

Profile/Photo Observation Report

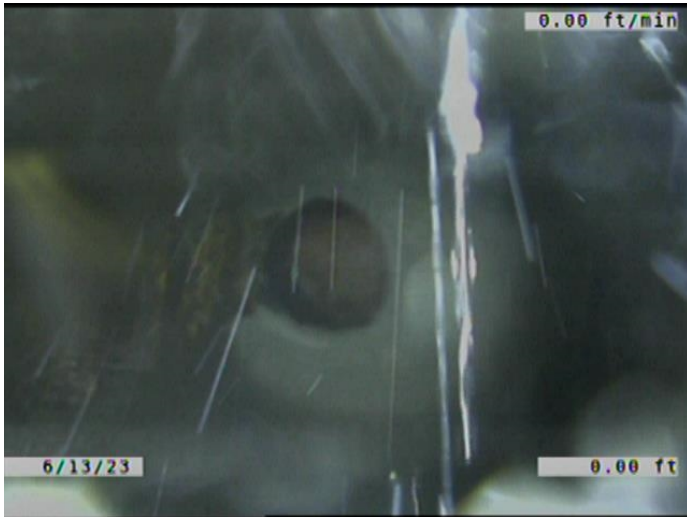


Date:	06/13/2023	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	150.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-902-032-032A
Customer:	City of Hobart	Clean Date:	05/10/2023	Shape:	C

Street:	North Shelby Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Easement/Right of Way	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	18"
Use:	Sanitary Sewage Pipe	Material:	RCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-902-032	DS MH:	M-902-032A
		Total Length Surveyed (ft):	151.1

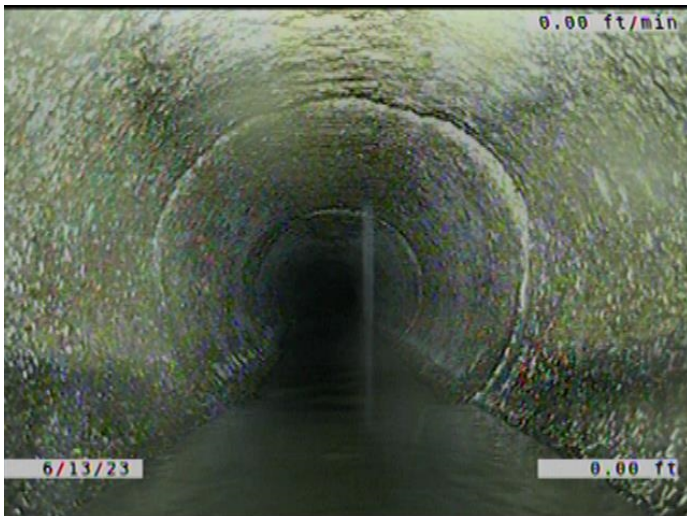
O&M Index:	1.74	O&M Quick:	2E1A	O&M Rating:	75.00
Structural Index:	3.02	Structural Quick:	5241	Structural Rating:	154.00
Overall Index:	2.44	Overall Quick:	5241	Overall Rating:	229.00

	Position	Code	Observation	Video (sec)	Grade
<div>M-902-032</div> <div>Camera Direction</div> <div>M-902-032A</div>	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	76	NA
	.0	SAP(S01)	Surface Damage Aggregate Projecting	85	S 3
	15.1	DAE(S02)	Deposits Attached Encrustation	204	M 2
	15.1	SMW	Surface Damage Missing Wall	222	S 5
	54.7	LL	Line Left	385	M 1
	56.0	JAM	Joint Angular Medium	374	S 3
	56.0	MWLS(S03)	Miscellaneous Water Level Sag	436	S 3
	73.9	JOMD	Joint Offset Medium Defective	510	S 3
	78.5	MWLS(F03)	Miscellaneous Water Level Sag	548	S 3
	81.4	MWLS(S04)	Miscellaneous Water Level Sag	557	S 3
	82.0	TF	Tap Factory	577	NA
	97.2	JOMD	Joint Offset Medium Defective	688	S 3
	97.2	RFJ(S05)	Roots Fine Joint	698	M 1
	101.0	SMW	Surface Damage Missing Wall	754	S 5
	114.7	MWLS(F04)	Miscellaneous Water Level Sag	823	S 3
	117.3	RTJ(S06)	Roots Tap Joint	880	M 2
	124.5	MWLS(S07)	Miscellaneous Water Level Sag	965	S 2
	133.5	B	Broken	1026	S 4
	136.3	MWLS(F07)	Miscellaneous Water Level Sag	1050	S 2
	140.2	MWLS(S08)	Miscellaneous Water Level Sag	1111	S 2
	140.2	RTJ(F06)	Roots Tap Joint	1118	M 2
	149.4	SAP(F01)	Surface Damage Aggregate Projecting	1185	S 3
	149.4	DAE(F02)	Deposits Attached Encrustation	1194	M 2
	149.4	RFJ(F05)	Roots Fine Joint	1202	M 1
	149.4	MWLS(F08)	Miscellaneous Water Level Sag	1210	S 2
	151.1	AMH	Manhole	1316	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-902-032**



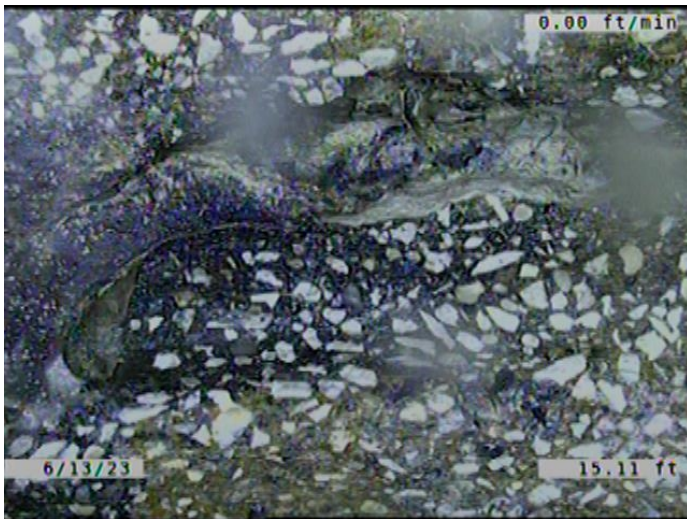
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



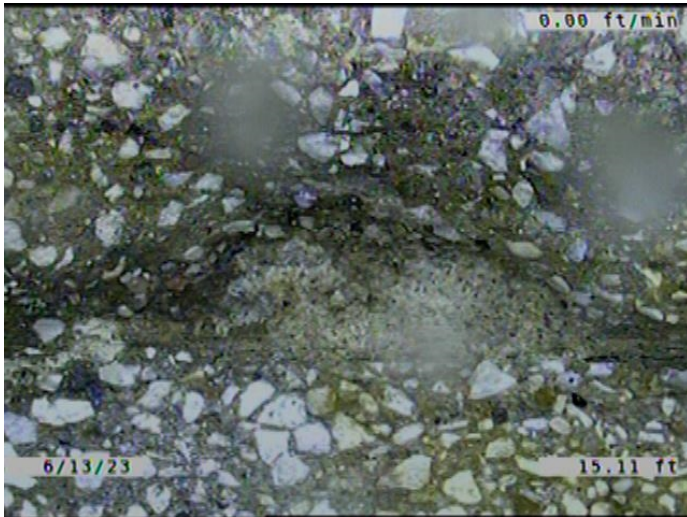
Code: **SAP**
Description: **Surface Damage Aggregate Projecting**

Distance (ft): **.0**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:



Code: **DAE**
Description: **Deposits Attached Encrustation**

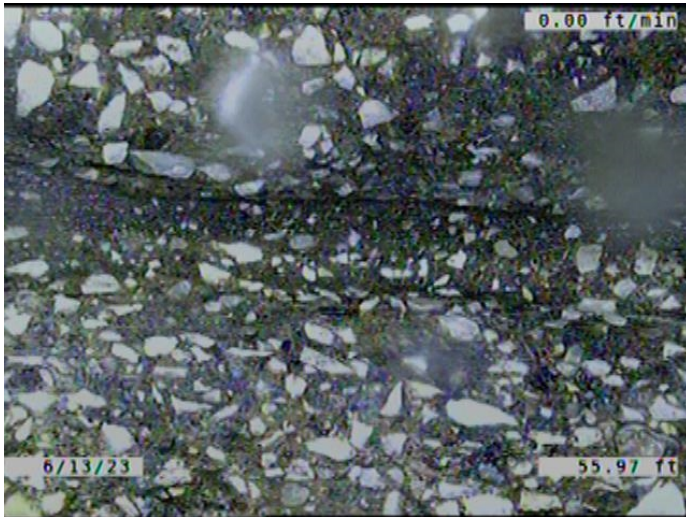
Distance (ft): **15.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks:



Code:	SMW
Description:	Surface Damage Missing Wall
Distance (ft):	15.1
Structural Grade:	5
O&M Grade:	0
Clock Start/From:	10
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	THE INSIDE OF THE JOINT.



Code:	LL
Description:	Line Left
Distance (ft):	54.7
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:	NO
Remarks:	



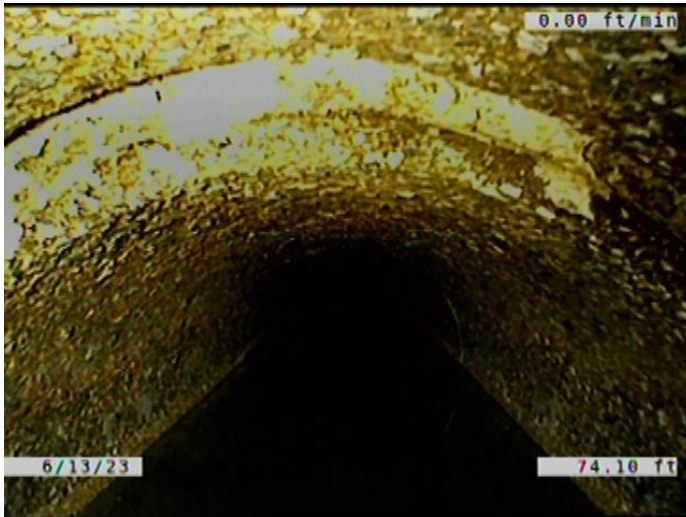
Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **56.0**
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:



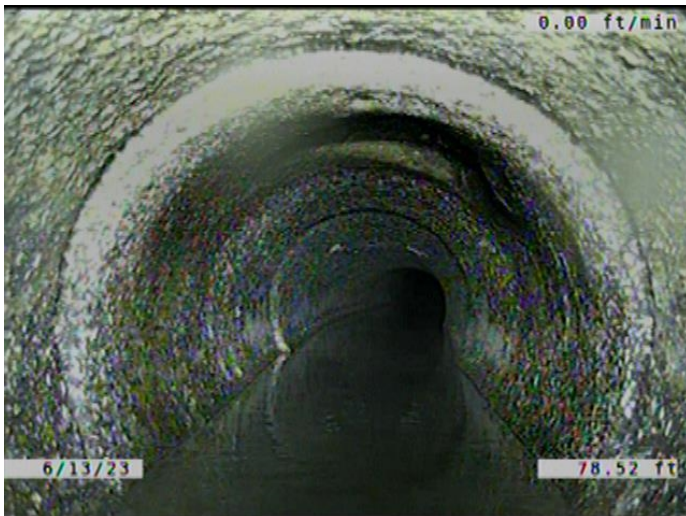
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **56.0**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **45.000**
Continuous Index: **S03**
Within 8" of Joint: **NO**
Remarks:



Code: **JOMD**
 Description: **Joint Offset Medium Defective**

Distance (ft): **73.9**
 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:



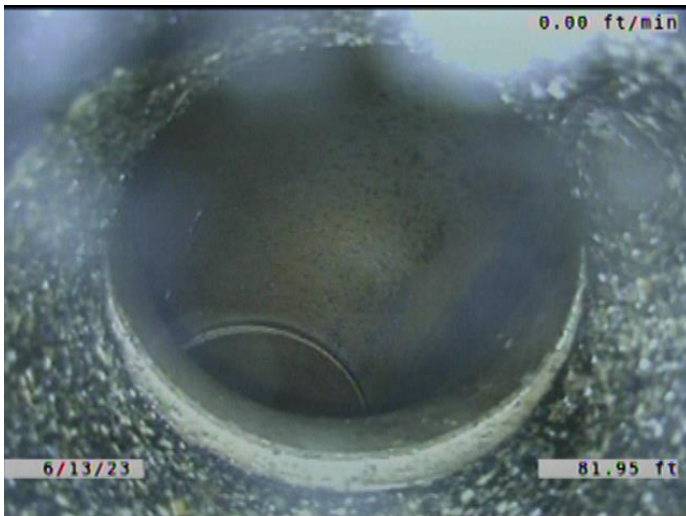
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **78.5**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **45.000**
 Continuous Index: **F03**
 Within 8" of Joint: **NO**
 Remarks:



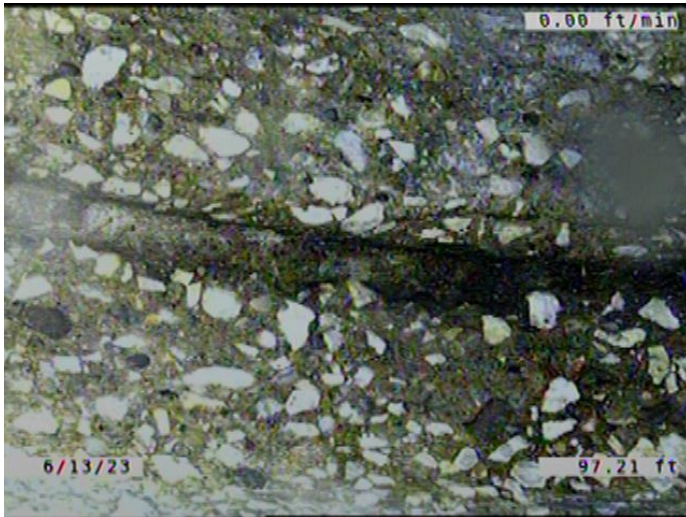
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **81.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **50.000**
Continuous Index: **S04**
Within 8" of Joint: **NO**
Remarks:



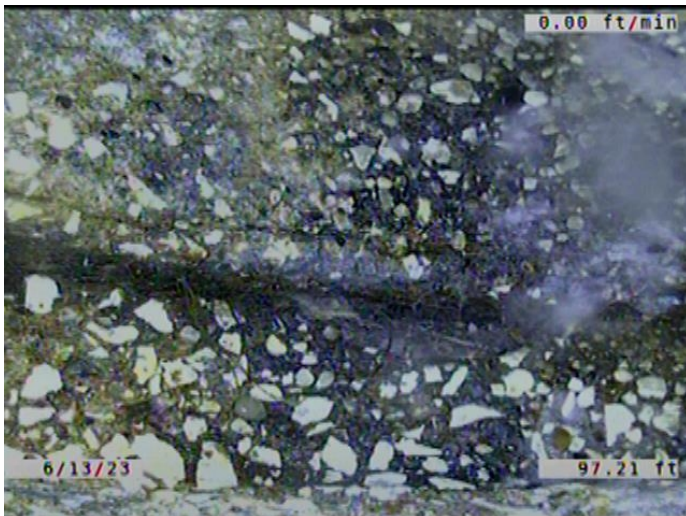
Code: **TF**
Description: **Tap Factory**

Distance (ft): **82.0**
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: **CONSTANLTY DRIPPING WATER.**



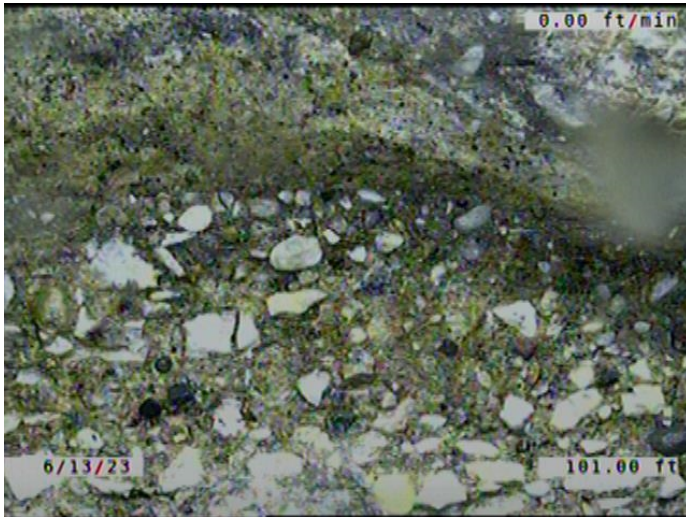
Code: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **97.2**
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: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **97.2**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S05**
Within 8" of Joint: **YES**
Remarks:



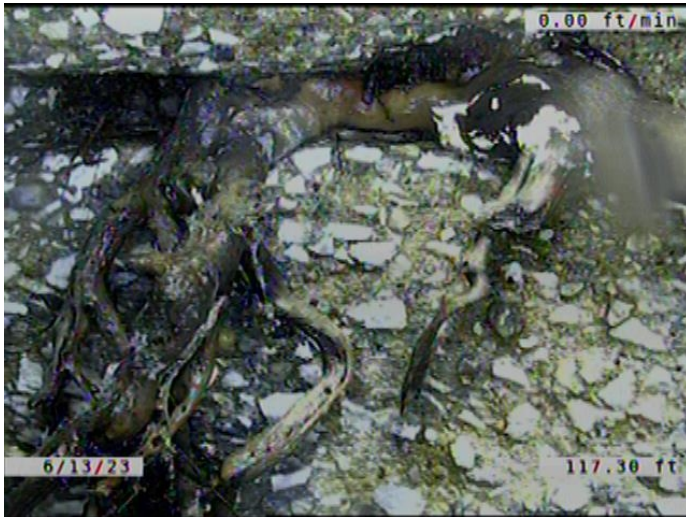
Code: **SMW**
Description: **Surface Damage Missing Wall**

Distance (ft): **101.0**
Structural Grade: **5**
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: **THE INSIDE OF THE JOINT.**



Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **114.7**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **50.000**
Continuous Index: **F04**
Within 8" of Joint: **NO**
Remarks:



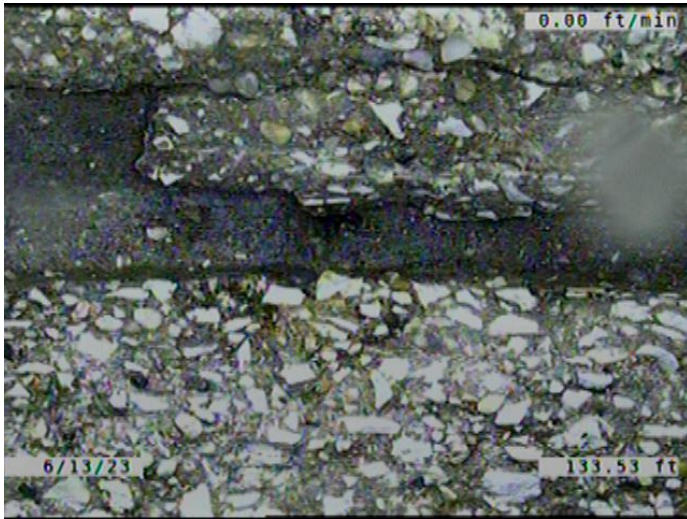
Code: **RTJ**
Description: **Roots Tap Joint**

Distance (ft): **117.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **10**
Clock To: **2**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S06**
Within 8" of Joint: **YES**
Remarks:



Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **124.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **S07**
Within 8" of Joint: **NO**
Remarks:



Code: **B**
Description: **Broken**

Distance (ft): **133.5**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **136.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **F07**
Within 8" of Joint: **NO**
Remarks:



Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	140.2
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	20.000
Continuous Index:	S08
Within 8" of Joint:	NO
Remarks:	



Code:	RTJ
Description:	Roots Tap Joint
Distance (ft):	140.2
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	10
Clock To:	2
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	F06
Within 8" of Joint:	YES
Remarks:	



Code: **SAP**
Description: **Surface Damage Aggregate Projecting**

Distance (ft): **149.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **149.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks:



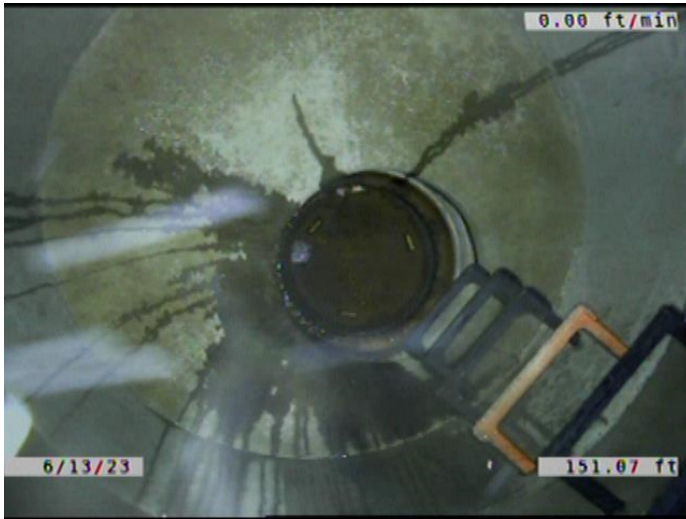
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **149.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F05**
Within 8" of Joint: **YES**
Remarks:



Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **149.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **F08**
Within 8" of Joint: **NO**
Remarks:



Code:	AMH
Description:	Manhole
Distance (ft):	151.1
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:	M-902-032A