

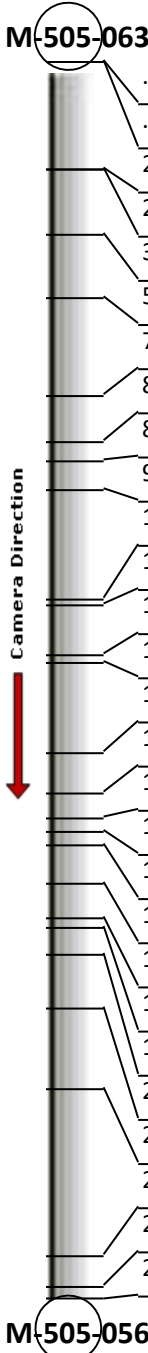
## Profile/Photo Observation Report



Date:	<b>04/21/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>268.2</b>	Owner:	<b>NA</b>	Pre Clean:	<b>No Pre-Cleaning</b>
P.O.#:		Surveyor:	<b>Mark Ruby</b>	PSR:	<b>P-505-063-056</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>S COLORADO ST &amp; W 1ST PL</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Light Highway</b>	Tape/Media #:	
Purpose:	<b>Routine Assessment</b>	Dia/Height:	<b>12"</b>
Use:	<b>Sanitary</b>	Material:	<b>VCP</b>
Drain Area:	<b>NA</b>	Lining:	
Category:	<b>NA</b>		
Comment:	<b>MH_F at 262 ft false . Just about fell in to D_C . Flow direction wrong</b>		
Location Details:		Direction of Survey:	<b>Upstream</b>
US MH:	<b>M-505-056</b>	DS MH:	<b>M-505-063</b>
		Total Length Surveyed (ft):	<b>263.5</b>

O&M Index:	<b>1.50</b>	O&M Quick:	<b>2111</b>	O&M Rating:	<b>3.00</b>
Structural Index:	<b>2.11</b>	Structural Quick:	<b>3128</b>	Structural Rating:	<b>19.00</b>
Overall Index:	<b>2.00</b>	Overall Quick:	<b>3129</b>	Overall Rating:	<b>22.00</b>

	Position	Code	Observation	Video (sec)	Grade
	M-505-063				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	23.0	TF	Tap Factory	81	NA
	23.0	RFJ	Roots Fine Joint	94	M 1
	36.9	TF	Tap Factory	136	NA
	50.2	CL	Crack Longitudinal	177	S 2
	71.1	TF	Tap Factory	233	NA
	81.2	MMC	Material Change	267	NA
	85.0	TF	Tap Factory	291	NA
	91.2	MMC	Material Change	319	NA
	114.7	TF	Tap Factory	380	NA
	115.7	CL	Crack Longitudinal	396	S 2
	126.3	CL	Crack Longitudinal	433	S 2
	128.2	TF	Tap Factory	452	NA
	147.1	TF	Tap Factory	503	NA
	155.8	CM	Crack Multiple	535	S 3
	161.4	CL	Crack Longitudinal	562	S 2
	163.9	CL	Crack Longitudinal	582	S 2
	167.1	DAZ	Deposits Attached Other	605	M 2
	175.3	CL	Crack Longitudinal	637	S 2
	182.4	TF	Tap Factory	666	NA
	184.7	CL	Crack Longitudinal	684	S 2
	190.4	CL	Crack Longitudinal	711	S 2
	201.8	TF	Tap Factory	748	NA
	218.9	TF	Tap Factory	795	NA
	254.7	MMC	Material Change	880	NA
	261.2	TF	Tap Factory	909	NA
	263.5	AMH	Manhole	930	NA
	M-505-056				

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-505-063**

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

Distance (ft): **23.0**  
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:

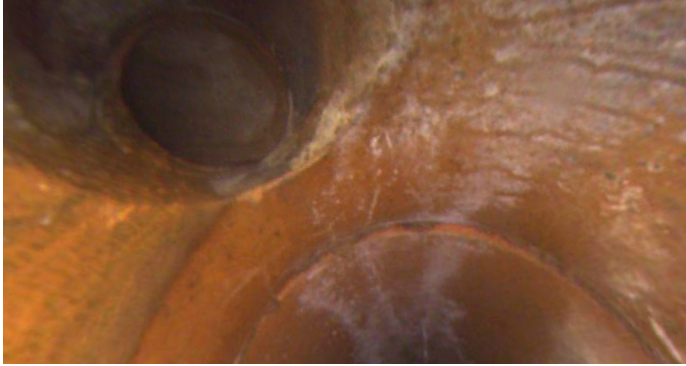
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Code: **RFJ**  
Description: **Roots Fine Joint**

Distance (ft): **23.0**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **36.9**  
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:  
Remarks:

---



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

Distance (ft): **50.2**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **71.1**  
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:

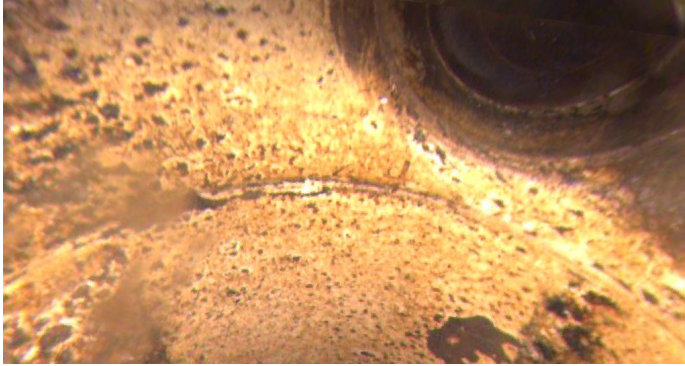


Code: **MMC**  
Description: **Material Change**

Distance (ft): **81.2**  
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: **TF**  
Description: **Tap Factory**



Distance (ft): **85.0**  
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:

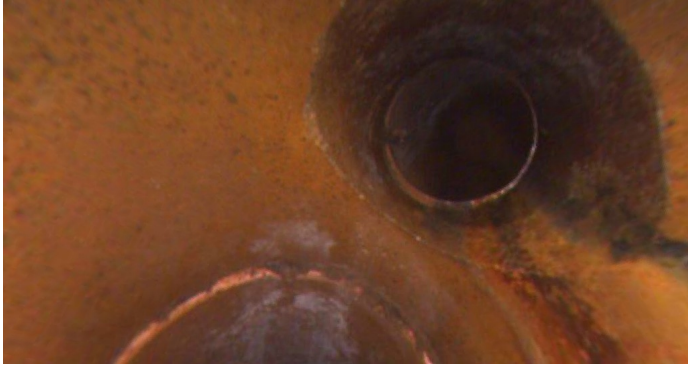
---

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



Distance (ft): **91.2**  
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: **TF**  
Description: **Tap Factory**

Distance (ft): **114.7**  
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: **CL**  
Description: **Crack Longitudinal**

Distance (ft): **115.7**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:





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

Distance (ft): **126.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **4**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **128.2**  
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: **TF**  
Description: **Tap Factory**



Distance (ft): **147.1**  
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:

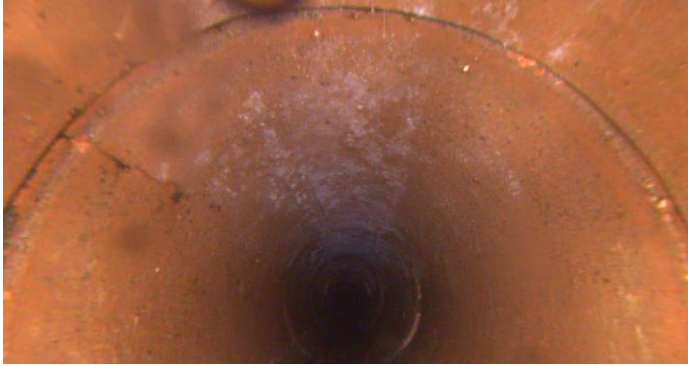
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Code: **CM**  
Description: **Crack Multiple**



Distance (ft): **155.8**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **4**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **161.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

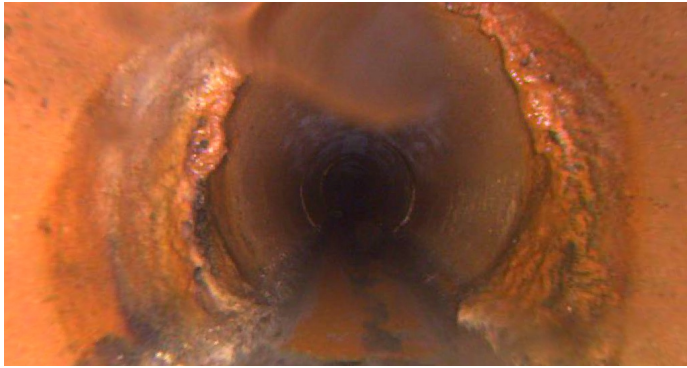
---



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

Distance (ft): **163.9**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



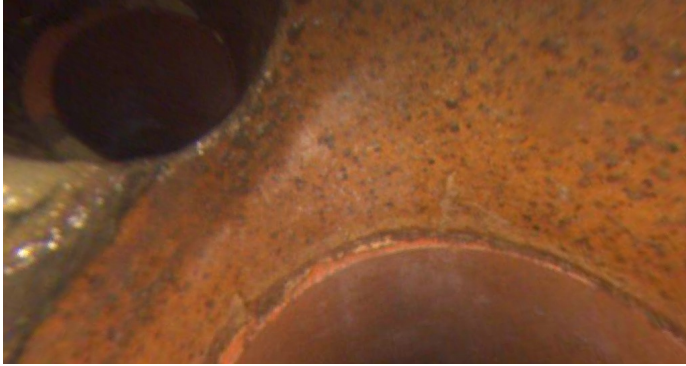
Code:	<b>DAZ</b>
Description:	<b>Deposits Attached Other</b>
Distance (ft):	<b>167.1</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>7</b>
Clock To:	<b>5</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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Code:	<b>CL</b>
Description:	<b>Crack Longitudinal</b>
Distance (ft):	<b>175.3</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>4</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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

Distance (ft): **182.4**  
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: **CL**  
Description: **Crack Longitudinal**

Distance (ft): **184.7**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **4**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---





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

Distance (ft): **190.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **201.8**  
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:

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

Distance (ft): **218.9**  
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:  
Remarks:



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

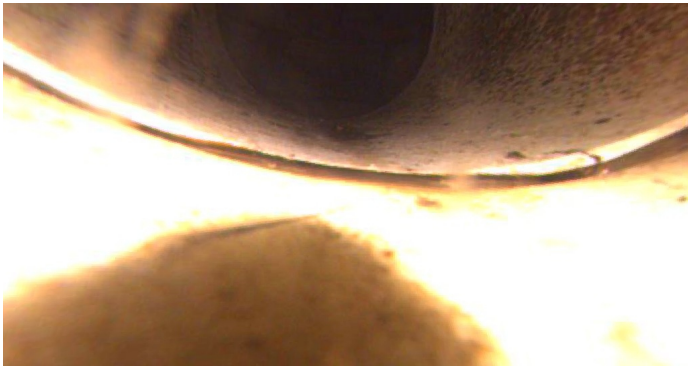
Distance (ft): **254.7**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **PVC**



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

Distance (ft): **261.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **6**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: **Drop connection**

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Code: **AMH**  
Description: **Manhole**

Distance (ft): **263.5**  
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: **M-505-056**