

Profile/Photo Observation Report

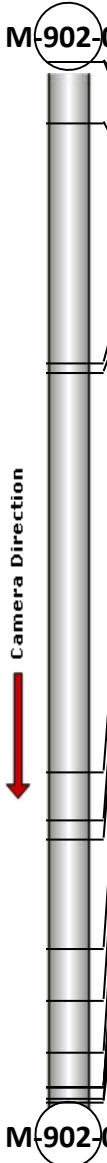


Date:	03/20/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	316.7	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	John Kuglmaier	PSR:	P-902-025-024
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	Randolph Pl	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Main Highway - Suburban/Rural	Tape/Media #:	
Purpose:	Resurvey	Dia/Height:	10"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Downstream
US MH:	M-902-025	DS MH:	M-902-024
		Total Length Surveyed (ft):	199.9

O&M Index:	1.96	O&M Quick:	412C	O&M Rating:	53.00
Structural Index:	4.00	Structural Quick:	4100	Structural Rating:	4.00
Overall Index:	2.04	Overall Quick:	422C	Overall Rating:	57.00

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	11.7	MGO	General Observation	58	NA
	57.8	TF	Tap Factory	162	NA
	59.7	TB	Tap Break-in	177	NA
	136.5	DAGS(S01)	Deposits Attached Grease	342	M 2
	145.5	FM	Fracture Multiple	372	S 4
	149.5	DSF(S02)	Deposits Settled Fine	392	M 2
	170.3	RFJ	Roots Fine Joint	445	M 1
	180.4	RFJ	Roots Fine Joint	476	M 1
	190.2	RFJ	Roots Fine Joint	507	M 1
	197.1	DSF(F02)	Deposits Settled Fine	533	M 2
	197.1	DAGS(F01)	Deposits Attached Grease	544	M 2
	197.1	MGO	General Observation	557	NA
	197.1	DAGS	Deposits Attached Grease	568	M 2
	199.0	RBC	Roots Ball Connection	588	M 4
	199.9	MSA	Abandoned Survey	605	NA

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



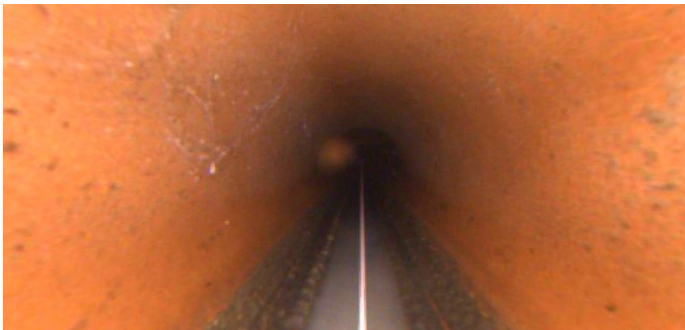
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **M-902-025**

Code:	MWL
Description:	Water Level



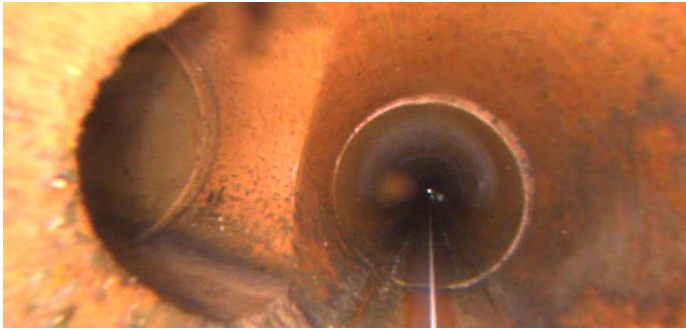
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

Code:	MGO
Description:	General Observation



Distance (ft):	11.7
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:	Switching to rear camera

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



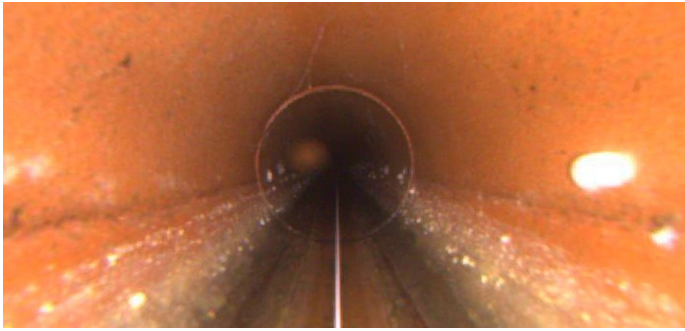
Distance (ft): **57.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **TB**
Description: **Tap Break-in**



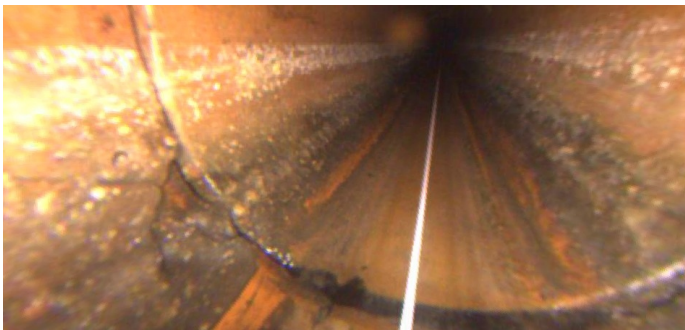
Distance (ft): **59.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



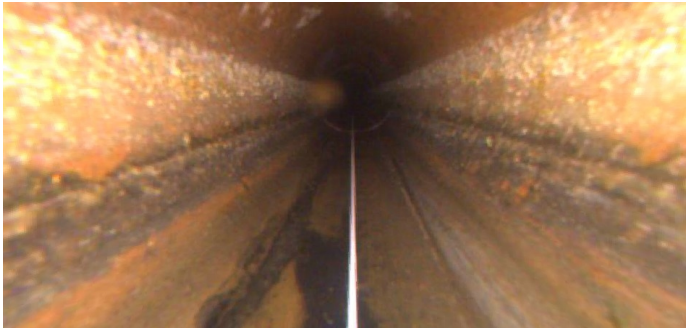
Distance (ft): **136.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **4**
Clock To: **8**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **145.5**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **4**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **DSF**
Description: **Deposits Settled Fine**



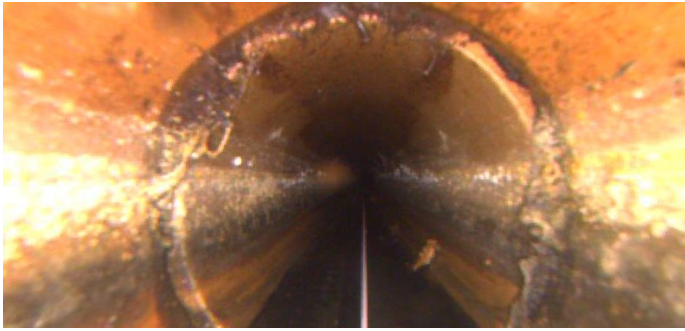
Distance (ft): **149.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **170.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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

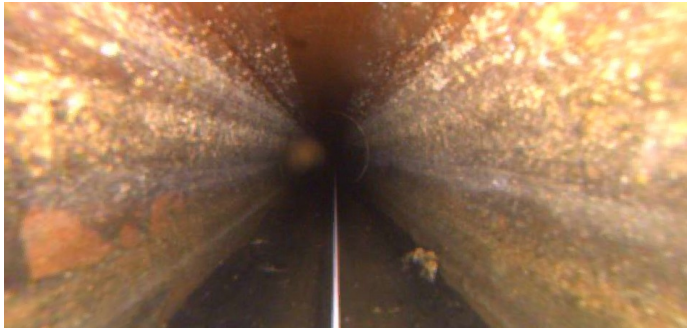


Distance (ft): **180.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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

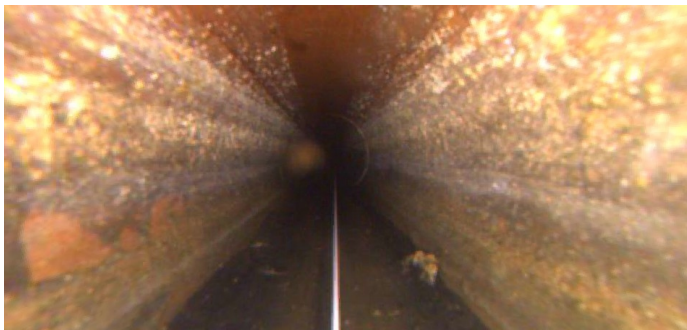


Distance (ft): **190.2**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **9**
Clock To: **10**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **DSF**
Description: **Deposits Settled Fine**

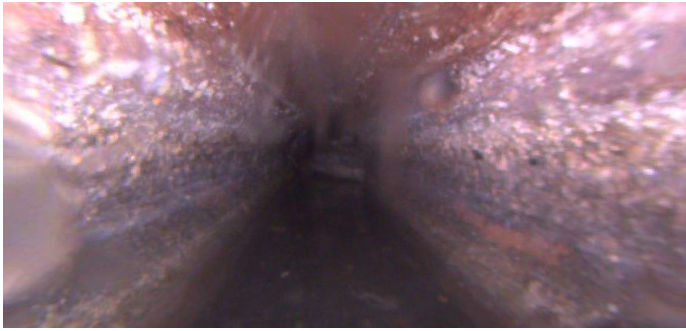
Distance (ft): **197.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks: **Clock positions vary**



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

Distance (ft): **197.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **4**
Clock To: **8**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks: **Clock positions vary**

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



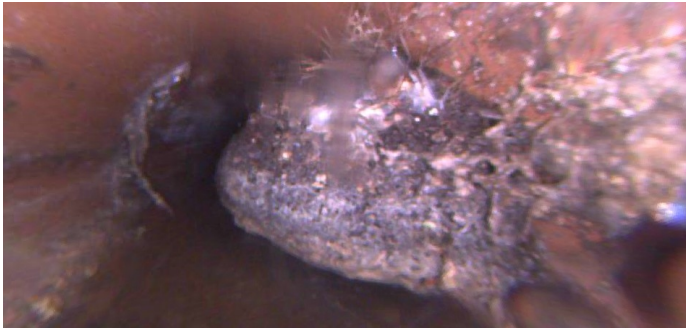
Distance (ft): **197.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **Switching to front camera**

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



Distance (ft): **197.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **RBC**
Description: **Roots Ball Connection**



Distance (ft): **199.0**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **12**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **60.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **199.9**
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: **RBC**