


## Profile/Photo Observation Report



|                   |                   |             |                        |            |                        |
|-------------------|-------------------|-------------|------------------------|------------|------------------------|
| Date:             | <b>04/20/2018</b> | Weather:    |                        | Coding:    | <b>PACP 6.0</b>        |
| Pipe Length (ft): | <b>294.3</b>      | Owner:      | <b>NA</b>              | Pre Clean: | <b>No Pre-Cleaning</b> |
| P.O.#:            |                   | Surveyor:   | <b>Byrd Fitzgerald</b> | PSR:       | <b>P-405-037-036</b>   |
| Customer:         |                   | Clean Date: | <b>01/01/1900</b>      | Shape:     | <b>C</b>               |

|                   |  |                             |                       |
|-------------------|--|-----------------------------|-----------------------|
| Street:           | <b>ALLEY BETWEEN SOFTWOOD DR &amp; C</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:          | <b>P_C at 75 ft build up at the joint . Flow direction wrong</b> |                             |                       |
| Location Details: |  | Direction of Survey:        | <b>Downstream</b>     |
| US MH:            | <b>M-405-036</b>   | DS MH:                      | <b>M-405-037</b>      |
|                   |  | Total Length Surveyed (ft): | <b>76.4</b>           |

|                   |             |                   |             |                    |              |
|-------------------|-------------|-------------------|-------------|--------------------|--------------|
| O&M Index:        | <b>2.75</b> | O&M Quick:        | <b>413A</b> | O&M Rating:        | <b>44.00</b> |
| Structural Index: | <b>2.38</b> | Structural Quick: | <b>3528</b> | Structural Rating: | <b>31.00</b> |
| Overall Index:    | <b>2.59</b> | Overall Quick:    | <b>413B</b> | Overall Rating:    | <b>75.00</b> |

|   | Position | Code     | Observation                    | Video (sec) | Grade |
|---|----------|----------|--------------------------------|-------------|-------|
| <b>M-405-036</b>  |          |          |                                |             |       |
| <div>Camera Direction</div>  | .0       | AMH      | Manhole                        | 10          | NA    |
|   | .0       | MWL      | Water Level                    | 21          | NA    |
|   | 6.7      | DSZ      | Deposits Settled Other         | 46          | M 2   |
|   | 7.5      | MMC      | Material Change                | 61          | NA    |
|   | 7.5      | CL(S01)  | Crack Longitudinal             | 73          | S 2   |
|   | 8.4      | RFB      | Roots Fine Barrel              | 87          | M 2   |
|   | 12.5     | RFJ      | Roots Fine Joint               | 107         | M 1   |
|   | 27.2     | RMJ(S02) | Roots Medium Joint             | 148         | M 3   |
|   | 32.8     | TF       | Tap Factory                    | 171         | NA    |
|   | 32.8     | RML      | Roots Medium Lateral           | 182         | M 3   |
|   | 35.9     | TF       | Tap Factory                    | 199         | NA    |
|   | 49.1     | CM(S03)  | Crack Multiple                 | 238         | S 3   |
|   | 49.1     | CL(F01)  | Crack Longitudinal             | 251         | S 2   |
|   | 57.3     | MMC      | Material Change                | 279         | NA    |
|   | 60.6     | TF       | Tap Factory                    | 298         | NA    |
|   | 64.7     | MMC      | Material Change                | 320         | NA    |
|   | 72.8     | DAE      | Deposits Attached Encrustation | 349         | M 2   |
|   | 75.9     | DAE      | Deposits Attached Encrustation | 366         | M 4   |
|   | 76.4     | MSA      | Abandoned Survey               | 379         | NA    |
|   | 76.4     | RMJ(F02) | Roots Medium Joint             | 390         | M 3   |
|   | 76.4     | CM(F03)  | Crack Multiple                 | 401         | S 3   |
| <b>M-405-037</b>  |          |          |                                |             |       |

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-405-036**



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:

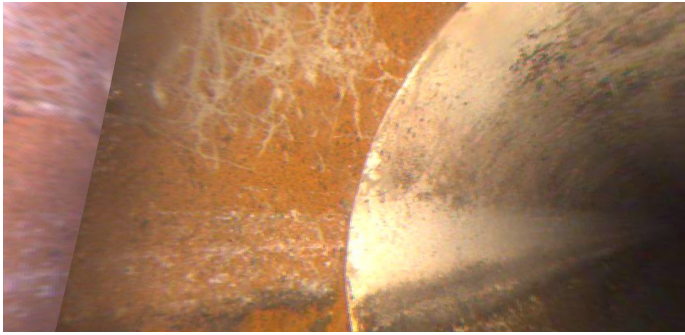


Code: **DSZ**  
Description: **Deposits Settled Other**

Distance (ft): **6.7**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **6**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **tissue**

---

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



Distance (ft): **7.5**  
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: **vcp**

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

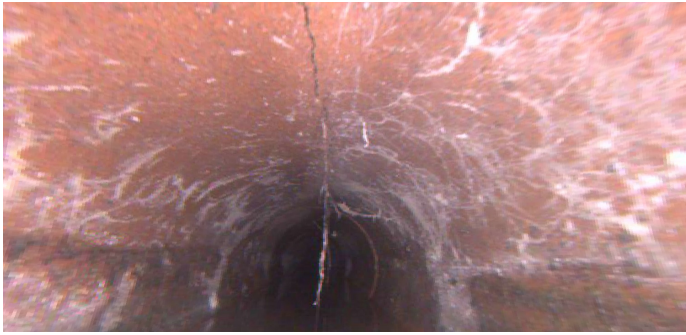


Distance (ft): **7.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **8.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---

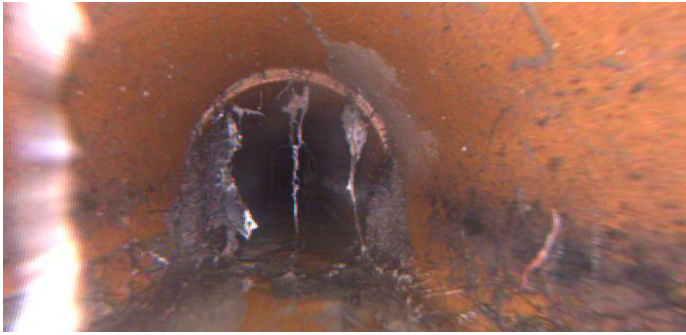
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **12.5**  
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:

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



Distance (ft): **27.2**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks:

---

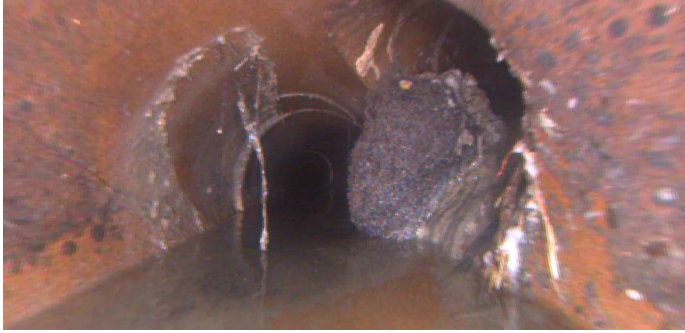
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **32.8**  
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: **RML**  
Description: **Roots Medium Lateral**



Distance (ft): **32.8**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **20.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---

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



Distance (ft): **35.9**  
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: **YES**  
Remarks:

---

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



Distance (ft): **49.1**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S03**  
Within 8" of Joint: **YES**  
Remarks: **wandering**

---

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



Distance (ft): **49.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **57.3**  
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: **pvc**

---

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

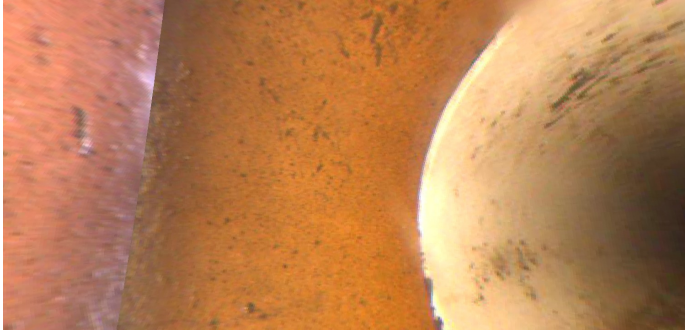


Distance (ft): **60.6**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **64.7**  
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**

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



Distance (ft): **72.8**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **75.9**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **1**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **25.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **76.4**  
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: **dae at joint**

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



Distance (ft): **76.4**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **76.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F03**  
Within 8" of Joint: **YES**  
Remarks: **wandering**