## **Profile/Photo Observation Report**



Date: 10/10/2021 Weather: **PACP 7.0** Coding: Pipe Length (ft): 393.6 Owner: **City of Hobart** Pre Clean: **Heavy Cleaning** P.O.#: S. Bucklin PSR: P-704-015-014 YES502259 Surveyor:

Customer: City of Hobart Clean Date: 10/09/2021 Shape: C

Street: East Home Avenue Flow Control: Not Controlled

City: Hobart, IN Year Renewed:
Location: Local rural streets with light traffic, t Tape/Media #:

Purpose: Routine Assessment Dia/Height: 12"
Use: Sanitary Sewage Pipe Material: VCP

Drain Area: Lining:

Category: NA

Comment:

Location Details: Direction of Survey: Upstream

US MH: M-704-014 DS MH: M-704-015 Total Length Surveyed (ft): 393.6

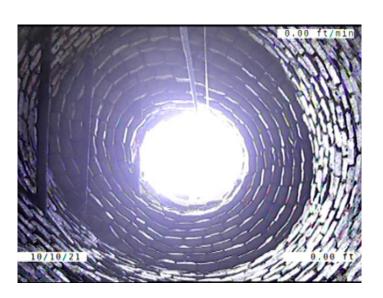
1.77 239.00 O&M Index: O&M Quick: O&M Rating: 2.58 **4A3G** 273.00 Structural Rating: Structural Index: Structural Quick: 2.12 512.00 Overall Index: Overall Quick: Overall Rating:

	Position	Code	Observation	Video (sec)	Grade
M(704	015				
	0.	AMH	Manhole	1	NA
- 11		MWL	Miscellaneous Water Level	67	NA
	<u></u>	SSS	Surface Damage Surface Spalling	107	S 2
- 111	2.1	TBI	Tap Break-in Intruding	128	M 2
- 111	5.2	DSF(S01)	Deposits Settled Fine	169	M 2
- 11	7.5	DAE	Deposits Attached Encrustation	202	M 2
-	7.5	JAM	Joint Angular Medium	246	S 3
-	8.9	MWLS(S02)	Miscellaneous Water Level Sag	272	S 2
-11	10.5	JAM	Joint Angular Medium	294	S 3
	13.7	JAM	Joint Angular Medium	349	S 3
	13.7	DAE	Deposits Attached Encrustation	370	M 2
	13.7	CM	Crack Multiple	402	S 3
	16.9	DAE	Deposits Attached Encrustation	461	M 2
2	21.4	TFC	Tap Factory Capped	497	NA
ш	24.5	TFC	Tap Factory Capped	533	NA
	49.2	TFD	Tap Factory Defective	678	M 3
<b>,</b>	¬\\\	JAM	Joint Angular Medium	730	S 3
	\\\ <u>51.1</u>	CM	Crack Multiple	744	S 3
	\\\ 55.1	SSS	Surface Damage Surface Spalling	777	S 2

	74.1	TFC	Tap Factory Capped	864	NA
/	76.2	TFC	Tap Factory Capped	904	NA
	79.1	MWLS(F02)	Miscellaneous Water Level Sag	930	S 2
<b>-</b>	86.5	JAM	Joint Angular Medium	962	S 3
<del></del>	91.4	SSS	Surface Damage Surface Spalling	1015	S 2
	91.9	ТВІ	Tap Break-in Intruding	1050	M 2
///	96.5	CL	Crack Longitudinal	1116	S 2
	96.9	TF	Tap Factory	1134	NA
<b>+</b> *//	99.1	TFC	Tap Factory Capped	1168	NA
_//	116.3	SZ	Surface Damage Other	1254	NA
+/	116.3	CM	Crack Multiple	1298	S 3
Ш	117.5	SSS	Surface Damage Surface Spalling	1331	S 2
	117.7	ТВ	Tap Break-in/Hammer	1359	NA
	124.0	TFC	Tap Factory Capped	1409	NA
	125.8	JAM	Joint Angular Medium	1465	S 3
	125.8	CM	Crack Multiple	1477	S 3
	127.0	TFD	Tap Factory Defective	1504	M 3
	131.9	JAM	Joint Angular Medium	1544	S 3
#//	/141.4	JAM	Joint Angular Medium	1597	S 3
	141.4	FM	Fracture Multiple	1622	S 4
T' /,	144.5	DAE	Deposits Attached Encrustation	1672	M 2
	145.9	TFD	Tap Factory Defective	1718	M 3
	146.5	TBI	Tap Break-in Intruding	1781	M 2
	149.0	TFD	Tap Factory Defective	1811	M 3
#//	163.1	JAM	Joint Angular Medium	1873	S 3
+	163.1	CM	Crack Multiple	1905	S 3
	166.0	JAM	Joint Angular Medium	1937	S 3
	173.5	TFD	Tap Factory Defective	2005	M 3
	175.6	TFD	Tap Factory Defective	2034	M 3
	176.6	RFJ	Roots Fine Joint	2073	M 1
T //	188.9	RFJ	Roots Fine Joint	2134	M 1
	191.1	SSS	Surface Damage Surface Spalling	2182	S 2
	191.1	ТВ	Tap Break-in/Hammer	2204	NA
7	196.4	TFC	Tap Factory Capped	2244	NA
	199.5	TFC	Tap Factory Capped	2282	NA
	199.5	CM	Crack Multiple	2327	S 3
	200.1	ТВ	Tap Break-in/Hammer	2343	NA
+/ $//$	201.2	RFJ(S03)	Roots Fine Joint	2402	M 1
	209.4	MWLS(S04)	Miscellaneous Water Level Sag	2444	S 2
$\top /\!\!/$	216.7	JAM	Joint Angular Medium	2509	S 3
7/	216.7	FM	Fracture Multiple	2525	S 4
	220.2	JAM	Joint Angular Medium	2588	S 3

<i>    </i>  22	21.4	TFC	Tap Factory Capped	2656	NA
<b>///22</b>	23.0	JAL	Joint Angular Large	2709	S 4
<b>   </b>  /22	24.8	TFC	Tap Factory Capped	2755	NA
-    /22	26.3	JAM	Joint Angular Medium	2807	S 3
<del> </del>   /22	29.3	JAM	Joint Angular Medium	2844	S 3
<del>-</del> ///24	16.3	TFC	Tap Factory Capped	2920	NA
/ 24	19.5	TFC	Tap Factory Capped	2953	NA
25	50.2	MWLS(F04)	Miscellaneous Water Level Sag	2979	S 2
25	58.2	MWLS(S05)	Miscellaneous Water Level Sag	3018	S 2
<u>   26</u>	59.7	JAM	Joint Angular Medium	3068	S 3
26	59.7	CM	Crack Multiple	3095	S 3
<u>     27</u>	2.8	JAM	Joint Angular Medium	3129	S 3
<u>        27</u>	2.8	CM	Crack Multiple	3146	S 3
_       27	7.3	TFD	Tap Factory Defective	3187	M 3
29	)5.7	TFC	Tap Factory Capped	3283	NA
<sup>_</sup> ∭29	7.3	JAM	Joint Angular Medium	3315	S 3
29	97.3	CM	Crack Multiple	3340	S 3
29	98.8	TFC	Tap Factory Capped	3371	NA
30	)2.6	В	Broken	3452	S 4
<u> </u>	)2.7	ТВІ	Tap Break-in Intruding	3467	M 2
30	9.7	JAM	Joint Angular Medium	3514	S 3
30	9.7	CM	Crack Multiple	3533	S 3
31	.3.6	TFC	Tap Factory Capped	3589	NA
31	.5.7	JAM	Joint Angular Medium	3635	S 3
31	.5.7	CM	Crack Multiple	3654	S 3
32	23.0	TFC	Tap Factory Capped	3702	NA
32	25.2	TFC	Tap Factory Capped	3747	NA
32	27.1	JAM	Joint Angular Medium	3783	S 3
1111111	27.1	CM	Crack Multiple	3800	S 3
33	30.2	JAM	Joint Angular Medium	3858	S 3
101111.	30.2	CM	Crack Multiple	3866	S 3
<u>                                     </u>	15.5	SZ	Surface Damage Other	3937	NA
111111	19.9	TFC	Tap Factory Capped	3979	NA
	52.0	TFC	Tap Factory Capped	4004	NA
/// //	53.0	JAM	Joint Angular Medium	4050	S 3
-11	53.0	CM	Crack Multiple	4060	S 3
1 1111	66.3	MWL	Miscellaneous Water Level	4107	NA
11111	59.2	JAM	Joint Angular Medium	4149	S 3
/////	59.2	CM	Crack Multiple	4167	S 3
10011	52.2	FM	Fracture Multiple	4226	S 4
1111111	55.3	JAL	Joint Angular Large	4259	S 4
-'	55.3	CM	Crack Multiple	4280	S 3

374	4.6	CM	Crack Multiple	4372	S 3
374	4.6	JAL	Joint Angular Large	4389	S 4
383	3.1	DAE	Deposits Attached Encrustation	4454	M 2
383	3.1	CM	Crack Multiple	4488	S 3
383	3.1	DAE	Deposits Attached Encrustation	4501	M 2
385	5.1	FM	Fracture Multiple	4559	S 4
389	9.4	JAL	Joint Angular Large	4635	S 4
389	9.4	FM	Fracture Multiple	4679	S 4
389	9.4	LR	Line Right	4716	M 4
390	0.8	DSF(F01)	Deposits Settled Fine	4752	M 2
390	0.8	RFJ(F03)	Roots Fine Joint	4761	M 1
390	0.8	MWLS(F05)	Miscellaneous Water Level Sag	4768	S 2
393	3.6	AMH	Manhole	4889	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-704-015



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:

Remarks:

NO



Code: SSS

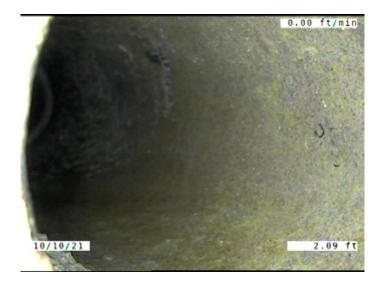
Description: Surface Damage Surface Spalling

Distance (ft): 1.5
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 10
Clock To: 12
1st Value:
2nd Value:
Value Percent:

Within 8" of Joint: NO

Remarks:

Continuous Index:



Code: **TBI** 

Description: Tap Break-in Intruding

Distance (ft): 2.1
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 11

Clock To:

 1st Value:
 4.000

 2nd Value:
 3.000

Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **DSF** 

Description: Deposits Settled Fine

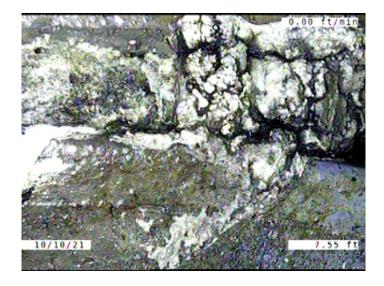
Distance (ft): 5.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 5
Clock To: 7
1st Value:

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

Remarks:

2nd Value:

iii 8 Oi Joiiit.



Code: DAE

Description: **Deposits Attached Encrustation** 

Distance (ft): 7.5 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 8 Clock To: 9

1st Value: 2nd Value:

Value Percent:

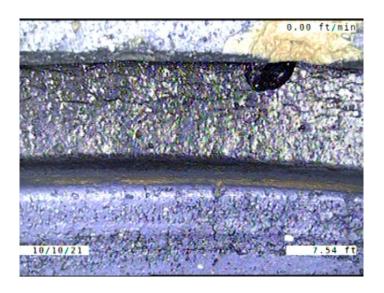
Continuous Index:

Within 8" of Joint:

Remarks:

5.000

YES



JAM Code:

Description: Joint Angular Medium

Distance (ft): 7.5 Structural Grade: 3 O&M Grade: 0

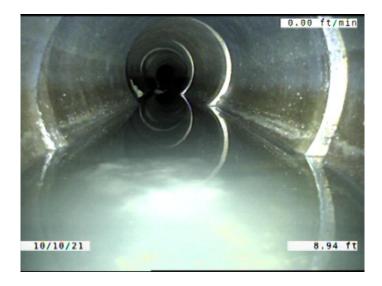
Clock Start/From:

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

Within 8" of Joint: NO

Remarks:

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Code: MWLS

Description: Miscellaneous Water Level Sag

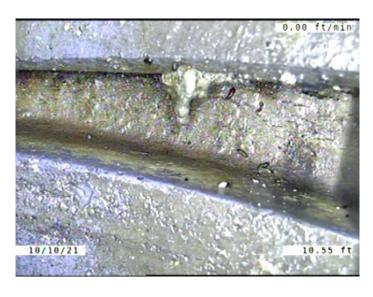
Distance (ft): 8.9
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000
Continuous Index: S02
Within 8" of Joint: NO

Remarks:



Code: JAM

Description: Joint Angular Medium

Distance (ft): 10.5
Structural Grade: 3
O&M Grade: 0

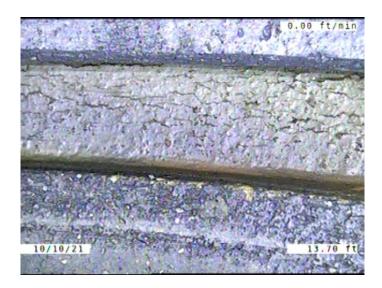
Clock Start/From:

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

Within 8" of Joint: NO

Remarks:

rks:



Code: JAM

Description: Joint Angular Medium

Distance (ft): 13.7 Structural Grade: 3 0 O&M Grade:

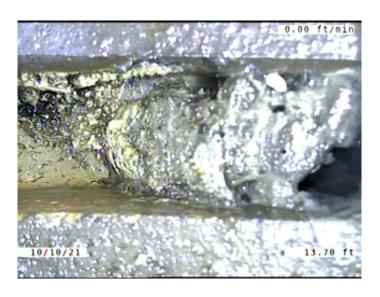
Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: DAE

Description: **Deposits Attached Encrustation** 

Distance (ft): 13.7 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 3 Clock To: 4 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES

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Code: CM

Description: Crack Multiple

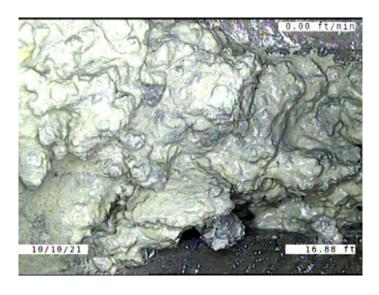
Distance (ft): 13.7
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 10
Clock To: 3

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

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 16.9
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 7
Clock To: 10
1st Value:

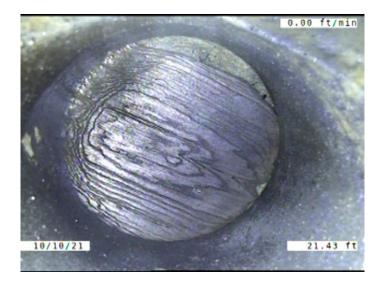
2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: TFC

Description: Tap Factory Capped

Distance (ft): 21.4
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 11

Clock To:

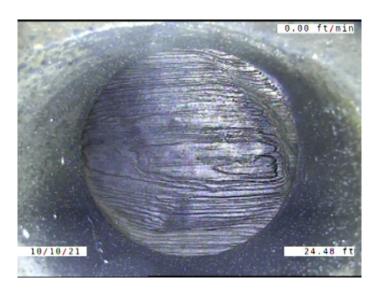
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CAP LOOKS TO BE WOOD AND

**ROTTING AWAY** 



Code: TFC

Description: Tap Factory Capped

Distance (ft): 24.5
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:

ırks:



Code: **TFD** 

Description: Tap Factory Defective

Distance (ft): 49.2
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 11

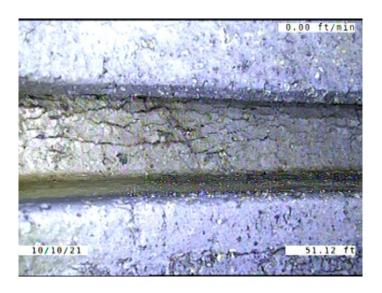
Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CAP MISSING SOIL VISIBLE



Code: JAM

Description: Joint Angular Medium

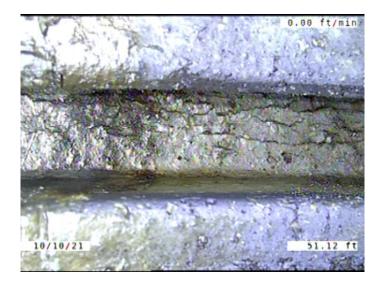
Distance (ft): 51.1
Structural Grade: 3
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks:



Code: CM

Description: Crack Multiple

Distance (ft): 51.1
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 8
Clock To: 12

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

Within 8" of Joint:

Remarks:

YES



Code: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 55.1
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 8
Clock To:
1st Value:

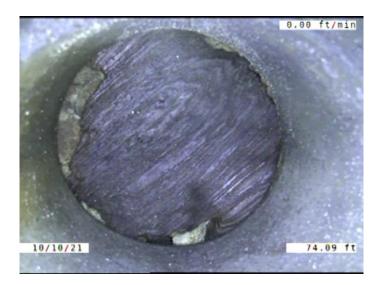
Value Percent: Continuous Index:

Within 8" of Joint: NO

Remarks:

2nd Value:

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Code: TFC

Description: **Tap Factory Capped** 

Distance (ft): 74.1 Structural Grade: 0 O&M Grade: 0 Clock Start/From: 10

Clock To:

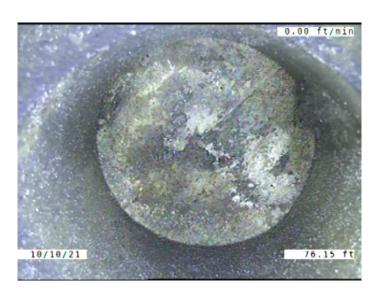
1st Value: 4.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: **CAP LOOKS TO BE WOOD AND** 

**ROTTING AWAY** 



TFC Code:

Description: **Tap Factory Capped** 

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

Clock To:

1st Value: 4.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:

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Code: MWLS

Description: Miscellaneous Water Level Sag

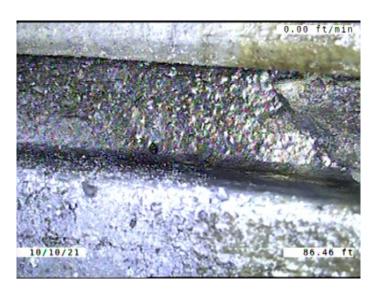
Distance (ft): 79.1
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000
Continuous Index: F02
Within 8" of Joint: NO

Remarks:



Code: JAM

Description: Joint Angular Medium

Distance (ft): 86.5
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: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 91.4
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 12
Clock To: 2

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

Within 8" of Joint:

Remarks:

NO



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 91.9
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 1

Clock To:

 1st Value:
 4.000

 2nd Value:
 3.000

Value Percent: Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: CL

Description: Crack Longitudinal

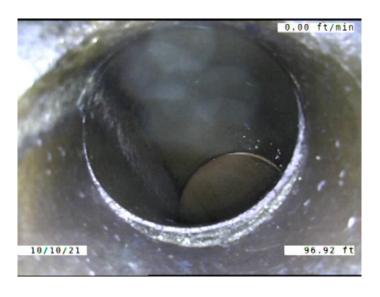
Distance (ft): 96.5
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 11

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

Within 8" of Joint:

Remarks:

YES



Code: **TF** 

Description: Tap Factory

Distance (ft): 96.9
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 10

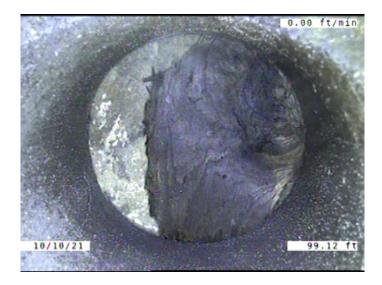
Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: TFC

Description: Tap Factory Capped

Distance (ft): 99.1
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 1

Clock To:

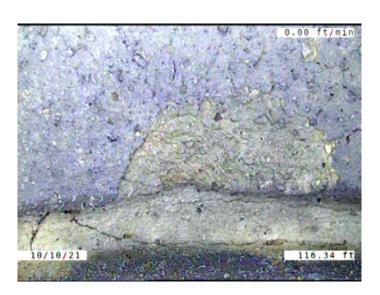
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CAP LOOKS TO BE WOOD AND

**ROTTING AWAY** 



Code: SZ

Description: Surface Damage Other

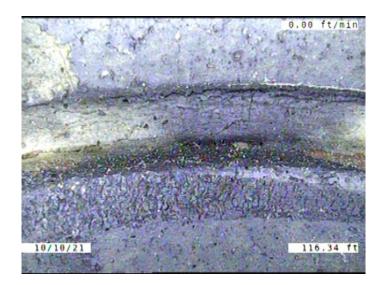
Distance (ft): 116.3
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 11

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

Within 8" of Joint: YES

Remarks: A PIECE CHIPPED AWAY FROM THE

**JOINT** 



Code: CM

Description: Crack Multiple

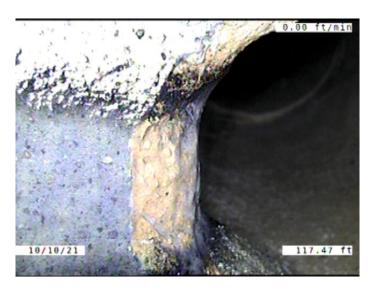
Distance (ft): 116.3
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 8

Clock To:
1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: SSS

Description: Surface Damage Surface Spalling

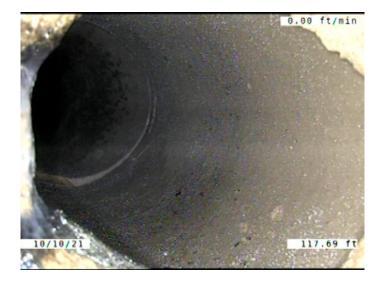
1

Distance (ft): 117.5
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 10
Clock To: 12

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

Within 8" of Joint: NO

Remarks:



Code: TB

Description: Tap Break-in/Hammer

Distance (ft): 117.7 Structural Grade: 0 O&M Grade: 0 Clock Start/From: 11

Clock To:

1st Value: 4.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



TFC Code:

Description: **Tap Factory Capped** 

Distance (ft): 124.0 Structural Grade: 0 O&M Grade: 0 Clock Start/From: 1

Clock To:

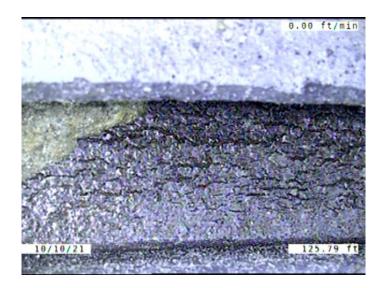
1st Value: 4.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:

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Code: JAM

Description: Joint Angular Medium

Distance (ft): 125.8
Structural Grade: 3
O&M Grade: 0

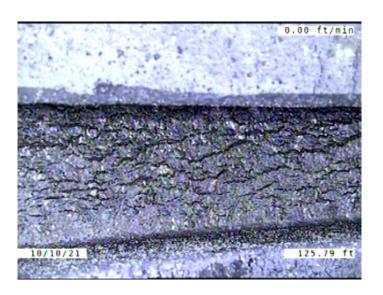
Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: CM

Description: Crack Multiple

Distance (ft): 125.8
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 8
Clock To: 1
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: **TFD** 

Description: Tap Factory Defective

Distance (ft): 127.0
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 11

Clock To:

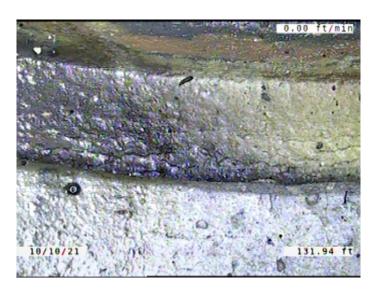
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CAP MISSING VOID AND SOIL

**VISIBLE** 



Code: JAM

Description: Joint Angular Medium

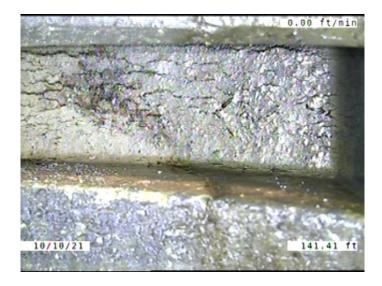
Distance (ft): 131.9
Structural Grade: 3
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks:



Code: JAM

Description: Joint Angular Medium

Distance (ft): 141.4
Structural Grade: 3
O&M Grade: 0

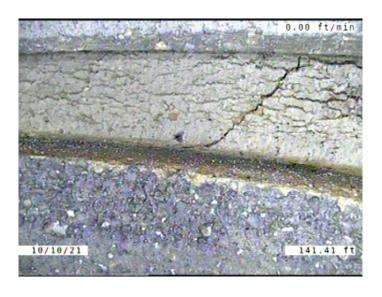
Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: FM

Description: Fracture Multiple

Distance (ft): 141.4
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 2

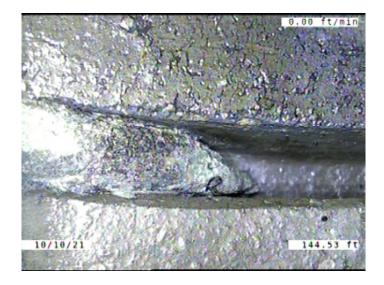
Clock To: 3

1st Value: 2

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 144.5
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 4
Clock To: 9

1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: **TFD** 

Description: Tap Factory Defective

Distance (ft): 145.9
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 11

Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CAP BROKEN. SOIL VISIBLE AND

**ROOTS GROWING** 



Code: **TBI** 

Description: Tap Break-in Intruding

Distance (ft): 146.5
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 1

Clock To:

 1st Value:
 4.000

 2nd Value:
 3.000

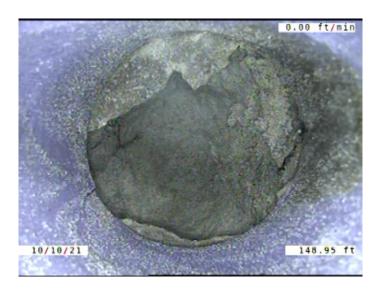
Value Percent: Continuous Index:

Within 8" of Joint:

WILLIMIT OF JOI

YES

Remarks:



Code: **TFD** 

Description: Tap Factory Defective

Distance (ft): 149.0
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 1

Clock To:

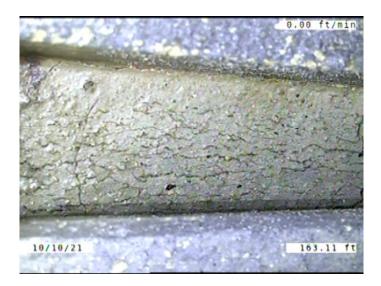
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CAP MISSING. SOIL AND VOID

**VISIBLE** 



Code: JAM

Description: Joint Angular Medium

Distance (ft): 163.1
Structural Grade: 3
O&M Grade: 0

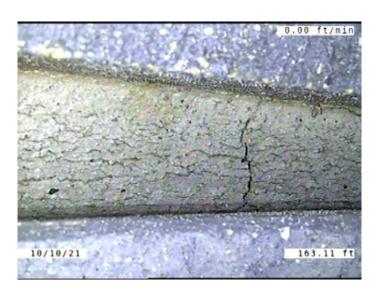
Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: CM

Description: Crack Multiple

Distance (ft): 163.1
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 11
Clock To: 4
1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: JAM

Description: Joint Angular Medium

Distance (ft): 166.0
Structural Grade: 3
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: **TFD** 

Description: Tap Factory Defective

Distance (ft): 173.5
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 10

Clock To:

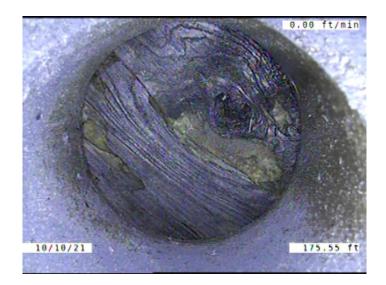
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CAP LOOKS TO BE WOOD AND

**ROTTING AWAY** 



Code: **TFD** 

Description: **Tap Factory Defective** 

Distance (ft): 175.6 Structural Grade: 0 O&M Grade: 3 Clock Start/From: 1

Clock To:

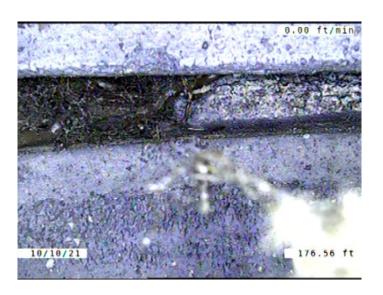
1st Value: 4.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: **CAP LOOKS TO BE WOOD AND** 

**ROTTING AWAY** 



RFJ Code:

Description: **Roots Fine Joint** 

Distance (ft): 176.6 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 11 Clock To: 12 1st Value: 2nd Value:

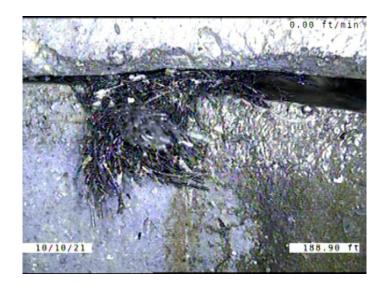
Within 8" of Joint:

Remarks:

Value Percent: Continuous Index:

YES

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Code: RFJ

Description: Roots Fine Joint

Distance (ft): 188.9
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 2

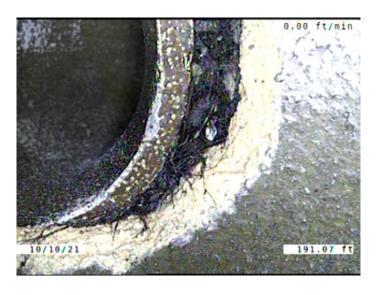
Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES

3



Code: SSS

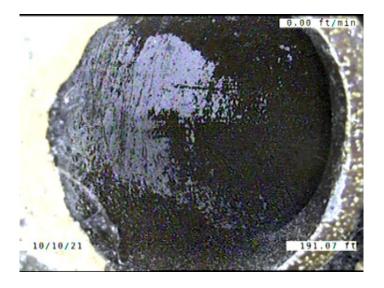
Description: Surface Damage Surface Spalling

Distance (ft): 191.1
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 11
Clock To: 1
1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: TB

Description: Tap Break-in/Hammer

Distance (ft): 191.1
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 12

Clock To:

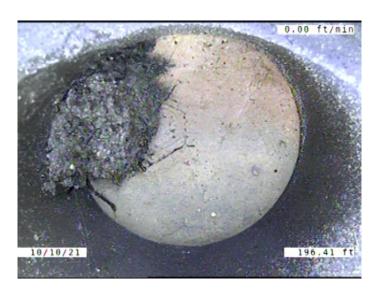
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: TFC

Description: Tap Factory Capped

Distance (ft): 196.4
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 11

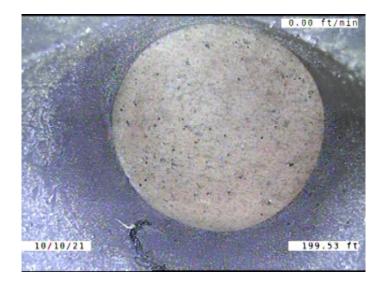
Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: ROOTS GROWING AROUND THE CAP



Code: TFC

Description: Tap Factory Capped

Distance (ft): 199.5
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

Clock To:

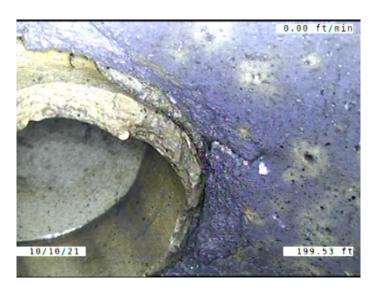
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: CM

Description: Crack Multiple

Distance (ft): 199.5
Structural Grade: 3
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: TB

Description: Tap Break-in/Hammer

Distance (ft): 200.1
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 12

Clock To:

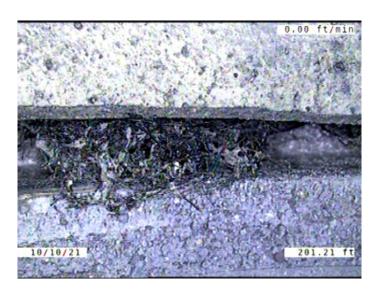
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: RFJ

Description: Roots Fine Joint

Distance (ft):

Structural Grade:

O&M Grade:

Clock Start/From:

Clock To:

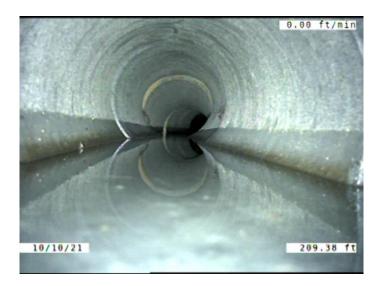
1st Value:

2nd Value:

Value Percent:

Continuous Index: S03
Within 8" of Joint: YES

Remarks:



Code: **MWLS** 

Description: **Miscellaneous Water Level Sag** 

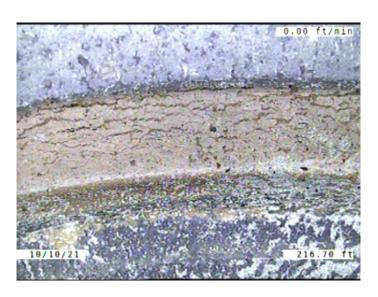
Distance (ft): 209.4 Structural Grade: 2 0 O&M Grade:

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000 Continuous Index: **S04** Within 8" of Joint: NO

Remarks:



Code: JAM

Description: Joint Angular Medium

Distance (ft): 216.7 Structural Grade: 3 O&M Grade: 0

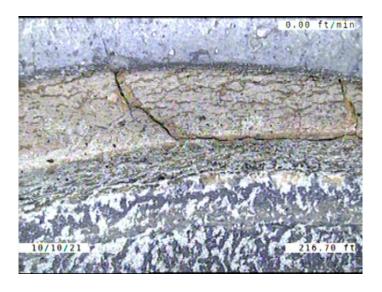
Clock Start/From:

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

Within 8" of Joint: NO

Remarks:

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Code: FM

Description: Fracture Multiple

Distance (ft): 216.7
Structural Grade: 4

O&M Grade: 0
Clock Start/From: 9

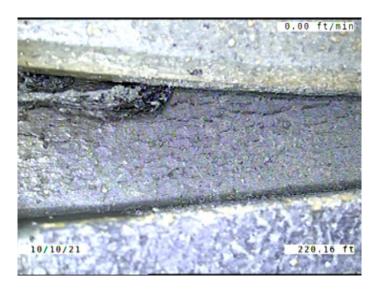
Clock To: 2

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

Within 8" of Joint:

Remarks:

YES



Code: JAM

Description: Joint Angular Medium

Distance (ft): 220.2
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: TFC

Description: Tap Factory Capped

Distance (ft): 221.4
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 11

Clock To:

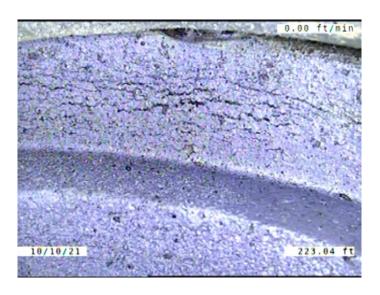
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: JAL

Description: Joint Angular Large

Distance (ft): 223.0 Structural Grade: 4

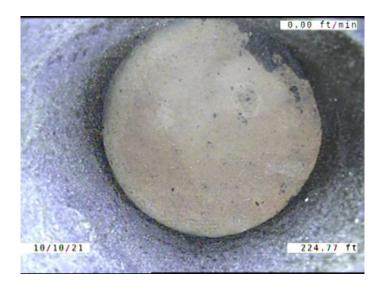
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks:



Code: TFC

Description: Tap Factory Capped

Distance (ft): 224.8
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2

Clock To:

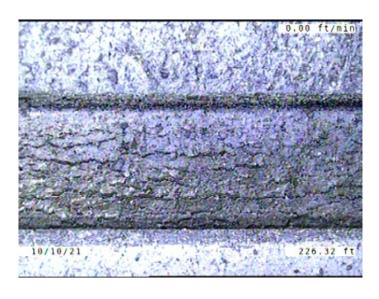
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: JAM

Description: Joint Angular Medium

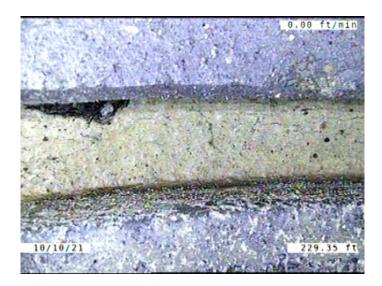
Distance (ft): 226.3
Structural Grade: 3
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks:



Code: JAM

Description: Joint Angular Medium

Distance (ft): 229.3
Structural Grade: 3
O&M Grade: 0

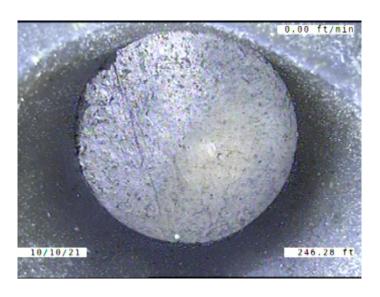
Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: **TFC** 

Description: Tap Factory Capped

Distance (ft): 246.3
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 11

Clock To:

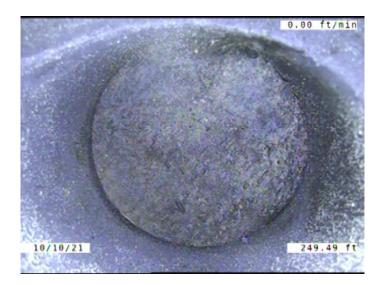
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:

ii K3.



Code: TFC

Description: Tap Factory Capped

Distance (ft): 249.5
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MWLS

Description: Miscellaneous Water Level Sag

Distance (ft): 250.2
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000
Continuous Index: F04
Within 8" of Joint: NO

Remarks:



Code: MWLS

Description: Miscellaneous Water Level Sag

Distance (ft): 258.2
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: S05
Within 8" of Joint: NO

Remarks:



Code: JAM

Description: Joint Angular Medium

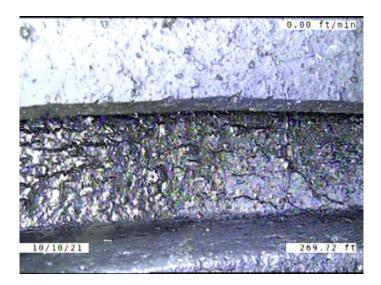
Distance (ft): 269.7
Structural Grade: 3
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks:



Code: CM

Description: Crack Multiple

Distance (ft): 269.7 Structural Grade: 3

O&M Grade: 0
Clock Start/From: 8

Clock To: 1

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

Within 8" of Joint:

Remarks:

YES



Code: JAM

Description: Joint Angular Medium

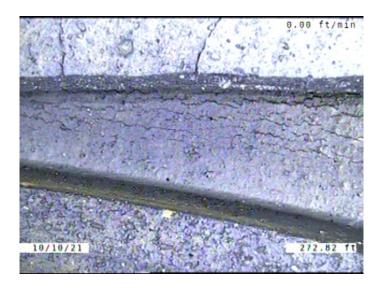
Distance (ft): 272.8
Structural Grade: 3
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks:



Code: CM

Description: Crack Multiple

Distance (ft): 272.8
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 1
Clock To: 3

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

Within 8" of Joint:

Remarks:

YES



Code: **TFD** 

Description: Tap Factory Defective

Distance (ft): 277.3
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 1

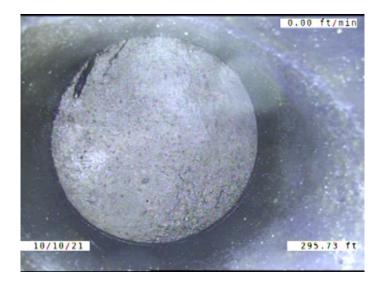
Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CAP BROKEN



Code: TFC

Description: Tap Factory Capped

Distance (ft): 295.7
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 11

Clock To:

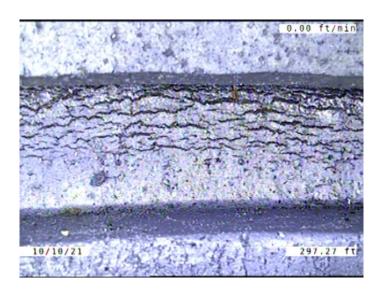
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: JAM

Description: Joint Angular Medium

Distance (ft): 297.3
Structural Grade: 3
O&M Grade: 0

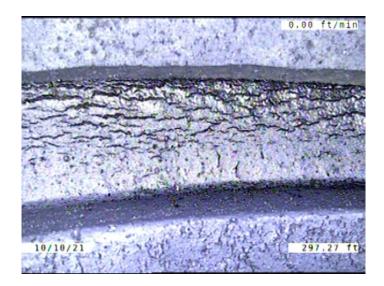
Clock Start/From:

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

Within 8" of Joint: NO

Remarks:

rks:



Code: CM

Description: **Crack Multiple** 

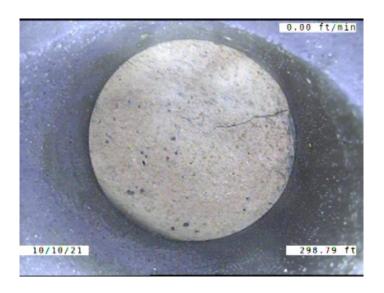
Distance (ft): 297.3 Structural Grade: 3 O&M Grade: 0 Clock Start/From: 8 Clock To: 1

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

Within 8" of Joint:

Remarks:

YES



Code: TFC

Description: **Tap Factory Capped** 

Distance (ft): 298.8 Structural Grade: 0 O&M Grade: 0 Clock Start/From: 1

Clock To:

4.000 1st Value:

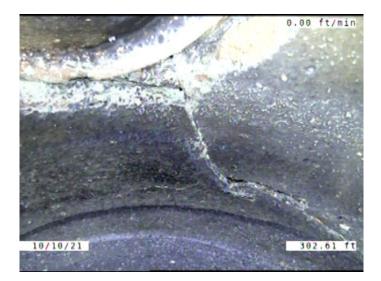
2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES

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Code: B
Description: Broken

Distance (ft): 302.6
Structural Grade: 4

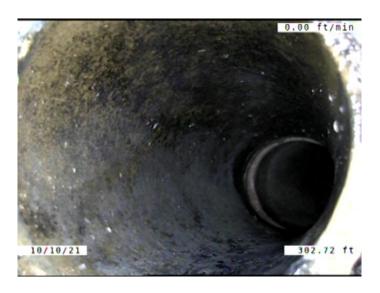
O&M Grade: 0
Clock Start/From: 10

Clock To: 2

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

Within 8" of Joint:

Remarks:



Code: TBI

Description: Tap Break-in Intruding

YES

Distance (ft): 302.7
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 1

Clock To:

 1st Value:
 4.000

 2nd Value:
 1.000

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: JAM

Description: Joint Angular Medium

Distance (ft): 309.7
Structural Grade: 3
O&M Grade: 0

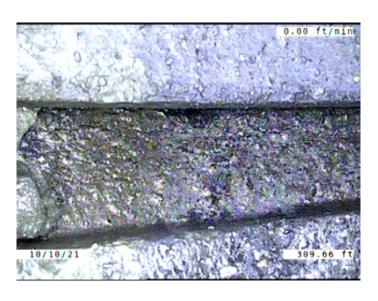
Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: CM

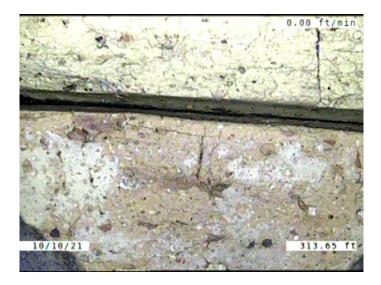
Description: Crack Multiple

Distance (ft): 309.7
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 9
Clock To: 12
1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: TFC

Description: Tap Factory Capped

Distance (ft): 313.6
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 12

Clock To:

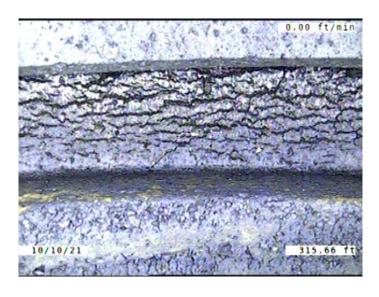
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: JAM

Description: Joint Angular Medium

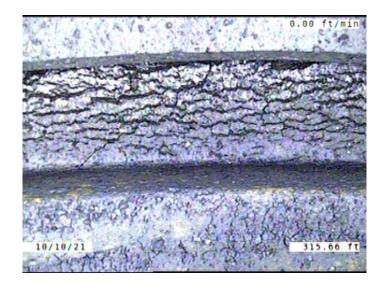
Distance (ft): 315.7
Structural Grade: 3
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks:



10/10/21

Code: CM Description: **Crack Multiple** 

Distance (ft): 315.7 Structural Grade: 3 O&M Grade: 0 Clock Start/From: 8 Clock To: 1

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

Within 8" of Joint:

Remarks:

0.00 ft/min

323.01 ft

TFC Code:

Description: **Tap Factory Capped** 

YES

Distance (ft): 323.0 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:

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Code: TFC

Description: Tap Factory Capped

Distance (ft): 325.2
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2

Clock To:

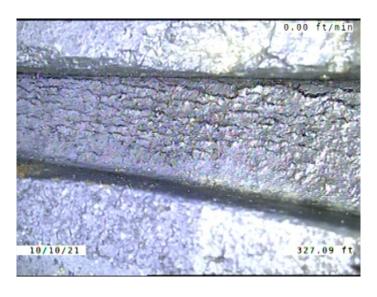
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: JAM

Description: Joint Angular Medium

Distance (ft): 327.1
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: CM

Description: Crack Multiple

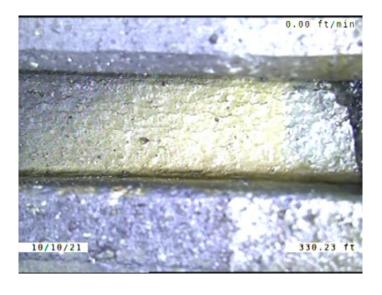
Distance (ft): 327.1
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 1
Clock To: 3

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

Within 8" of Joint:

Remarks:

YES



Code: JAM

Description: Joint Angular Medium

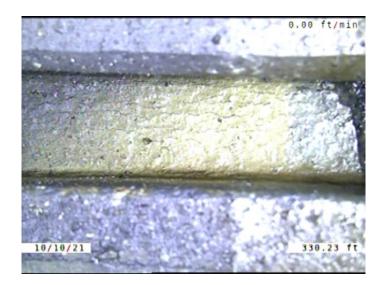
Distance (ft): 330.2
Structural Grade: 3
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks:



Code: CM

Description: Crack Multiple

Distance (ft): 330.2
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 11
Clock To: 3

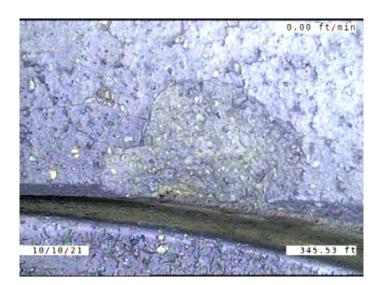
Clock To:
1st Value:
2nd Value:
Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: SZ

Description: Surface Damage Other

Distance (ft): 345.5
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2

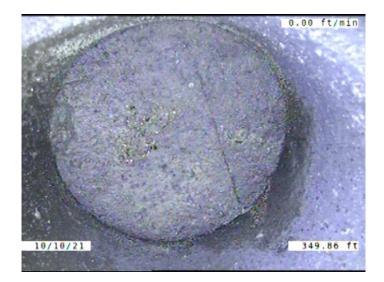
Clock Start/From: Clock To: 1st Value: 2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: A PIECE CHIPPED AWAY FROM THE

JOINT



Code: TFC

Description: Tap Factory Capped

Distance (ft): 349.9
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 11

Clock To:

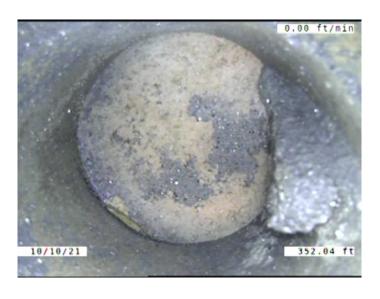
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **TFC** 

Description: Tap Factory Capped

Distance (ft): 352.0
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

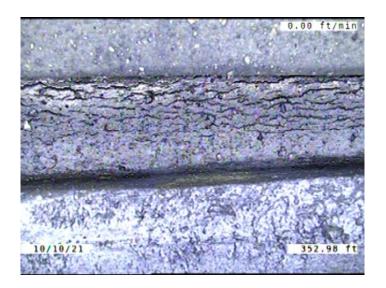
Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: JAM

Description: **Joint Angular Medium** 

Distance (ft): 353.0
Structural Grade: 3
O&M Grade: 0

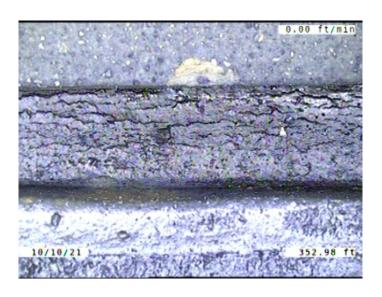
Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



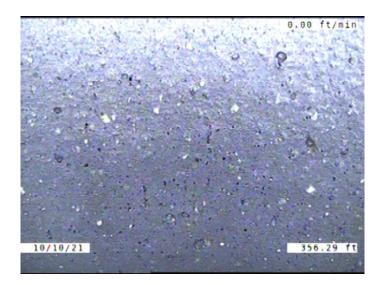
Code: CM

Description: Crack Multiple

Distance (ft): 353.0
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 9
Clock To: 3
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: MWL

Description: Miscellaneous Water Level

Distance (ft): 356.3
Structural Grade: 0

O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 35.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: JAM

Description: Joint Angular Medium

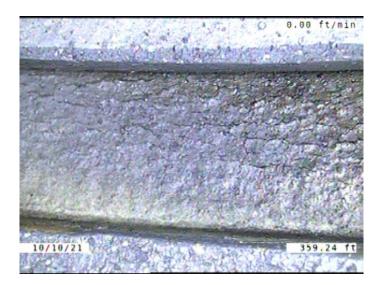
Distance (ft): 359.2
Structural Grade: 3
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks:



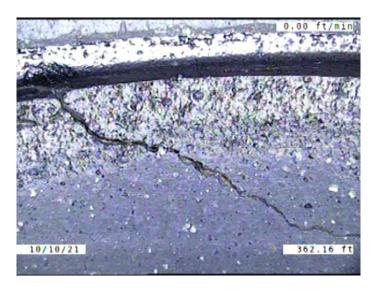
Code: CM
Description: Crack Multiple

Distance (ft): 359.2
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:



Code: FM

Description: Fracture Multiple

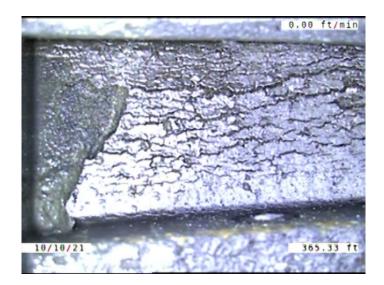
YES

Distance (ft): 362.2
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: YES

Remarks:



Code: JAL

Description: Joint Angular Large

Distance (ft): 365.3
Structural Grade: 4
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint:

Remarks:

Code:

0.00 ft/min

365.33 ft

Description: Crack Multiple

NO

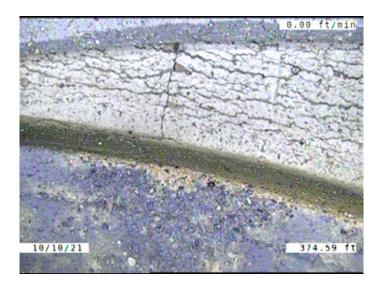
CM

Distance (ft): 365.3
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 9
Clock To: 12
1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: CM

Description: Crack Multiple

Distance (ft): **374.6**Structural Grade: **3** 

Structural Grade: 3

O&M Grade: 0

Clock Start/From: 11

Clock To: 3

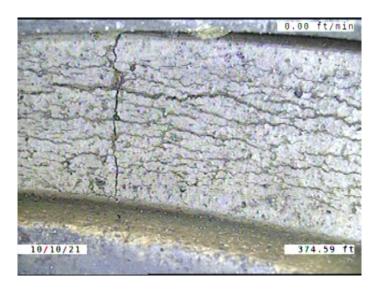
1st Value: 2nd Value: Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: JAL

Description: Joint Angular Large

Distance (ft): **374.6** 

Structural Grade: 4

O&M Grade: 0

Clock Start/From:

Clock To:

1st Value:

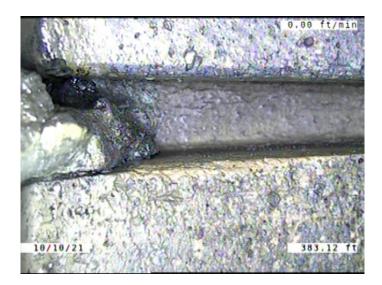
2nd Value:

Value Percent:

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 383.1
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 9

Clock To: 1st Value: 2nd Value:

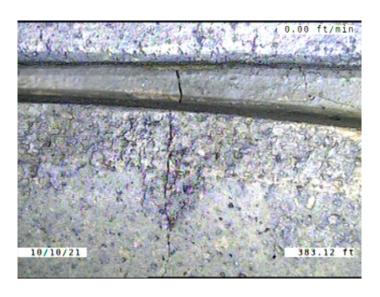
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: CM

Description: Crack Multiple

Distance (ft): 383.1

Structural Grade: 3

O&M Grade: 0

Clock Start/From: 9

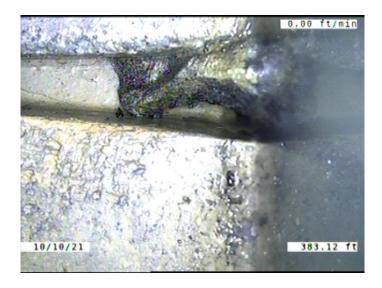
Clock To: 3

1st Value: 2nd Value: Value Percent:

Within 8" of Joint: YES

Remarks:

Continuous Index:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 383.1
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 3

Clock To: 1st Value:

Value Percent: 5.000

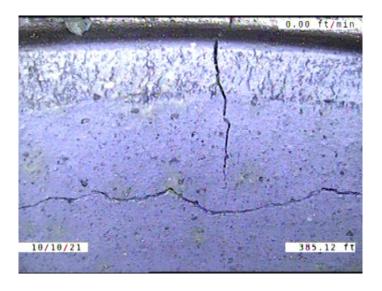
Continuous Index:

Within 8" of Joint:

YES

Remarks:

2nd Value:



Code: FM

Description: Fracture Multiple

Distance (ft): 385.1
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:

thin 8" of Joint: YES

Remarks:



Code: JAL

Description: Joint Angular Large

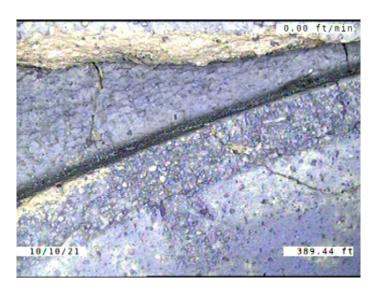
Distance (ft): 389.4
Structural Grade: 4
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: **SOIL VISIBLE** 



Code: FM

Description: Fracture Multiple

Distance (ft): 389.4
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 8
Clock To: 2
1st Value:
2nd Value:
Value Percent:

Within 8" of Joint: YES

Remarks:

Continuous Index:



Code: LR

Description: **Line Right** 

Distance (ft): 389.4 Structural Grade: 0 O&M Grade: 4

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 35.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



DSF Code:

Description: **Deposits Settled Fine** 

Distance (ft): 390.8 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 5 7 Clock To:

1st Value: 2nd Value:

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

Remarks:

60 Tuesday, April 25, 2023



Code: RFJ

Description: **Roots Fine Joint** 

Distance (ft): 390.8 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 9 3

Clock To: 1st Value: 2nd Value:

Value Percent:

Continuous Index: F03 Within 8" of Joint: YES

Remarks:



**MWLS** Code:

Description: **Miscellaneous Water Level Sag** 

Distance (ft): 390.8 Structural Grade: 2 O&M Grade: 0

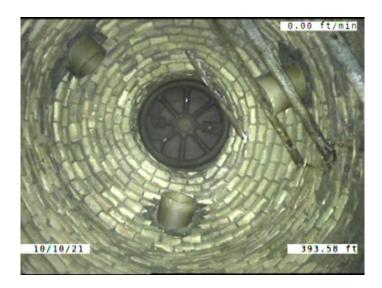
Clock Start/From:

Clock To: 1st Value: 2nd Value:

5.000 Value Percent: Continuous Index: F05 Within 8" of Joint: NO

Remarks:

61 Tuesday, April 25, 2023



Code: AMH
Description: Manhole

Distance (ft): 393.6
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-704-014