## **Profile/Photo Observation Report**



Date: 01/21/2023 **PACP 7.0** Weather: Coding: Pipe Length (ft): 402.0 Owner: **City of Hobart** Pre Clean: **Heavy Cleaning** P.O.#: S. Bucklin PSR: P-805-056-055 YES502259 Surveyor:

Customer: City of Hobart Clean Date: 12/19/2022 Shape: C

Street: South Lillian Street Flow Control: Not Controlled

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

Purpose:Routine AssessmentDia/Height:15"Use:Sanitary Sewage PipeMaterial:VCPDrain Area:Lining:None

Category: NA

Comment:

Location Details: Direction of Survey: **Downstream** 

US MH: M-805-056 DS MH: M-805-055 Total Length Surveyed (ft): 396.6

1.65 86.00 O&M Index: O&M Quick: O&M Rating: 3.91 **514**I 227.00 Structural Rating: Structural Index: Structural Quick: 2.85 313.00 **514**I Overall Index: Overall Quick: Overall Rating:

	Position	Code	Observation	Video (sec)	Grade
M-805-	056				
	0.	AMH	Manhole	1	NA
Н	0.	MWL	Miscellaneous Water Level	92	NA
	3.4	JAM	Joint Angular Medium	174	S 3
- 11	11.7	CM	Crack Multiple	245	S 3
	12.9	TFD	Tap Factory Defective	276	M 3
- 11	20.0	FM	Fracture Multiple	437	S 4
- 11	23.7	FM	Fracture Multiple	519	S 4
- 11	31.4	TF	Tap Factory	690	NA
- ##	34.6	FM	Fracture Multiple	743	S 4
8	36.6	SSS	Surface Damage Surface Spalling	799	S 2
Direction	36.6	В	Broken	828	S 4
i i	36.6	В	Broken	851	S 4
Camera	47.0	RFJ(S01)	Roots Fine Joint	948	M 1
Ca	52.1	DAGS	Deposits Attached Grease	1019	M 2
ш	59.6	DAR	Deposits Attached Ragging	1079	M 2
1 11	60.7	DAGS(S02)	Deposits Attached Grease	1099	M 2
1	71.8	RMB	Roots Medium Barrel	1212	M 4
- 11	96.6	SZ	Surface Damage Other	1392	NA
	96.6	В	Broken	1432	S 4

98.2	DAR	Deposits Attached Ragging	1456	M 2
108.2	TFD	Tap Factory Defective	1582	М 3
109.1	FM	Fracture Multiple	1660	S 4
115.0	RFJ(F01)	Roots Fine Joint	1702	M :
123.2	DAGS(F02)	Deposits Attached Grease	1742	M 2
142.2	FM	Fracture Multiple	1841	S 4
152.5	BSV	Broken Soil Visible	1939	S 5
154.6	FM	Fracture Multiple	2008	S 4
154.6	FM	Fracture Multiple	2030	S 4
168.1	TFD	Tap Factory Defective	2149	М 3
173.3	FM	Fracture Multiple	2201	S 4
183.5	SZ	Surface Damage Other	2278	NA
191.8	FM(S03)	Fracture Multiple	2437	S 4
218.8	SZ	Surface Damage Other	2612	NA
224.1	TF	Tap Factory	2678	NA
255.2	TF	Tap Factory	2840	NA
297.1	TBD	Tap Break-in/Hammer Defective	3045	M 3
298.5	TBD	Tap Break-in/Hammer Defective	3124	М 3
301.0	TFD	Tap Factory Defective	3172	M 3
317.4	TFD	Tap Factory Defective	3272	М 3
318.5	RFJ	Roots Fine Joint	3348	M :
326.8	RFJ	Roots Fine Joint	3431	M :
334.3	DAR	Deposits Attached Ragging	3475	M 2
347.4	JAL	Joint Angular Large	3588	S 4
347.4	RFJ	Roots Fine Joint	3598	M :
353.3	RFJ(SO4)	Roots Fine Joint	3683	M :
353.3	JAM	Joint Angular Medium	3696	S 3
354.4	TF	Tap Factory	3742	NA
357.2	ТВІ	Tap Break-in Intruding	3826	M 2
362.8	LL	Line Left	3863	M :
372.0	JAM	Joint Angular Medium	3947	S 3
375.6	LR	Line Right	3976	M :
382.1	SZ	Surface Damage Other	4011	NA
394.0	FM(F03)	Fracture Multiple	4134	S 4
/ 394.0	RFJ(F04)	Roots Fine Joint	4142	M :
396.6	AMH	Manhole	4294	NA



Code: AMH
Description: Manhole

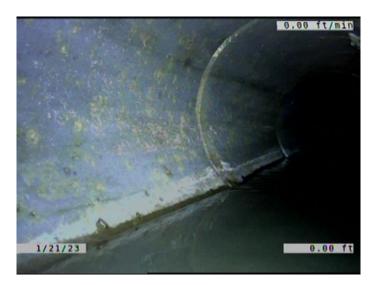
Distance (ft): .0
Structural Grade: 0
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: M-805-056



Code: MWL

Description: Miscellaneous Water Level

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

Clock Start/From:

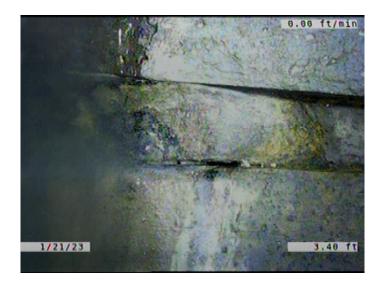
Clock To: 1st Value: 2nd Value:

Value Percent: 10.000

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: JAM

Description: Joint Angular Medium

Distance (ft): 3.4
Structural Grade: 3
O&M Grade: 0

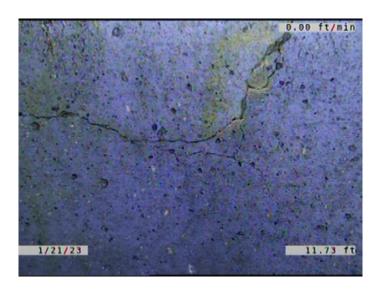
Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: CM

Description: Crack Multiple

Distance (ft): 11.7
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 8
Clock To: 10
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: **TFD** 

Description: Tap Factory Defective

Distance (ft): 12.9
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 10

Clock To:

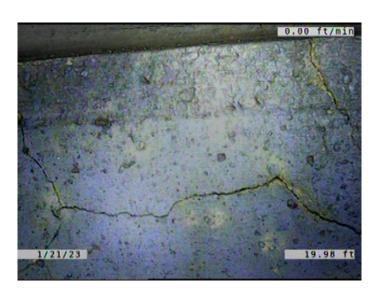
1st Value: **6.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: TAP BROKEN. SERVICE LARGE

OFFSET. SOIL VISIBLE AT MULTIPLE J



Code: FM

Description: Fracture Multiple

Distance (ft): 20.0
Structural Grade: 4

O&M Grade: 0
Clock Start/From: 7

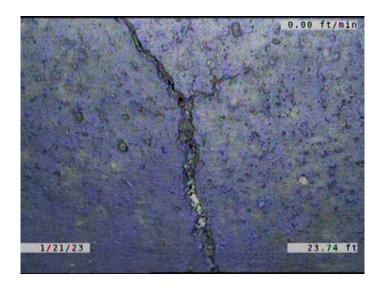
Clock To: 12

1st Value: 2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: FΜ Description: **Fracture Multiple** 

Distance (ft): 23.7 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 7 Clock To: 5

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

Within 8" of Joint:

Remarks:

YES



Code: TF

Description: **Tap Factory** 

Distance (ft): 31.4 Structural Grade: 0 O&M Grade: 0 Clock Start/From: 1

Clock To:

6.000 1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: FΜ

Description: **Fracture Multiple** 

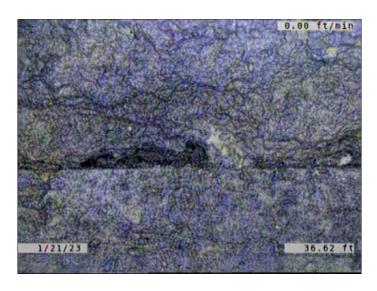
Distance (ft): 34.6 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 2 Clock To: 4

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

Within 8" of Joint:

Remarks:

YES



SSS Code:

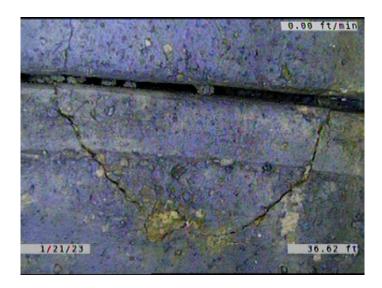
Description: **Surface Damage Surface Spalling** 

Distance (ft): 36.6 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: YES

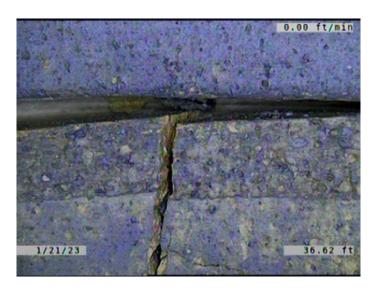
Remarks:



Code: B
Description: Broken

Distance (ft): 36.6 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 2 Clock To: 4 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES

Remarks:



Code: B
Description: Broken

Distance (ft): 36.6
Structural Grade: 4

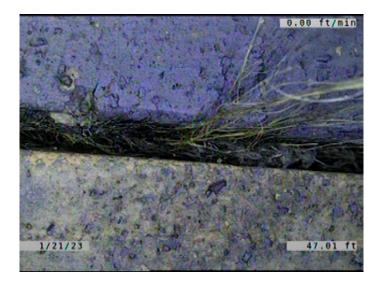
O&M Grade: 0
Clock Start/From: 7
Clock To: 12

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

Remarks:

Within 8" of Joint:

YES



Code: RFJ

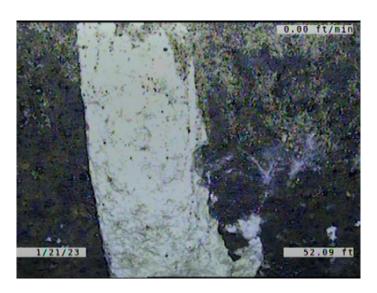
Description: Roots Fine Joint

Distance (ft): 47.0
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 9
Clock To: 3

1st Value: 2nd Value: Value Percent:

Continuous Index: **S01**Within 8" of Joint: **YES** 

Remarks:



Code: DAGS

Description: Deposits Attached Grease

Distance (ft): 52.1
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 12

Clock To: 1st Value: 2nd Value:

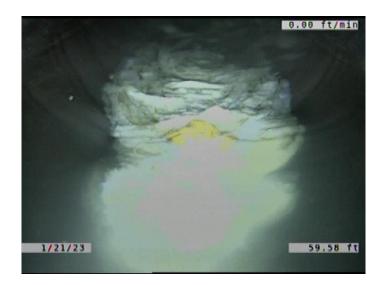
Value Percent: 5.000

Continuous Index:

Within 8" of Joint: NO

Remarks:

.



1/21/23

Code: DAR

Description: **Deposits Attached Ragging** 

Distance (ft): 59.6 Structural Grade: 0 2 O&M Grade: Clock Start/From: 6

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: NO

Remarks:

0.00 ft/min

Code: DAGS

Description: **Deposits Attached Grease** 

Distance (ft): 60.7 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 10 2 Clock To: 1st Value:

2nd Value:

Value Percent: 5.000 Continuous Index: **S02** Within 8" of Joint: YES

Remarks:



Code: RMB

Description: Roots Medium Barrel

Distance (ft): 71.8
Structural Grade: 0
O&M Grade: 4
Clock Start/From: 9
Clock To: 3

1st Value: 2nd Value:

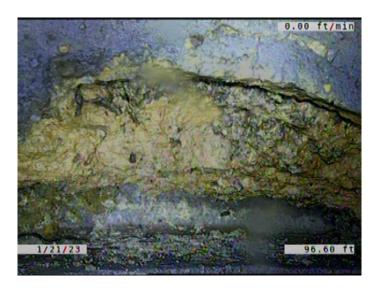
Value Percent: 40.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: SZ

Description: Surface Damage Other

Distance (ft): 96.6
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 2

Clock To: 4

1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: A PIECE CHIPPED AWAY FROM THE

JOINT.



Code: Description: Broken

Distance (ft): 96.6 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 8 Clock To: 1 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:



Code: DAR

Description: **Deposits Attached Ragging** 

YES

Distance (ft): 98.2 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 7 Clock To:

1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: **TFD** 

Description: **Tap Factory Defective** 

Distance (ft): 108.2 Structural Grade: 0 3 O&M Grade: Clock Start/From: 1

Clock To:

1st Value: 6.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: TAP BROKEN. SERVICE BROKEN.

OFFSET AND ANGLED. VOID AND SOI



Code: FM

Description: **Fracture Multiple** 

Distance (ft): 109.1 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 7 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): 115.0
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 9
Clock To: 3

1st Value: 2nd Value: Value Percent:

Continuous Index: F01
Within 8" of Joint: YES

Remarks:



Code: DAGS

Description: Deposits Attached Grease

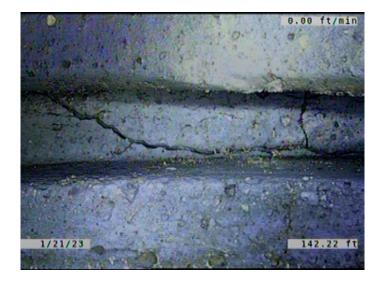
Distance (ft): 123.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 10
Clock To: 2
1st Value:

Value Percent: 5.000
Continuous Index: F02
Within 8" of Joint: YES

Remarks:

2nd Value:

1 8" of Joint:



Code: FΜ

Description: **Fracture Multiple** 

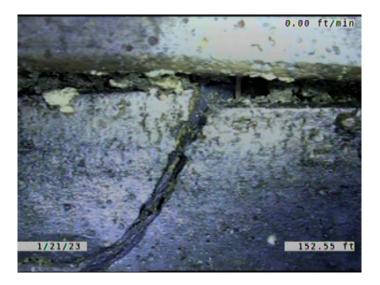
Distance (ft): 142.2 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 8 Clock To: 11

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

Within 8" of Joint:

Remarks:

YES



BSV Code:

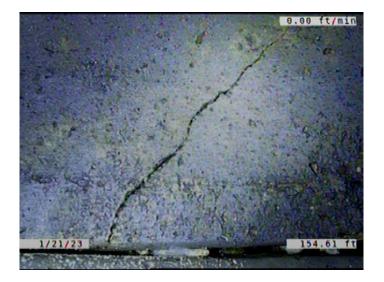
Description: **Broken Soil Visible** 

Distance (ft): 152.5 Structural Grade: 5 O&M Grade: 0 Clock Start/From: 8 Clock To: 12 1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: **FM** 

Description: Fracture Multiple

Distance (ft): 154.6
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 7
Clock To: 9

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

Within 8" of Joint:

Remarks:

YES



Code: FM

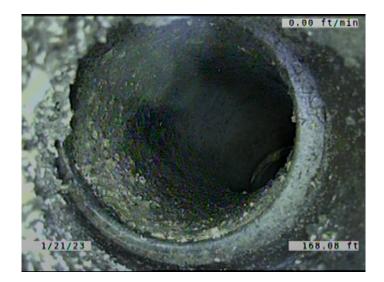
Description: Fracture Multiple

Distance (ft): 154.6
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 3
Clock To: 5
1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: **TFD** 

Description: Tap Factory Defective

Distance (ft): 168.1
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 1

Clock To:

1st Value: **6.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: TAP BROKEN. SERVICE ANGLED. SOIL

VISIBLE AT THE SERVICE TO MAIN C



Code: FM

Description: Fracture Multiple

Distance (ft): 173.3
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 2
Clock To: 4
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: SZ

Description: **Surface Damage Other** 

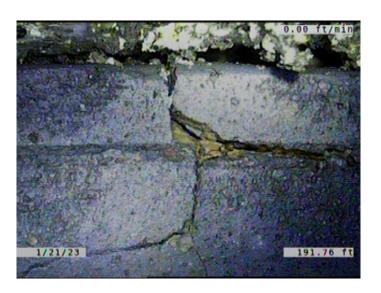
Distance (ft): 183.5 Structural Grade: 0 O&M Grade: 0 Clock Start/From: 3 Clock To: 5

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

Within 8" of Joint: YES

Remarks: A PIECE CHIPPED AWAY FROM THE

JOINT.



Code: FM

Description: **Fracture Multiple** 

Distance (ft): 191.8 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 7 Clock To: 4 1st Value:

2nd Value: Value Percent:

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

Remarks:



Code: SZ

Description: Surface Damage Other

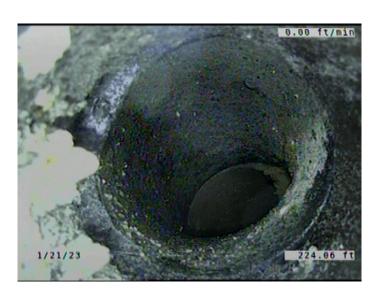
Distance (ft): 218.8
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2
Clock To: 4

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

Within 8" of Joint: YES

Remarks: A PIECE CHIPPED AWAY FROM THE

JOINT.



Code: TF

Description: Tap Factory

Distance (ft): 224.1
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 1

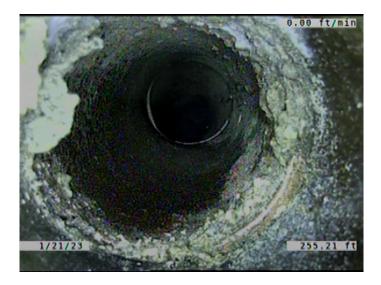
Clock To:

1st Value: **6.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: **TF** 

Description: Tap Factory

Distance (ft): 255.2
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2

Clock To:

1st Value: **6.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **TBD** 

Description: Tap Break-in/Hammer Defective

Distance (ft): 297.1
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 2

Clock To:

1st Value: **6.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: SOIL VISIBLE AROUND THE SERVICE

TO MAIN CONNECTION .



Code: TBD

Description: Tap Break-in/Hammer Defective

Distance (ft): 298.5
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 1

Clock To:

1st Value: **6.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: SOIL VISIBLE AROUND THE SERVICE

TO MAIN CONNECTION.



Code: **TFD** 

Description: Tap Factory Defective

Distance (ft): 301.0
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 2

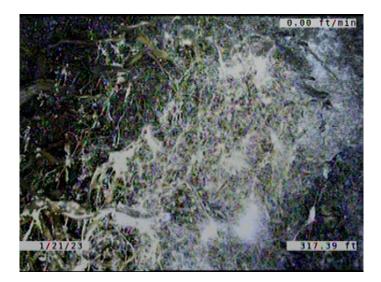
Clock To:

1st Value: **6.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: **SOIL VISIBLE IN THE SERVICE.** 



Code: **TFD** 

Description: Tap Factory Defective

Distance (ft): 317.4
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 2

Clock To:

1st Value: **6.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: 100% PLUGGED WITH ROOTS.



Code: RFJ

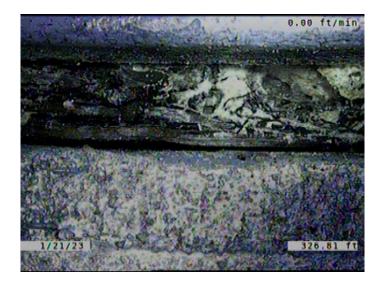
Description: Roots Fine Joint

Distance (ft): 318.5
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 8
Clock To: 4
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Remarks:

Within 8" of Joint:

YES



Code: RFJ

Description: **Roots Fine Joint** 

Distance (ft): 326.8 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 10 Clock To: 2

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

Within 8" of Joint:

Remarks:

YES



Code: DAR

Description: **Deposits Attached Ragging** 

Distance (ft): 334.3 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 5

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: JAL

Description: Joint Angular Large

Distance (ft): 347.4
Structural Grade: 4
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: RFJ

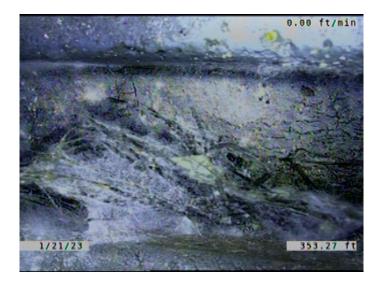
Description: Roots Fine Joint

Distance (ft): 347.4
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 8
Clock To: 10
1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: RFJ

Description: **Roots Fine Joint** 

Distance (ft): 353.3 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 8 4

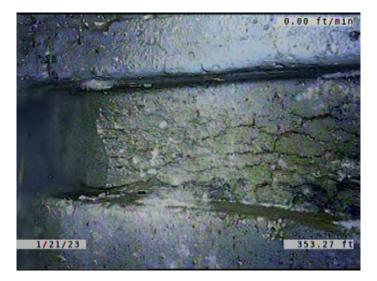
Clock To: 1st Value: 2nd Value:

Continuous Index: **S04** 

Within 8" of Joint:

Value Percent:

Remarks:



Tuesday, April 25, 2023

Code: JAM

Description: Joint Angular Medium

YES

Distance (ft): 353.3 Structural Grade: 3 O&M Grade: 0

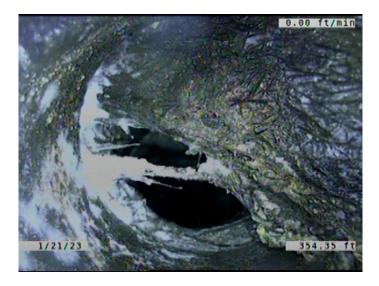
Clock Start/From:

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

Within 8" of Joint: NO

Remarks:

25



Code: **TF** 

Description: Tap Factory

Distance (ft): 354.4
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2

Clock To:

1st Value: **6.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: ROOTS GROWING FROM THE SERVICE TO MAIN CONNECTION.



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 357.2
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: YES

Remarks: SERVICE BROKEN. SOIL VISIBLE AT THE SERVICE TO MAIN CONNECNTIO



Code: LL

Description: Line Left

Distance (ft): 362.8
Structural Grade: 0

O&M Grade: 1

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: JAM

Description: Joint Angular Medium

Distance (ft): 372.0
Structural Grade: 3
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks:



Code: LR

Description: Line Right

Distance (ft): 375.6
Structural Grade: 0
O&M Grade: 1

Clock Start/From:

Clock To: 1st Value: 2nd Value:

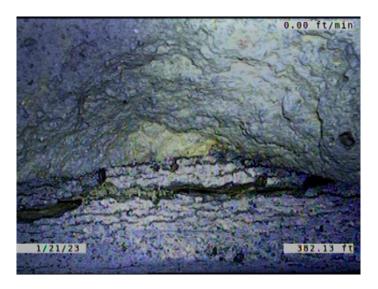
Value Percent: 10.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: SZ

Description: Surface Damage Other

Distance (ft): 382.1
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: FM

Description: Fracture Multiple

Distance (ft): 394.0
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 7

Clock To: 4

1st Value: 2nd Value: Value Percent:

Continuous Index: F03
Within 8" of Joint: YES

Remarks:



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 394.0
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 8
Clock To: 4
1st Value:
2nd Value:

Value Percent:
Continuous Index: F04
Within 8" of Joint: YES

Remarks:



Code: AMH
Description: Manhole

Distance (ft): 396.6
Structural Grade: 0
O&M Grade: 0

Clock Start/From:

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

Continuous Index: Within 8" of Joint:

Remarks: M-805-055

NO