Profile/Photo Observation Report
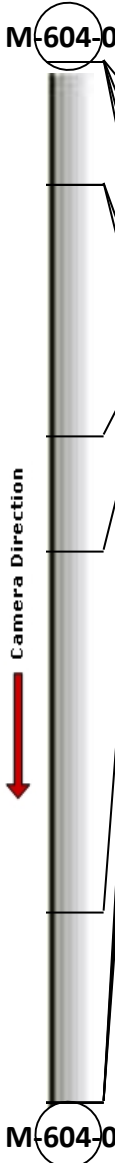
RedZone
ROBOTICS

Date:	**04/23/2018**	Weather:		Coding:	**PACP 6.0**	
Pipe Length (ft):	**200.2**	Owner:	**NA**	Pre Clean:	**Not Known**	
P.O.#:		Surveyor:	**Jen Costello**	PSR:	**P-604-009-008**	
Customer:		Clean Date:	**01/01/1900**	Shape:	**C**	

Street:	**BEVERLY BLVD**	Flow Control:	**Not Controlled**	
City:	**Hobart, IN**	Year Renewed:		
Location:	**Other**	Tape/Media #:		
Purpose:	**Not Known**	Dia/Height:	**8"**	
Use:	**Sanitary**	Material:	**VCP**	
Drain Area:	**NA**	Lining:		
Category:	**NA**			
Comment:				
Location Details:		Direction of Survey:	**Downstream**	
US MH:	**M-604-008**	DS MH: **M-604-009**	Total Length Surveyed (ft):	**34.5**

O&M Index:	**1.75**	O&M Quick:	**2311**	O&M Rating:	**7.00**
Structural Index:	**2.89**	Structural Quick:	**4137**	Structural Rating:	**26.00**
Overall Index:	**2.54**	Overall Quick:	**4137**	Overall Rating:	**33.00**

	Position	Code	Observation	Video (sec)	Grade
M-604-008					
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	20	NA
	.0	MMC	Material Change	31	NA
	.0	SAP(S01)	Surface Aggregate Projecting	41	S 3
	4.1	LR	Alignment Right	60	M 1
	4.1	JOM	Joint Offset Medium	71	S 1
	12.4	MWL	Water Level	99	NA
	16.2	FM	Fracture Multiple	117	S 4
	28.2	IW	Infil Weeper	152	M 2
	34.5	IW	Infil Weeper	176	M 2
	34.5	DAE	Deposits Attached Encrustation	186	M 2
	34.5	SAP(F01)	Surface Aggregate Projecting	197	S 3
	34.5	MSA	Abandoned Survey	207	NA

Camera Direction

M-604-009

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-604-008**

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):	**.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:	**cp**

Code: **SAP**

Description: **Surface Aggregate Projecting**
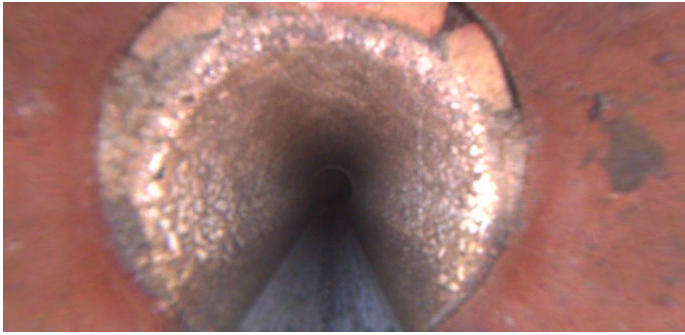
Distance (ft): **.0**

Structural Grade: **3**

O&M Grade: **0**

Clock Start/From: **8**

Clock To: **4**

1st Value:

2nd Value:

Value Percent:

Continuous Index: **S01**

Within 8" of Joint:

Remarks:

Code: **LR**

Description: **Alignment Right**

Distance (ft): **4.1**

Structural Grade: **0**

O&M Grade: **1**

Clock Start/From:

Clock To:

1st Value:

2nd Value:

Value Percent: **5.000**

Continuous Index:

Within 8" of Joint: **NO**

Remarks:

Code:	**JOM**
Description:	**Joint Offset Medium**
Distance (ft):	**4.1**
Structural Grade:	**1**
O&M Grade:	**0**
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	**NO**
Remarks:	

Code:	**MWL**
Description:	**Water Level**
Distance (ft):	**12.4**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	**30.000**
Continuous Index:	
Within 8" of Joint:	**NO**
Remarks:	

Code:	**FM**
Description:	**Fracture Multiple**
Distance (ft):	**16.2**
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:	**YES**
Remarks:	

Code:	**IW**
Description:	**Infil Weeper**
Distance (ft):	**28.2**
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:	**IW**
Description:	**Infil Weeper**
Distance (ft):	**34.5**
Structural Grade:	**0**
O&M Grade:	**2**
Clock Start/From:	**7**
Clock To:	**9**
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	**YES**
Remarks:	

Code:	**DAE**
Description:	**Deposits Attached Encrustation**
Distance (ft):	**34.5**
Structural Grade:	**0**
O&M Grade:	**2**
Clock Start/From:	**7**
Clock To:	**9**
1st Value:	
2nd Value:	
Value Percent:	**5.000**
Continuous Index:	
Within 8" of Joint:	**YES**
Remarks:	

Code:	**SAP**
Description:	**Surface Aggregate Projecting**
Distance (ft):	**34.5**
Structural Grade:	**3**
O&M Grade:	**0**
Clock Start/From:	**8**
Clock To:	**4**
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	**F01**
Within 8" of Joint:	
Remarks:	

Code:	**MSA**
Description:	**Abandoned Survey**
Distance (ft):	**34.5**
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:	**unknown**