

Profile/Photo Observation Report

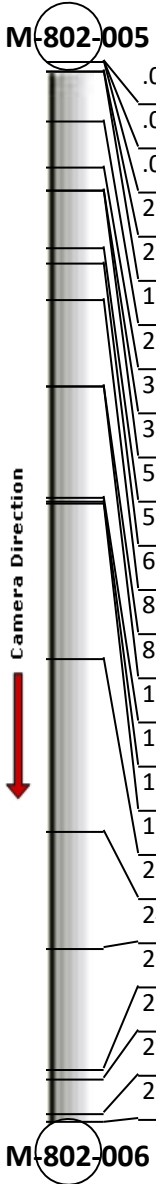


Date:	03/20/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	301.4	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	John Kuglmaier	PSR:	P-802-005-006
Customer:		Clean Date:	01/01/1900	Shape:	C

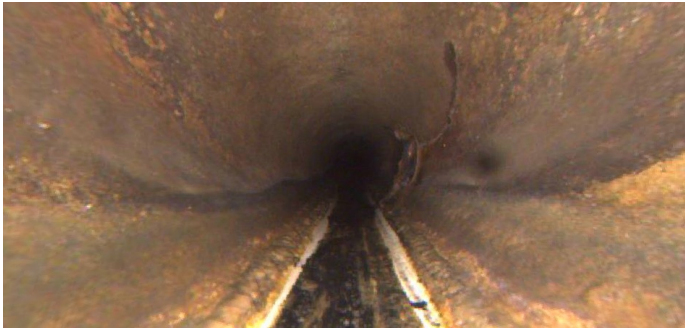
Street:	N HOBART RD	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Main Highway - Suburban/Rural	Tape/Media #:	
Purpose:	Resurvey	Dia/Height:	10"
Use:	Sanitary	Material:	PVC
Drain Area:	NA	Lining:	
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Upstream
US MH:	M-802-006	DS MH:	M-802-005
		Total Length Surveyed (ft):	293.0

O&M Index:	1.98	O&M Quick:	2111	O&M Rating:	103.00
Structural Index:	5.00	Structural Quick:	5100	Structural Rating:	5.00
Overall Index:	2.04	Overall Quick:	5121	Overall Rating:	108.00

	Position	Code	Observation	Video (sec)	Grade
 <p>Camera Direction</p> <p>↓</p>	M-802-005				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	.0	DAZ(S01)	Deposits Attached Other	33	M 2
	2.5	HSV	Hole Soil Visible	49	S 5
	2.5	DAE	Deposits Attached Encrustation	61	M 2
	16.5	RFJ	Roots Fine Joint	101	M 1
	29.3	TF	Tap Factory	138	NA
	35.7	DAZ(F01)	Deposits Attached Other	163	M 2
	35.7	DAGS(S02)	Deposits Attached Grease	174	M 2
	51.5	MWL	Water Level	217	NA
	55.5	DAGS(F02)	Deposits Attached Grease	236	M 2
	65.8	DAGS(S03)	Deposits Attached Grease	268	M 2
	89.9	DAGS(F03)	Deposits Attached Grease	328	M 2
	89.9	DSF(S04)	Deposits Settled Fine	339	M 2
	120.7	TBI	Tap Break-in Intruding	412	M 2
	121.6	DSF(F04)	Deposits Settled Fine	426	M 2
	122.2	DAGS(S05)	Deposits Attached Grease	438	M 2
	164.9	TF	Tap Factory	535	NA
	212.7	TB	Tap Break-in	643	NA
	245.0	DAGS(F05)	Deposits Attached Grease	719	M 2
	278.8	MWL	Water Level	798	NA
	281.1	DAZ(S06)	Deposits Attached Other	814	M 2
	290.7	DAZ(F06)	Deposits Attached Other	845	M 2
	293.0	AMH	Manhole	861	NA
	M-802-006				

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



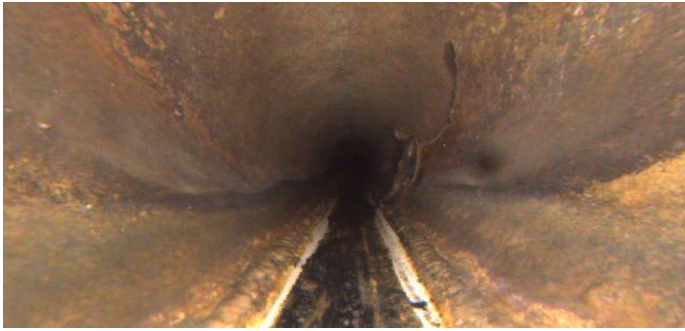
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **M-802-005**

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



Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks: **Mixed materials**

Code: **HSV**
Description: **Hole Soil Visible**



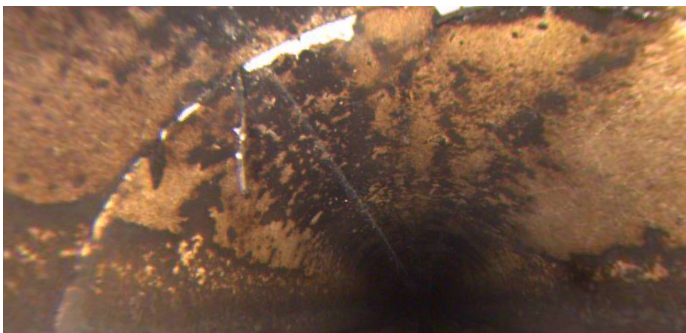
Distance (ft): **2.5**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



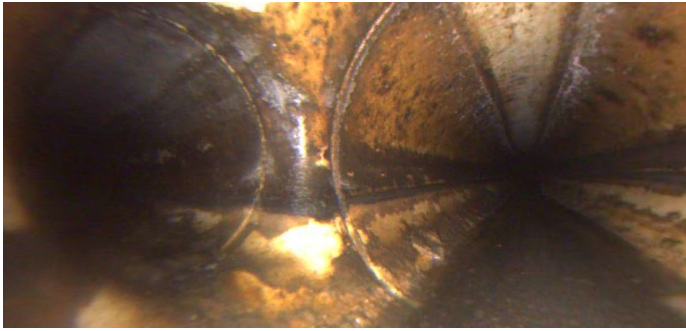
Distance (ft): **2.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **16.5**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **11**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **29.3**
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: **DAZ**
Description: **Deposits Attached Other**



Distance (ft): **35.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks: **Mixed materials / Clock positions vary**

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



Distance (ft): **35.7**
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: **MWL**
Description: **Water Level**



Distance (ft): **51.5**
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: **DAGS**
Description: **Deposits Attached Grease**



Distance (ft): **55.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks: **Clock positions vary**

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



Distance (ft): **65.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **4**
Clock To: **8**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S03**
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **89.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **4**
Clock To: **8**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks: **Clock positions vary**

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



Distance (ft): **89.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S04**
Within 8" of Joint: **NO**
Remarks:

Code: **TBI**
Description: **Tap Break-in Intruding**



Distance (ft): **120.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value: **1.000**
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



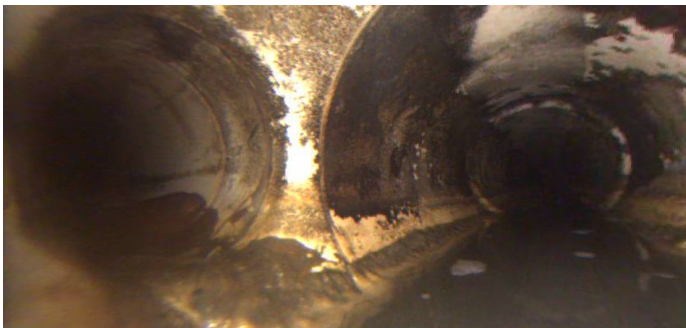
Distance (ft): **121.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F04**
Within 8" of Joint: **NO**
Remarks: **Clock positions vary**

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



Distance (ft): **122.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **4**
Clock To: **8**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S05**
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **164.9**
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: **TB**
Description: **Tap Break-in**



Distance (ft): **212.7**
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): **245.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **4**
Clock To: **8**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F05**
Within 8" of Joint: **NO**
Remarks: **Clock positions vary**

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



Distance (ft): **278.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **35.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **281.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S06**
Within 8" of Joint: **NO**
Remarks: **Mixed materials**

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



Distance (ft): **290.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F06**
Within 8" of Joint: **NO**
Remarks: **Mixed materials / Clock positions vary**

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



Distance (ft): **293.0**
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-802-006**