

Profile/Photo Observation Report



| | | | | | |
|-------------------|-------------------|-------------|------------------------|------------|----------------------|
| Date: | 10/02/2018 | Weather: | | Coding: | PACP 6.0 |
| Pipe Length (ft): | 225.3 | Owner: | NA | Pre Clean: | Not Known |
| P.O.#: | | Surveyor: | Justin Gonzales | PSR: | P-903-026-025 |
| Customer: | | Clean Date: | 01/01/1900 | Shape: | C |

| | | | |
|-------------|---------------------------|---------------|-----------------------|
| Street: | E RAND ST | Flow Control: | Not Controlled |
| City: | Hobart, IN | Year Renewed: | |
| Location: | Light Highway | Tape/Media #: | |
| Purpose: | Routine Assessment | Dia/Height: | 10" |
| Use: | Sanitary | Material: | VCP |
| Drain Area: | NA | Lining: | |
| Category: | NA | | |
| Comment: | | | |

| | | | |
|-------------------|------------------|-----------------------------|-------------------|
| Location Details: | | Direction of Survey: | Downstream |
| US MH: | M-903-025 | DS MH: | M-903-026 |
| | | Total Length Surveyed (ft): | 225.3 |

| | | | | | |
|-------------------|-------------|-------------------|-------------|--------------------|--------------|
| O&M Index: | 2.33 | O&M Quick: | 4121 | O&M Rating: | 7.00 |
| Structural Index: | 3.85 | Structural Quick: | 514A | Structural Rating: | 50.00 |
| Overall Index: | 3.56 | Overall Quick: | 514A | Overall Rating: | 57.00 |

| | Position | Code | Observation | Video (sec) | Grade |
|------------------|----------|------|-----------------------------|-------------|-------|
| M-903-025 | | | | | |
| | .0 | AMH | Manhole | 10 | NA |
| | .0 | MWL | Water Level | 21 | NA |
| | 16.7 | RFJ | Roots Fine Joint | 66 | M 1 |
| | 58.7 | FM | Fracture Multiple | 162 | S 4 |
| | 62.2 | FM | Fracture Multiple | 182 | S 4 |
| | 63.4 | TFD | Tap Factory Defective | 196 | M 2 |
| | 65.9 | FM | Fracture Multiple | 213 | S 4 |
| | 68.9 | MCU | Camera Underwater | 231 | M 4 |
| | 76.8 | FM | Fracture Multiple | 259 | S 4 |
| | 78.8 | TF | Tap Factory | 275 | NA |
| | 79.5 | FM | Fracture Multiple | 289 | S 4 |
| | 85.0 | FM | Fracture Multiple | 312 | S 4 |
| | 90.7 | FM | Fracture Multiple | 335 | S 4 |
| | 95.4 | FM | Fracture Multiple | 357 | S 4 |
| | 99.5 | FM | Fracture Multiple | 377 | S 4 |
| | 104.2 | CH3 | Crack Longitudinal Hinge, 3 | 398 | S 5 |
| | 112.4 | TF | Tap Factory | 427 | NA |
| | 114.3 | FM | Fracture Multiple | 443 | S 4 |
| | 118.0 | TF | Tap Factory | 463 | NA |
| | 157.6 | TF | Tap Factory | 554 | NA |
| | 176.7 | CL | Crack Longitudinal | 605 | S 2 |
| | 178.7 | TF | Tap Factory | 621 | NA |
| | 203.2 | FL | Fracture Longitudinal | 681 | S 3 |
| | 205.6 | TF | Tap Factory | 698 | NA |
| | 208.5 | TF | Tap Factory | 716 | NA |
| | 225.3 | AMH | Manhole | 762 | NA |
| M-903-026 | | | | | |

Camera Direction
↓

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-903-025**

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: **15.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **16.7**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **3**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **58.7**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **62.2**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **TFD**
Description: **Tap Factory Defective**



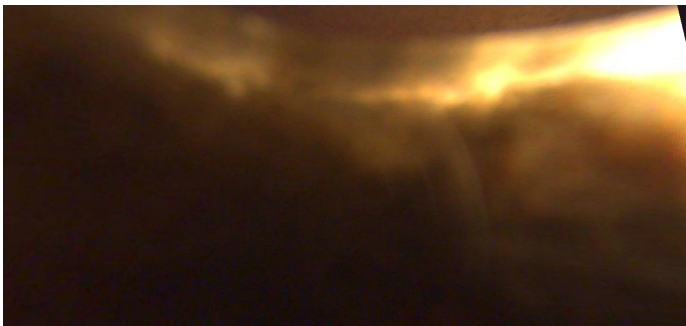
Distance (ft): **63.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **3**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **MOUTH OF TAP BROKEN**

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



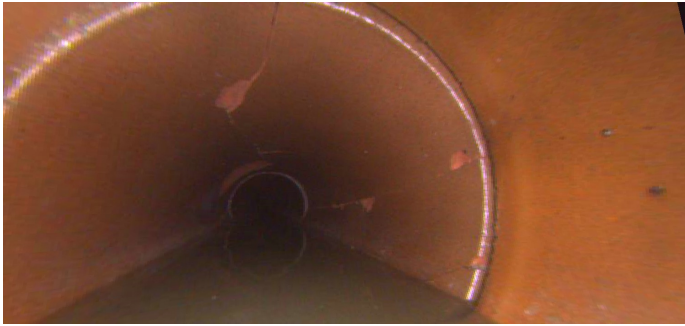
Distance (ft): **65.9**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



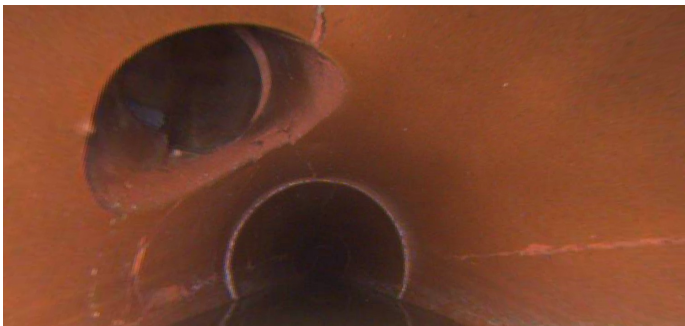
Distance (ft): **68.9**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **76.8**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **78.8**
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:

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



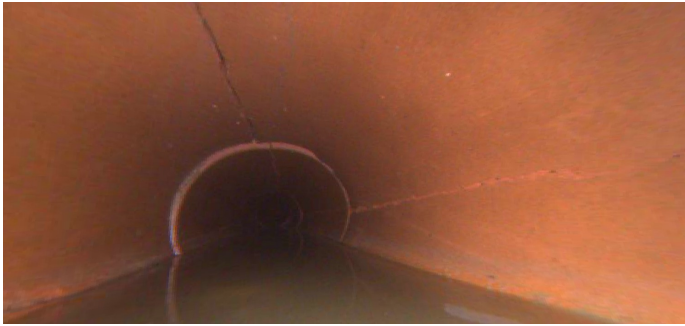
Distance (ft): **79.5**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **85.0**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **90.7**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



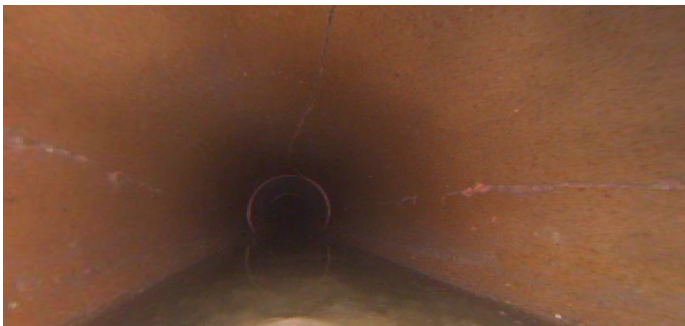
Distance (ft): **95.4**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



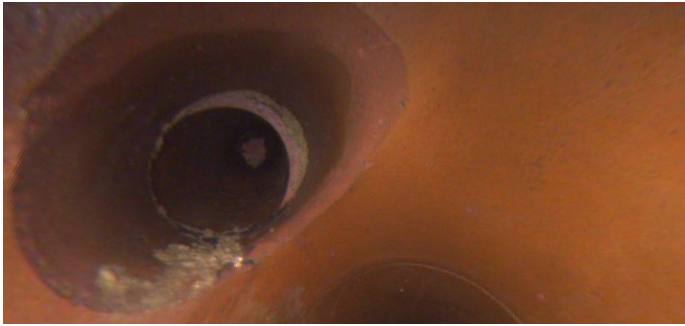
Distance (ft): **99.5**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **CH3**
Description: **Crack Longitudinal Hinge, 3**



Distance (ft): **104.2**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **112.4**
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): **114.3**
Structural Grade: **4**
O&M Grade: **0**
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**



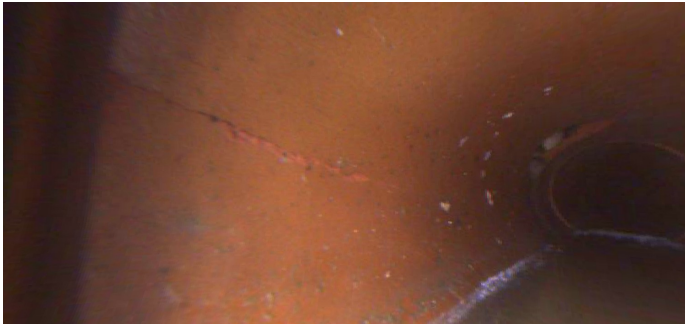
Distance (ft): **118.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



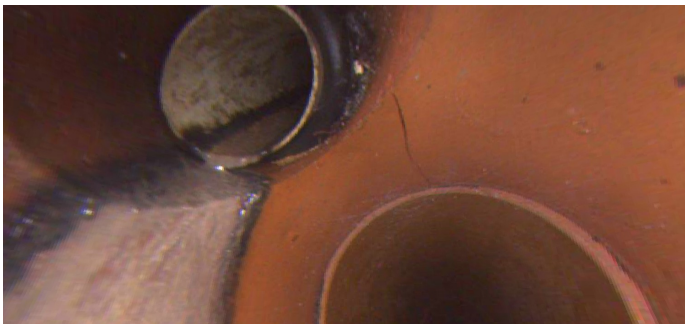
Distance (ft): **157.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



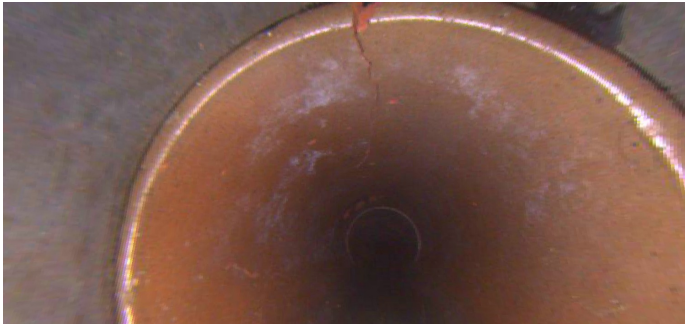
Distance (ft): **176.7**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **9**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **178.7**
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:

Code: **FL**
Description: **Fracture Longitudinal**



Distance (ft): **203.2**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **205.6**
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: **TF**
Description: **Tap Factory**



Distance (ft): **208.5**
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: **AMH**
Description: **Manhole**



Distance (ft): **225.3**
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: **M-903-026**