

Profile/Photo Observation Report

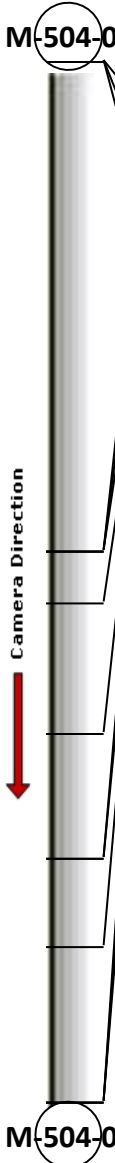


Date:	04/18/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	112.7	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Byrd Fitzgerald	PSR:	P-504-014-013
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	N DELAWARE ST	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-504-013	DS MH:	M-504-014
		Total Length Surveyed (ft):	20.0

O&M Index:	2.17	O&M Quick:	4131	O&M Rating:	13.00
Structural Index:	3.33	Structural Quick:	4132	Structural Rating:	10.00
Overall Index:	2.56	Overall Quick:	4233	Overall Rating:	23.00

	Position	Code	Observation	Video (sec)	Grade
	.0	FS	Fracture Spiral	10	S 3
	.0	AMH	Manhole	22	NA
	.0	MWL	Water Level	33	NA
	9.4	TBD	Tap Break-in Defective	63	M 3
	9.4	RFC	Roots Fine Connection	75	M 1
	9.4	FL	Fracture Longitudinal	86	S 3
	10.4	RMB	Roots Medium Barrel	101	M 4
	12.9	FM(S01)	Fracture Multiple	117	S 4
	15.3	RFB	Roots Fine Barrel	134	M 2
	15.3	RFJ(S02)	Roots Fine Joint	145	M 1
	17.0	RFB	Roots Fine Barrel	160	M 2
	20.0	FM(F01)	Fracture Multiple	177	S 4
	20.0	MSA	Abandoned Survey	188	NA
	20.0	RFJ(F02)	Roots Fine Joint	199	M 1

Code: **FS**
Description: **Fracture Spiral**



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

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-504-013

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:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

Code: **TBD**
Description: **Tap Break-in Defective**



Distance (ft): **9.4**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **11**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **roots**

Code: **RFC**
Description: **Roots Fine Connection**



Distance (ft): **9.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **9.4**
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:
Remarks:

Code: **RMB**
Description: **Roots Medium Barrel**



Distance (ft): **10.4**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **7**
Clock To: **9**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



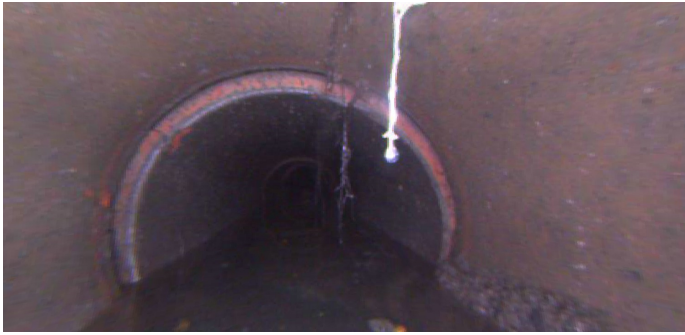
Distance (ft): **12.9**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



Distance (ft): **15.3**
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: **RFJ**
Description: **Roots Fine Joint**



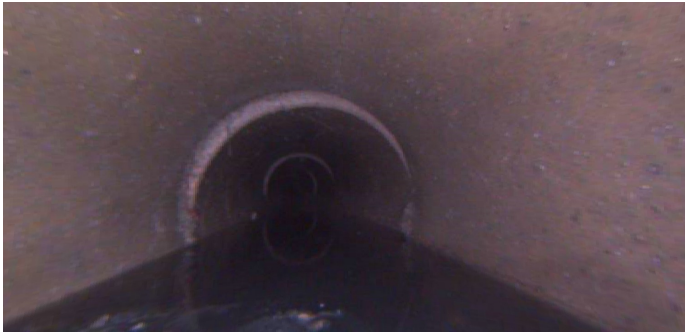
Distance (ft): **15.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **1**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



Distance (ft): **17.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **1**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **20.0**
Structural Grade: **4**
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: **wandering**

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



Distance (ft): **20.0**
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: **no blockage**



Code:	RFJ
Description:	Roots Fine Joint
Distance (ft):	20.0
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	1
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F02
Within 8" of Joint:	YES
Remarks:	wandering