

Profile/Photo Observation Report

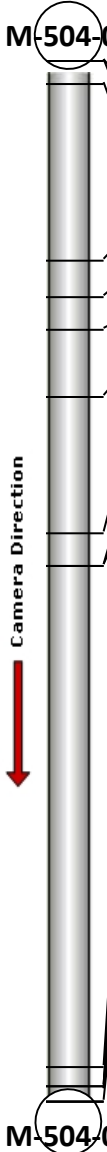


| | | | | | |
|-------------------|-------------------|-------------|------------------------|------------|----------------------|
| Date: | 04/18/2018 | Weather: | | Coding: | PACP 6.0 |
| Pipe Length (ft): | 150.4 | Owner: | NA | Pre Clean: | Not Known |
| P.O.#: | | Surveyor: | Byrd Fitzgerald | PSR: | P-504-013-012 |
| Customer: | | Clean Date: | 01/01/1900 | Shape: | C |

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

| | | | |
|-------------------|------------------|-----------------------------|-------------------|
| Location Details: | | Direction of Survey: | Downstream |
| US MH: | M-504-012 | DS MH: | M-504-013 |
| | | Total Length Surveyed (ft): | 75.4 |

| | | | | | |
|-------------------|-------------|-------------------|-------------|--------------------|--------------|
| O&M Index: | 1.79 | O&M Quick: | 3A22 | O&M Rating: | 50.00 |
| Structural Index: | 2.75 | Structural Quick: | 4131 | Structural Rating: | 11.00 |
| Overall Index: | 1.91 | Overall Quick: | 413A | Overall Rating: | 61.00 |

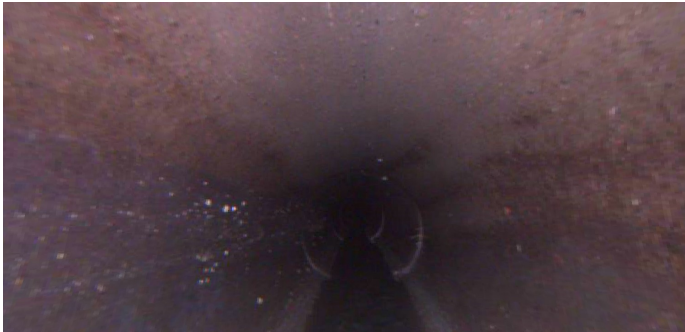
| | Position | Code | Observation | Video (sec) | Grade |
|--|----------|----------|-----------------------|-------------|-------|
|  | | | | | |
| | .0 | AMH | Manhole | 10 | NA |
| | .0 | MWL | Water Level | 21 | NA |
| | 2.5 | RFJ(S01) | Roots Fine Joint | 38 | M 1 |
| | 15.3 | CL(S02) | Crack Longitudinal | 75 | S 2 |
| | 17.9 | FS | Fracture Spiral | 92 | S 3 |
| | 20.3 | FM | Fracture Multiple | 108 | S 4 |
| | 25.2 | CL(F02) | Crack Longitudinal | 130 | S 2 |
| | 35.0 | RMJ(S03) | Roots Medium Joint | 161 | M 3 |
| | 37.4 | RFL | Roots Fine Lateral | 179 | M 1 |
| | 37.4 | TFD | Tap Factory Defective | 191 | M 2 |
| | 73.7 | RMJ | Roots Medium Joint | 276 | M 3 |
| | 75.1 | TFD | Tap Factory Defective | 291 | M 2 |
| | 75.1 | RML | Roots Medium Lateral | 302 | M 3 |
| | 75.4 | MSA | Abandoned Survey | 314 | NA |
| | 75.4 | RFJ(F01) | Roots Fine Joint | 325 | M 1 |
| | 75.4 | RMJ(F03) | Roots Medium Joint | 336 | M 3 |
| | | | | | |

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-504-012**

| | |
|--------------|--------------------|
| Code: | MWL |
| Description: | Water Level |



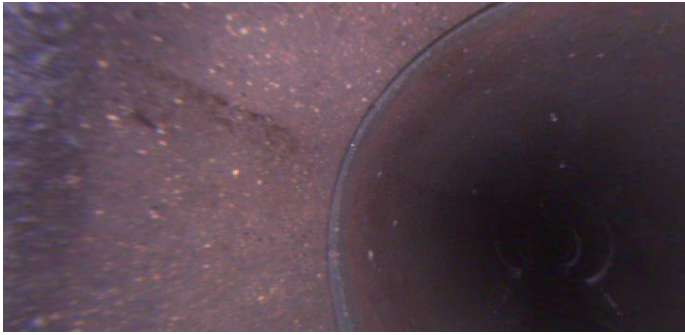
| | |
|---------------------|--------------|
| Distance (ft): | .0 |
| Structural Grade: | 0 |
| O&M Grade: | 0 |
| Clock Start/From: | |
| Clock To: | |
| 1st Value: | |
| 2nd Value: | |
| Value Percent: | 5.000 |
| Continuous Index: | |
| Within 8" of Joint: | NO |
| Remarks: | |

| | |
|--------------|-------------------------|
| Code: | RFJ |
| Description: | Roots Fine Joint |



| | |
|---------------------|------------------|
| Distance (ft): | 2.5 |
| Structural Grade: | 0 |
| O&M Grade: | 1 |
| Clock Start/From: | 3 |
| Clock To: | |
| 1st Value: | |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | S01 |
| Within 8" of Joint: | YES |
| Remarks: | wandering |

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



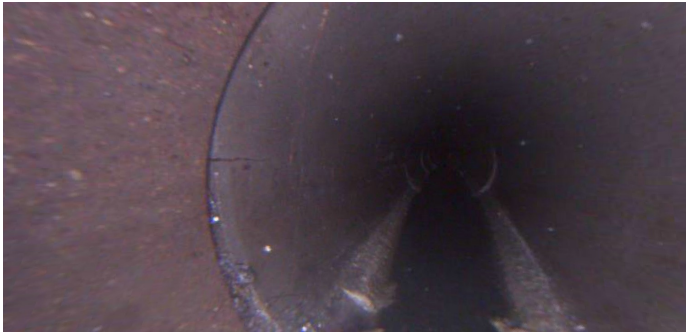
Distance (ft): **15.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **17.9**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **1**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **20.3**
Structural Grade: **4**
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: **CL**
Description: **Crack Longitudinal**



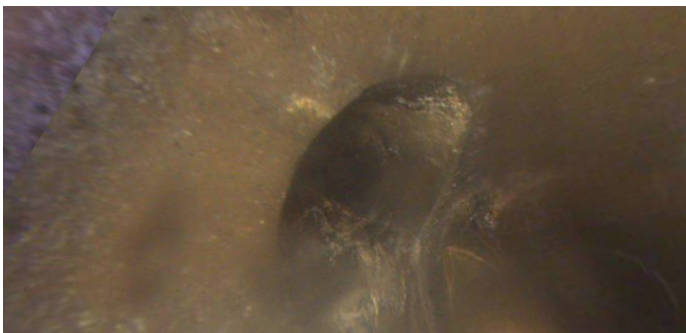
Distance (ft): **25.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks:

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



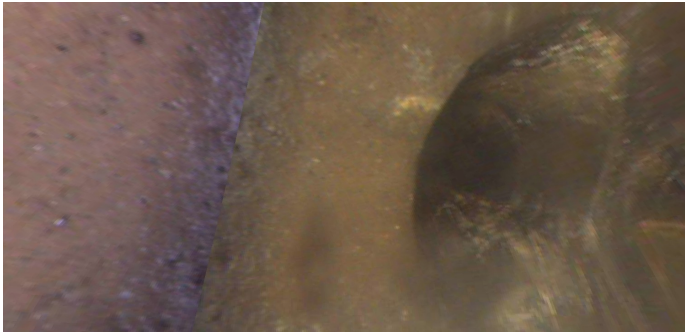
Distance (ft): **35.0**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S03**
Within 8" of Joint: **YES**
Remarks: **wandering**

Code: **RFL**
Description: **Roots Fine Lateral**



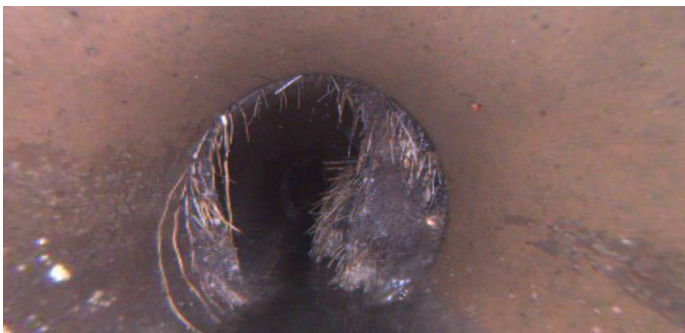
Distance (ft): **37.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **9**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



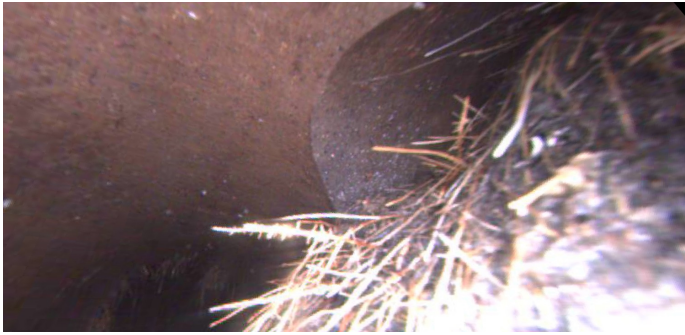
Distance (ft): **37.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **partially blocked**

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



Distance (ft): **73.7**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **30.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



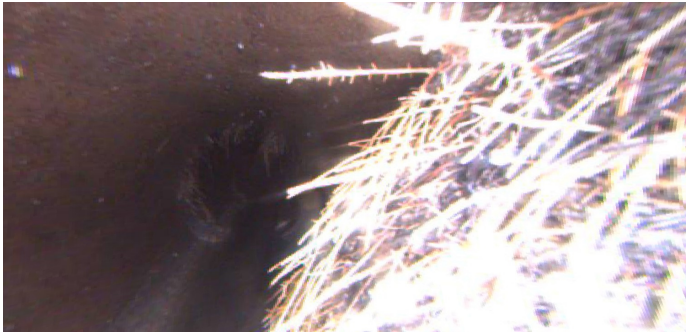
Distance (ft): **75.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **roots**

Code: **RML**
Description: **Roots Medium Lateral**



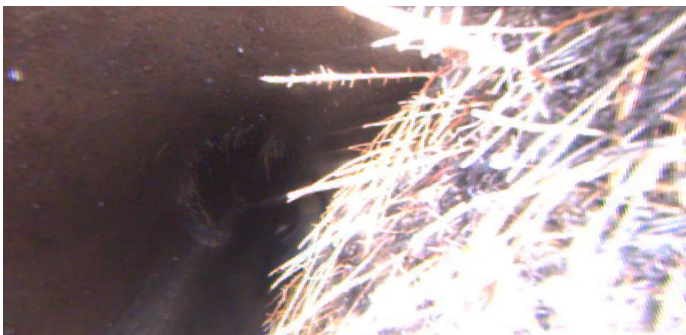
Distance (ft): **75.1**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **1**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **30.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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

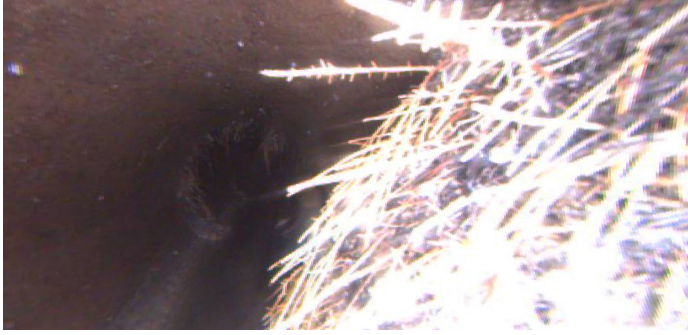


Distance (ft): **75.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **rbj**

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



Distance (ft): **75.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **3**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks: **wandering**



| | |
|---------------------|---------------------------|
| Code: | RMJ |
| Description: | Roots Medium Joint |
| Distance (ft): | 75.4 |
| Structural Grade: | 0 |
| O&M Grade: | 3 |
| Clock Start/From: | 7 |
| Clock To: | 5 |
| 1st Value: | |
| 2nd Value: | |
| Value Percent: | 5.000 |
| Continuous Index: | F03 |
| Within 8" of Joint: | YES |
| Remarks: | wandering |