

Profile/Photo Observation Report



Date:	03/20/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	237.2	Owner:	NA	Pre Clean:	No Pre-Cleaning
P.O.#:		Surveyor:	John Kuglmaier	PSR:	P-209-012-013
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	ALLEY BETWEEN MINNESOTA ST & C	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Light Highway	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	8"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:	P_C at 11 ft unknown obstruction . Flow wrong		
Location Details:		Direction of Survey:	Downstream
US MH:	M-209-013	DS MH:	M-209-012
		Total Length Surveyed (ft):	12.5

O&M Index:	2.00	O&M Quick:	3212	O&M Rating:	8.00
Structural Index:	2.50	Structural Quick:	4111	Structural Rating:	5.00
Overall Index:	2.17	Overall Quick:	4132	Overall Rating:	13.00

The diagram shows a vertical manhole section. At the top is a circle labeled **M-209-013**. At the bottom is a circle labeled **M-209-012**. A red arrow on the left points downwards, labeled **Camera Direction**. A table of observations is shown on the right, with lines connecting specific points in the manhole to the table rows.

Position	Code	Observation	Video (sec)	Grade
.0	AMH	Manhole	10	NA
.0	MWL	Water Level	21	NA
3.6	JOM	Joint Offset Medium	40	S 1
3.7	RFJ	Roots Fine Joint	51	M 1
3.7	FM	Fracture Multiple	62	S 4
7.7	RFJ	Roots Fine Joint	82	M 1
11.6	RMJ	Roots Medium Joint	101	M 3
12.2	RMC	Roots Medium Connection	113	M 3
12.5	MSA	Abandoned Survey	125	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-209-013

Code:	MWL
Description:	Water Level



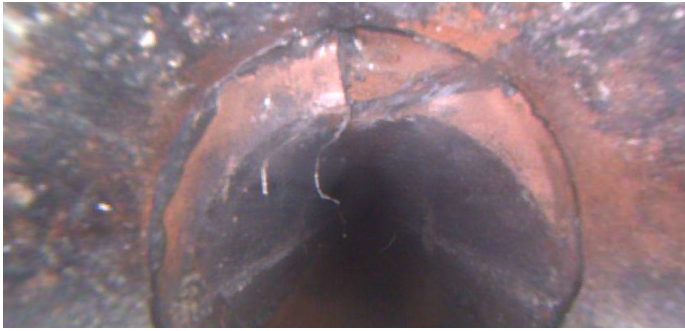
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

Code:	JOM
Description:	Joint Offset Medium



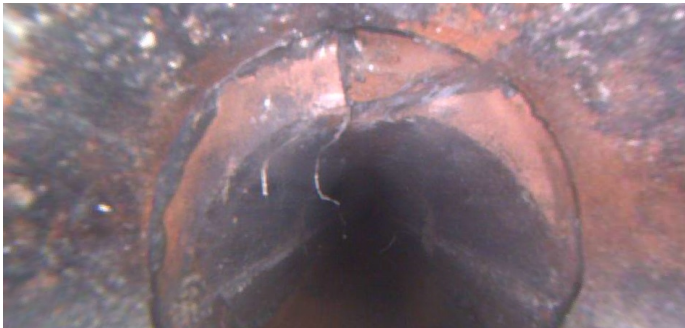
Distance (ft):	3.6
Structural Grade:	1
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

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



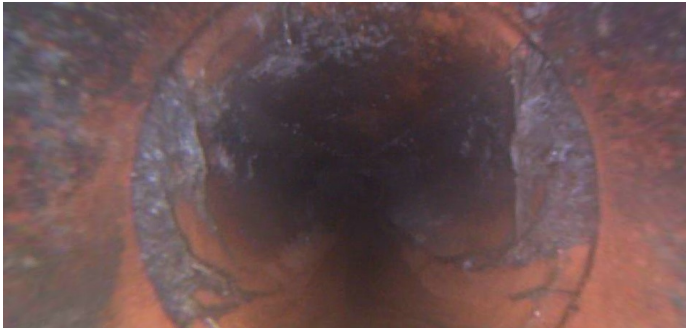
Distance (ft): **3.7**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



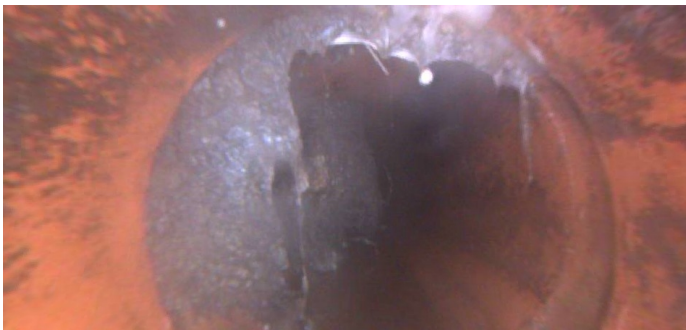
Distance (ft): **3.7**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



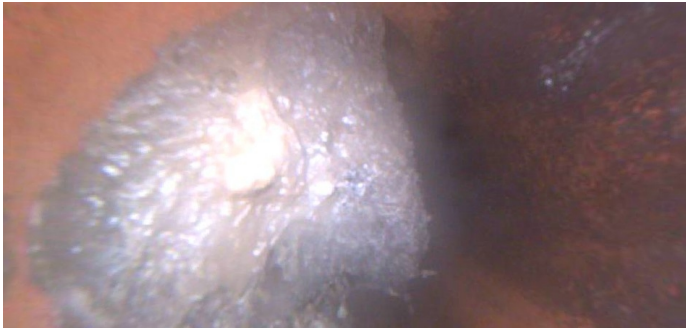
Distance (ft): **7.7**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **RMJ**
Description: **Roots Medium Joint**



Distance (ft): **11.6**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **2**
1st Value:
2nd Value:
Value Percent: **30.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **RMC**
Description: **Roots Medium Connection**



Distance (ft): **12.2**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **7**
Clock To: **12**
1st Value:
2nd Value:
Value Percent: **40.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **12.5**
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: **RMC**