

Profile/Photo Observation Report

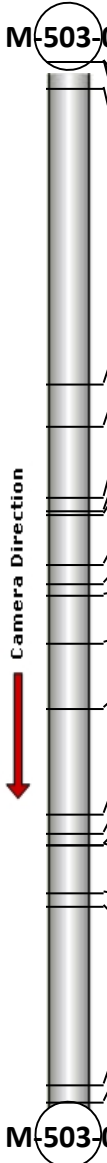


Date:	04/10/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	178.0	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Mark Ruby	PSR:	P-503-021-020
Customer:		Clean Date:	01/01/1900	Shape:	C

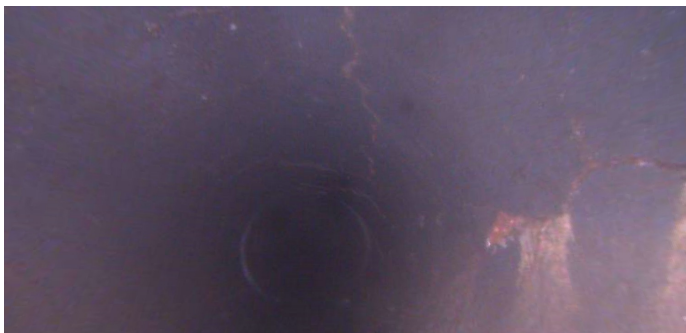
Street:	W 40th ave	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Other	Tape/Media #:	
Purpose:	Not Known	Dia/Height:	10"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Downstream
US MH:	M-503-020	DS MH:	M-503-021
		Total Length Surveyed (ft):	105.7

O&M Index:	2.00	O&M Quick:	2200	O&M Rating:	4.00
Structural Index:	3.40	Structural Quick:	4436	Structural Rating:	34.00
Overall Index:	3.17	Overall Quick:	4436	Overall Rating:	38.00

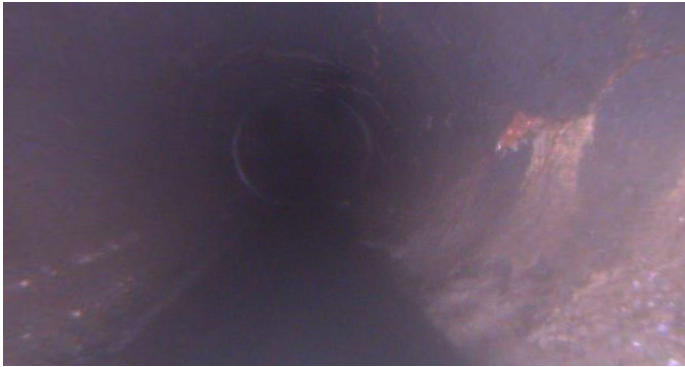
	Position	Code	Observation	Video (sec)	Grade
					
	.0	FM	Fracture Multiple	10	S 4
	.0	AMH	Manhole	22	NA
	.0	MWL	Water Level	33	NA
	2.8	FM	Fracture Multiple	50	S 4
	32.7	CM	Crack Multiple	122	S 3
	37.1	FM	Fracture Multiple	142	S 4
	44.3	TFC	Tap Factory Capped	171	NA
	45.7	FM	Fracture Multiple	189	S 4
	46.1	TFC	Tap Factory Capped	202	NA
	51.0	FL	Fracture Longitudinal	226	S 3
	53.1	MMC	Material Change	246	NA
	54.3	TF	Tap Factory	264	NA
	59.0	MMC	Material Change	290	NA
	65.8	FL(S01)	Fracture Longitudinal	319	S 3
	76.4	TFC	Tap Factory Capped	354	NA
	78.4	TFC	Tap Factory Capped	370	NA
	79.5	DAR	Deposits Attached Ragging	386	M 2
	79.5	TBI	Tap Break-in Intruding	398	M 2
	84.4	TBA	Tap Break-in Active	423	NA
	85.9	FL(F01)	Fracture Longitudinal	442	S 3
	104.0	TFC	Tap Factory Capped	494	NA
	105.7	MSA	Abandoned Survey	513	NA

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



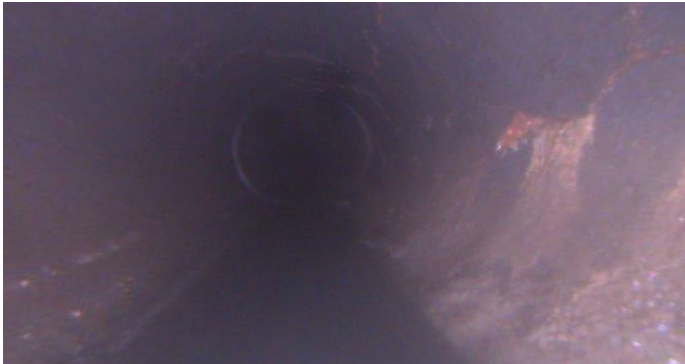
Distance (ft): **.0**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code:	AMH
Description:	Manhole

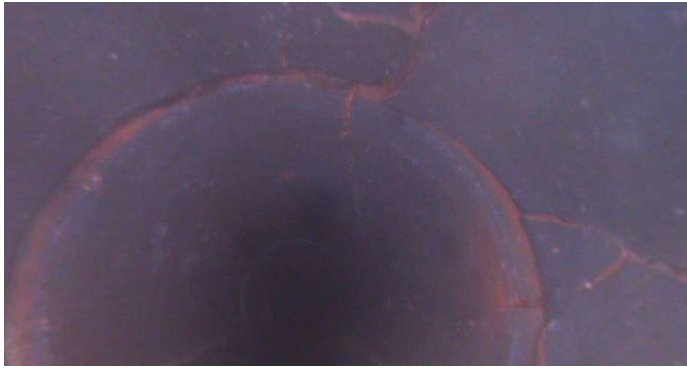


Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	M-503-020

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:	

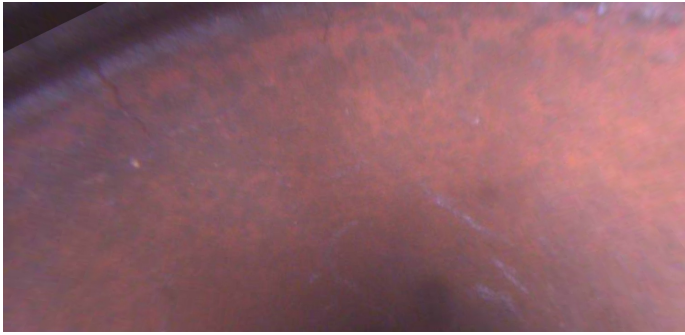


Code:	FM
Description:	Fracture Multiple
Distance (ft):	2.8
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	10
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	CM
Description:	Crack Multiple
Distance (ft):	32.7
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): **37.1**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **TFC**
Description: **Tap Factory Capped**

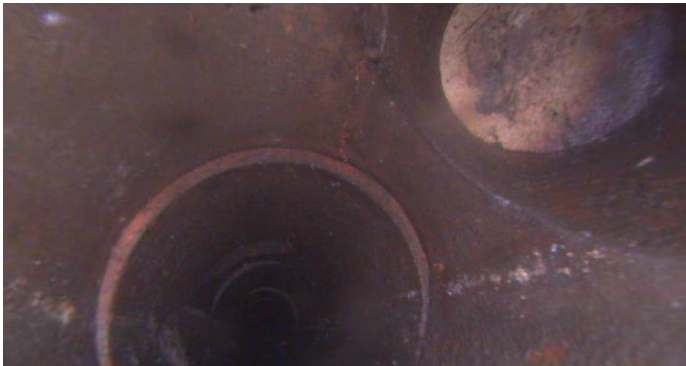


Distance (ft): **44.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:



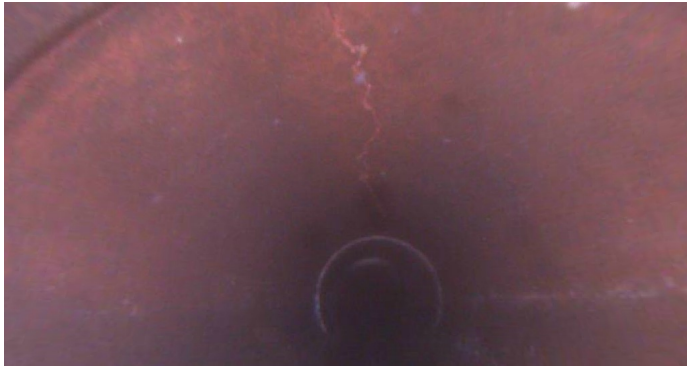
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **45.7**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **9**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **46.1**
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:	FL
Description:	Fracture Longitudinal
Distance (ft):	51.0
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:	YES
Remarks:	



Code:	MMC
Description:	Material Change
Distance (ft):	53.1
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:	PVC

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



Distance (ft): **54.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **59.0**
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: **vcp**

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



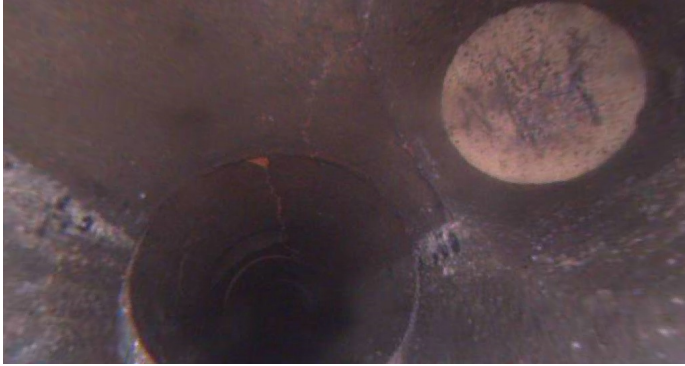
Distance (ft): **65.8**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within 8" of Joint:
Remarks:

Code: **TFC**
Description: **Tap Factory Capped**



Distance (ft): **76.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **TFC**
Description: **Tap Factory Capped**



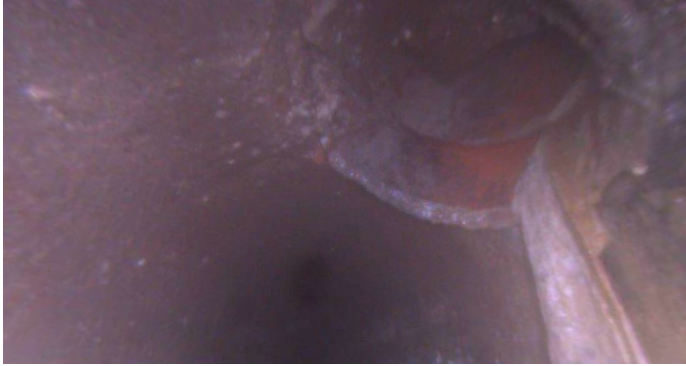
Distance (ft): **78.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **DAR**
Description: **Deposits Attached Ragging**



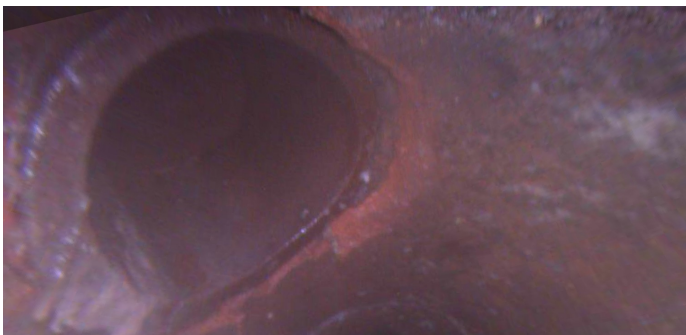
Distance (ft): **79.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **1**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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

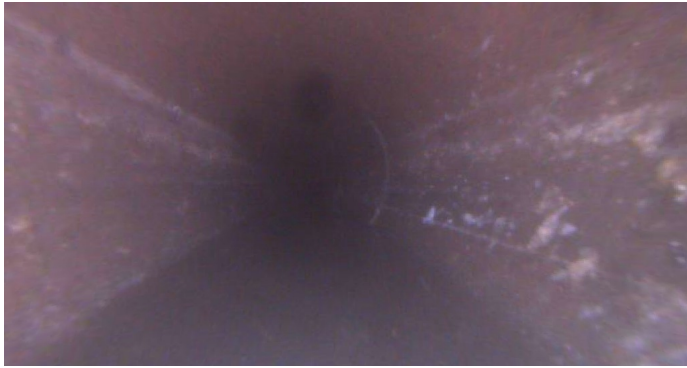


Distance (ft): **79.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value: **1.000**
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **TBA**
Description: **Tap Break-in Active**



Distance (ft): **84.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:



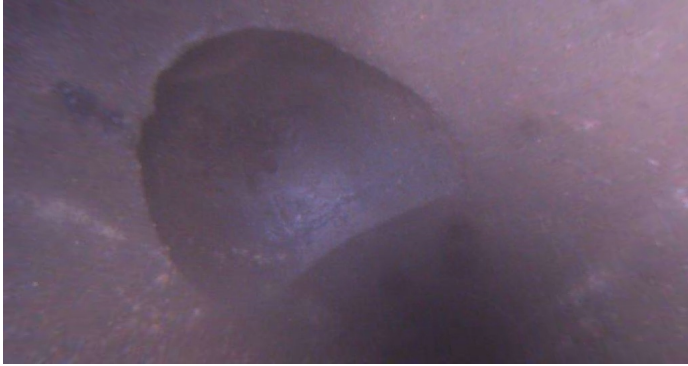
Code: **FL**
Description: **Fracture Longitudinal**

Distance (ft): **85.9**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint:
Remarks:



Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **104.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:



Code:	MSA
Description:	Abandoned Survey
Distance (ft):	105.7
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:	Debris