

## Profile/Photo Observation Report

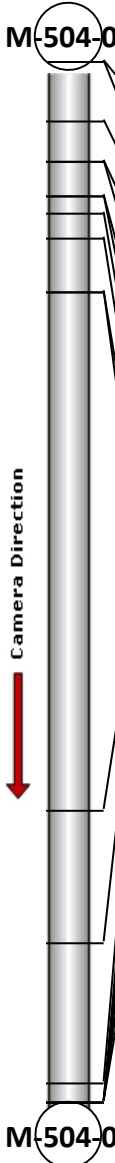


Date:	<b>04/25/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>157.2</b>	Owner:	<b>NA</b>	Pre Clean:	<b>Not Known</b>
P.O.#:		Surveyor:	<b>Jen Costello</b>	PSR:	<b>P-504-006-005</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>Summerlin</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Light Highway</b>	Tape/Media #:	
Purpose:	<b>Not Known</b>	Dia/Height:	<b>12"</b>
Use:	<b>Sanitary</b>	Material:	<b>VCP</b>
Drain Area:	<b>NA</b>	Lining:	
Category:	<b>NA</b>		
Comment:			

Location Details:		Direction of Survey:	<b>Upstream</b>
US MH:	<b>M-504-005</b>	DS MH:	<b>M-504-006</b>
		Total Length Surveyed (ft):	<b>106.3</b>

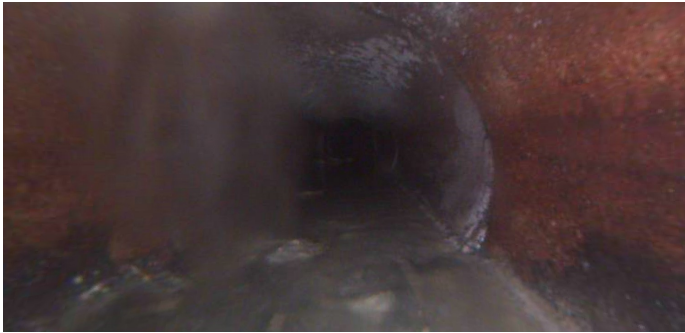
O&M Index:	<b>2.32</b>	O&M Quick:	<b>3B2G</b>	O&M Rating:	<b>137.00</b>
Structural Index:	<b>3.05</b>	Structural Quick:	<b>413C</b>	Structural Rating:	<b>64.00</b>
Overall Index:	<b>2.51</b>	Overall Quick:	<b>413F</b>	Overall Rating:	<b>201.00</b>

	Position	Code	Observation	Video (sec)	Grade
	M-504-006				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	6.1	DAE	Deposits Attached Encrustation	47	M 2
	10.2	FL	Fracture Longitudinal	68	S 3
	10.2	DAE	Deposits Attached Encrustation	80	M 2
	13.7	FL(S01)	Fracture Longitudinal	99	S 3
	13.7	DAE(S02)	Deposits Attached Encrustation	110	M 2
	15.5	IW	Infil Weeper	126	M 2
	18.0	ID	Infil Dripper	143	M 3
	23.6	IW(S03)	Infil Weeper	166	M 2
	23.6	RMJ(S04)	Roots Medium Joint	177	M 3
	76.4	IW	Infil Weeper	294	M 2
	90.1	FM	Fracture Multiple	333	S 4
	104.3	RMJ	Roots Medium Joint	373	M 3
	106.3	DAE(F02)	Deposits Attached Encrustation	388	M 2
	106.3	IW(F03)	Infil Weeper	399	M 2
	106.3	RMJ(F04)	Roots Medium Joint	411	M 3
	106.3	FL(F01)	Fracture Longitudinal	422	S 3
	106.3	MSA	Abandoned Survey	433	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-504-005**

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Code:	<b>MWL</b>
Description:	<b>Water Level</b>



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

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Code:	<b>DAE</b>
Description:	<b>Deposits Attached Encrustation</b>



Distance (ft):	<b>6.1</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>1</b>
Clock To:	<b>4</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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



Distance (ft): **10.2**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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



Distance (ft): **10.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **10**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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



Distance (ft): **13.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **13.7**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **15.5**  
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:  
Remarks:

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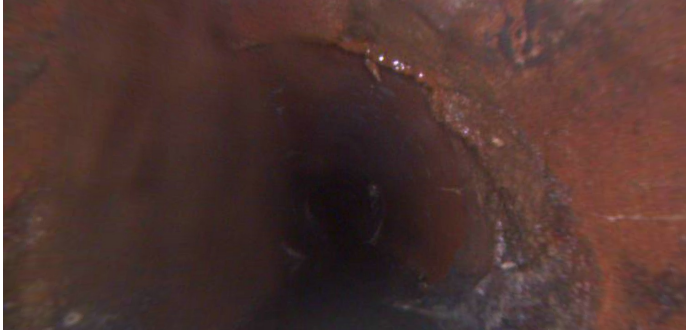
Code: **ID**  
Description: **Infil Dripper**



Distance (ft): **18.0**  
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:

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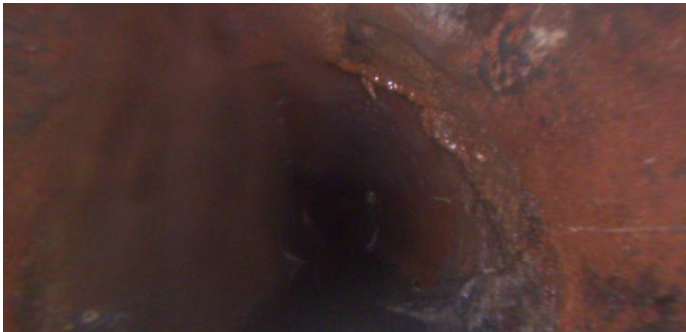
Code: **IW**  
Description: **Infil Weeper**



Distance (ft): **23.6**  
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:

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



Distance (ft): **23.6**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S04**  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **76.4**  
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:  
Remarks:

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

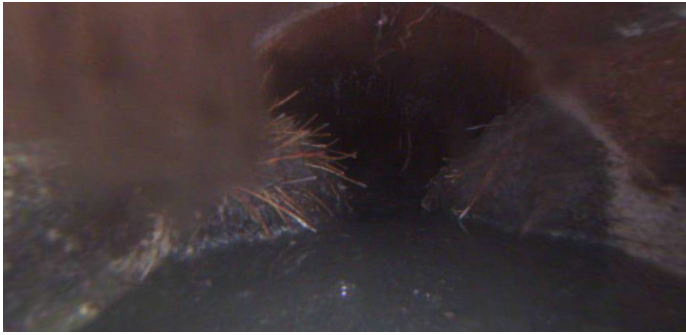


Distance (ft): **90.1**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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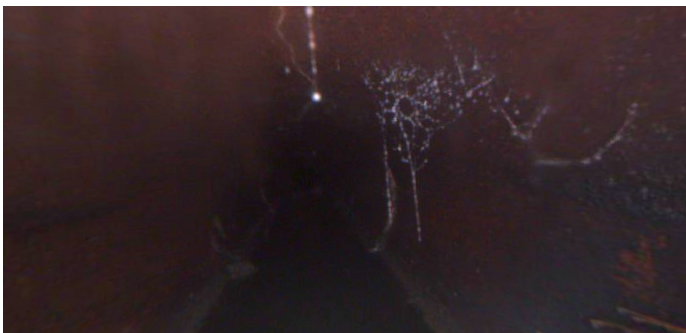
Code: **RMJ**  
Description: **Roots Medium Joint**



Distance (ft): **104.3**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **40.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **106.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks:

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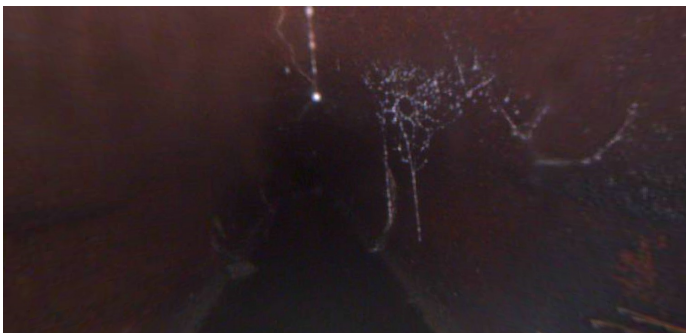
Code: **IW**  
Description: **Infil Weeper**



Distance (ft): **106.3**  
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:

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



Distance (ft): **106.3**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F04**  
Within 8" of Joint: **YES**  
Remarks:

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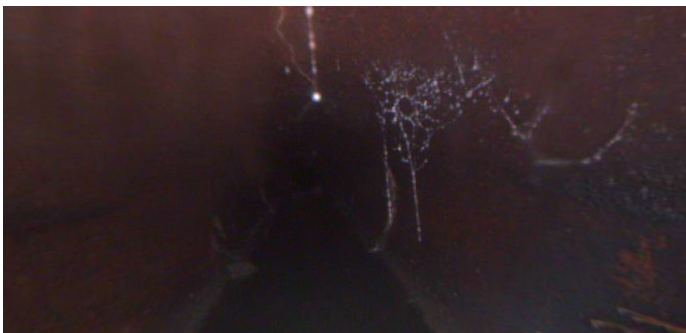
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **106.3**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **106.3**  
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**