

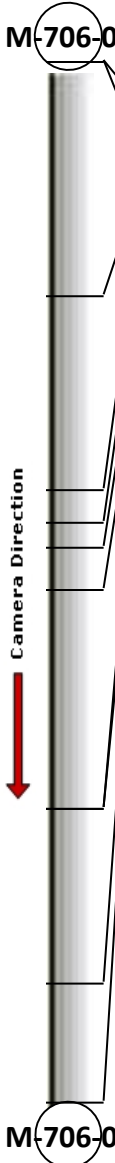
## Profile/Photo Observation Report



|                   |                   |             |                        |            |                      |
|-------------------|-------------------|-------------|------------------------|------------|----------------------|
| Date:             | <b>04/18/2018</b> | Weather:    |                        | Coding:    | <b>PACP 6.0</b>      |
| Pipe Length (ft): | <b>329.6</b>      | Owner:      | <b>NA</b>              | Pre Clean: | <b>Not Known</b>     |
| P.O.#:            |                   | Surveyor:   | <b>Byrd Fitzgerald</b> | PSR:       | <b>P-706-030-029</b> |
| Customer:         |                   | Clean Date: | <b>01/01/1900</b>      | Shape:     | <b>C</b>             |

|                   |  |                             |                       |
|-------------------|--|-----------------------------|-----------------------|
| Street:           | <b>STATE ST</b>                        | Flow Control:               | <b>Not Controlled</b> |
| City:             | <b>Hobart, IN</b>                      | Year Renewed:               |                       |
| Location:         | <b>Light Highway</b>                   | Tape/Media #:               |                       |
| Purpose:          | <b>Maintenance Related</b>             | Dia/Height:                 | <b>8"</b>             |
| Use:              | <b>Sanitary</b>                        | Material:                   | <b>VCP</b>            |
| Drain Area:       | <b>NA</b>                              | Lining:                     | <b>Cured in Place</b> |
| Category:         | <b>NA</b>                              |                             |                       |
| Comment:          | <b>Reverse setup. sediment at 48'.</b> |                             |                       |
| Location Details: |  | Direction of Survey:        | <b>Upstream</b>       |
| US MH:            | <b>M-706-029</b>                       | DS MH:                      | <b>M-706-030</b>      |
|                   |  | Total Length Surveyed (ft): | <b>49.9</b>           |

|                   |             |                   |             |                    |              |
|-------------------|-------------|-------------------|-------------|--------------------|--------------|
| O&M Index:        | <b>1.25</b> | O&M Quick:        | <b>2113</b> | O&M Rating:        | <b>5.00</b>  |
| Structural Index: | <b>3.00</b> | Structural Quick: | <b>4121</b> | Structural Rating: | <b>6.00</b>  |
| Overall Index:    | <b>1.83</b> | Overall Quick:    | <b>4122</b> | Overall Rating:    | <b>11.00</b> |

|  | Position | Code | Observation            | Video (sec) | Grade |
|--|----------|------|------------------------|-------------|-------|
|  | .0       | AMH  | Manhole                | 10          | NA    |
|  | .0       | MWL  | Water Level            | 21          | NA    |
|  | 11.2     | RFJ  | Roots Fine Joint       | 55          | M 1   |
|  | 20.5     | TB   | Tap Break-in           | 86          | NA    |
|  | 22.1     | TBI  | Tap Break-in Intruding | 101         | M 2   |
|  | 23.3     | RFJ  | Roots Fine Joint       | 115         | M 1   |
|  | 25.3     | RFJ  | Roots Fine Joint       | 130         | M 1   |
|  | 35.8     | CL   | Crack Longitudinal     | 163         | S 2   |
|  | 35.8     | TFC  | Tap Factory Capped     | 175         | NA    |
|  | 44.2     | FM   | Fracture Multiple      | 205         | S 4   |
|  | 49.9     | MSA  | Abandoned Survey       | 228         | 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-706-030**



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

Distance (ft): **11.2**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **2**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **TB**  
Description: **Tap Break-in**



Distance (ft): **20.5**  
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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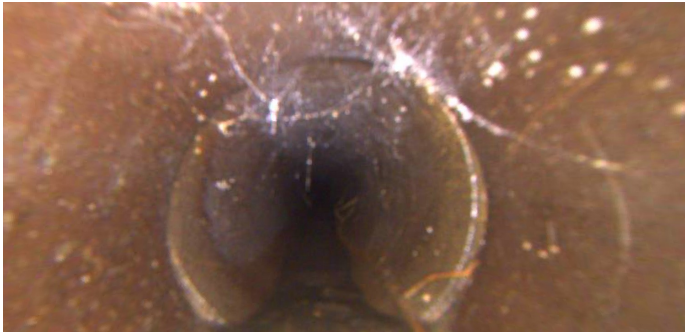
Code: **TBI**  
Description: **Tap Break-in Intruding**



Distance (ft): **22.1**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **3**  
Clock To:  
1st Value: **4.000**  
2nd Value: **1.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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



Distance (ft): **23.3**  
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:

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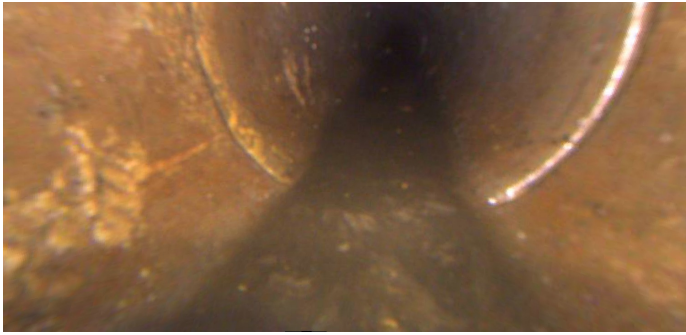
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **25.3**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **4**  
Clock To:  
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): **35.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

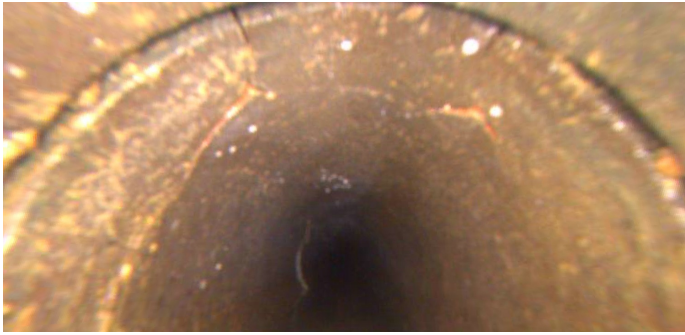


Distance (ft): **35.8**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **44.2**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **49.9**  
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: **Debris under water**