

## Profile/Photo Observation Report

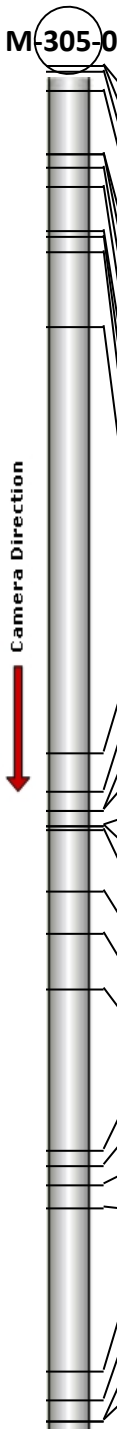


Date:	<b>04/24/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>211.8</b>	Owner:	<b>NA</b>	Pre Clean:	<b>No Pre-Cleaning</b>
P.O.#:		Surveyor:	<b>Jen Costello</b>	PSR:	<b>P-305-042-043</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>FOXCROFT STREET</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Yard</b>	Tape/Media #:	
Purpose:	<b>Routine Assessment</b>	Dia/Height:	<b>8"</b>
Use:	<b>Sanitary</b>	Material:	<b>PVC</b>
Drain Area:	<b>NA</b>	Lining:	
Category:	<b>NA</b>		
Comment:			

Location Details:		Direction of Survey:	<b>Upstream</b>
US MH:	<b>M-305-042</b>	DS MH:	<b>M-305-043</b>
		Total Length Surveyed (ft):	<b>200.5</b>

O&M Index:	<b>2.23</b>	O&M Quick:	<b>4131</b>	O&M Rating:	<b>29.00</b>
Structural Index:	<b>3.77</b>	Structural Quick:	<b>5149</b>	Structural Rating:	<b>49.00</b>
Overall Index:	<b>3.00</b>	Overall Quick:	<b>514A</b>	Overall Rating:	<b>78.00</b>

	Position	Code	Observation	Video (sec)	Grade
<div>M-305-043</div> <div>Camera Direction</div> <div></div> <div>M-305-042</div>	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	.9	DSC	Deposits Settled Compacted	35	M 2
	5.3	MWL	Water Level	55	NA
	13.0	MWL	Water Level	82	NA
	13.0	MCU	Camera Underwater	93	M 4
	14.9	MMC	Material Change	108	NA
	17.8	FS	Fracture Spiral	126	S 3
	25.9	TF	Tap Factory	154	NA
	26.7	FM	Fracture Multiple	167	S 4
	28.9	TFC	Tap Factory Capped	184	NA
	38.2	FS	Fracture Spiral	214	S 3
	100.7	MMC	Material Change	351	NA
	106.4	DAE	Deposits Attached Encrustation	374	M 2
	109.1	DAE	Deposits Attached Encrustation	391	M 2
	109.1	FM	Fracture Multiple	402	S 4
	111.4	TBD	Tap Break-in Defective	418	M 3
	111.4	DAE	Deposits Attached Encrustation	429	M 2
	112.0	HSV	Hole Soil Visible	443	S 5
	120.8	MMC	Material Change	472	NA
	127.1	TFA	Tap Factory Active	498	NA
	135.3	MGO	General Observation	530	NA
	158.8	MMC	Material Change	593	NA
	161.0	CL	Crack Longitudinal	613	S 2
	164.0	FM(S01)	Fracture Multiple	635	S 4
	167.4	DAE(S02)	Deposits Attached Encrustation	658	M 2
	191.1	TBI	Tap Break-in Intruding	719	M 2
	195.5	TFC	Tap Factory Capped	740	NA
	198.4	FM(F01)	Fracture Multiple	758	S 4
	198.4	DAE(F02)	Deposits Attached Encrustation	769	M 2
200.5	AMH	Manhole	784	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-305-043**

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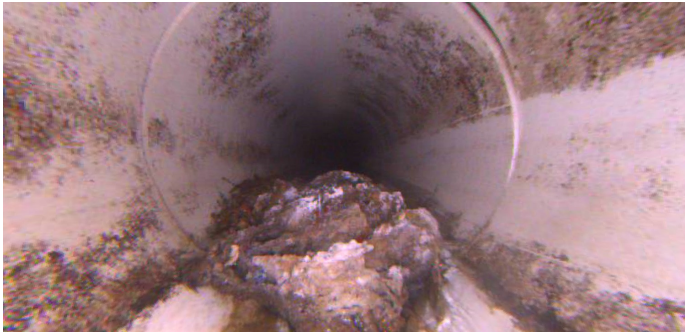
Code: **MWL**  
Description: **Water Level**



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

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



Distance (ft): **.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---

Code: **MWL**  
Description: **Water Level**



Distance (ft): **5.3**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **40.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---



Code: **MWL**  
Description: **Water Level**



Distance (ft): **13.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **100.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---

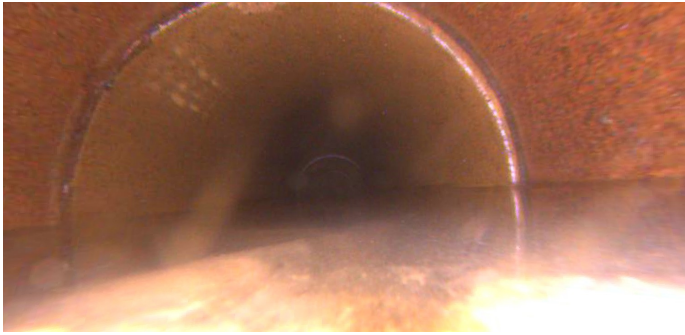
Code: **MCU**  
Description: **Camera Underwater**



Distance (ft): **13.0**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---

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



Distance (ft): **14.9**  
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: **VCP**

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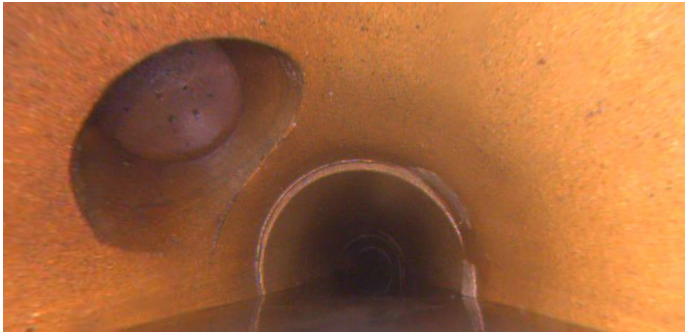
Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **17.8**  
Structural Grade: **3**  
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: **TF**  
Description: **Tap Factory**



Distance (ft): **25.9**  
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: **FM**  
Description: **Fracture Multiple**



Distance (ft): **26.7**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

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



Distance (ft): **28.9**  
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:

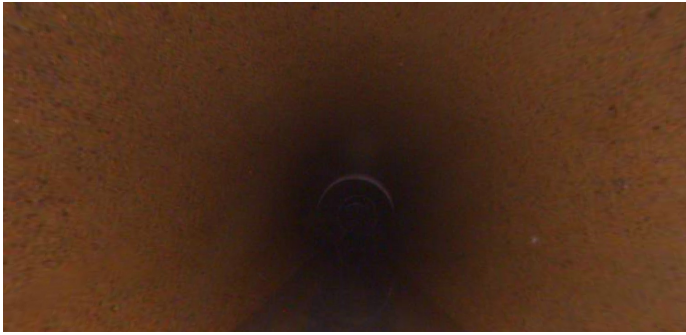
---

Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **38.2**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

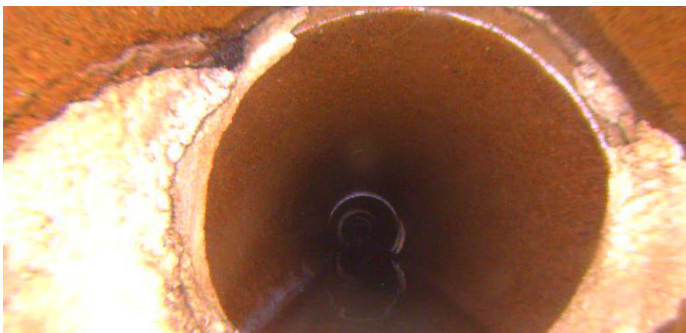
Code: **MMC**  
Description: **Material Change**



Distance (ft): **100.7**  
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: **VCP**

---

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

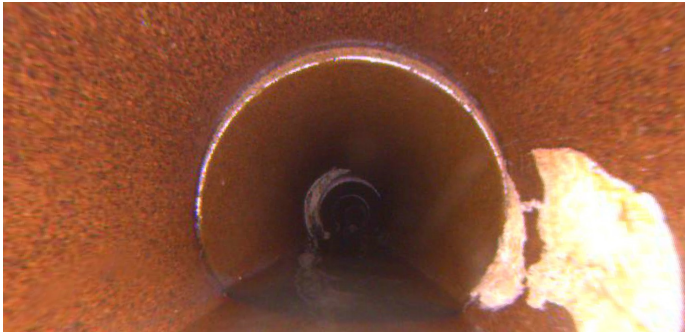


Distance (ft): **106.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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



Distance (ft): **109.1**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **3**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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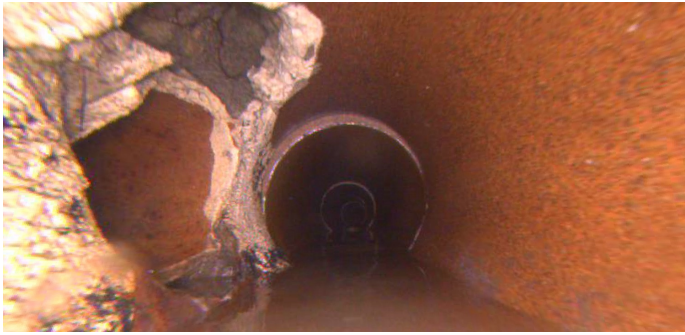
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **109.1**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **TBD**  
Description: **Tap Break-in Defective**



Distance (ft): **111.4**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **9**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: **DAE,HSV**

---

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

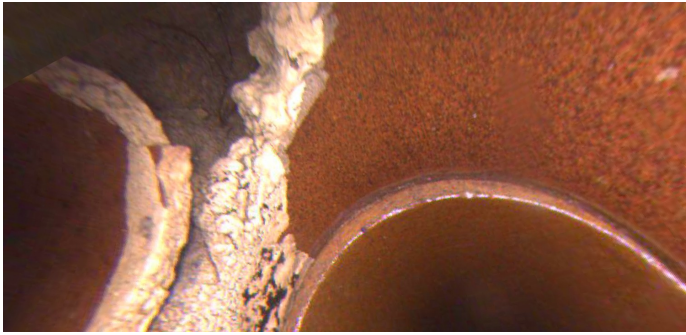


Distance (ft): **111.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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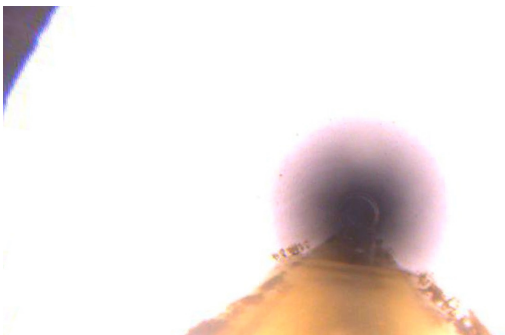
Code: **HSV**  
Description: **Hole Soil Visible**



Distance (ft): **112.0**  
Structural Grade: **5**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---

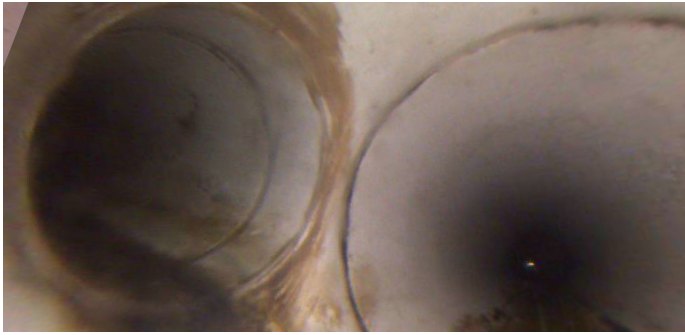
Code: **MMC**  
Description: **Material Change**



Distance (ft): **120.8**  
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: **TFA**  
Description: **Tap Factory Active**



Distance (ft): **127.1**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---

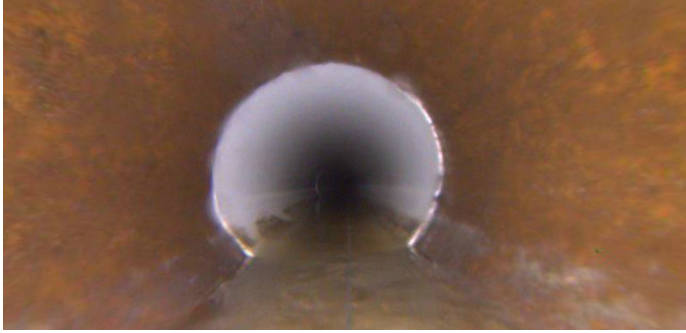
Code: **MGO**  
Description: **General Observation**



Distance (ft): **135.3**  
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: **rear camera**

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



Distance (ft): **158.8**  
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**

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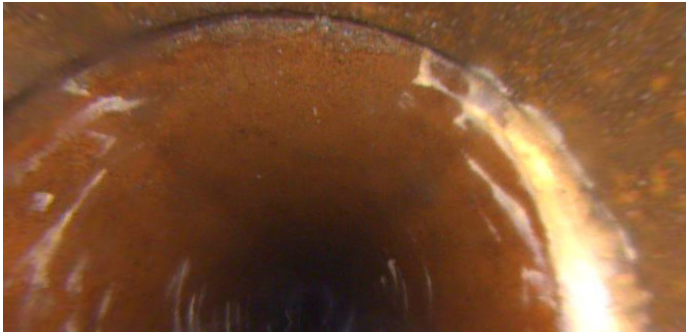
Code: **CL**  
Description: **Crack Longitudinal**



Distance (ft): **161.0**  
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:

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



Distance (ft): **164.0**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

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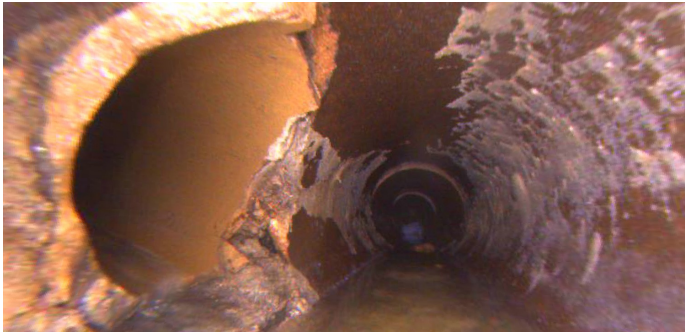
Code: **DAE**  
Description: **Deposits Attached Encrustation**



Distance (ft): **167.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **191.1**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **9**  
Clock To:  
1st Value: **4.000**  
2nd Value: **1.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---

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



Distance (ft): **195.5**  
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:

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



Distance (ft): **198.4**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

---

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



Distance (ft): **198.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks:

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Code:	AMH
Description:	Manhole
Distance (ft):	200.5
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-305-042