

Profile/Photo Observation Report

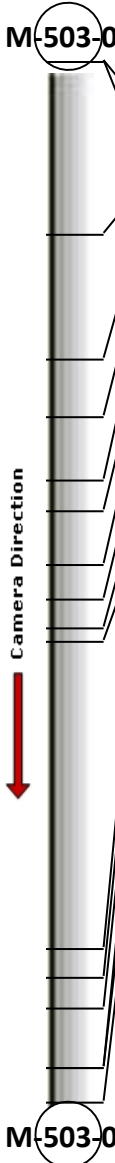


Date:	04/07/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	311.7	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Mark Ruby	PSR:	P-503-041-043
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	N GUYER ST & PENNSYLVANIA ST	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Other	Tape/Media #:	
Purpose:	Not Known	Dia/Height:	10"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Upstream
US MH:	M-503-043	DS MH:	M-503-041
		Total Length Surveyed (ft):	173.5

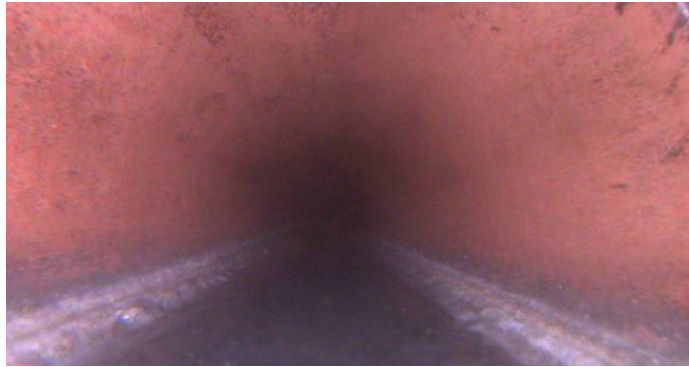
O&M Index:	2.00	O&M Quick:	2500	O&M Rating:	10.00
Structural Index:	3.60	Structural Quick:	4332	Structural Rating:	18.00
Overall Index:	2.80	Overall Quick:	4332	Overall Rating:	28.00

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	28.7	FL	Fracture Longitudinal	90	S 3
	49.6	FM	Fracture Multiple	144	S 4
	59.2	MMC	Material Change	175	NA
	69.8	MMC	Material Change	207	NA
	74.8	FM	Fracture Multiple	229	S 4
	83.9	MMC	Material Change	259	NA
	89.7	MMC	Material Change	282	NA
	94.3	FS	Fracture Spiral	303	S 3
	96.7	FM	Fracture Multiple	320	S 4
	147.9	DAE	Deposits Attached Encrustation	433	M 2
	152.8	DAE	Deposits Attached Encrustation	455	M 2
	157.7	IW	Infil Weeper	476	M 2
	167.7	DAE	Deposits Attached Encrustation	507	M 2
	167.7	IW	Infil Weeper	519	M 2
	173.5	MSA	Abandoned Survey	542	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-503-041**



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

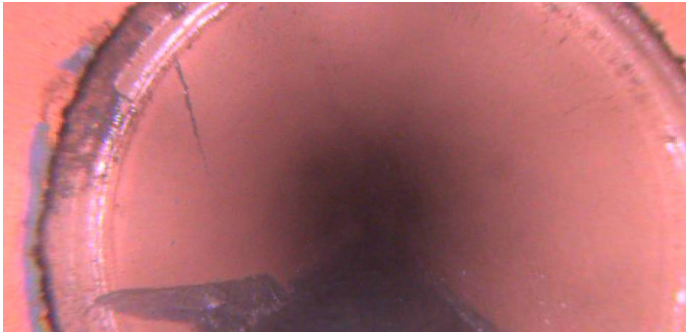
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **28.7**
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: **NO**
Remarks:

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



Distance (ft): **49.6**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **10**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **MMC**
Description: **Material Change**



Distance (ft): **59.2**
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: **PVC**

Code: **MMC**
Description: **Material Change**



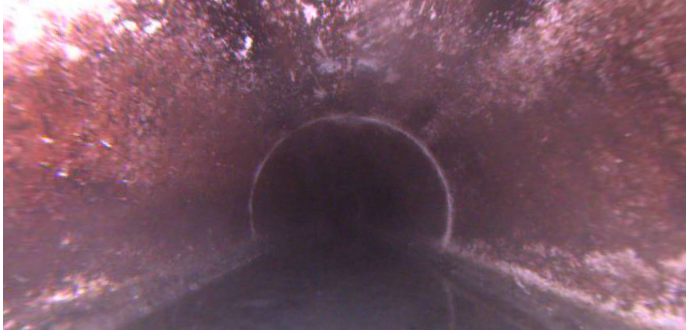
Distance (ft): **69.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **vcp**

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



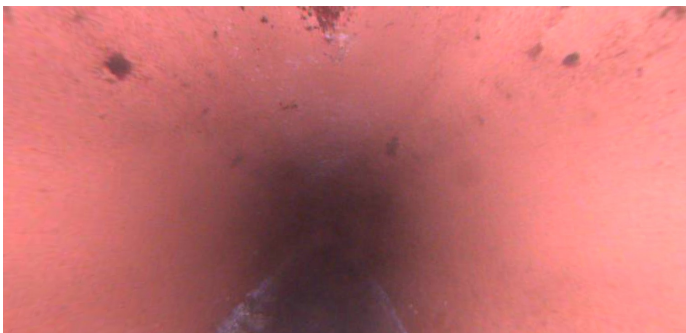
Distance (ft): **74.8**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **MMC**
Description: **Material Change**



Distance (ft): **83.9**
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: **PVC**

Code: **MMC**
Description: **Material Change**



Distance (ft): **89.7**
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: **vcp**

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

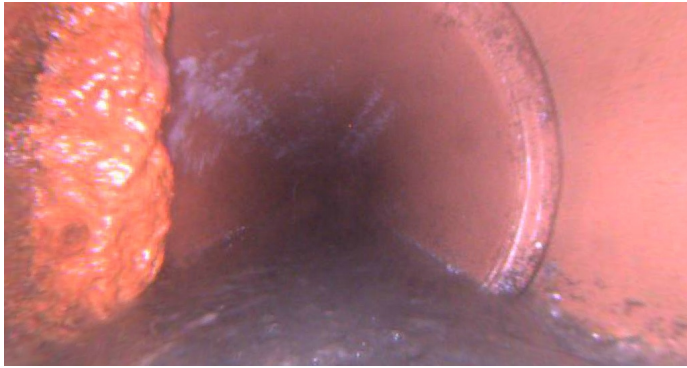


Distance (ft): **94.3**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

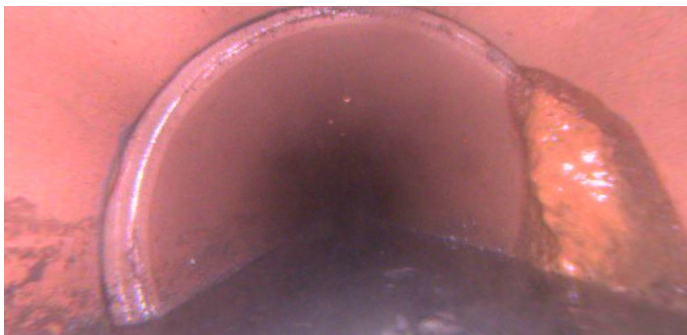
Code: **FM**
Description: **Fracture Multiple**



Distance (ft): **96.7**
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:
Remarks:

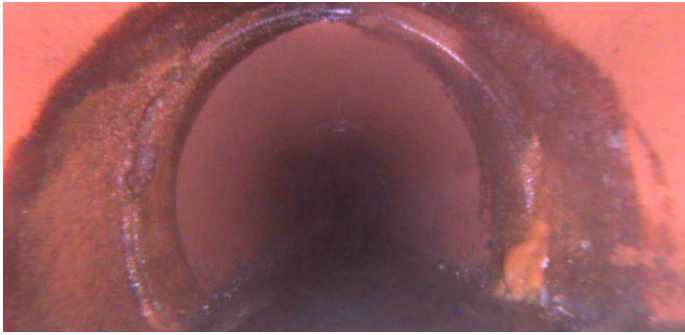


Code:	DAE
Description:	Deposits Attached Encrustation
Distance (ft):	147.9
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	7
Clock To:	11
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



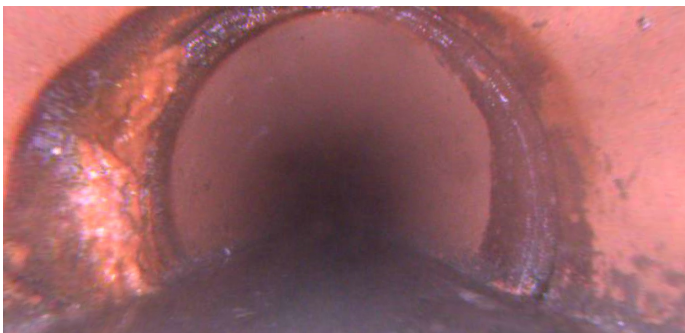
Code:	DAE
Description:	Deposits Attached Encrustation
Distance (ft):	152.8
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	2
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

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



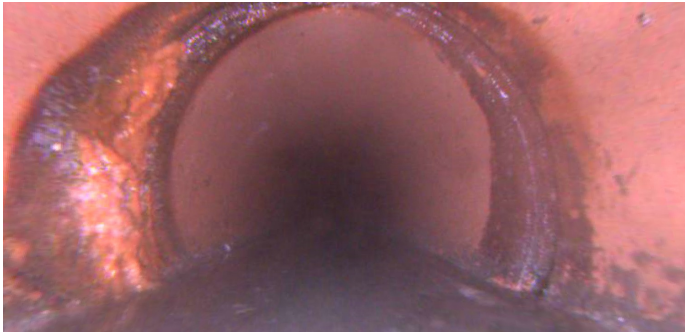
Distance (ft): **157.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



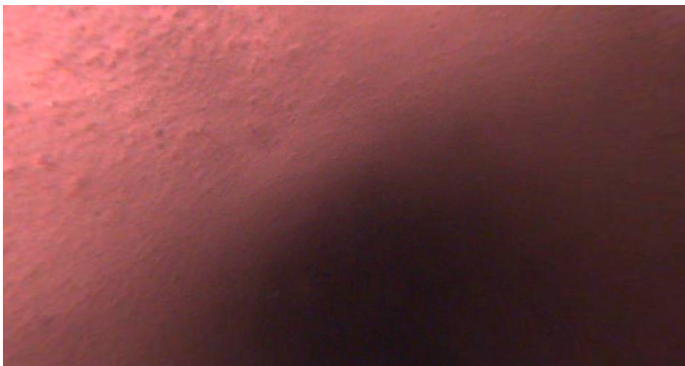
Distance (ft): **167.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **167.7**
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: **YES**
Remarks:

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



Distance (ft): **173.5**
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: **Debris under water**