

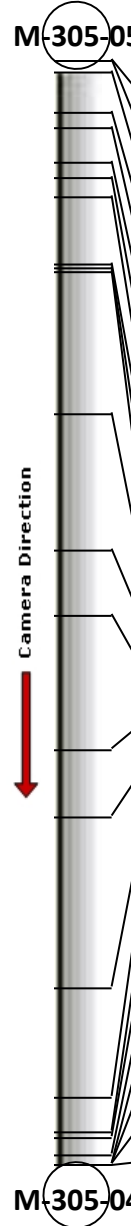
Profile/Photo Observation Report



Date:	04/20/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	205.4	Owner:	NA	Pre Clean:	No Pre-Cleaning
P.O.#:		Surveyor:	Byrd Fitzgerald	PSR:	P-305-043-057
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	CRESTWOOD DR	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Yard	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	10"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:	P_C at 176 ft debris		
Location Details:		Direction of Survey:	Upstream
US MH:	M-305-043	DS MH:	M-305-057
		Total Length Surveyed (ft):	177.7

O&M Index:	2.04	O&M Quick:	4121	O&M Rating:	108.00
Structural Index:	2.25	Structural Quick:	3221	Structural Rating:	9.00
Overall Index:	2.05	Overall Quick:	4132	Overall Rating:	117.00

	Position	Code	Observation	Video (sec)	Grade
	M-305-057				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	1.9	MMC	Material Change	37	NA
	8.2	MMC	Material Change	62	NA
	10.7	DAE	Deposits Attached Encrustation	79	M 2
	16.4	DAZ(S01)	Deposits Attached Other	102	M 2
	18.9	TFC	Tap Factory Capped	119	NA
	21.9	TFC	Tap Factory Capped	137	NA
	32.9	TB	Tap Break-in	171	NA
	33.5	CC	Crack Circumferential	185	S 1
	34.1	MMC	Material Change	199	NA
	57.0	TF	Tap Factory	257	NA
	78.8	MMC	Material Change	313	NA
	89.3	DAZ(S02)	Deposits Attached Other	346	M 2
	110.8	MMC	Material Change	402	NA
	121.9	TF	Tap Factory	437	NA
	149.3	MMC	Material Change	503	NA
	166.8	CM(S03)	Crack Multiple	550	S 3
	172.3	CL	Crack Longitudinal	574	S 2
	173.5	TBI	Tap Break-in Intruding	589	M 2
	176.2	DSC	Deposits Settled Compacted	606	M 4
	177.7	MSA	Abandoned Survey	621	NA
	177.7	CM(F03)	Crack Multiple	632	S 3
	177.7	DAZ(F02)	Deposits Attached Other	643	M 2
	177.7	DAZ(F01)	Deposits Attached Other	654	M 2
	M-305-043				

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-305-057**

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



Distance (ft): **1.9**
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): **8.2**
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: **vcp**

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



Distance (ft): **10.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **3**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



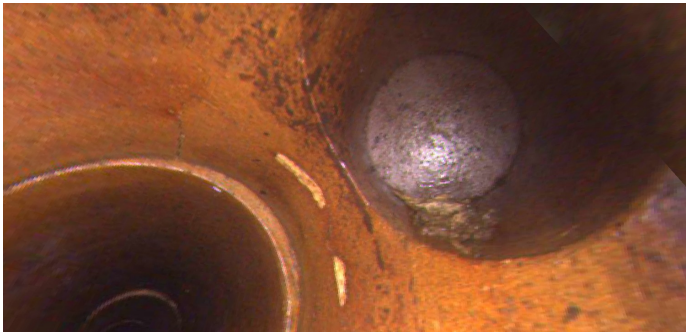
Distance (ft): **16.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **18.9**
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: **YES**
Remarks:

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



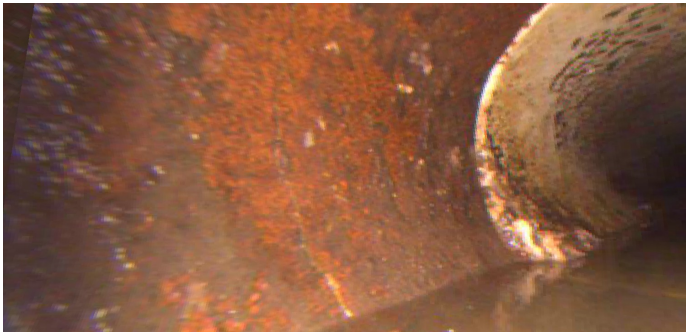
Distance (ft): **21.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



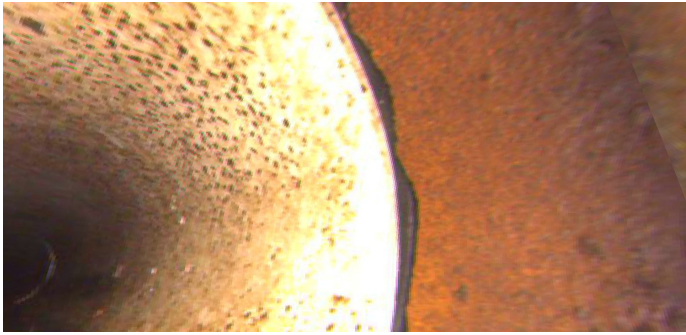
Distance (ft): **32.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **CC**
Description: **Crack Circumferential**



Distance (ft): **33.5**
Structural Grade: **1**
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**



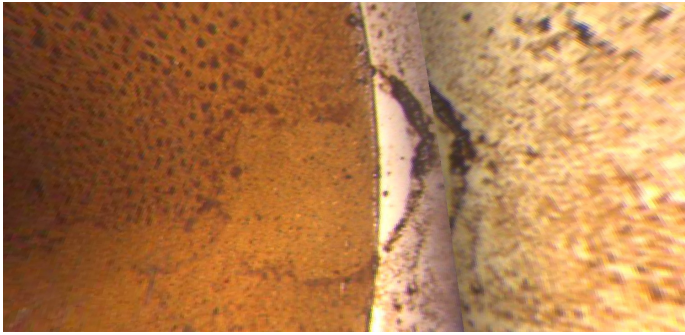
Distance (ft): **34.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **pvc**

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



Distance (ft): **57.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **9**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



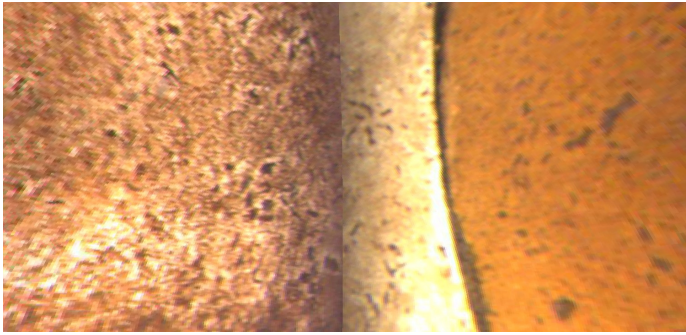
Distance (ft): **78.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **vcp**

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



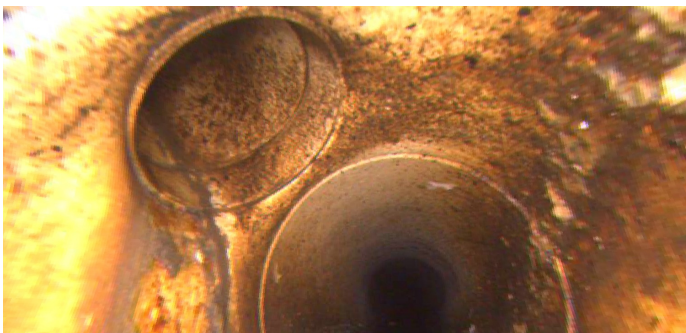
Distance (ft): **89.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks: **wandering in barrel**

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



Distance (ft): **110.8**
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: **pvc**

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



Distance (ft): **121.9**
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: **YES**
Remarks:



Code:	MMC
Description:	Material Change
Distance (ft):	149.3
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:	CM
Description:	Crack Multiple
Distance (ft):	166.8
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	7
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S03
Within 8" of Joint:	YES
Remarks:	wandering

Code: **CL**
Description: **Crack Longitudinal**



Distance (ft): **172.3**
Structural Grade: **2**
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: **TBI**
Description: **Tap Break-in Intruding**



Distance (ft): **173.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value: **1.500**
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **DSC**
Description: **Deposits Settled Compacted**



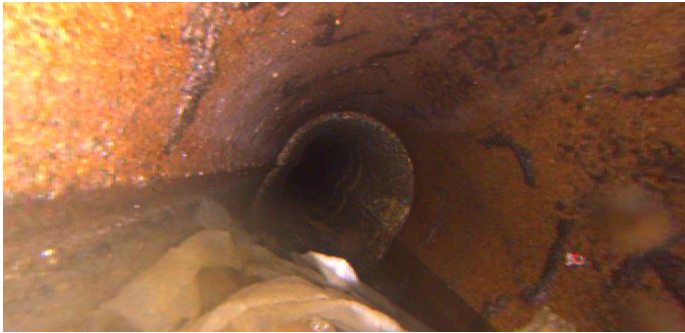
Distance (ft): **176.2**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **6**
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **177.7**
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: **camera flipped**

Code: **CM**
Description: **Crack Multiple**



Distance (ft): **177.7**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F03**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



Distance (ft): **177.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks: **wandering in barrel**



Code:	DAZ
Description:	Deposits Attached Other
Distance (ft):	177.7
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	7
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	F01
Within 8" of Joint:	YES
Remarks:	