Profile/Photo Observation Report



Date: 09/20/2021 Weather: **PACP 7.0** Coding: Pipe Length (ft): 180.0 Owner: **City of Hobart** Pre Clean: **Heavy Cleaning** P.O.#: S. Bucklin PSR: P-503-023-022 YES502259 Surveyor:

Customer: City of Hobart Clean Date: 09/04/2021 Shape: C

Street: West 39th Avenue Flow Control: Not Controlled

City: Hobart, IN Year Renewed: Location: Alley Tape/Media #:

Purpose: Routine Assessment Dia/Height: 10"
Use: Sanitary Sewage Pipe Material: VCP

Drain Area: Lining: **None**

Category: NA

Comment:

Location Details: Direction of Survey: **Upstream**

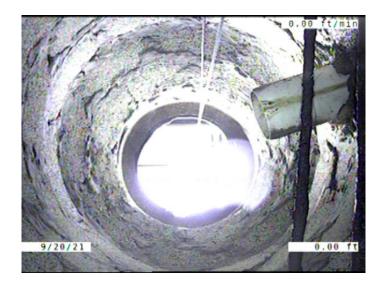
US MH: M-503-022 DS MH: M-503-023 Total Length Surveyed (ft): 145.7

2.00 4134 84.00 O&M Index: O&M Quick: O&M Rating: 2.71 4439 65.00 Structural Quick: Structural Rating: Structural Index: 2.26 149.00 Overall Quick: Overall Rating: Overall Index:

	Position	Code	Observation	Video (sec)	Grade
M(503-)	023				
	0. /	AMH	Manhole	2	NA
- 11	0.	MWL	Miscellaneous Water Level	61	NA
- 11	\\.0	DSF(S01)	Deposits Settled Fine	68	M 2
	8.9	SZ	Surface Damage Other	129	NA
- 11	11.0	SSS	Surface Damage Surface Spalling	159	S 2
- 11	11.0	CM	Crack Multiple	182	S 3
- 11	12.8	SSS	Surface Damage Surface Spalling	217	S 2
- 11	26.5	TFD	Tap Factory Defective	295	M 3
	27.1	CL	Crack Longitudinal	322	S 2
s -	27.2	SZ	Surface Damage Other	341	NA
Camera Direction	28.6	TFD	Tap Factory Defective	372	M 3
ā	37.7	SSS	Surface Damage Surface Spalling	431	S 2
le le le	45.8	В	Broken	515	S 4
Car	49.0	SSS	Surface Damage Surface Spalling	552	S 2
ш	//63.7	TFC	Tap Factory Capped	643	NA
	64.2	JOM	Joint Offset Medium	663	S 3
1	65.7	TFC	Tap Factory Capped	691	NA
	72.7	OBJ	Obstruction Wedged In The Joint	789	M 2
- 11	74.2	SSS	Surface Damage Surface Spalling	833	S 2

74.6	FM	Fracture Multiple	883	S 4
76.8	CS	Crack Spiral	0	S 2
77.8	TFD	Tap Factory Defective	2	М 3
78.0	FM	Fracture Multiple	34	S 4
84.9	SSS	Surface Damage Surface Spalling	118	S 2
85.4	ТВІ	Tap Break-in Intruding	134	M
92.1	JOM	Joint Offset Medium	176	S 3
97.7	SSS	Surface Damage Surface Spalling	232	S 2
103.8	TFC	Tap Factory Capped	276	NA
106.6	SSS	Surface Damage Surface Spalling	306	S 2
108.9	CM	Crack Multiple	349	S 3
112.3	MMC	Miscellaneous Material Change	400	NA
113.5	TF	Tap Factory	427	NA
117.0	MMC	Miscellaneous Material Change	485	NA
118.8	CM(S02)	Crack Multiple	532	S 3
118.8	RFJ	Roots Fine Joint	564	M :
123.7	SSS	Surface Damage Surface Spalling	623	S 2
125.1	RFJ	Roots Fine Joint	660	M :
127.3	В	Broken	701	S 4
127.3	RFJ	Roots Fine Joint	732	M :
// 129.3	RFJ(S03)	Roots Fine Joint	778	M :
136.4	TF	Tap Factory	842	NA
138.3	TFD	Tap Factory Defective	869	М 3
//144.3	CM(F02)	Crack Multiple	924	S 3
//144.3	RFJ(F03)	Roots Fine Joint	939	M :
//144.3	DSF(F01)	Deposits Settled Fine	947	M
145.0	RBJ	Roots Ball Joint	973	M
145.7	MSA	Miscellaneous Survey Abandoned	989	NA

M 503-022



Code: AMH Description: Manhole

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

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: M-503-023



MWL Code:

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

3 Tuesday, April 25, 2023



Code: **DSF**

Description: **Deposits Settled Fine**

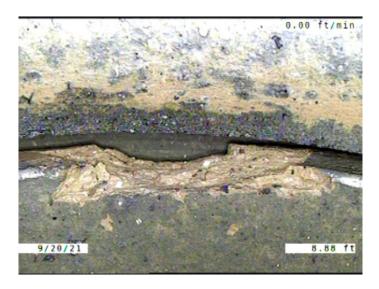
Distance (ft): .0 Structural Grade: 0 2 O&M Grade: Clock Start/From: 5 Clock To: 7

1st Value:

2nd Value:

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

Remarks:



Code: SZ

Description: **Surface Damage Other**

Distance (ft): 8.9 Structural Grade: 0 O&M Grade: 0 Clock Start/From: 12 Clock To: 1 1st Value: 2nd Value:

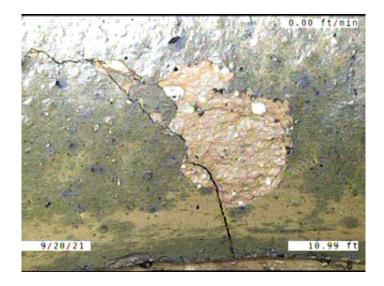
Value Percent: Continuous Index:

Within 8" of Joint: YES

A PIECE CHIPPED AWAY FROM THE Remarks:

JOINT

Tuesday, April 25, 2023 4



Code: SSS

Description: Surface Damage Surface Spalling

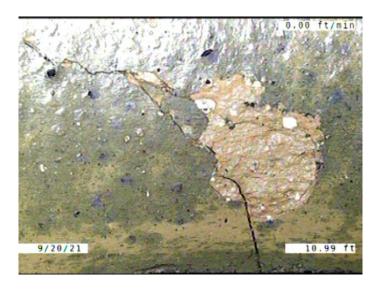
Distance (ft): 11.0
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 9

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

Within 8" of Joint:

Remarks:

YES



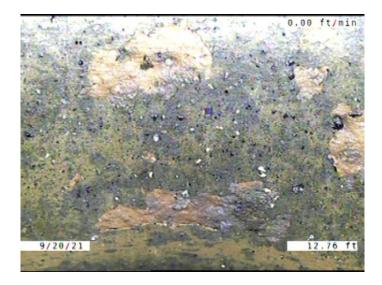
Code: CM

Description: Crack Multiple

Distance (ft): 11.0
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 8
Clock To: 9
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: SSS

Description: Surface Damage Surface Spalling

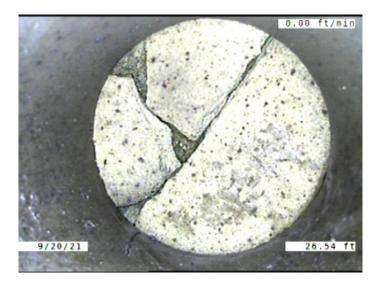
Distance (ft): 12.8
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 12
Clock To: 2

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

Within 8" of Joint:

Remarks:

YES



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 26.5
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 1

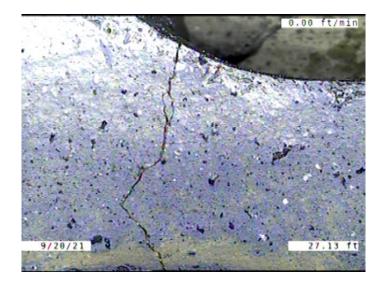
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CAP BROKEN



Code: CL

Description: Crack Longitudinal

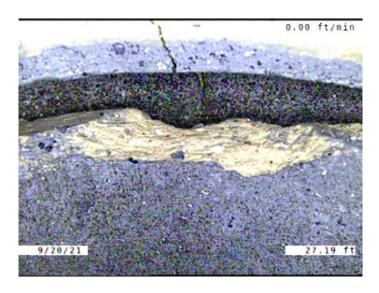
Distance (ft): 27.1
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 1

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

Within 8" of Joint:

Remarks:

YES



Code: SZ

Description: Surface Damage Other

Distance (ft): 27.2
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

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

Within 8" of Joint: YES

Remarks: A PIECE CHIPPED AWAY FROM THE

JOINT



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 28.6
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



Code: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 37.7
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 4
Clock To:
1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: B
Description: Broken

Distance (ft): 45.8
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 4

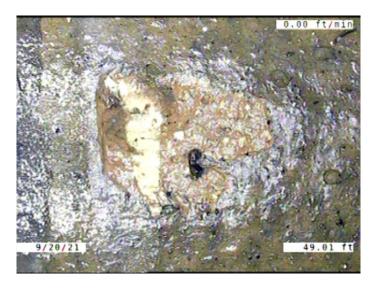
Clock To: 8

1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:

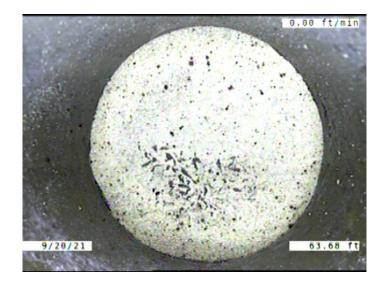


Code: SSS

Description: Surface Damage Surface Spalling

49.0 Distance (ft): Structural Grade: 2 O&M Grade: 0 Clock Start/From: 4 5 Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: NO

Remarks:



Code: TFC

Description: Tap Factory Capped

Distance (ft): 63.7
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 1

Clock To:

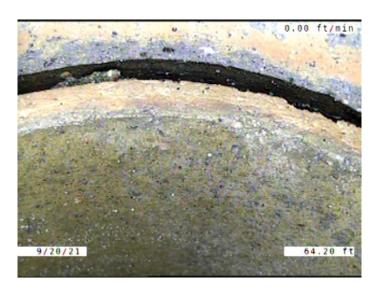
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **JOM**

Description: Joint Offset Medium

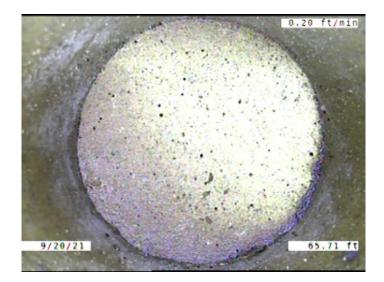
Distance (ft): 64.2
Structural Grade: 3
O&M Grade: 0

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): 65.7
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 11

Clock To:

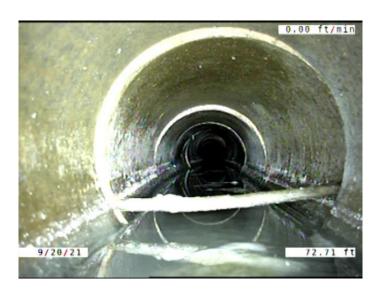
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: OBJ

Description: Obstruction Wedged In The Joint

Distance (ft): 72.7
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: STICK



Code: SSS

Description: Surface Damage Surface Spalling

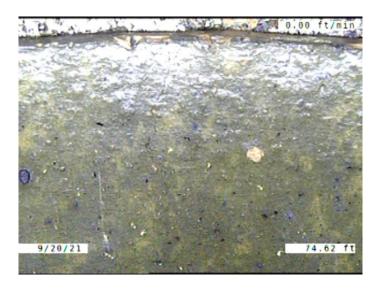
Distance (ft): 74.2
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 3
Clock To: 4

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

Within 8" of Joint:

Remarks:

YES



Code: FM

Description: Fracture Multiple

Distance (ft): 74.6
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 11

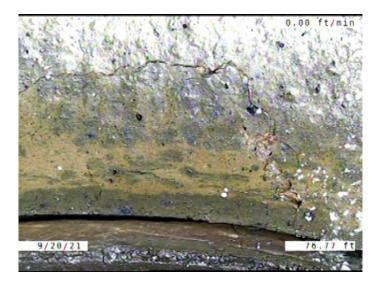
Clock To: 1

1st Value: 2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: CS

Description: Crack Spiral

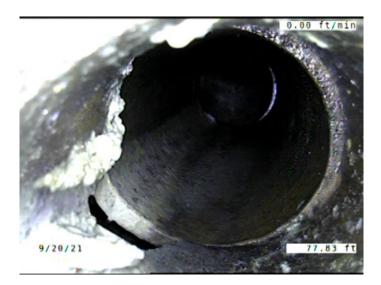
Distance (ft): 76.8
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 1
Clock To: 4

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

Within 8" of Joint:

Remarks:

YES



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 77.8
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 11

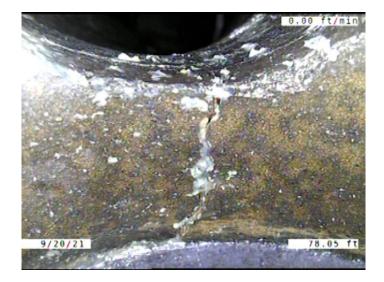
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: **SOIL VISIBLE**



Code: FM

Description: Fracture Multiple

Distance (ft): 78.0
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 10
Clock To: 11

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

Within 8" of Joint:

Remarks:

YES



Code: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 84.9
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 1
Clock To: 3
1st Value:
2nd Value:
Value Percent:

Within 8" of Joint: YES

Remarks:

Continuous Index:



Code: TBI

Description: **Tap Break-in Intruding**

Distance (ft): 85.4 Structural Grade: 0 2 O&M Grade: Clock Start/From: 1

Clock To:

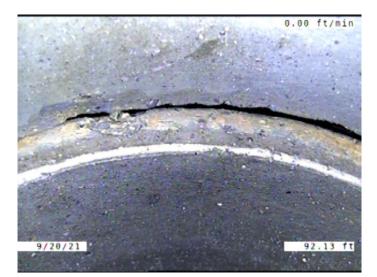
1st Value: 4.000 2nd Value: 1.000

Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:



JOM Code:

Description: **Joint Offset Medium**

YES

Distance (ft): 92.1 Structural Grade: 3 O&M Grade: 0

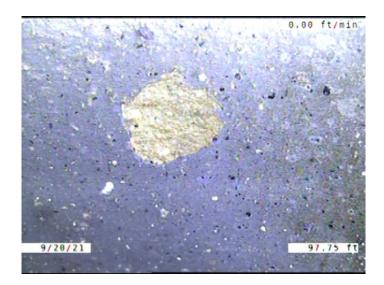
Clock Start/From:

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

Within 8" of Joint: NO

Remarks:

15 Tuesday, April 25, 2023



Code: SSS

Description: Surface Damage Surface Spalling

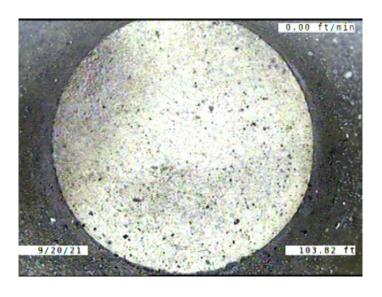
Distance (ft): 97.7
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 3

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

Within 8" of Joint:

Remarks:

YES



Code: TFC

Description: Tap Factory Capped

Distance (ft): 103.8
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 1

Clock To:

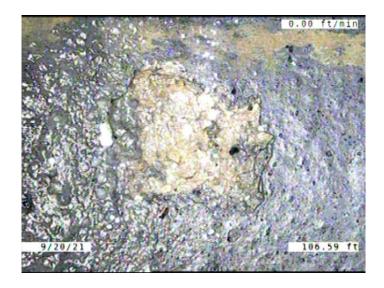
2nd Value:

1st Value: **4.000**

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: SSS

Description: Surface Damage Surface Spalling

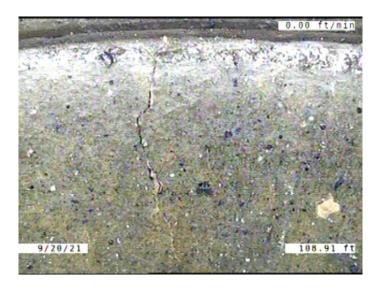
Distance (ft): 106.6
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 3

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

Within 8" of Joint:

Remarks:

YES



Code: CM

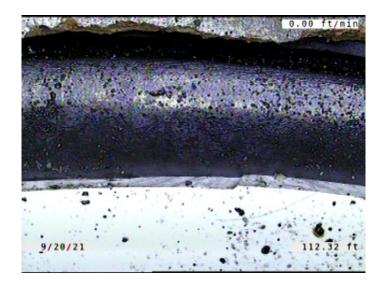
Description: Crack Multiple

Distance (ft): 108.9
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 11
Clock To: 12
1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: MMC

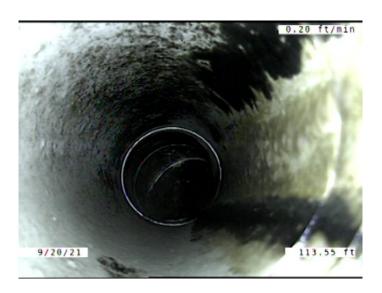
Description: Miscellaneous Material Change

Distance (ft): 112.3
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: VCP TO PVC



Code: **TF**

Description: Tap Factory

Distance (ft): 113.5
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

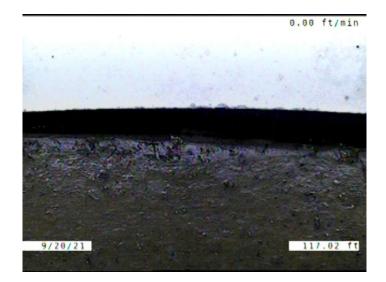
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: MMC

Description: Miscellaneous Material Change

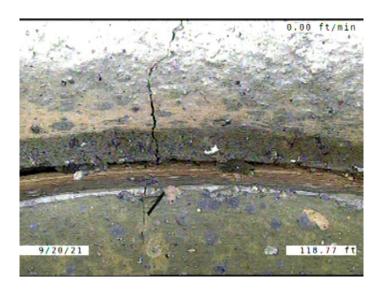
Distance (ft): 117.0
Structural Grade: 0
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: PVC TO VCP



Code: CM

Description: Crack Multiple

Distance (ft): 118.8
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 11
Clock To: 1
1st Value:
2nd Value:

Value Percent:
Continuous Index: S02
Within 8" of Joint: YES

Remarks:

narks[.]



Code: RFJ

Description: Roots Fine Joint

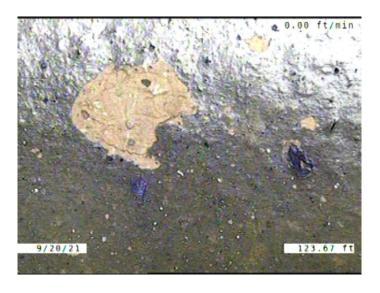
Distance (ft): 118.8
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 10
Clock To: 4

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

Within 8" of Joint:

Remarks:

YES



Code: SSS

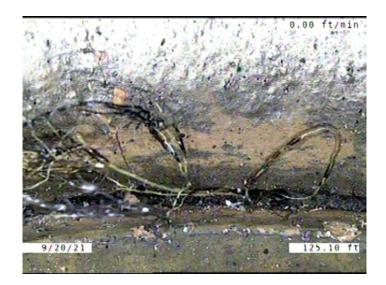
Description: Surface Damage Surface Spalling

Distance (ft): 123.7
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 3

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

Within 8" of Joint: YES

Remarks:



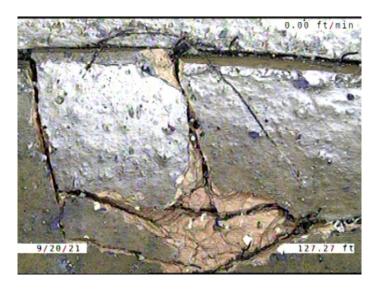
Code: RFJ
Description: Roots Fine Joint

Distance (ft): 125.1
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 9
Clock To: 11
1st Value:
2nd Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: B
Description: Broken

Distance (ft): 127.3
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 2
Clock To: 4
1st Value:
2nd Value:
Value Percent:
Continuous Index:

YES

Remarks:

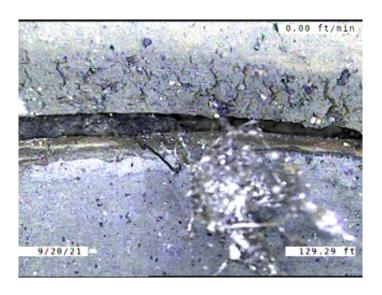
Within 8" of Joint:



Code: RFJ
Description: Roots Fine Joint

Distance (ft): 127.3 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 2 Clock To: 4 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES

Remarks:

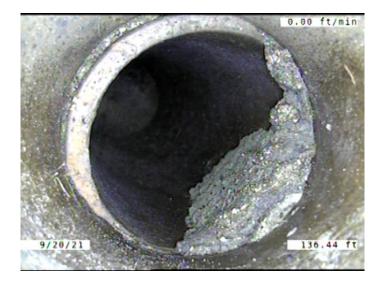


Code: RFJ

Description: Roots Fine Joint

Distance (ft): 129.3 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 8 3 Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: **S03** Within 8" of Joint: YES

Remarks:



Code: **TF**

Description: Tap Factory

Distance (ft): 136.4
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

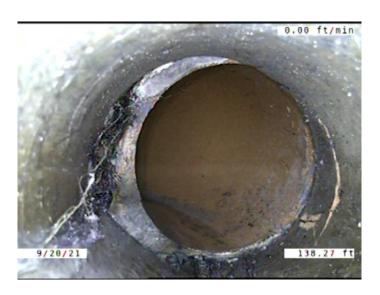
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: LOOKS LIKE IT MIGHT BE CAPPED



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 138.3
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 11

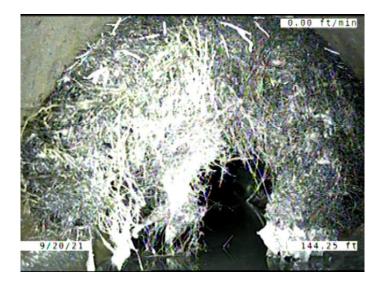
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: ROOTS GROWING IN THE JOINT



Code: CM

Description: Crack Multiple

Distance (ft): 144.3
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 11
Clock To: 1

1st Value: 2nd Value: Value Percent:

Continuous Index: F02
Within 8" of Joint: YES

Remarks:



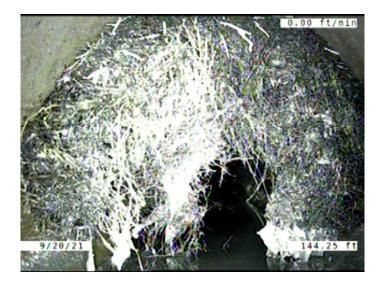
Code: RFJ

Description: Roots Fine Joint

Distance (ft): 144.3
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 8
Clock To: 3
1st Value: 2nd Value:

Value Percent:
Continuous Index: F03
Within 8" of Joint: YES

Remarks:



Code: **DSF**

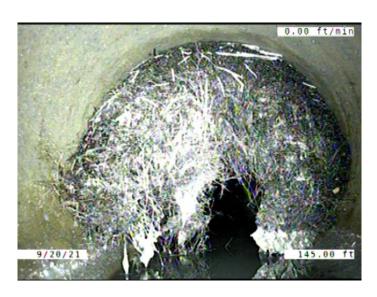
Description: **Deposits Settled Fine**

Distance (ft): 144.3 Structural Grade: 0 2 O&M Grade: Clock Start/From: 5 Clock To: 7

1st Value: 2nd Value:

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

Remarks:



RBJ Code:

Description: **Roots Ball Joint**

Distance (ft): 145.0 Structural Grade: 0 O&M Grade: 4 Clock Start/From: 8 5 Clock To: 1st Value:

2nd Value: Value Percent:

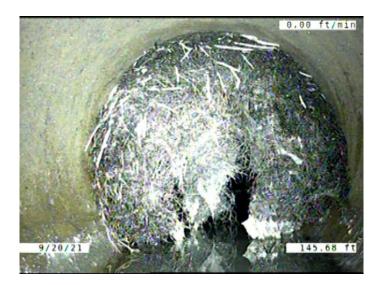
Continuous Index:

Within 8" of Joint: YES

95.000

Remarks:

25 Tuesday, April 25, 2023



Code: MSA

Description: Miscellaneous Survey Abandoned

Distance (ft): 145.7
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: CAMERA CANT MAKE IT PAST

ROOTS. MADE IT TO THE POINT OF