Profile/Photo Observation Report



Date: 11/11/2021 **PACP 7.0** Weather: Coding: Pipe Length (ft): 140.7 Owner: Pre Clean: **Heavy Cleaning City of Hobart** P.O.#: YES502259 Steven Bucklin PSR: P-605-024-023 Surveyor:

Customer: City of Hobart, IN (Red Clean Date: 11/10/2021 Shape: C

Street: West 2nd Street Flow Control: Not Controlled

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

Purpose:Routine AssessmentDia/Height:10"Use:Sanitary Sewage PipeMaterial:VCPDrain Area:Lining:None

Category: NA

Comment:

Location Details: Direction of Survey: Upstream

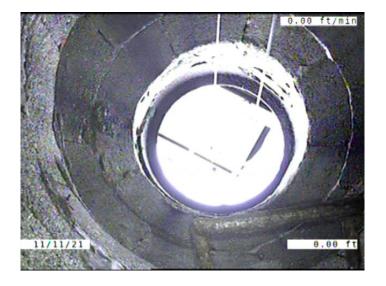
US MH: M-605-023 DS MH: M-605-024 Total Length Surveyed (ft): 140.7

2.50 3323 15.00 O&M Index: O&M Quick: O&M Rating: 2.93 79.00 Structural Rating: Structural Index: Structural Quick: 2.85 94.00 Overall Index: Overall Quick: Overall Rating:

	Position	Code	Observation	Video (sec)	Grade
605-	024				
	0.	АМН	Manhole	1	NA
	0.	MWL	Miscellaneous Water Level	71	NA
	1.4	В	Broken	137	S 4
	4.0	FM	Fracture Multiple	210	S 4
Ш	5.8	В	Broken	276	S 4
	7.7	FM	Fracture Multiple	326	S 4
	10.9	MWLS(S01)	Miscellaneous Water Level Sag	356	S 2
	11.9	TFD	Tap Factory Defective	375	M 3
	12.2	FM	Fracture Multiple	420	S 4
	16.7	MWLS(F01)	Miscellaneous Water Level Sag	455	S 2
ш	19.9	MWLS(S02)	Miscellaneous Water Level Sag	485	S 2
	22.4	В	Broken	529	S 4
	24.4	В	Broken	562	S 4
	25.9	SSS	Surface Damage Surface Spalling	585	S 2
	29.2	SSS	Surface Damage Surface Spalling	636	S 2
	30.5	FM	Fracture Multiple	679	S 4
	32.5	В	Broken	730	S 4
	41.7	MWLS(F02)	Miscellaneous Water Level Sag	784	S 2
	42.5	SSS	Surface Damage Surface Spalling	801	S 2

42.5	SSS	Surface Damage Surface Spalling	834	S 2
42.5	FM	Fracture Multiple	839	S 4
45.4	DSF	Deposits Settled Fine	878	M 2
48.8	DAE	Deposits Attached Encrustation	904	M 2
53.5	MWLS(S03)	Miscellaneous Water Level Sag	938	S 2
56.7	TFD	Tap Factory Defective	967	М 3
57.1	CM	Crack Multiple	1011	S 3
60.1	MWLS(F03)	Miscellaneous Water Level Sag	1046	S 2
61.7	SSS	Surface Damage Surface Spalling	1068	S 2
63.7	SSS	Surface Damage Surface Spalling	1099	S 2
69.6	В	Broken	1159	S 4
73.4	SZ	Surface Damage Other	1186	NA
79.7	FM	Fracture Multiple	1245	S 4
98.3	TFD	Tap Factory Defective	1348	M 3
109.4	SSS	Surface Damage Surface Spalling	1420	S 2
112.7	CL	Crack Longitudinal	1465	S 2
112.7	DAE	Deposits Attached Encrustation	1477	M 2
131.1	MMC	Miscellaneous Material Change	1600	NA
135.9	TF	Tap Factory	1656	NA
140.7	AMH	Manhole	1763	NA

M(605)023



Code: AMH
Description: Manhole

Distance (ft):

Structural Grade:

O&M Grade:

Clock Start/From:

Clock To:

1st Value:

2nd Value:

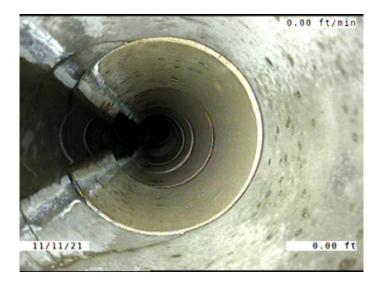
Value Percent:

Continuous Index:

Within 8" of Joint:

NO

Remarks: M-605-024



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



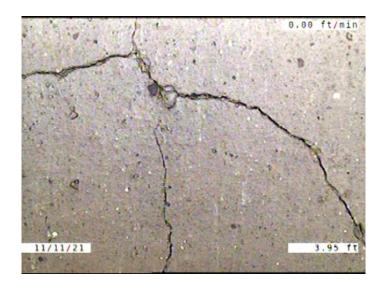
Code: B
Description: Broken

Distance (ft): 1.4
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 3
Clock To: 9
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Remarks:

Within 8" of Joint:

YES



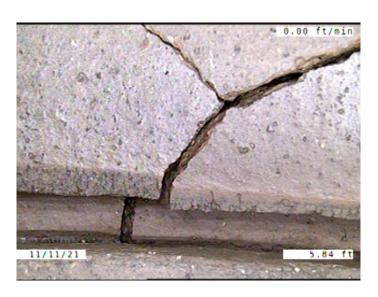
Code: FM

Description: Fracture Multiple

Distance (ft): 4.0 Structural Grade: 4 0 O&M Grade: Clock Start/From: 11 Clock To: 3 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES

Remarks:

Remarks:



В Code: Description: Broken Distance (ft): 5.8 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 11 3 Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES



Code: FM

Description: **Fracture Multiple**

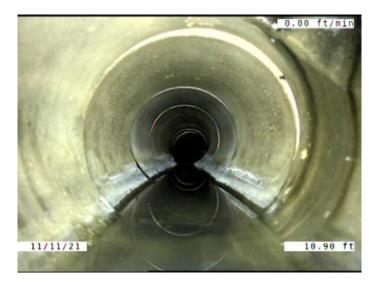
Distance (ft): 7.7 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 9 Clock To: 4

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

Within 8" of Joint:

Remarks:

YES



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

Distance (ft): 10.9 Structural Grade: 2 O&M Grade: 0

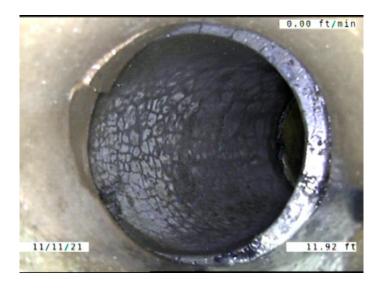
Clock Start/From:

Clock To: 1st Value: 2nd Value:

5.000 Value Percent: Continuous Index: **S01** Within 8" of Joint: NO

Remarks:

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Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 11.9
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: BROKEN. OFFSET.



Code: FM

Description: Fracture Multiple

Distance (ft): 12.2
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 12
Clock To: 3
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: MWLS

Description: Miscellaneous Water Level Sag

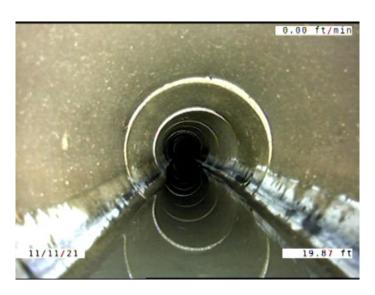
Distance (ft): 16.7
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: F01
Within 8" of Joint: NO

Remarks:



Code: MWLS

Description: Miscellaneous Water Level Sag

Distance (ft): 19.9
Structural Grade: 2
O&M Grade: 0

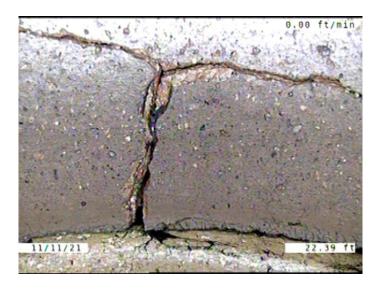
Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: S02
Within 8" of Joint: NO

Remarks:

VILLIIII 8

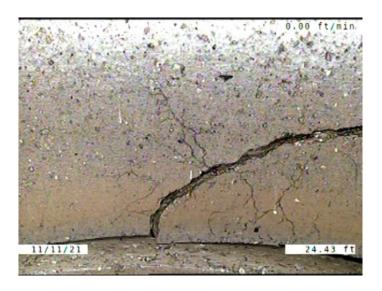


Code: B
Description: Broken

Distance (ft): 22.4 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 10 Clock To: 3 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES

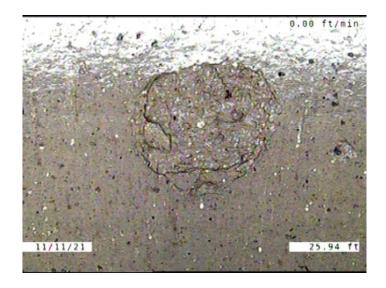
Remarks:

Remarks:



Code: B
Description: Broken

Distance (ft): 24.4 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



Code: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 25.9
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 11
Clock To: 12

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

Within 8" of Joint:

Remarks:

NO



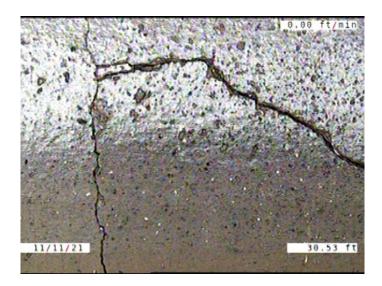
Code: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 29.2
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 8
Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: NO

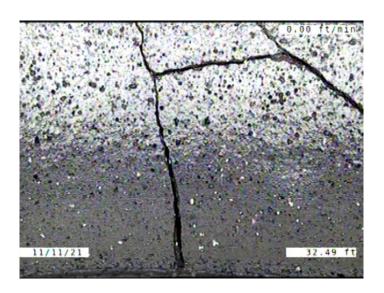
Remarks:



Code: FΜ Description: **Fracture Multiple**

Distance (ft): 30.5 Structural Grade: 4 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:



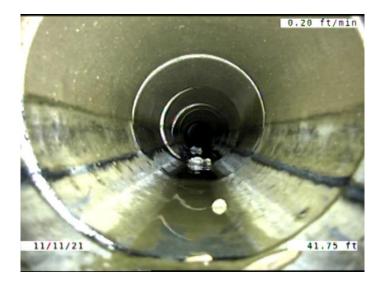
Code: В Description: Broken

Distance (ft): 32.5 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 10 2 Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:

YES

Remarks:

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Code: MWLS

Description: Miscellaneous Water Level Sag

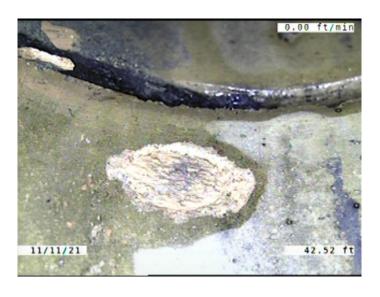
Distance (ft): 41.7
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: F02
Within 8" of Joint: NO

Remarks:



Code: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 42.5
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 5
Clock To:
1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 42.5
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 12

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

Within 8" of Joint:

Remarks:

YES

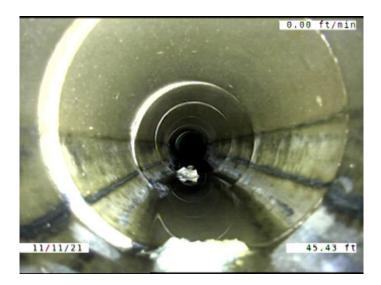


Code: FM

Description: Fracture Multiple

Distance (ft): 42.5 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 10 2 Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES

Remarks:



Code: **DSF**

Description: Deposits Settled Fine

Distance (ft): 45.4
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 6

Clock To: 1st Value: 2nd Value:

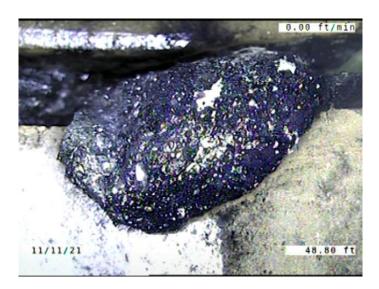
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 48.8
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 7

Clock To:

1st Value: 2nd Value:

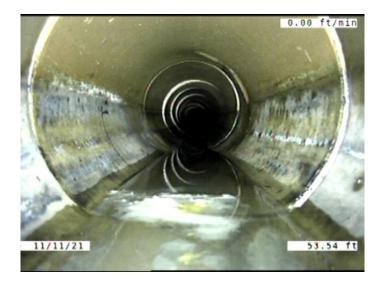
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MWLS

Description: Miscellaneous Water Level Sag

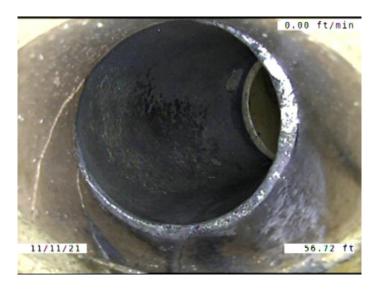
Distance (ft): 53.5
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: S03
Within 8" of Joint: NO

Remarks:



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 56.7
Structural Grade: 0

O&M Grade: 3

Clock Start/From: 1

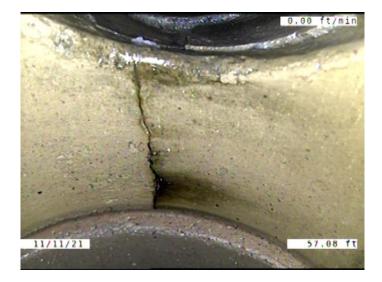
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: BROKEN



Code: CM

Description: **Crack Multiple**

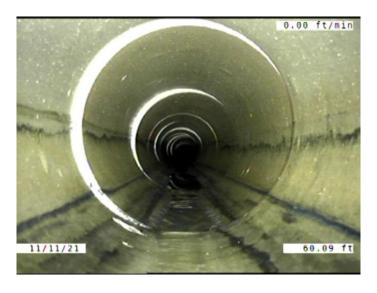
Distance (ft): 57.1 Structural Grade: 3 0 O&M Grade: Clock Start/From: 1 Clock To: 3

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

Within 8" of Joint:

Remarks:

YES



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

Distance (ft): 60.1 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000 Continuous Index: F03 Within 8" of Joint: NO

Remarks:

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Code: SSS

Description: Surface Damage Surface Spalling

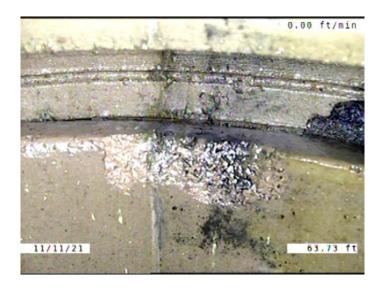
Distance (ft): 61.7
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 7

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

Within 8" of Joint:

Remarks:

YES



Code: SSS

Description: Surface Damage Surface Spalling

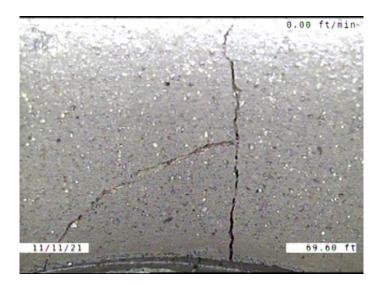
Distance (ft): 63.7
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 3
Clock To:

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

Within 8" of Joint: YES

Remarks:

rks:



Code: B
Description: Broken

Distance (ft): 69.6
Structural Grade: 4

O&M Grade: 0

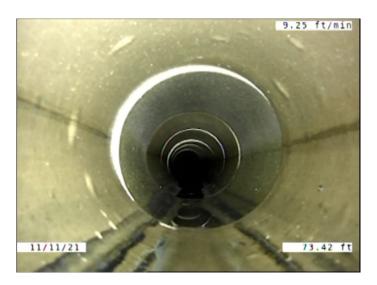
Clock Start/From: 11

Clock To: 1

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: SZ

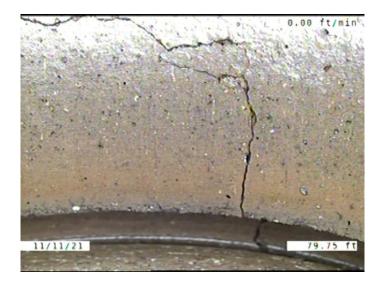
Description: Surface Damage Other

Distance (ft): 73.4
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 8
Clock To: 3
1st Value:
2nd Value:

Within 8" of Joint: NO

Value Percent: Continuous Index:

Remarks: Indentations. Factory defect.



Code: FM

Description: Fracture Multiple

Distance (ft): 79.7
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:

Remarks:

Code: **TFD**

Description: Tap Factory Defective

YES

Distance (ft): 98.3
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 1

Clock To:

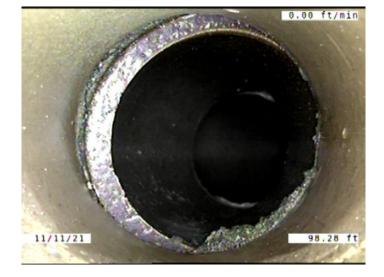
2nd Value:

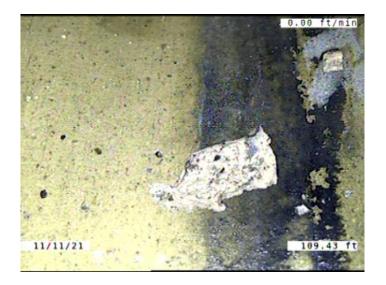
1st Value: **4.000**

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: **OFFSET. SOIL VISIBLE.**





Code: SSS

Description: **Surface Damage Surface Spalling**

Distance (ft): 109.4 Structural Grade: 2 O&M Grade: 0

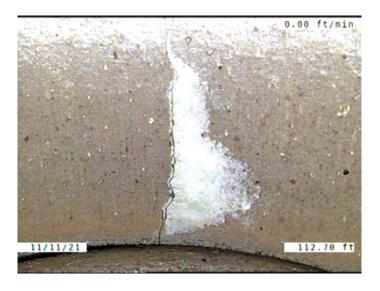
Clock Start/From: 5 Clock To: 7

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

Within 8" of Joint:

Remarks:

YES



CL Code:

Description: **Crack Longitudinal**

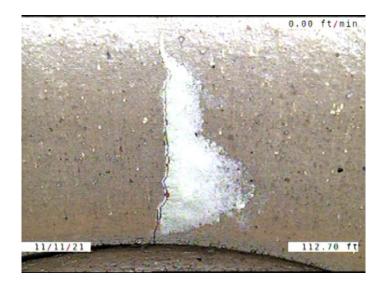
Distance (ft): 112.7 Structural Grade: 2 O&M Grade: 0 Clock Start/From: 1

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

Within 8" of Joint: YES

Remarks:

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Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 112.7
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 1

Clock To:
1st Value:

2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 131.1
Structural Grade: 0

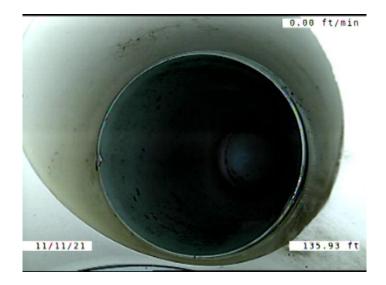
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: VCP TO PVC



Code: **TF**

Description: Tap Factory

Distance (ft): 135.9
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: AMH
Description: Manhole

Distance (ft): 140.7
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: M-605-023