

Profile/Photo Observation Report

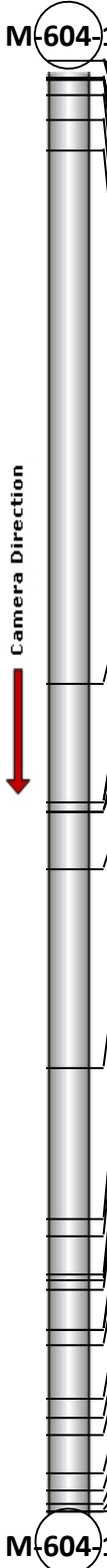


Date:	04/25/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	254.4	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Jen Costello	PSR:	P-604-120-121
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	N Lake Park Ave	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Other	Tape/Media #:	
Purpose:	Not Known	Dia/Height:	8"
Use:	Sanitary	Material:	CP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Upstream
US MH:	M-604-120	DS MH:	M-604-121
		Total Length Surveyed (ft):	244.6

O&M Index:	1.80	O&M Quick:	4132	O&M Rating:	27.00
Structural Index:	3.00	Structural Quick:	5142	Structural Rating:	177.00
Overall Index:	2.76	Overall Quick:	5143	Overall Rating:	204.00

	Position	Code	Observation	Video (sec)	Grade
 Camera Direction	M-604-121				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	.0	SAP(S01)	Surface Aggregate Projecting	33	S 3
	2.9	LL	Alignment Left	50	M 1
	2.9	FL	Fracture Longitudinal	61	S 3
	3.3	FL	Fracture Longitudinal	73	S 3
	3.3	SSS	Surface Spalling	84	S 2
	6.7	FL	Fracture Longitudinal	103	S 3
	10.0	OBZ	Obstacle Other	123	M 2
	15.1	MGO	General Observation	149	NA
	105.0	FC	Fracture Circumferential	344	S 2
	124.9	RPPD	Repair Patch Defective	400	S 4
	124.9	HVV	Hole Void Visible	411	S 5
	126.8	JOM	Joint Offset Medium	431	S 1
	126.8	FL	Fracture Longitudinal	442	S 3
	136.4	FM	Fracture Multiple	477	S 4
	169.9	TFA	Tap Factory Active	558	NA
	195.4	RMJ	Roots Medium Joint	623	M 3
	198.3	RFJ	Roots Fine Joint	645	M 1
	204.6	RFJ	Roots Fine Joint	673	M 1
	205.5	TF	Tap Factory	689	NA
	207.1	DAGS	Deposits Attached Grease	706	M 2
	213.9	DAR	Deposits Attached Ragging	735	M 2
	213.9	IW	Infil Weeper	746	M 2
	216.7	IW	Infil Weeper	768	M 2
	225.6	RFJ	Roots Fine Joint	802	M 1
	228.9	RFJ	Roots Fine Joint	824	M 1
	231.7	RFJ	Roots Fine Joint	846	M 1
	238.2	RMJ	Roots Medium Joint	875	M 3
	241.2	RFJ	Roots Fine Joint	897	M 1
	243.2	RBJ	Roots Ball Joint	915	M 4
	244.6	MSA	Abandoned Survey	929	NA
	244.6	SAP(F01)	Surface Aggregate Projecting	941	S 3
	M-604-120				

Code: **AMH**
Description: **Manhole**

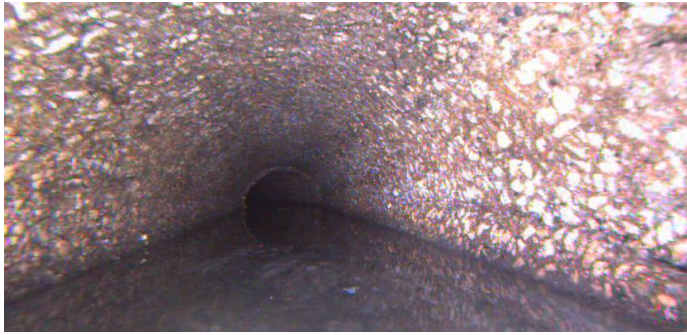


Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **M-604-121**

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



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



Code:	SAP
Description:	Surface Aggregate Projecting
Distance (ft):	.0
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S01
Within 8" of Joint:	
Remarks:	



Code:	LL
Description:	Alignment Left
Distance (ft):	2.9
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

Code: **FL**
Description: **Fracture Longitudinal**



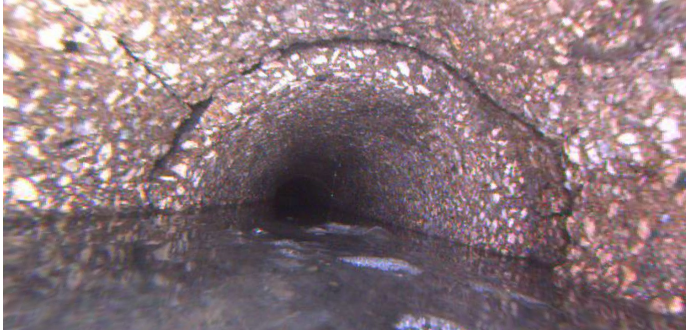
Distance (ft): **2.9**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **FL**
Description: **Fracture Longitudinal**



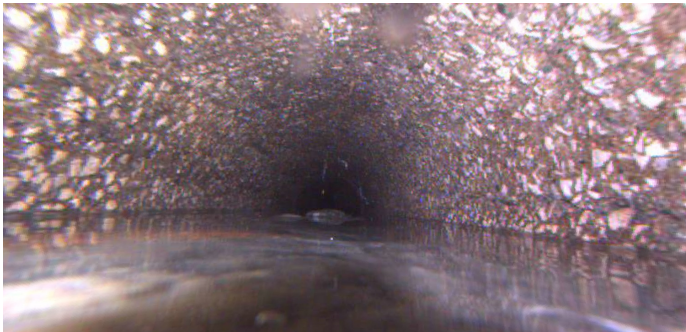
Distance (ft): **3.3**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **SSS**
Description: **Surface Spalling**



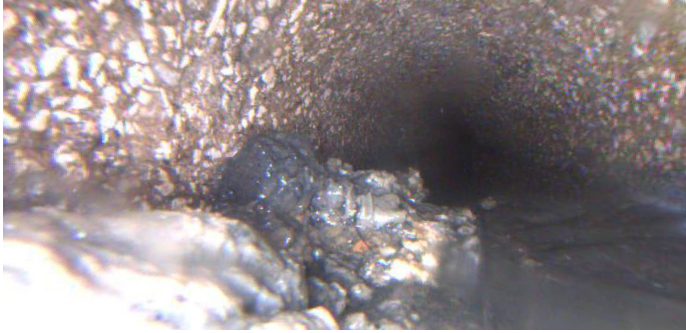
Distance (ft): **3.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **1**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **FL**
Description: **Fracture Longitudinal**



Distance (ft): **6.7**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **OBZ**
Description: **Obstacle Other**



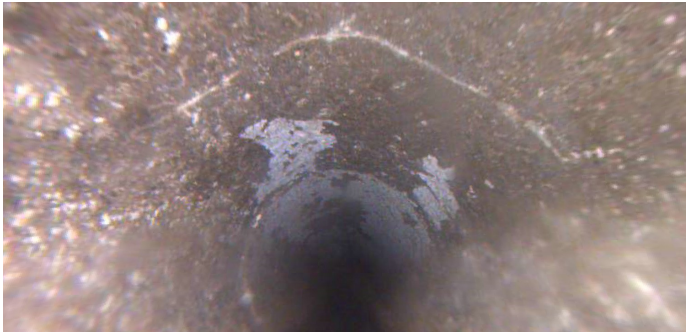
Distance (ft): **10.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **3**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **MISC**

Code: **MGO**
Description: **General Observation**



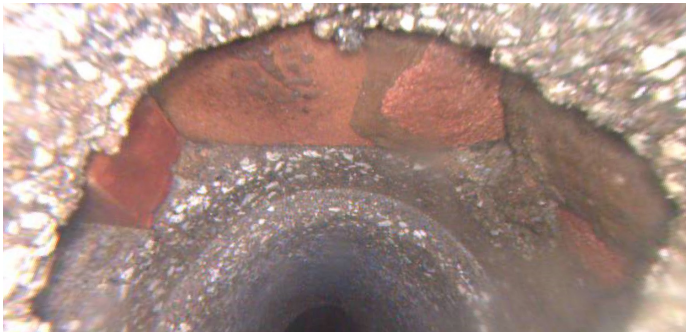
Distance (ft): **15.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **REAR CAMERA**

Code: **FC**
Description: **Fracture Circumferential**



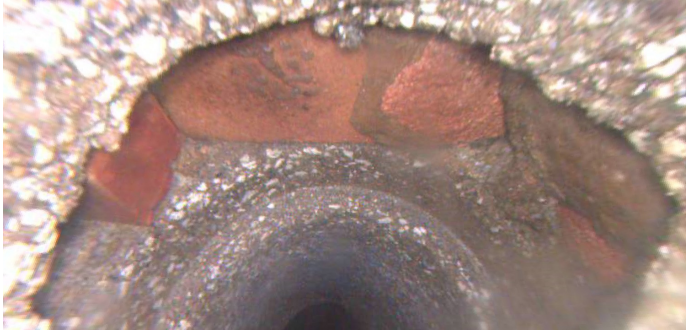
Distance (ft): **105.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **RPPD**
Description: **Repair Patch Defective**



Distance (ft): **124.9**
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: **BRICK**

Code: **HVV**
Description: **Hole Void Visible**



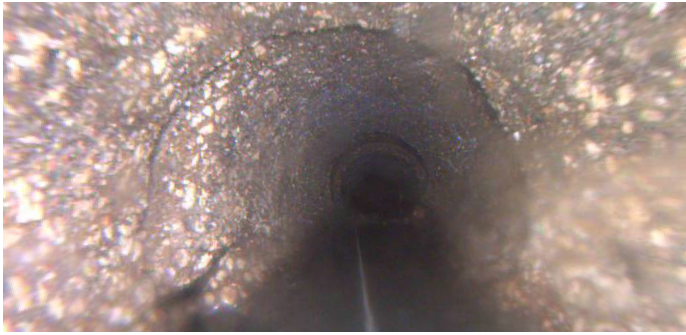
Distance (ft): **124.9**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **JOM**
Description: **Joint Offset Medium**



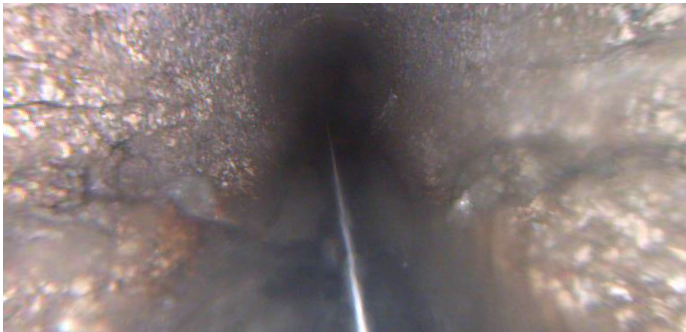
Distance (ft): **126.8**
Structural Grade: **1**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **FL**
Description: **Fracture Longitudinal**



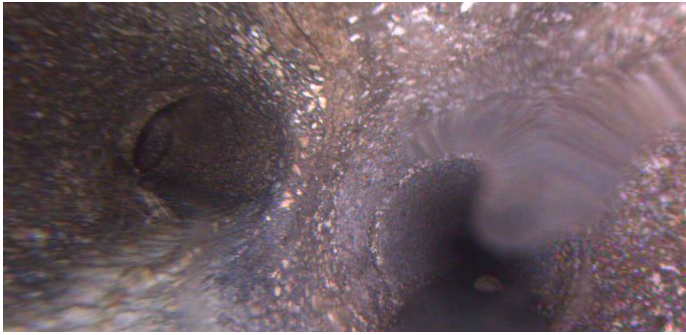
Distance (ft): **126.8**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **4**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **FM**
Description: **Fracture Multiple**



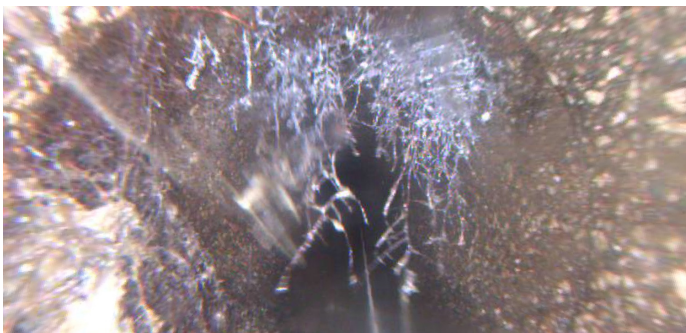
Distance (ft): **136.4**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **TFA**
Description: **Tap Factory Active**



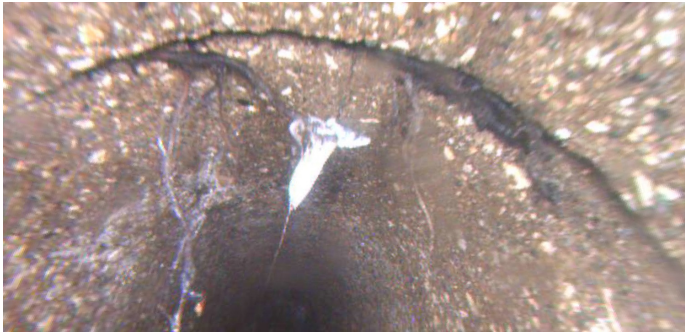
Distance (ft): **169.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **9**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **RMJ**
Description: **Roots Medium Joint**



Distance (ft): **195.4**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



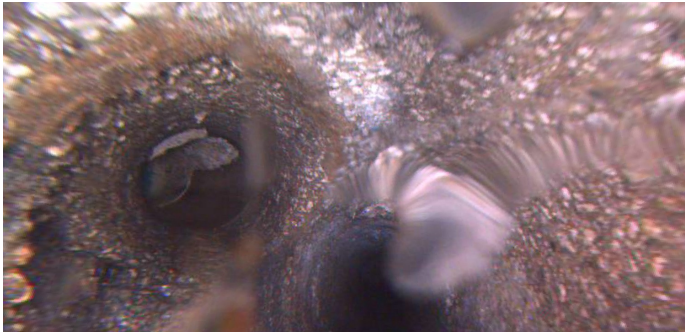
Distance (ft): **198.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **11**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **204.6**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



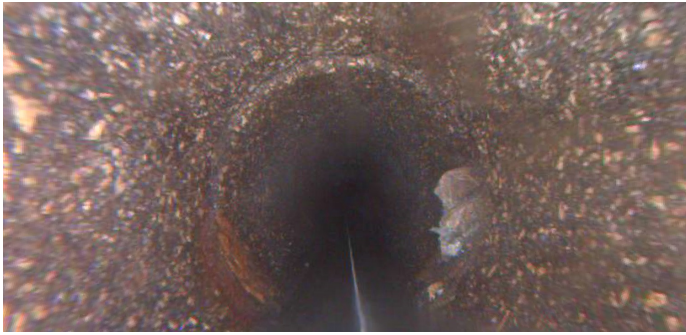
Distance (ft): **205.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **DAGS**
Description: **Deposits Attached Grease**



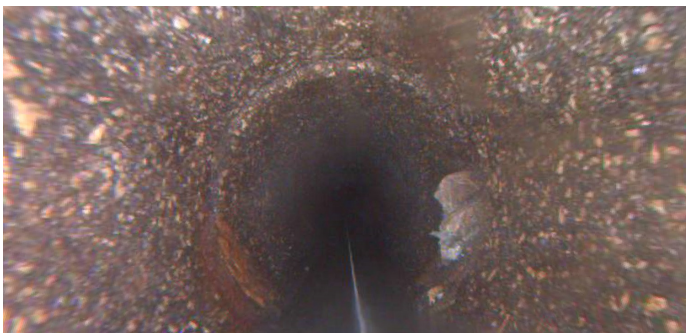
Distance (ft): **207.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **12**
Clock To: **1**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **DAR**
Description: **Deposits Attached Ragging**



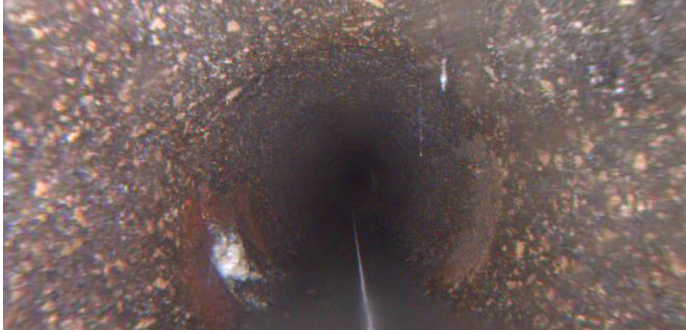
Distance (ft): **213.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **IW**
Description: **Infil Weeper**



Distance (ft): **213.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **3**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **IW**
Description: **Infil Weeper**



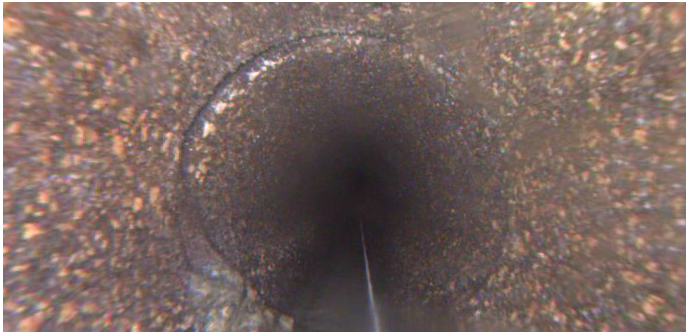
Distance (ft): **216.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **225.6**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **1**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



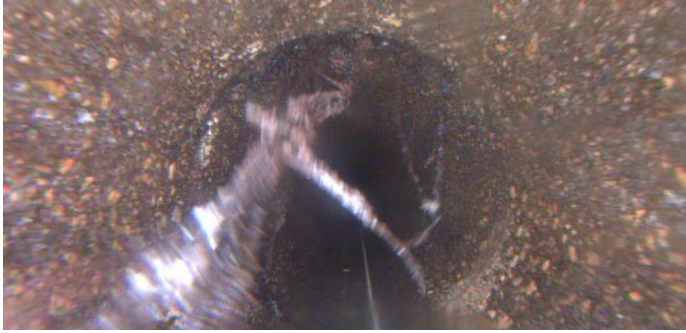
Distance (ft): **228.9**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **2**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



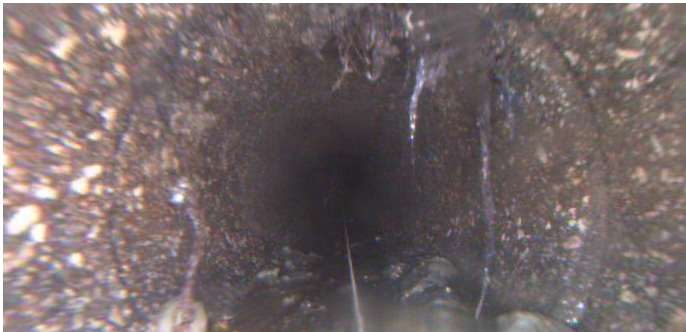
Distance (ft): **231.7**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **RMJ**
Description: **Roots Medium Joint**



Distance (ft): **238.2**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **241.2**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **RBJ**
Description: **Roots Ball Joint**



Distance (ft): **243.2**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent: **90.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **MSA**
Description: **Abandoned Survey**



Distance (ft): **244.6**
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: **ROOTS**



Code:	SAP
Description:	Surface Aggregate Projecting
Distance (ft):	244.6
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F01
Within 8" of Joint:	
Remarks:	