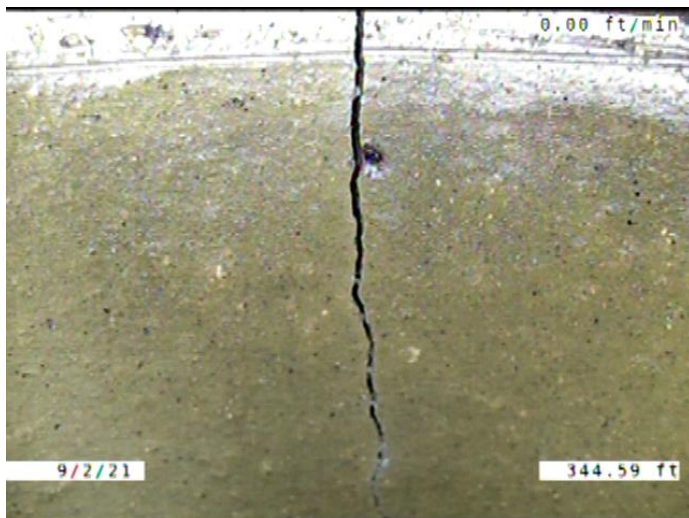
Code: **MMC**  
 Description: **Miscellaneous Material Change**

Distance (ft): **341.6**  
 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**

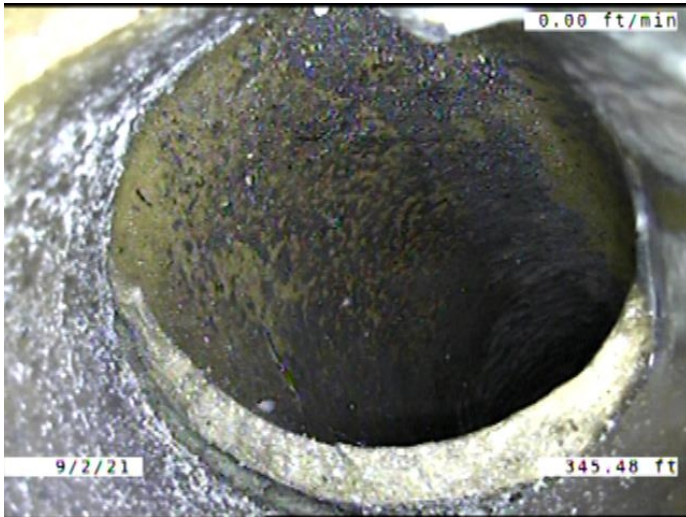
Distance (ft): **342.4**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

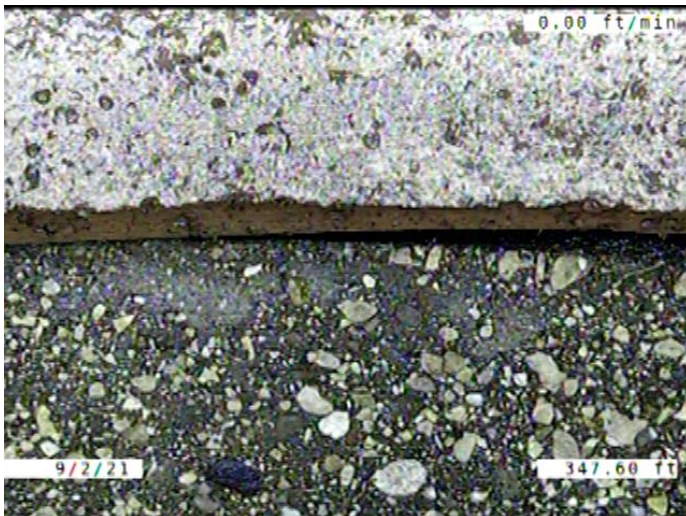
Distance (ft): **344.6**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





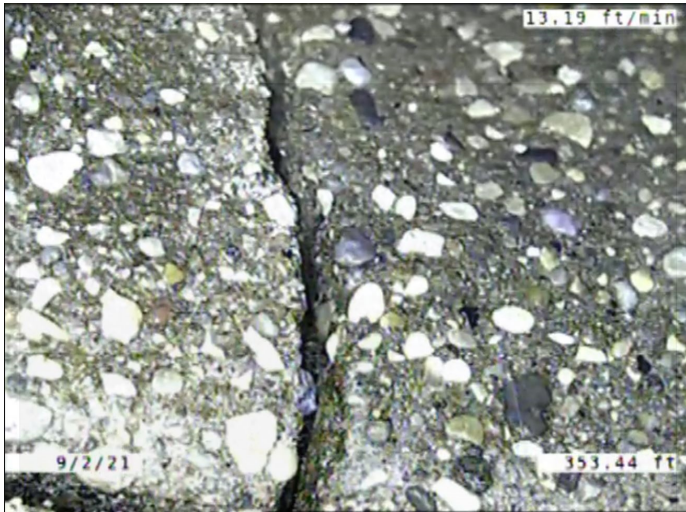
Code: **TFD**  
 Description: **Tap Factory Defective**

Distance (ft): **345.5**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **CONSTANTLY RUNNING WATER**



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

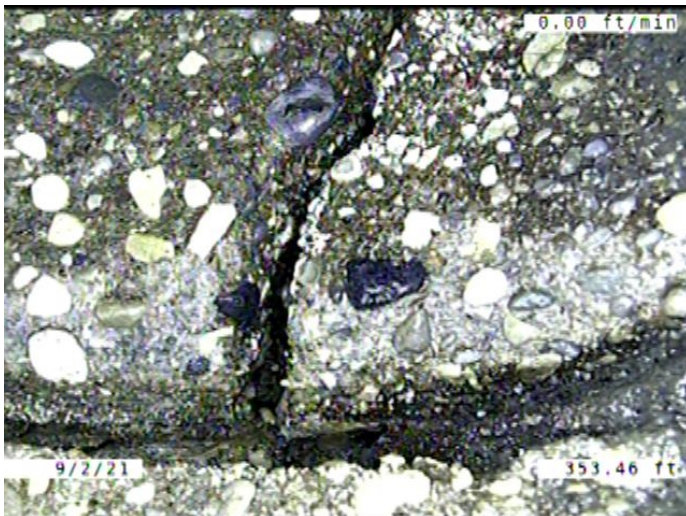
Distance (ft): **347.6**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **VCP TO CONCRETE**



Code: **FS**  
Description: **Fracture Spiral**

Distance (ft): **353.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



Code: **FS**  
Description: **Fracture Spiral**

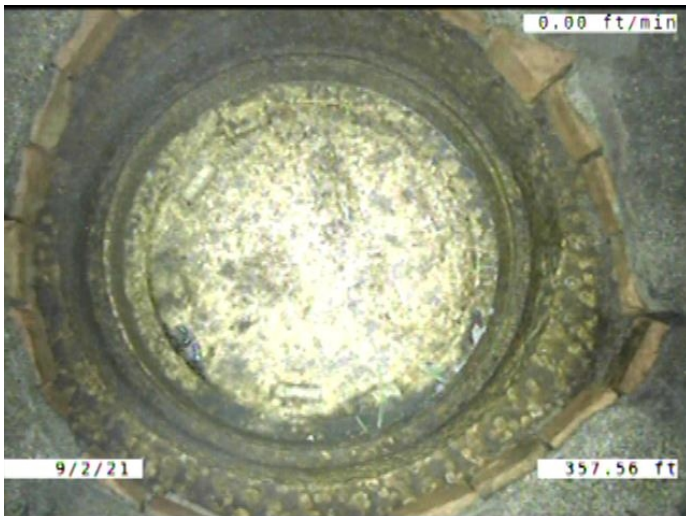
Distance (ft): **353.5**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **356.2**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F04**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **357.6**  
 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-504-126**