

Profile/Photo Observation Report




| | | | | | |
|-------------------|-------------------|-------------|---------------------|------------|----------------------|
| Date: | 09/25/2018 | Weather: | | Coding: | PACP 6.0 |
| Pipe Length (ft): | 157.1 | Owner: | NA | Pre Clean: | Not Known |
| P.O.#: | | Surveyor: | Selasie Honu | PSR: | P-203-024-023 |
| Customer: | | Clean Date: | 01/01/1900 | Shape: | C |

| | | | |
|-------------|---------------------------|---------------|-----------------------|
| Street: | W 38TH AVE | Flow Control: | Not Controlled |
| City: | Hobart, IN | Year Renewed: | |
| Location: | Light Highway | Tape/Media #: | |
| Purpose: | Routine Assessment | Dia/Height: | 12" |
| Use: | Sanitary | Material: | VCP |
| Drain Area: | NA | Lining: | |
| Category: | NA | | |
| Comment: | | | |

| | | | |
|-------------------|------------------|-----------------------------|-------------------|
| Location Details: | | Direction of Survey: | Downstream |
| US MH: | M-203-023 | DS MH: | M-203-024 |
| | | Total Length Surveyed (ft): | 147.8 |

| | | | | | |
|-------------------|-------------|-------------------|-------------|--------------------|--------------|
| O&M Index: | 2.00 | O&M Quick: | 4132 | O&M Rating: | 24.00 |
| Structural Index: | 3.60 | Structural Quick: | 5141 | Structural Rating: | 18.00 |
| Overall Index: | 2.47 | Overall Quick: | 5142 | Overall Rating: | 42.00 |

| | Position | Code | Observation | Video (sec) | Grade |
|---|----------|------|--------------------------------|-------------|-------|
| M-203-023 | | | | | |
|  | .0 | AMH | Manhole | 10 | NA |
| | .0 | MWL | Water Level | 21 | NA |
| | 3.2 | FL | Fracture Longitudinal | 39 | S 3 |
| | 3.2 | IS | Infil Stain | 50 | NA |
| | 3.2 | DAE | Deposits Attached Encrustation | 61 | M 2 |
| | 47.8 | IS | Infil Stain | 162 | NA |
| | 47.8 | RFJ | Roots Fine Joint | 173 | M 1 |
| | 48.3 | HVV | Hole Void Visible | 186 | S 5 |
| | 48.6 | TF | Tap Factory | 198 | NA |
| | 60.0 | RFJ | Roots Fine Joint | 232 | M 1 |
| | 70.1 | RFJ | Roots Fine Joint | 265 | M 1 |
| | 70.8 | RFB | Roots Fine Barrel | 278 | M 2 |
| | 70.8 | RMJ | Roots Medium Joint | 289 | M 3 |
| | 71.2 | TFD | Tap Factory Defective | 302 | M 2 |
| | 76.3 | RFJ | Roots Fine Joint | 324 | M 1 |
| | 86.9 | TF | Tap Factory | 358 | NA |
| | 104.0 | TF | Tap Factory | 404 | NA |
| | 132.4 | FL | Fracture Longitudinal | 473 | S 3 |
| | 133.1 | RMJ | Roots Medium Joint | 486 | M 3 |
| | 133.1 | TFD | Tap Factory Defective | 497 | M 2 |
| | 133.8 | RMB | Roots Medium Barrel | 511 | M 4 |
| | 133.9 | RFB | Roots Fine Barrel | 523 | M 2 |
| | 134.3 | FM | Fracture Multiple | 536 | S 4 |
| | 134.3 | FL | Fracture Longitudinal | 547 | S 3 |
| | 147.8 | AMH | Manhole | 586 | NA |
| M-203-024 | | | | | |

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



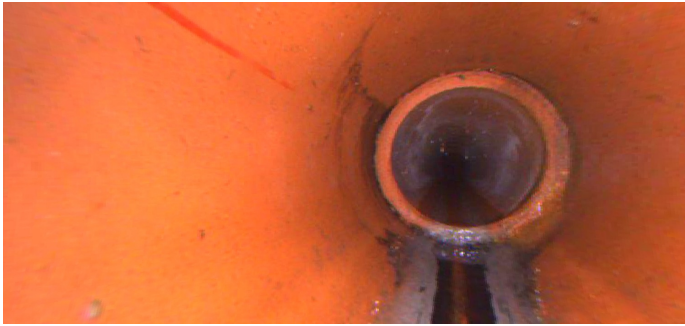
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **M-203-023**

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



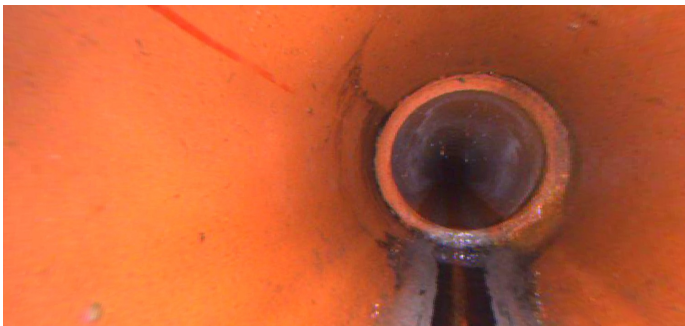
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



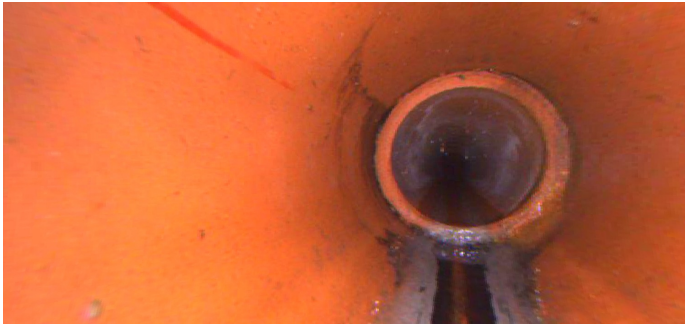
Distance (ft): **3.2**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **IS**
Description: **Infil Stain**



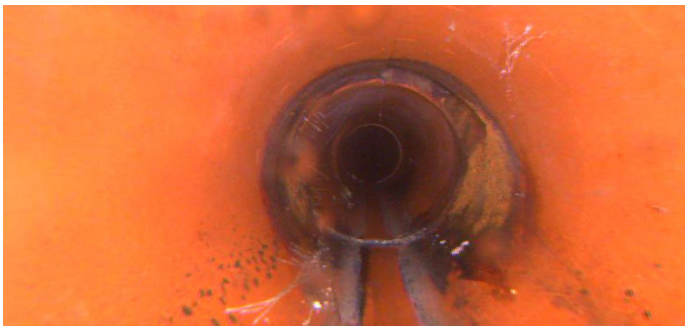
Distance (ft): **3.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **11**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



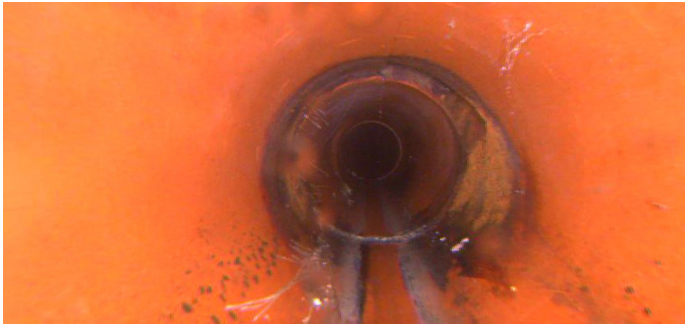
Distance (ft): **3.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **IS**
Description: **Infil Stain**



Distance (ft): **47.8**
Structural Grade: **0**
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: **RFJ**
Description: **Roots Fine Joint**



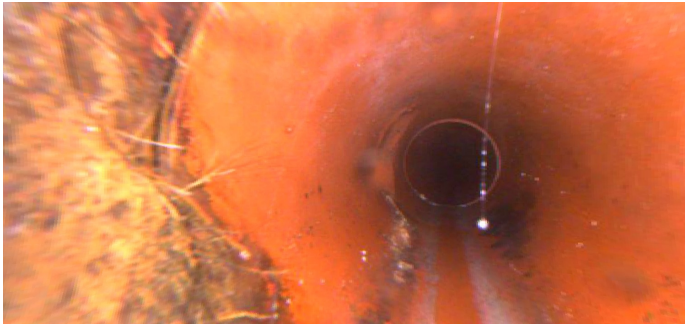
Distance (ft): **47.8**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **HVV**
Description: **Hole Void Visible**



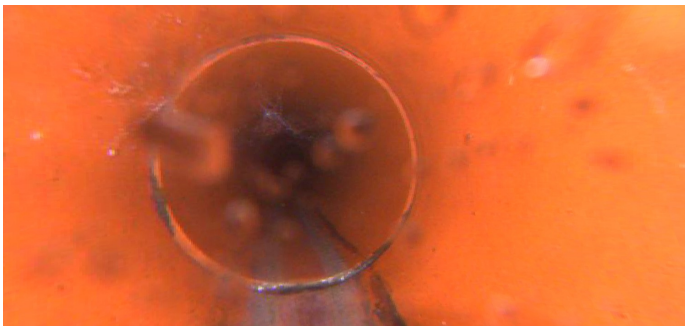
Distance (ft): **48.3**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



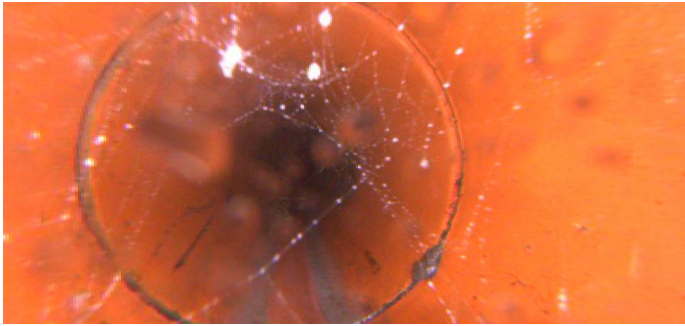
Distance (ft): **48.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **9**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **60.0**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



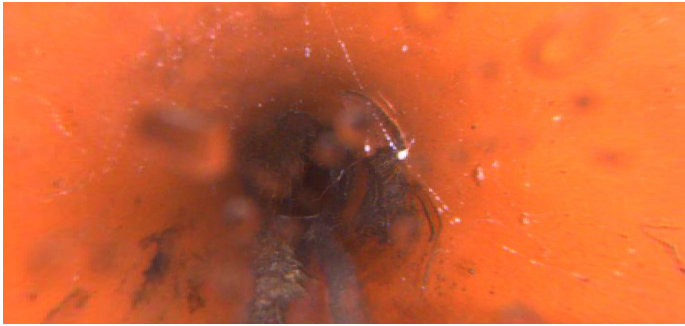
Distance (ft): **70.1**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **3**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **RFB**
Description: **Roots Fine Barrel**



Distance (ft): **70.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **6**
Clock To: **7**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



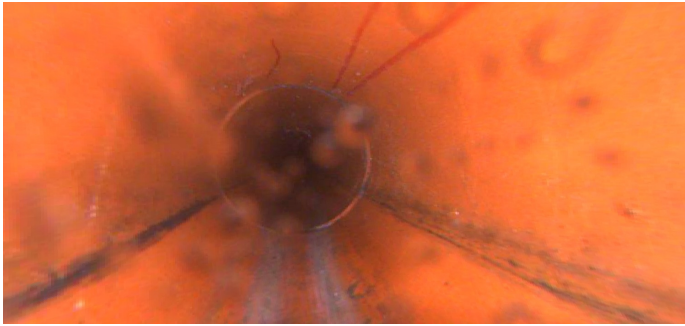
Distance (ft): **70.8**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **30.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



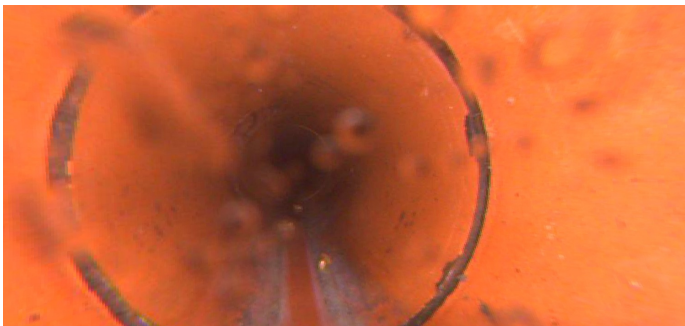
Distance (ft): **71.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **root infiltration**

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



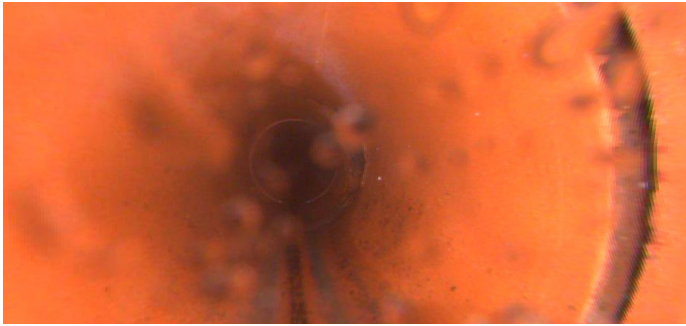
Distance (ft): **76.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **11**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **86.9**
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: **TF**
Description: **Tap Factory**



Distance (ft): **104.0**
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: **FL**
Description: **Fracture Longitudinal**



Distance (ft): **132.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **133.1**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **1**
Clock To: **6**
1st Value:
2nd Value:
Value Percent: **30.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **133.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **root infiltration**

Code: **RMB**
Description: **Roots Medium Barrel**



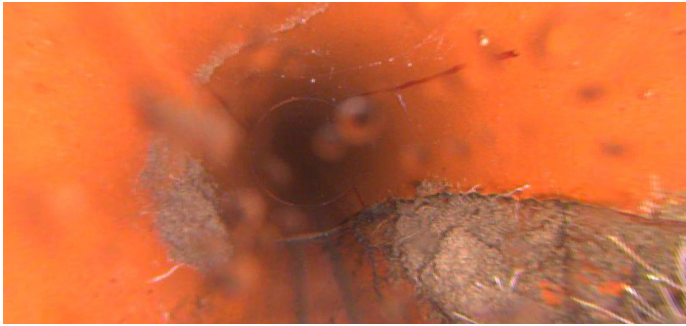
Distance (ft): **133.8**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **2**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **RFB**
Description: **Roots Fine Barrel**



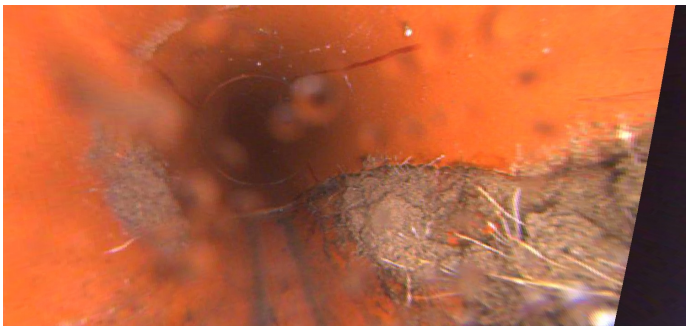
Distance (ft): **133.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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

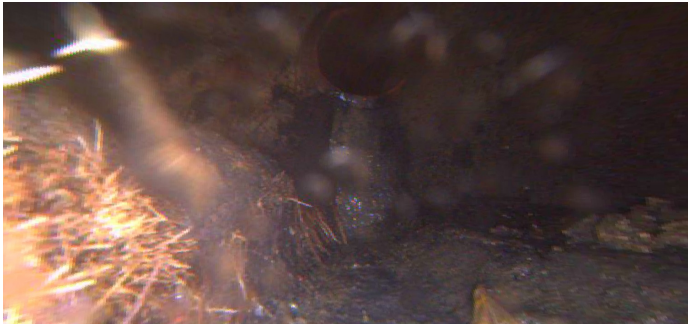


Distance (ft): **134.3**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **6**
Clock To: **6**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **134.3**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:



| | |
|---------------------|------------------|
| Code: | AMH |
| Description: | Manhole |
| Distance (ft): | 147.8 |
| 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: | M-203-024 |