

Profile/Photo Observation Report

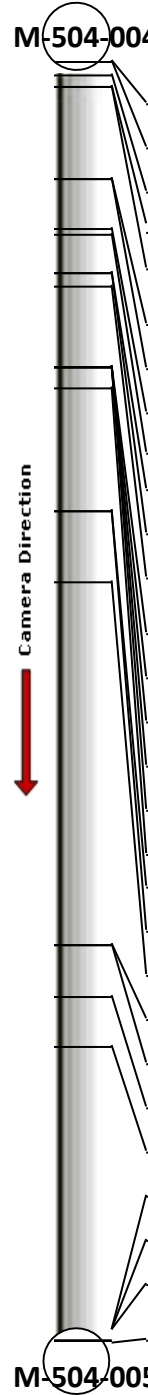


Date:	04/25/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	161.3	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Jen Costello	PSR:	P-504-005-004
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	N WISCONSIN ST & W HOME AVE	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Light Highway	Tape/Media #:	
Purpose:	Not Known	Dia/Height:	12"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Downstream
US MH:	M-504-004	DS MH:	M-504-005
		Total Length Surveyed (ft):	143.9

O&M Index:	2.24	O&M Quick:	3C2K	O&M Rating:	190.00
Structural Index:	4.00	Structural Quick:	4D00	Structural Rating:	112.00
Overall Index:	2.67	Overall Quick:	4D3C	Overall Rating:	302.00

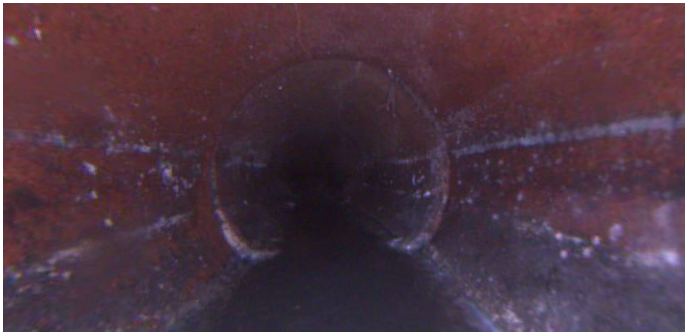
	Position	Code	Observation	Video (sec)	Grade
	M-504-004				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	1.5	RFJ	Roots Fine Joint	36	M 1
	4.0	RMJ(S02)	Roots Medium Joint	52	M 3
	4.0	FM(S01)	Fracture Multiple	63	S 4
	13.1	RMJ	Roots Medium Joint	93	M 3
	13.1	IW	Infil Weeper	105	M 2
	18.8	ID	Infil Dripper	127	M 3
	19.9	RFB	Roots Fine Barrel	141	M 2
	25.1	ID	Infil Dripper	163	M 3
	25.1	RFB	Roots Fine Barrel	174	M 2
	26.6	DAZ	Deposits Attached Other	189	M 2
	34.2	TFD	Tap Factory Defective	217	M 2
	34.2	DAE	Deposits Attached Encrustation	228	M 2
	34.3	RMJ(F02)	Roots Medium Joint	242	M 3
	34.3	DAE(S06)	Deposits Attached Encrustation	253	M 2
	34.3	IW(S03)	Infil Weeper	264	M 2
	36.6	RFB(S04)	Roots Fine Barrel	280	M 2
	51.7	RMJ	Roots Medium Joint	322	M 3
	51.7	RMJ	Roots Medium Joint	333	M 3
	59.7	RMJ(S05)	Roots Medium Joint	361	M 3
	100.6	RFB(F04)	Roots Fine Barrel	454	M 2
	100.6	RMJ(F05)	Roots Medium Joint	465	M 3
	106.3	ID	Infil Dripper	488	M 3
	112.0	ID	Infil Dripper	511	M 3
	143.9	DAE(F06)	Deposits Attached Encrustation	586	M 2
	143.9	FM(F01)	Fracture Multiple	598	S 4
	143.9	IW(F03)	Infil Weeper	609	M 2
	143.9	MSA	Abandoned Survey	620	NA
	M-504-005				

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



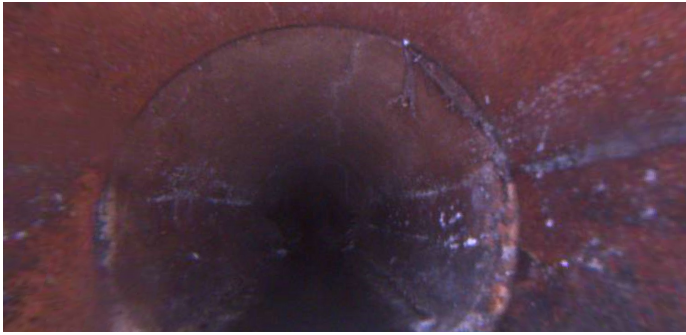
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **M-504-004**

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



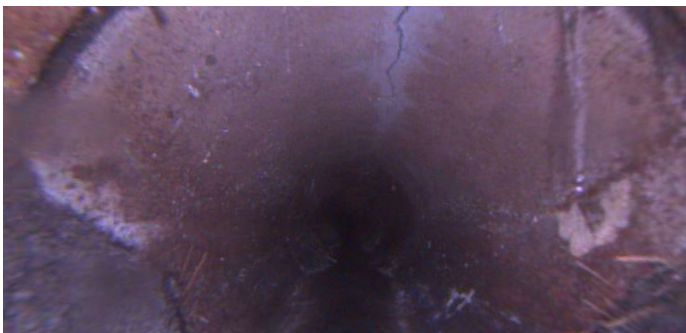
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **1.5**
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**



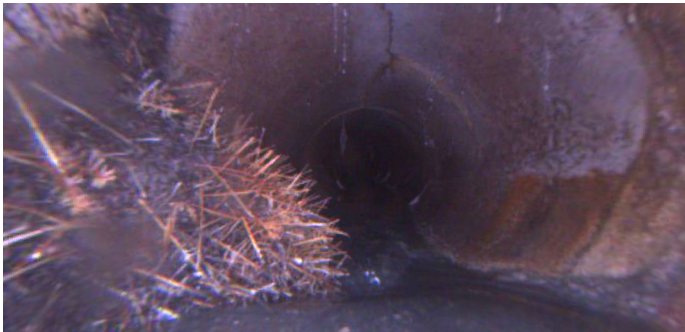
Distance (ft): **4.0**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks:

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



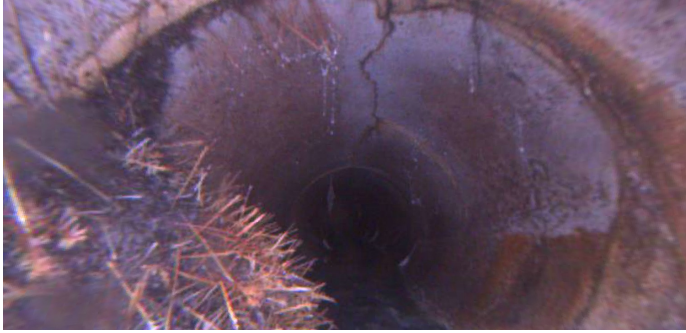
Distance (ft): **4.0**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **13.1**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **7**
Clock To: **9**
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



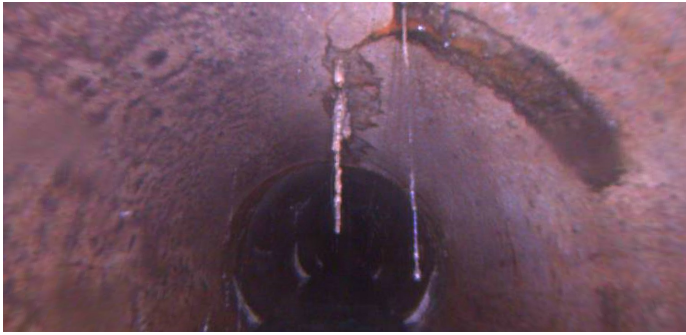
Distance (ft): **13.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **3**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **ID**
Description: **Infil Dripper**



Distance (ft): **18.8**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **RFB**
Description: **Roots Fine Barrel**



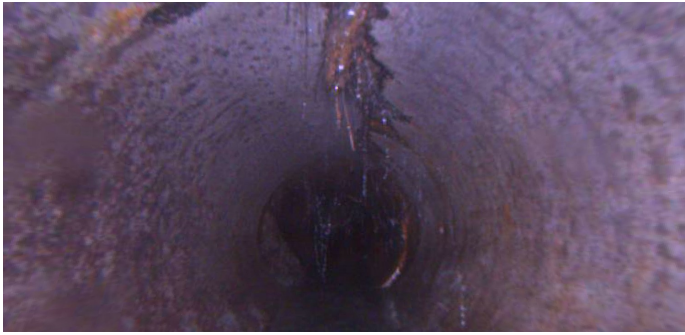
Distance (ft): **19.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **ID**
Description: **Infil Dripper**



Distance (ft): **25.1**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **RFB**
Description: **Roots Fine Barrel**



Distance (ft): **25.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **DAZ**
Description: **Deposits Attached Other**



Distance (ft): **26.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **10**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **TFD**
Description: **Tap Factory Defective**



Distance (ft): **34.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **fractured**

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



Distance (ft): **34.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **1**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **34.3**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **34.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S06**
Within 8" of Joint: **YES**
Remarks:

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



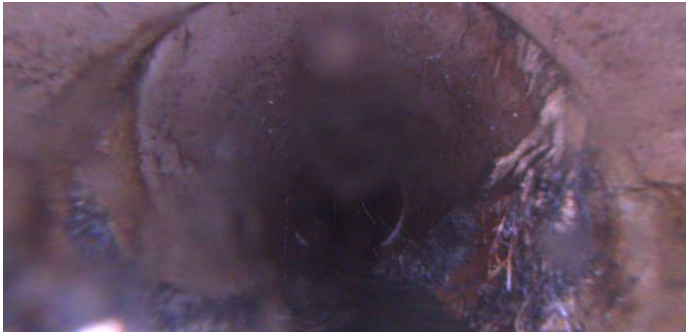
Distance (ft): **34.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S03**
Within 8" of Joint: **YES**
Remarks:

Code: **RFB**
Description: **Roots Fine Barrel**



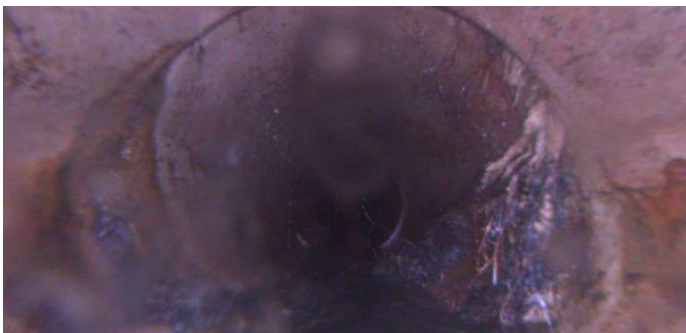
Distance (ft): **36.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S04**
Within 8" of Joint: **NO**
Remarks:

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



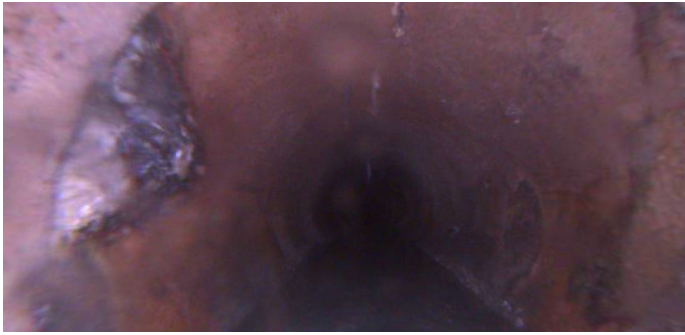
Distance (ft): **51.7**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **51.7**
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: **RMJ**
Description: **Roots Medium Joint**



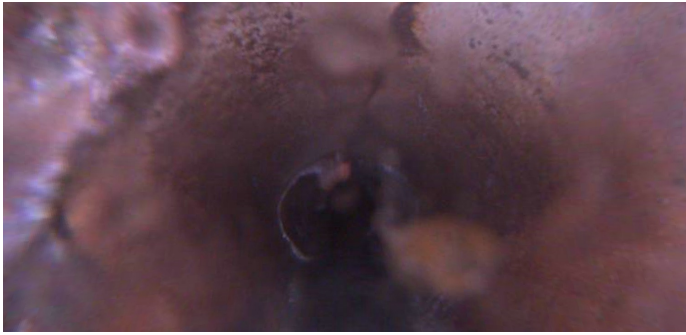
Distance (ft): **59.7**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **10**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S05**
Within 8" of Joint: **YES**
Remarks:

Code: **RFB**
Description: **Roots Fine Barrel**



Distance (ft): **100.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F04**
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **100.6**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **10**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F05**
Within 8" of Joint: **YES**
Remarks:

Code: **ID**
Description: **Infil Dripper**



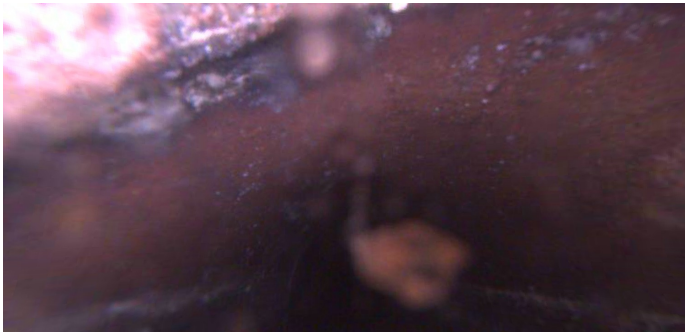
Distance (ft): **106.3**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: ID
Description: Infil Dripper



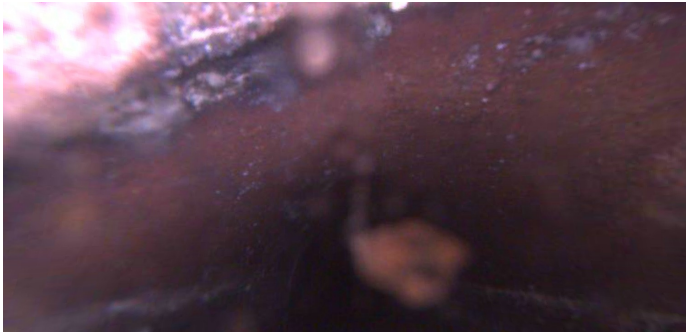
Distance (ft): 112.0
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 12
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: YES
Remarks:

Code: DAE
Description: Deposits Attached Encrustation



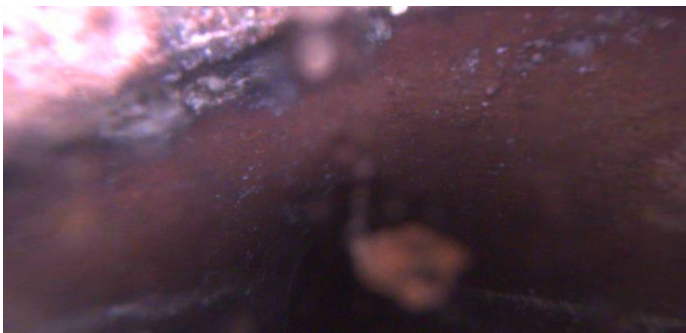
Distance (ft): 143.9
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 4
1st Value:
2nd Value:
Value Percent: 5.000
Continuous Index: F06
Within 8" of Joint: YES
Remarks:

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

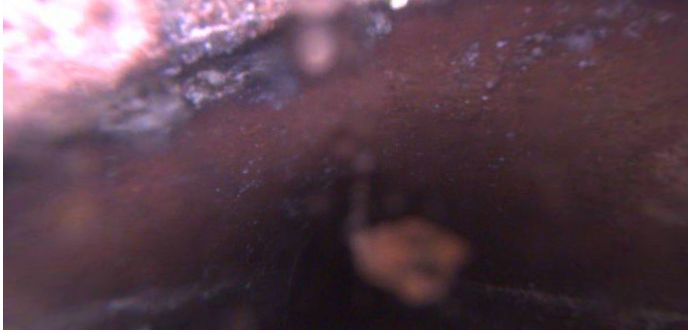


Distance (ft): **143.9**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **143.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F03**
Within 8" of Joint: **YES**
Remarks:



Code:	MSA
Description:	Abandoned Survey
Distance (ft):	143.9
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:	dae