Profile/Photo Observation Report



Date: 09/03/2021 Weather: **PACP 7.0** Coding: Pipe Length (ft): 277.0 Owner: **City of Hobart** Pre Clean: **Light Cleaning** P.O.#: YES502259 S. Bucklin PSR: P-504-126.1-126 Surveyor:

Customer: City of Hobart Clean Date: 08/30/2021 Shape: C

Street: Old Ridge Road 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-504-126 DS MH: M-504-126.1 Total Length Surveyed (ft): 277.0

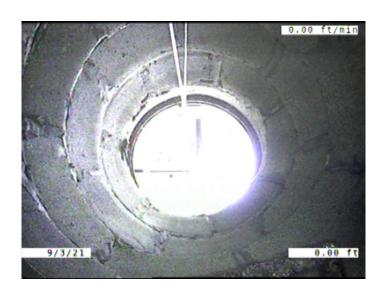
1.79 312N 184.00 O&M Index: O&M Quick: O&M Rating: 2.85 5243 94.00 Structural Quick: Structural Rating: Structural Index: 2.04 278.00 5243 Overall Quick: Overall Rating: Overall Index:

	Position	Code	Observation	Video (sec)	Grade
1(504	126				
	0.	AMH	Manhole	1	NA
1.0	<u></u>	MWL	Miscellaneous Water Level	69	NA
н	7\\\ <u>.</u> 0	DSF(S01)	Deposits Settled Fine	83	M 2
	2.7	RFJ	Roots Fine Joint	142	M 1
н	2.7	SMW	Surface Damage Missing Wall	178	S 5
ш	2.7	В	Broken	208	S 4
Ш	2.7	MMC	Miscellaneous Material Change	225	NA
	5.4	MMC	Miscellaneous Material Change	295	NA
	5.4	FM	Fracture Multiple	338	S 4
	7.5	MWLS(S02)	Miscellaneous Water Level Sag	383	S 2
ш	8.6	MMC	Miscellaneous Material Change	429	NA
-	11.4	RFJ	Roots Fine Joint	517	M 1
	11.4	RFJ	Roots Fine Joint	535	M 1
ш	11.4	CL	Crack Longitudinal	578	S 2
п	11.4	CL	Crack Longitudinal	592	S 2
	17.4	DAE	Deposits Attached Encrustation	653	M 2
,	20.6	RFJ	Roots Fine Joint	694	M 1
	20.6	CM	Crack Multiple	772	S 3
	23.5	CM(S03)	Crack Multiple	839	S 3

29.6	MWLS(F02)	Miscellaneous Water Level Sag	953	S 2
32.3	MWLS	Miscellaneous Water Level Sag	981	S 2
35.7	MMC	Miscellaneous Material Change	1037	NA
37.2	TBI	Tap Break-in Intruding	1087	M 2
40.2	TBI	Tap Break-in Intruding	1141	M 2
41.8	MMC	Miscellaneous Material Change	1195	NA
41.8	CM(F03)	Crack Multiple	1207	S 3
47.7	RFJ	Roots Fine Joint	1256	M 1
53.6	RFJ	Roots Fine Joint	1321	M 1
53.6	CM	Crack Multiple	1374	S 3
59.8	RMJ	Roots Medium Joint	1469	M 3
62.8	RFJ	Roots Fine Joint	1532	M 1
65.6	RFJ	Roots Fine Joint	1582	M 1
65.6	DAE	Deposits Attached Encrustation	1596	M 2
65.6	CL	Crack Longitudinal	1616	S 2
68.6	CM	Crack Multiple	1690	S 3
71.8	RFJ	Roots Fine Joint	1734	M 1
71.8	MMC	Miscellaneous Material Change	1754	NA
94.1	TBI	Tap Break-in Intruding	1921	M 2
97.1	TBI	Tap Break-in Intruding	2004	M 2
97.1	FC	Fracture Circumferential	2072	S 2
102.1	CM	Crack Multiple	2134	S 3
102.1	MMC	Miscellaneous Material Change	2157	NA
102.9	TFC	Tap Factory Capped	2186	NA
105.2	MMC	Miscellaneous Material Change	2240	NA
108.1	RFJ	Roots Fine Joint	2321	M 1
114.1	MWLS(S04)	Miscellaneous Water Level Sag	2376	S 2
119.4	TBI	Tap Break-in Intruding	2438	M 2
125.6	MWLS(F04)	Miscellaneous Water Level Sag	2481	S 2
129.7	CM	Crack Multiple	2536	S 3
138.4	MMC	Miscellaneous Material Change	2640	NA
/138.4	CM	Crack Multiple	2676	S 3
// 139.3	TF	Tap Factory	2702	NA
141.5	MMC	Miscellaneous Material Change	2752	NA
147.4	MMC	Miscellaneous Material Change	2839	NA
/148.3	TFC	Tap Factory Capped	2866	NA
150.4	MMC	Miscellaneous Material Change	2929	NA
150.4	FM	Fracture Multiple	2970	S 4
155.0	ТВІ	Tap Break-in Intruding	3029	M 2
159.4	DAE	Deposits Attached Encrustation	3118	M 2
165.5	DAE	Deposits Attached Encrustation	3179	M 2
/ 165.5	DAE	Deposits Attached Encrustation	3195	M 2

// 168.5	DAE	Deposits Attached Encrustation	3231	M 2
171.8	JAM	Joint Angular Medium	3321	S 3
//171.8	DAE	Deposits Attached Encrustation	3360	M 2
171.8	LL	Line Left	3383	M 1
171.9	DAE	Deposits Attached Encrustation	3459	M 2
171.9	CM	Crack Multiple	3479	S 3
177.6	DAE	Deposits Attached Encrustation	3536	M 2
177.6	DAE	Deposits Attached Encrustation	3553	M 2
180.7	DAE	Deposits Attached Encrustation	3588	M 2
190.1	CM	Crack Multiple	3672	S 3
195.9	DAE	Deposits Attached Encrustation	3736	M 2
/198.8	DAE	Deposits Attached Encrustation	3789	M 2
//198.8	LR	Line Right	3815	M 1
/// 204.8	RFJ	Roots Fine Joint	3880	M 1
//204.8	LL	Line Left	3907	M 1
//208.0	RFJ	Roots Fine Joint	3948	M 1
//214.3	CS	Crack Spiral	4032	S 2
//217.1	RFJ	Roots Fine Joint	4077	M 1
//223.1	MMC	Miscellaneous Material Change	4144	NA
//224.1	TFC	Tap Factory Capped	4174	NA
226.1	MMC	Miscellaneous Material Change	4227	NA
228.6	ТВ	Tap Break-in/Hammer	4286	NA
229.1	RFJ	Roots Fine Joint	4338	M 1
229.1	DAE	Deposits Attached Encrustation	4369	M 2
232.2	RFJ	Roots Fine Joint	4415	M 1
/// 238.3	RFJ	Roots Fine Joint	4461	M 1
241.3	MMC	Miscellaneous Material Change	4519	NA
242.2	TFC	Tap Factory Capped	4550	NA
244.3	RFJ	Roots Fine Joint	4608	M 1
244.3	CM	Crack Multiple	4645	S 3
245.3	TF	Tap Factory	4672	NA
247.4	MMC	Miscellaneous Material Change	4724	NA NA
250.3	DAE	Deposits Attached Encrustation	4771	M 2
253.5	RFJ	Roots Fine Joint	4825	M 1
253.5	RFJ	Roots Fine Joint	4844	M 1
256.5	RFJ	Roots Fine Joint	4889	M 1
259.3	DAE	Deposits Attached Encrustation	4944	M 2
259.5	DAE	Deposits Attached Encrustation	4999	M 2
		Crack Multiple	5061	S 3
	(1)/1			33
267.2	CM	·		
	DAE BSV	Deposits Attached Encrustation Broken Soil Visible	5093 5183	M 2

M-\$04-126.1



Code: AMH
Description: Manhole

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

Clock To:

1st Value:

2nd Value:

Value Percent:

Continuous Index:

Within 8" of Joint: NO

Remarks: M-504-126



Code: MWL

Description: Miscellaneous Water Level

5.000

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



Code: **DSF**

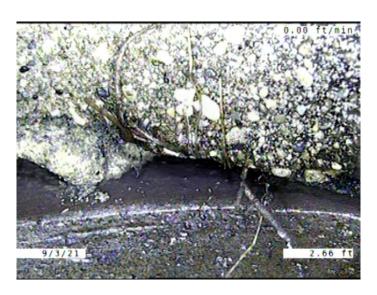
Description: **Deposits Settled Fine**

Distance (ft): .0 Structural Grade: 0 2 O&M Grade: Clock Start/From: 5 Clock To: 7

1st Value: 2nd Value:

Value Percent: 5.000 Continuous Index: **S01** Within 8" of Joint: YES

Remarks:



RFJ Code:

Description: **Roots Fine Joint**

Distance (ft): 2.7 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 3 Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:

Remarks:

YES



Code: SMW

Description: Surface Damage Missing Wall

Distance (ft): 2.7
Structural Grade: 5

O&M Grade: 0

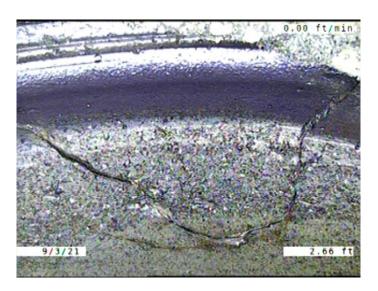
Clock Start/From: 10

Clock To: 2

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

Within 8" of Joint: YES

Remarks: INSIDE OF THE JOINT



Code: B

Description: Broken

Distance (ft): 2.7
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 1

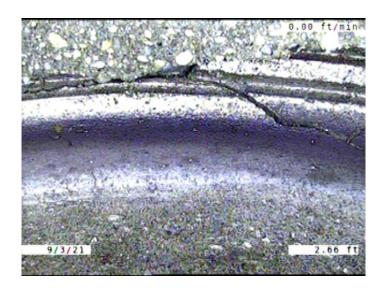
Clock To: 3

1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: OUTSIDE OF THE JOINT



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 2.7
Structural Grade: 0

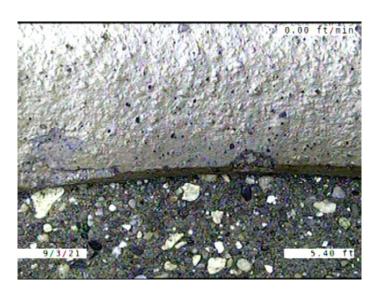
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: CONCRETE TO VCP



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 5.4
Structural Grade: 0

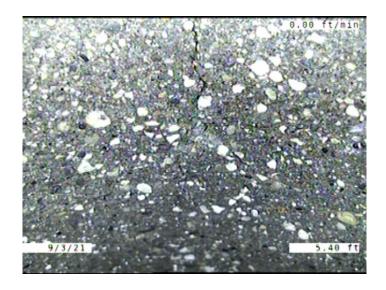
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: VCP TO CONCRETE



Code: FΜ

Description: **Fracture Multiple**

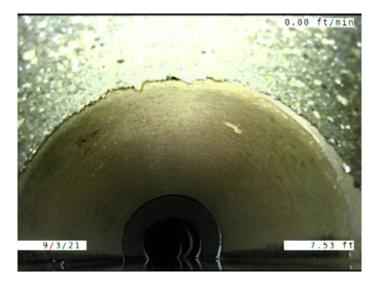
Distance (ft): 5.4 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 9 Clock To: 3

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

Within 8" of Joint:

Remarks:

YES



Code: **MWLS**

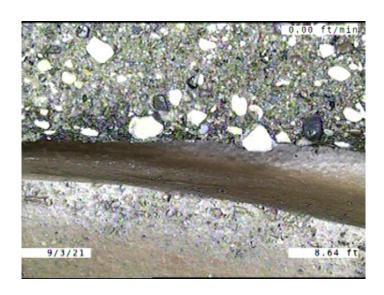
Description: **Miscellaneous Water Level Sag**

7.5 Distance (ft): Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 15.000 Continuous Index: **S02** Within 8" of Joint: NO



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 8.6
Structural Grade: 0

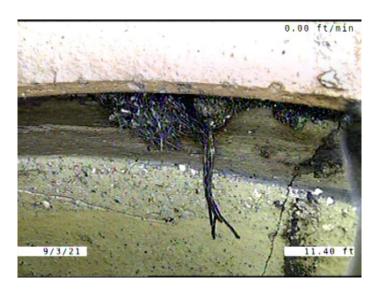
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: CONCRETE TO VCP

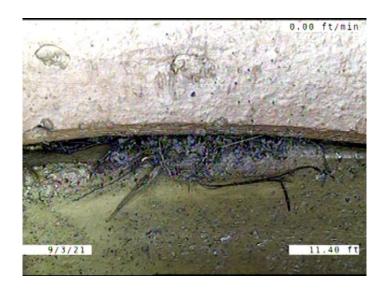


Code: RFJ

Description: Roots Fine Joint

Distance (ft): 11.4
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 2
Clock To: 3
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: YES



Code: RFJ
Description: Roots Fine Joint

Distance (ft): 11.4
Structural Grade: 0

O&M Grade: 1

Clock Start/From: 9

Clock To: 10

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

Within 8" of Joint:

Remarks:



Code: CL

Description: Crack Longitudinal

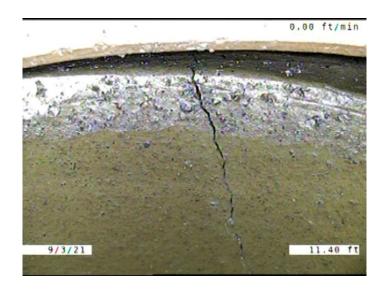
YES

Distance (ft): 11.4
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 3
Clock To:
1st Value:
2nd Value:
Value Percent:

Within 8" of Joint: YES

Remarks:

Continuous Index:



Code: CL

Description: Crack Longitudinal

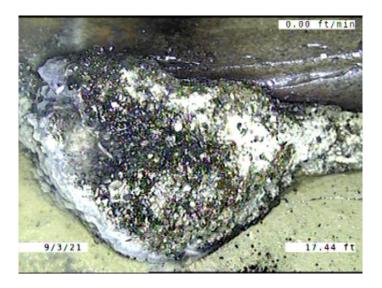
Distance (ft): 11.4
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 12

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

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 17.4
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 4

Clock To: 5

1st Value:

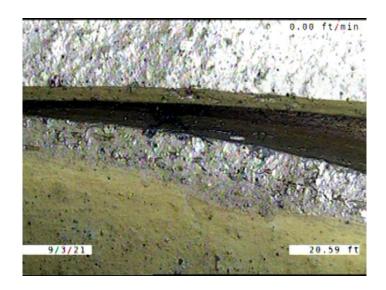
Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:

2nd Value:



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 20.6
Structural Grade: 0

O&M Grade: 1

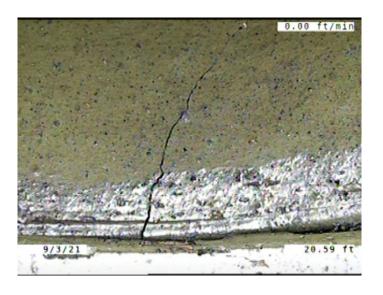
Clock Start/From: 2

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

Within 8" of Joint:

Remarks:

YES



Code: CM

Description: Crack Multiple

Distance (ft):

Structural Grade:

O&M Grade:

Clock Start/From:

Clock To:

1st Value:

2nd Value:

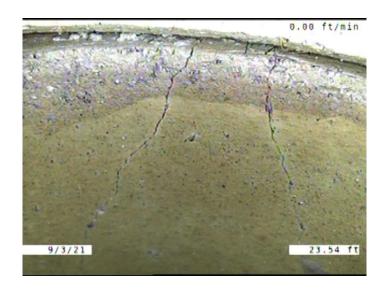
Value Percent:

Continuous Index:

Remarks:

Within 8" of Joint:

YES



Code: CM

Description: Crack Multiple

Distance (ft): 23.5
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 9
Clock To: 1

1st Value: 2nd Value: Value Percent:

Continuous Index: **S03**Within 8" of Joint: **YES**

Remarks:



Code: MWLS

Description: Miscellaneous Water Level Sag

Distance (ft): 29.6
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 15.000
Continuous Index: F02
Within 8" of Joint: NO



Code: MWLS

Description: Miscellaneous Water Level Sag

Distance (ft): 32.3
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

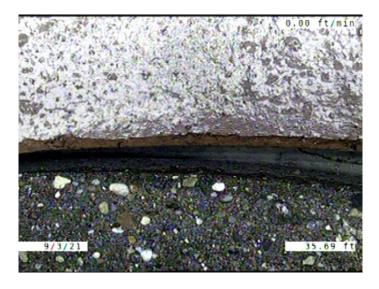
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 35.7
Structural Grade: 0

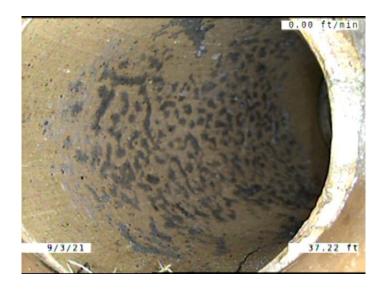
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: VCP TO CONCRETE



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 37.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 1

Clock To:

 1st Value:
 6.000

 2nd Value:
 1.000

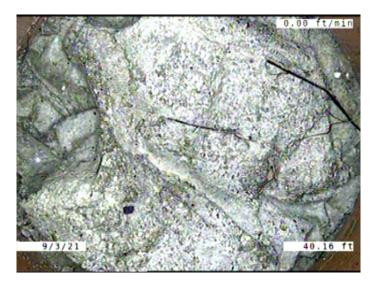
Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 40.2
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 11

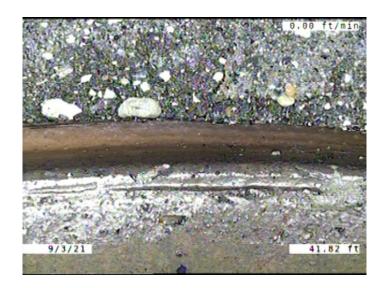
Clock To:

1st Value: **6.000** 2nd Value: **1.000**

Value Percent: Continuous Index:

Within 8" of Joint: NO

Remarks: LOOKS TO BE PLUGGED OFF



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 41.8
Structural Grade: 0

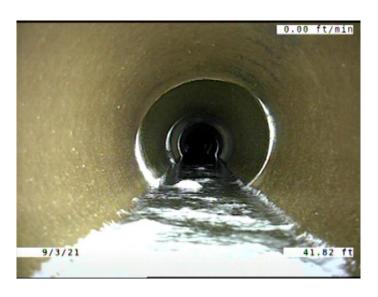
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: CONCRETE TO VCP



Code: CM

Description: Crack Multiple

Distance (ft): 41.8
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 9
Clock To: 1
1st Value:
2nd Value:
Value Percent:

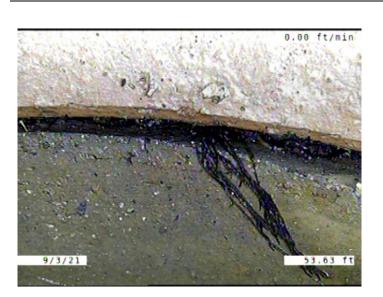
Continuous Index: F03
Within 8" of Joint: YES



Code: RFJ
Description: Roots Fine Joint

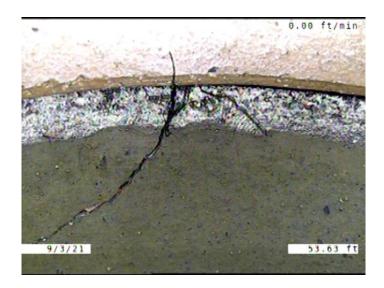
Distance (ft): 47.7 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 8 Clock To: 9 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES

Remarks:



Code: RFJ
Description: Roots Fine Joint

Distance (ft): 53.6 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 1 Clock To: 3 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES Remarks:



Code: CM

Description: Crack Multiple

Distance (ft): 53.6
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 8
Clock To: 11

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

Within 8" of Joint: YES

Remarks:



Code: RMJ

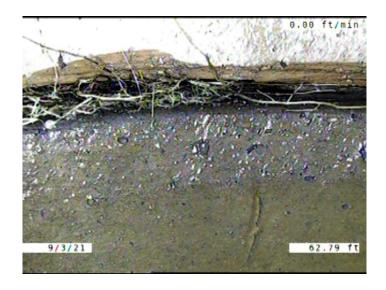
Description: Roots Medium Joint

Distance (ft): 59.8
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 9
Clock To: 4
1st Value:
2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES



Code: RFJ
Description: Roots Fine Joint

Distance (ft): 62.8 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 9 Clock To: 3 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES

Remarks:

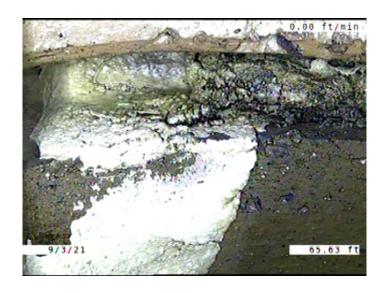
Remarks:



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 65.6 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 10 Clock To: 11 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 65.6 Structural Grade: 0 2 O&M Grade: Clock Start/From: 9 Clock To: 11

1st Value: 2nd Value:

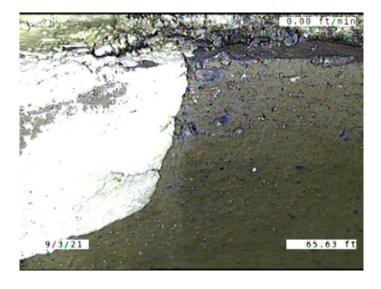
5.000 Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

YES



CL Code:

Description: **Crack Longitudinal**

Distance (ft): 65.6 Structural Grade: 2 O&M Grade: 0 Clock Start/From: 9 Clock To: 1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: CM Description: **Crack Multiple**

Distance (ft): 68.6 Structural Grade: 3 0 O&M Grade: Clock Start/From: 10 Clock To: 2 1st Value: 2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



RFJ Code:

Description: **Roots Fine Joint**

Distance (ft): 71.8 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 9 Clock To: 10 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 71.8
Structural Grade: 0

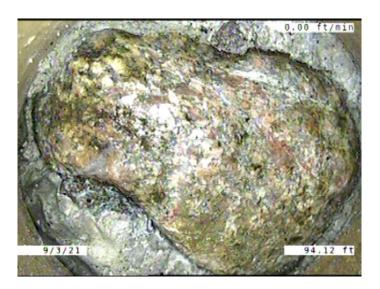
O&M Grade: 0

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): 94.1
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: ROCK BLOCKING THE TAP



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 97.1
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 2

Clock To:

 1st Value:
 6.000

 2nd Value:
 1.000

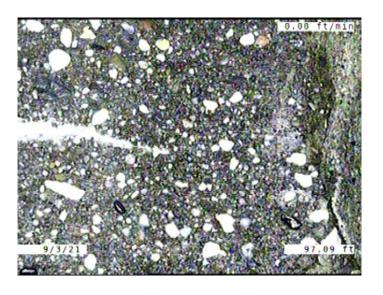
Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

NO



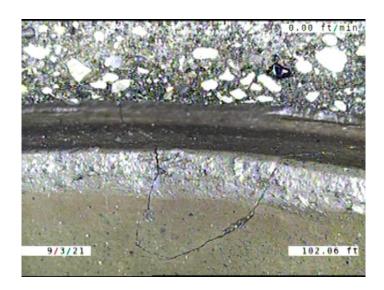
Code: FC

Description: Fracture Circumferential

Distance (ft): 97.1
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 9
Clock To: 2
1st Value:
2nd Value:
Value Percent:

Continuous Index:

Within 8" of Joint: NO



Code: CM

Description: **Crack Multiple**

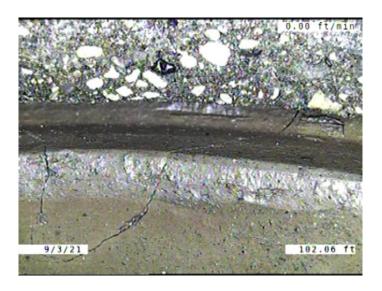
Distance (ft): 102.1 Structural Grade: 3 0 O&M Grade: Clock Start/From: 12 3

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

Within 8" of Joint:

Remarks:

YES



Code: MMC

Description: **Miscellaneous Material Change**

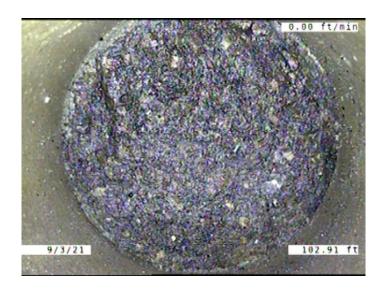
Distance (ft): 102.1 Structural Grade: 0 O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

CONCRETE TO VCP Remarks:



Code: TFC

Description: Tap Factory Capped

Distance (ft): 102.9
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 11

Clock To:

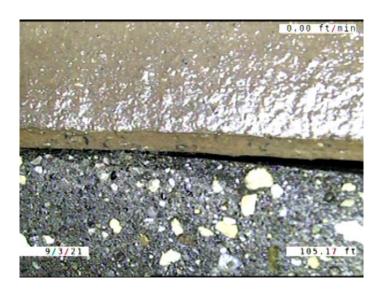
1st Value: **6.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 105.2
Structural Grade: 0

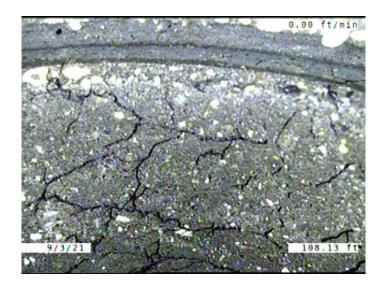
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: VCP TO CONCRETE



Code: RFJ

Description: Roots Fine Joint

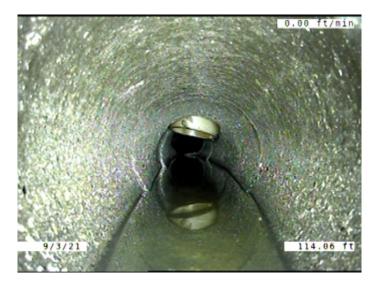
Distance (ft): 108.1
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 10
Clock To: 3

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

Within 8" of Joint:

Remarks:

YES



Code: MWLS

Description: Miscellaneous Water Level Sag

Distance (ft): 114.1
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



Code: **TBI**

Description: Tap Break-in Intruding

Distance (ft): 119.4
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 12

Clock To:

 1st Value:
 6.000

 2nd Value:
 3.000

Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: MWLS

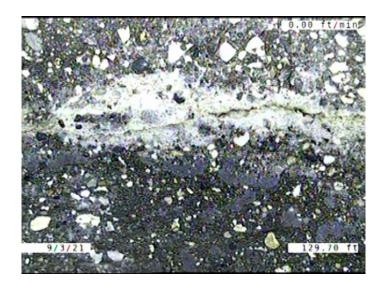
Description: Miscellaneous Water Level Sag

Distance (ft): 125.6
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



Code: CM

Description: Crack Multiple

Distance (ft): 129.7
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 12

Clock To:
1st Value:
2nd Value:
Value Percent:

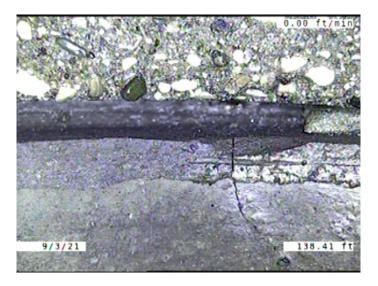
Continuous Index:

Within 8" of Joint:

Remarks:

NO

12



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 138.4
Structural Grade: 0

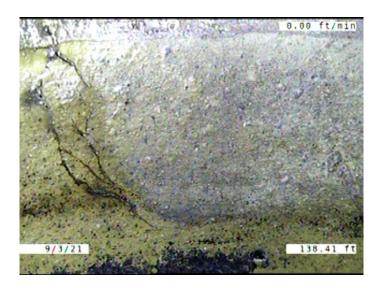
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: CONCRETE TO VCP



Code: CM

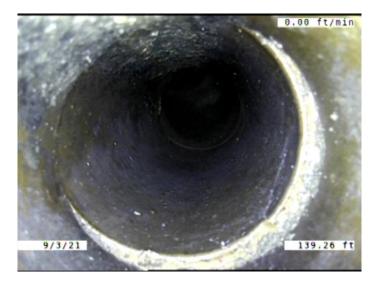
Description: Crack Multiple

Distance (ft): 138.4
Structural Grade: 3
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: **TF**

Description: Tap Factory

Distance (ft): 139.3
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 11

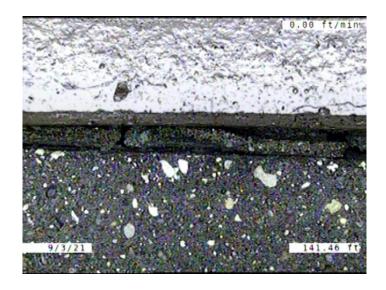
Clock To:

2nd Value:

1st Value: **6.000**

Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: MMC

Description: Miscellaneous Material Change

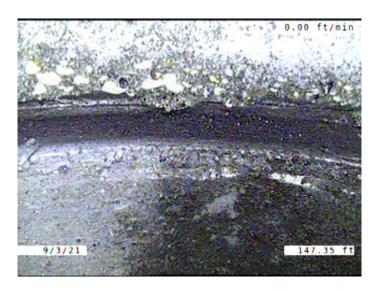
Distance (ft): 141.5
Structural Grade: 0
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: VCP TO CONCRETE



Code: MMC

Description: Miscellaneous Material Change

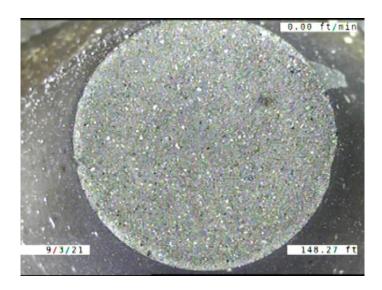
Distance (ft): 147.4
Structural Grade: 0
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: CONCRETE TO VCP



Code: TFC

Description: **Tap Factory Capped**

Distance (ft): 148.3 Structural Grade: 0 O&M Grade: 0 Clock Start/From: 1

Clock To:

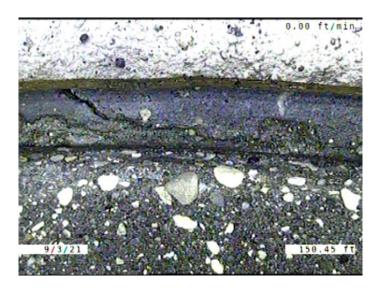
1st Value: 6.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MMC

Description: **Miscellaneous Material Change**

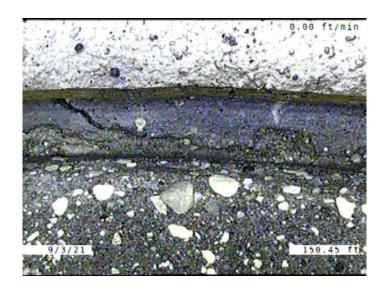
Distance (ft): 150.4 Structural Grade: 0 O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

VCP TO CONCRETE Remarks:



Code: **FM**

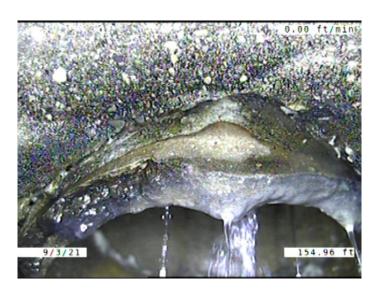
Description: Fracture Multiple

Distance (ft): 150.4
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 12
Clock To: 5

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

Within 8" of Joint: YES

Remarks: OUTSIDE OF THE BELL



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 155.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 12

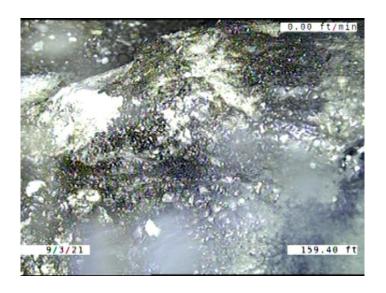
Clock To:

1st Value: **6.000** 2nd Value: **1.000**

Value Percent: Continuous Index:

Within 8" of Joint: NO

Remarks: CONSTANTLY RUNNING WATER



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 159.4 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 4 Clock To: 8

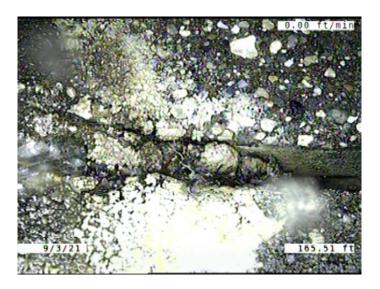
1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 165.5 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 4

Clock To: 1st Value: 2nd Value:

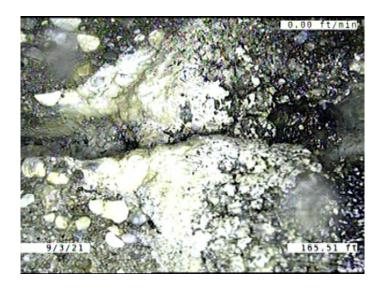
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 165.5 Structural Grade: 0 2 O&M Grade: Clock Start/From: 7 Clock To: 8

1st Value:

2nd Value: Value Percent:

5.000

YES

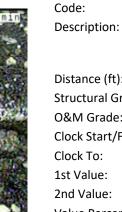
DAE

Deposits Attached Encrustation

Continuous Index:

Within 8" of Joint:

Remarks:



Distance (ft): 168.5 Structural Grade: 0 O&M Grade: 2

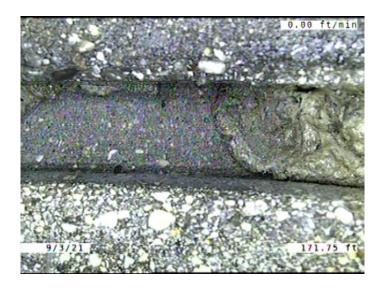
Clock Start/From: Clock To: 1st Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES





Code: JAM

Description: Joint Angular Medium

Distance (ft): 171.8 Structural Grade: 3 0 O&M Grade:

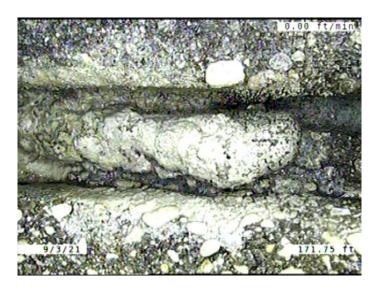
Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 171.8 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 4

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: LL
Description: Line Left

Distance (ft): 171.8
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:

Remarks:

NO



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 171.9
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 5
1st Value:

2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: Y

Remarks:

YES



Code: CM

Description: Crack Multiple

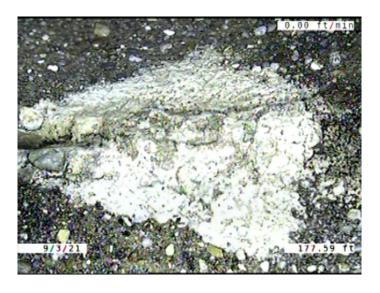
Distance (ft): 171.9
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 12
Clock To: 12

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

Within 8" of Joint: Y

Remarks:

YES



Code: DAE

Description: Deposits Attached Encrustation

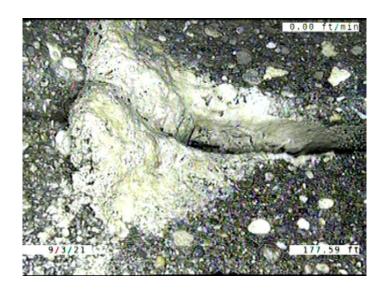
Distance (ft): 177.6
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To:

1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 177.6
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 4

Clock To: 1st Value: 2nd Value:

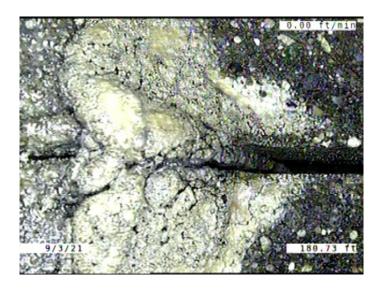
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 180.7
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 3
Clock To: 4
1st Value:

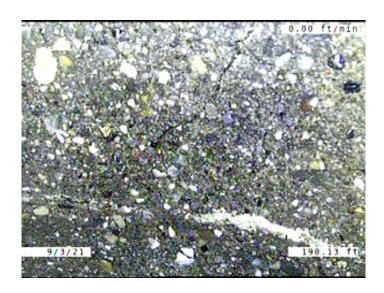
Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:

2nd Value:



Code: CM

Description: Crack Multiple

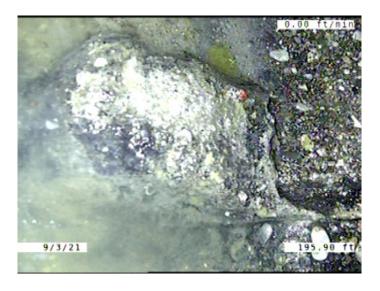
Distance (ft): 190.1
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 12
Clock To: 3

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

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: Deposits Attached Encrustation

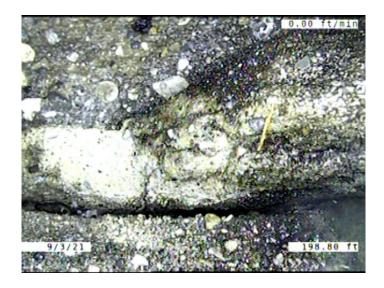
Distance (ft): 195.9
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 4
Clock To: 7
1st Value:

2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 198.8
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:

Remarks:

YES

1



Code: LR

Description: Line Right

Distance (ft): 198.8 Structural Grade: 0

Clock Start/From:

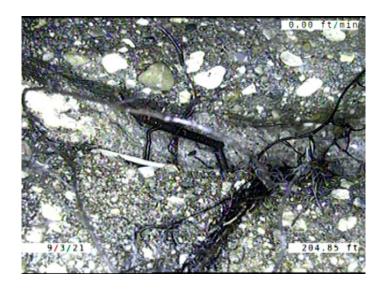
Clock To: 1st Value: 2nd Value:

O&M Grade:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: NO



Description: Roots Fine Joint

Distance (ft): 204.8
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 3
Clock To: 5

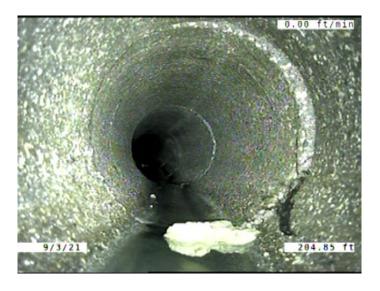
1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES

1



Code: LL

Description: Line Left

Distance (ft): 204.8 Structural Grade: 0

Clock Start/From:

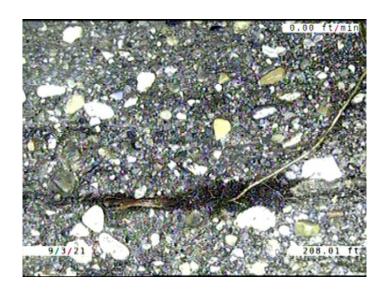
Clock To: 1st Value: 2nd Value:

O&M Grade:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: NO



Description: Roots Fine Joint

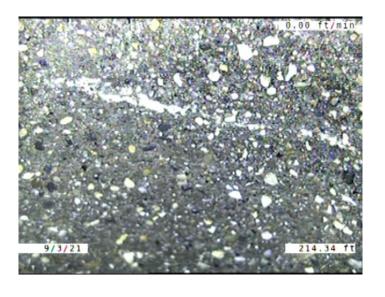
Distance (ft): 208.0
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 8

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

Within 8" of Joint:

Remarks:

YES



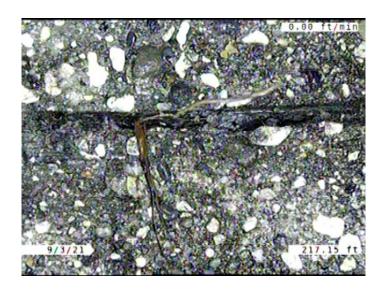
Code: CS

Description: Crack Spiral

Distance (ft): 214.3
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 12
Clock To: 12
1st Value: 2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: NO



Description: Roots Fine Joint

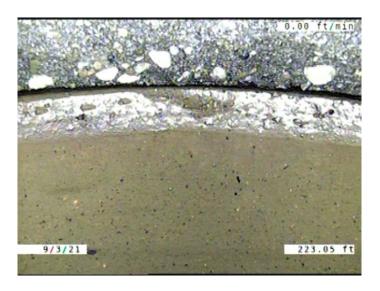
Distance (ft): 217.1
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 8
Clock To: 9

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

Within 8" of Joint:

Remarks:

YES



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 223.1
Structural Grade: 0

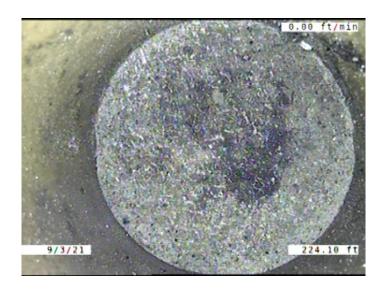
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: CONCRETE TO VCP



Code: **TFC**

Description: Tap Factory Capped

Distance (ft): 224.1
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

Clock To:

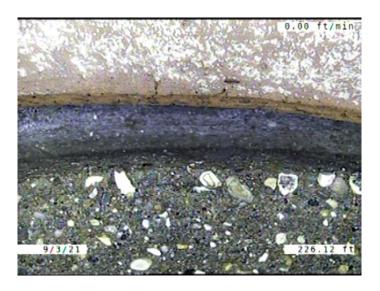
1st Value: **6.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MMC

Description: Miscellaneous Material Change

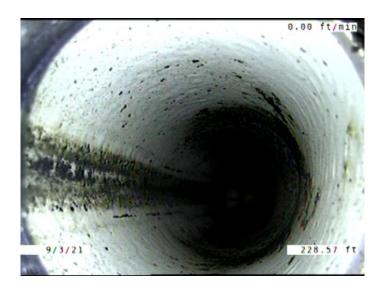
Distance (ft): 226.1
Structural Grade: 0
O&M Grade: 0

Clock Start/From:

Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: NO

Remarks: VCP TO CONCRETE



Code: **TB**

Description: Tap Break-in/Hammer

Distance (ft): 228.6
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 10

Clock To:

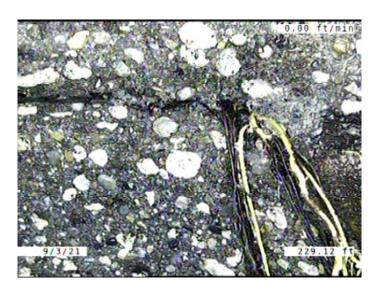
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

NO



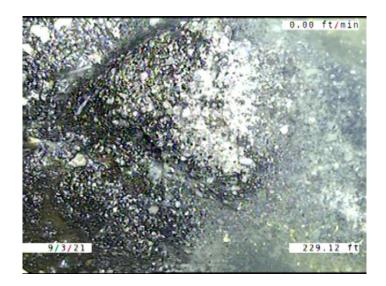
Code: RFJ

Description: Roots Fine Joint

Distance (ft): 229.1
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 3
Clock To:

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

Within 8" of Joint: YES



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 229.1 Structural Grade: 0 2 O&M Grade: Clock Start/From: 4 Clock To: 7

1st Value: 2nd Value:

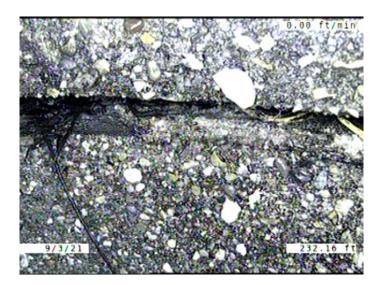
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



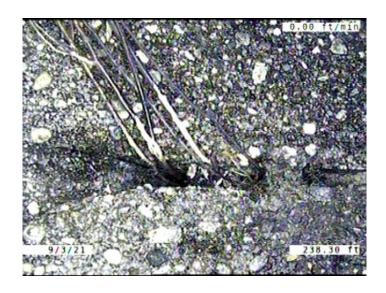
Code: RFJ

Description: **Roots Fine Joint**

Distance (ft): 232.2 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 3 Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:

Remarks:

YES



Description: Roots Fine Joint

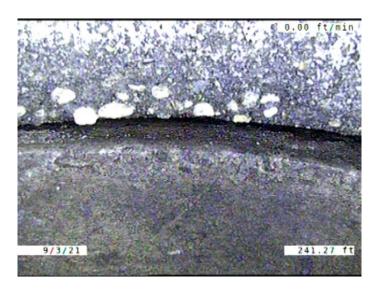
Distance (ft): 238.3
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 4

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

Within 8" of Joint:

Remarks:

YES



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 241.3
Structural Grade: 0

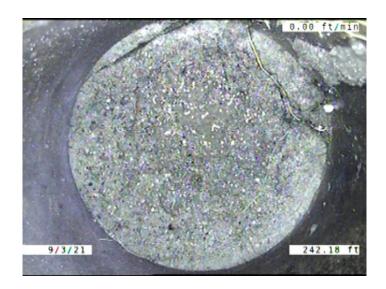
O&M Grade: 0

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): 242.2
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

Clock To:

1st Value: **6.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: ROOTS GROWING AROUND THE CAP

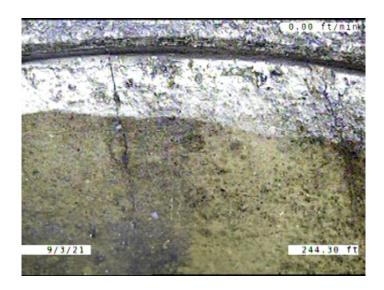


Code: RFJ

Description: Roots Fine Joint

Distance (ft): 244.3
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 8
Clock To: 4
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: YES



Code: CM

Description: Crack Multiple

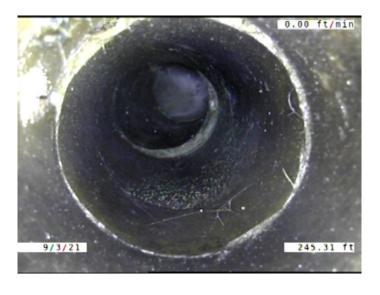
Distance (ft): 244.3
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 10
Clock To: 2

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

Within 8" of Joint:

Remarks:

YES



Code: **TF**

Description: Tap Factory

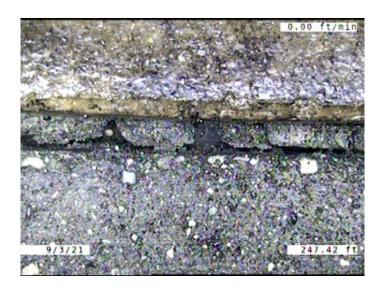
Distance (ft): 245.3
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 11

Clock To:

1st Value: **6.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 247.4
Structural Grade: 0

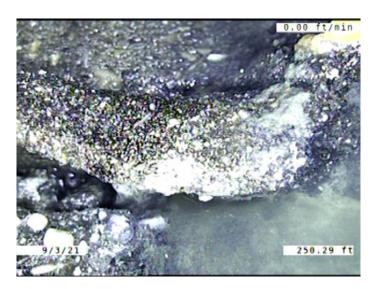
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: VCP TO CONCRETE



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 250.3
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 4
Clock To: 8
1st Value:

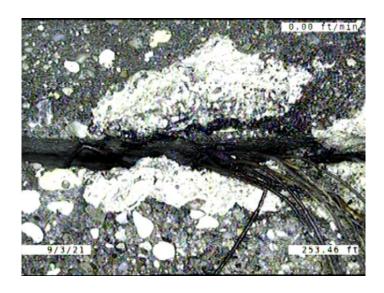
Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:

2nd Value:



Description: Roots Fine Joint

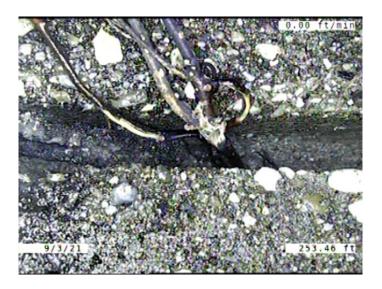
Distance (ft): 253.5
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 8
Clock To: 9

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

Within 8" of Joint:

Remarks:

YES



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 253.5
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 4
Clock To:
1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES



Description: Roots Fine Joint

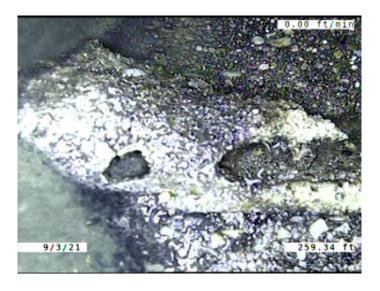
Distance (ft): 256.5
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 8
Clock To: 9

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

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 259.3
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 4
Clock To: 5
1st Value:

Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

2nd Value:

YES

5.000



Code: DAE

Description: **Deposits Attached Encrustation**

YES

NO

Distance (ft): 265.5 Structural Grade: 0 2 O&M Grade: Clock Start/From: 4 Clock To: 8

1st Value: 2nd Value:

Value Percent: 5.000

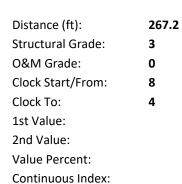
Continuous Index:

Within 8" of Joint:

Remarks:



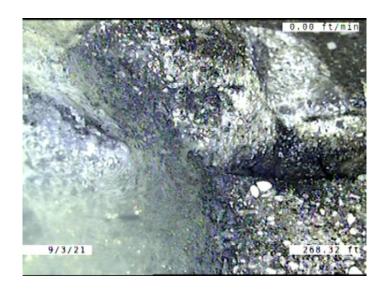
Description: **Crack Multiple**



Remarks:

Within 8" of Joint:

267.22 ft



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 268.3
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 4
Clock To: 8

1st Value: 2nd Value:

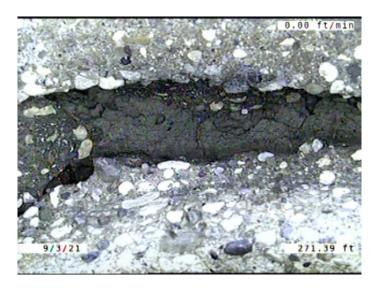
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: BSV

Description: Broken Soil Visible

Distance (ft): 271.4
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 10
Clock To: 2
1st Value: 2nd Value: Value Percent:

Within 8" of Joint: YES

Remarks:

Continuous Index:



Code: **JOMD**

Description: Joint Offset Medium Defective

Distance (ft): 271.4
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: SOIL VISIBLE



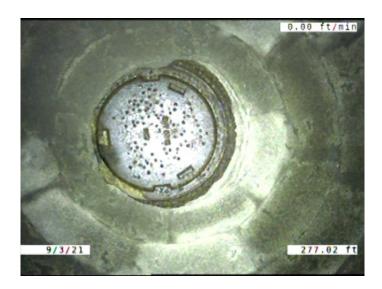
Code: **DSF**

Description: Deposits Settled Fine

Distance (ft): 277.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 5
Clock To: 7
1st Value:

2nd Value:

Value Percent: 5.000
Continuous Index: F01
Within 8" of Joint: YES



Code: AMH
Description: Manhole

Distance (ft): 277.0
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-504-126.1