

Profile/Photo Observation Report

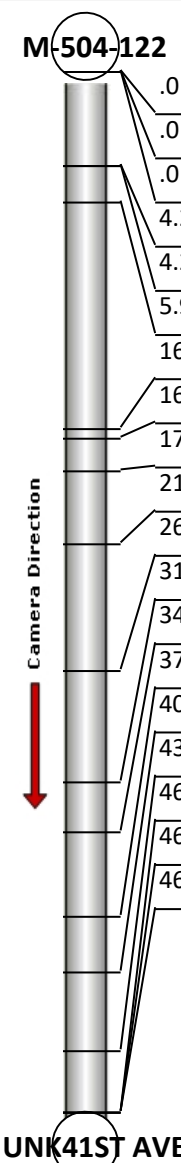


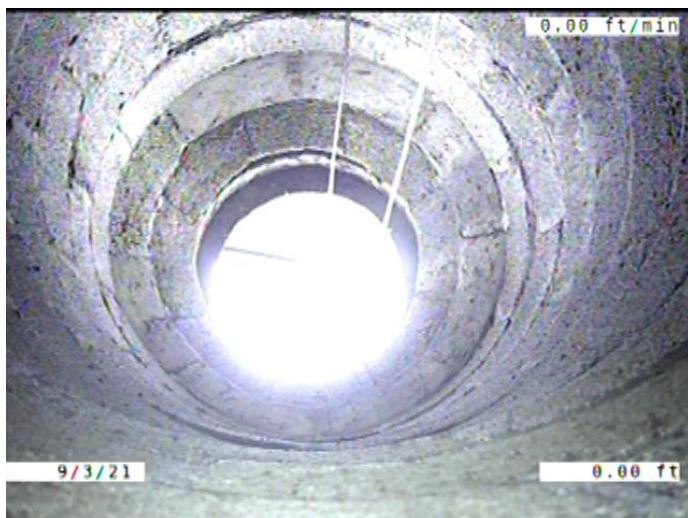
| | | | | | |
|-------------------|-----------------------|-------------|-----------------------|------------|-----------------------------|
| Date: | 09/03/2021 | Weather: | | Coding: | PACP 7.0 |
| Pipe Length (ft): | 475.0 | Owner: | City of Hobart | Pre Clean: | No Pre-Cleaning |
| P.O.#: | YES502259 | Surveyor: | S. Bucklin | PSR: | UNK41ST AVE_M-504-12 |
| Customer: | City of Hobart | Clean Date: | | Shape: | C |

| | | | |
|-------------|-----------------------------|---------------|-----------------------|
| Street: | 42nd Avenue | Flow Control: | Not Controlled |
| City: | Hobart, IN | Year Renewed: | |
| Location: | Alley | Tape/Media #: | |
| Purpose: | Routine Assessment | Dia/Height: | 12" |
| Use: | Sanitary Sewage Pipe | Material: | VCP |
| Drain Area: | | Lining: | |
| Category: | NA | | |
| Comment: | | | |

| | | | |
|-------------------|--------------------|-----------------------------|------------------|
| Location Details: | | Direction of Survey: | Upstream |
| US MH: | UNK41ST AVE | DS MH: | M-504-122 |
| | | Total Length Surveyed (ft): | 46.7 |

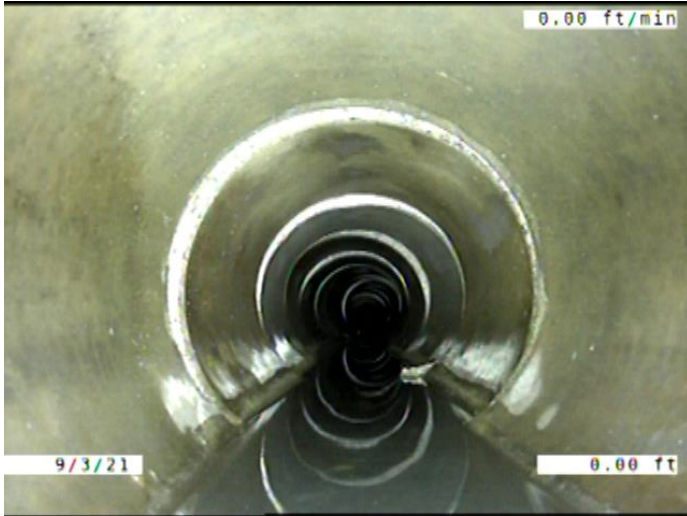
| | | | | | |
|-------------------|-------------|-------------------|-------------|--------------------|--------------|
| O&M Index: | 2.06 | O&M Quick: | 322A | O&M Rating: | 35.00 |
| Structural Index: | 2.67 | Structural Quick: | 3221 | Structural Rating: | 8.00 |
| Overall Index: | 2.15 | Overall Quick: | 342B | Overall Rating: | 43.00 |

| | Position | Code | Observation | Video (sec) | Grade |
|--|----------|----------|--------------------------------|-------------|-------|
|  | .0 | AMH | Manhole | 1 | NA |
| | .0 | MWL | Miscellaneous Water Level | 57 | NA |
| | .0 | DSF(S01) | Deposits Settled Fine | 71 | M 2 |
| | 4.2 | DAE | Deposits Attached Encrustation | 118 | M 2 |
| | 4.2 | RFJ | Roots Fine Joint | 132 | M 1 |
| | 5.9 | JOM | Joint Offset Medium | 169 | S 3 |
| | 16.0 | TFC | Tap Factory Capped | 217 | NA |
| | 16.5 | JOM | Joint Offset Medium | 236 | S 3 |
| | 17.9 | TFC | Tap Factory Capped | 256 | NA |
| | 21.2 | DAE | Deposits Attached Encrustation | 296 | M 2 |
| | 26.9 | CL | Crack Longitudinal | 347 | S 2 |
| | 31.9 | DAE | Deposits Attached Encrustation | 401 | M 2 |
| | 34.1 | DAE | Deposits Attached Encrustation | 444 | M 2 |
| | 37.9 | RMJ | Roots Medium Joint | 493 | M 3 |
| | 40.4 | DAE | Deposits Attached Encrustation | 565 | M 2 |
| | 43.9 | MWL | Miscellaneous Water Level | 611 | NA |
| | 46.7 | DSF(F01) | Deposits Settled Fine | 826 | M 2 |
| | 46.7 | DSF | Deposits Settled Fine | 849 | M 3 |
| | 46.7 | MSA | Miscellaneous Survey Abandoned | 872 | 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-504-122**



Code: **MWL**
Description: **Miscellaneous 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: **DSF**
Description: **Deposits Settled Fine**

Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **4.2**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **4**
 Clock To: **8**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



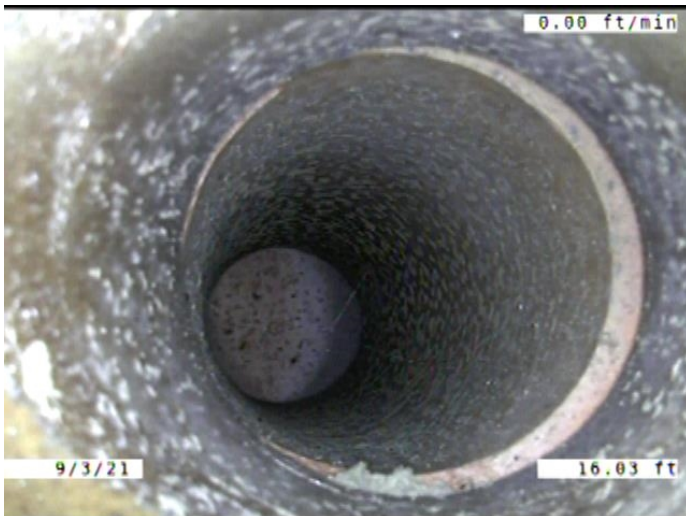
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **4.2**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **7**
 Clock To: **8**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



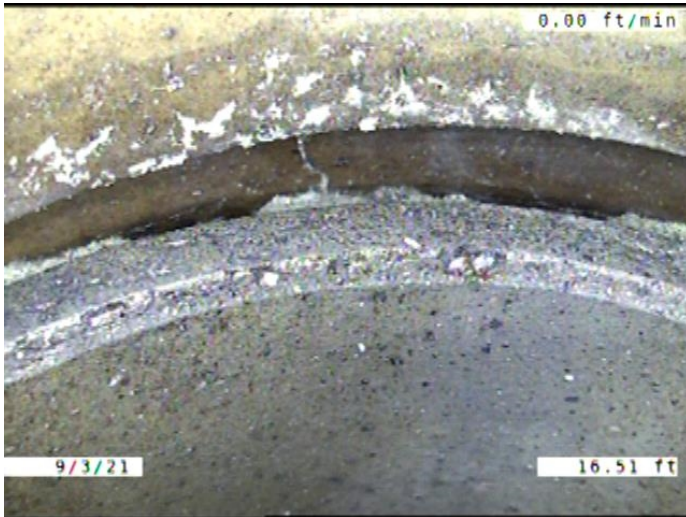
Code: **JOM**
Description: **Joint Offset Medium**

Distance (ft): **5.9**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



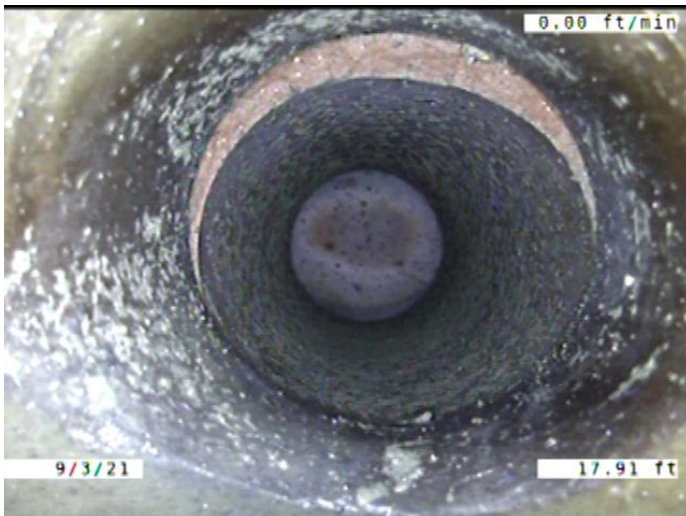
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **16.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **JOM**
 Description: **Joint Offset Medium**

Distance (ft): **16.5**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



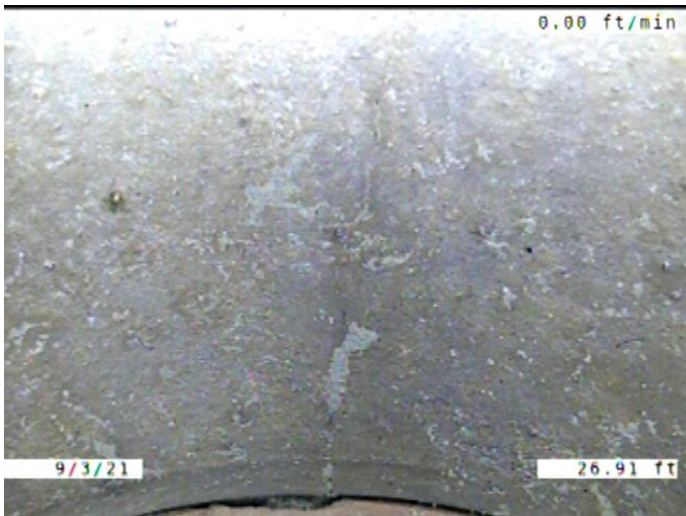
Code: **TFC**
 Description: **Tap Factory Capped**

Distance (ft): **17.9**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



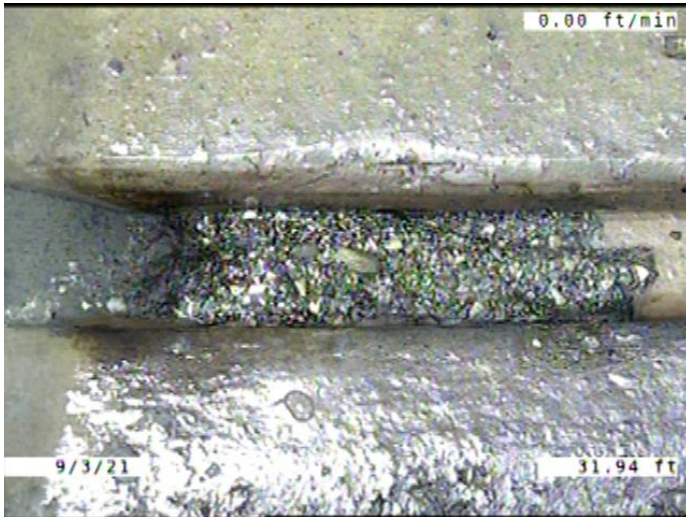
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **21.2**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **3**
 Clock To: **8**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



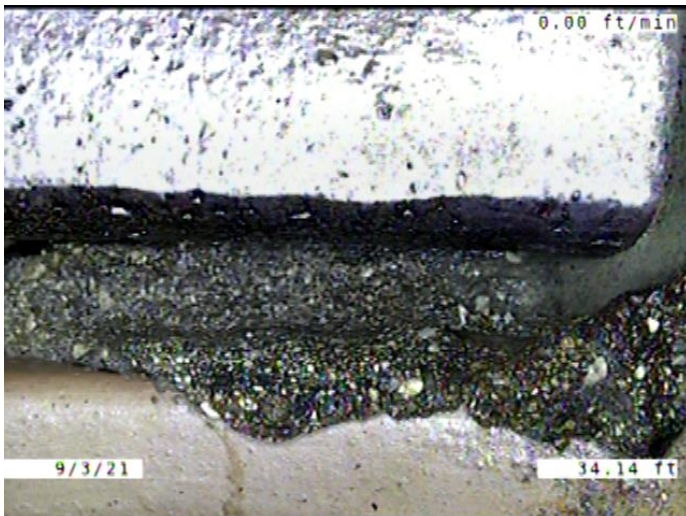
Code: **CL**
 Description: **Crack Longitudinal**

Distance (ft): **26.9**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



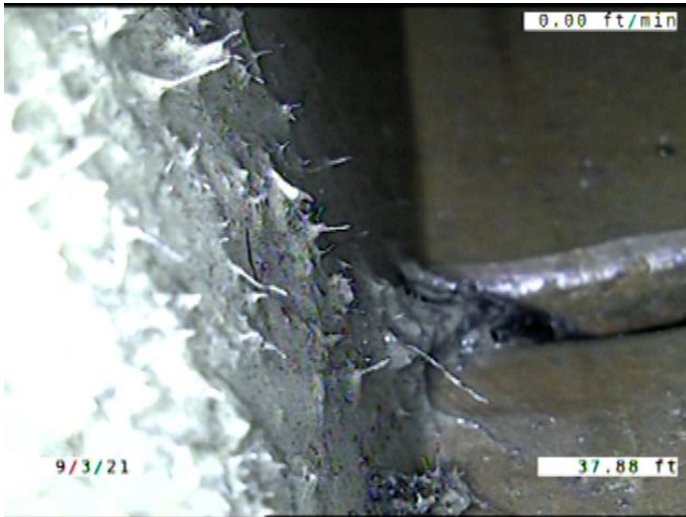
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **31.9**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **3**
 Clock To: **9**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **34.1**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **3**
 Clock To: **9**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



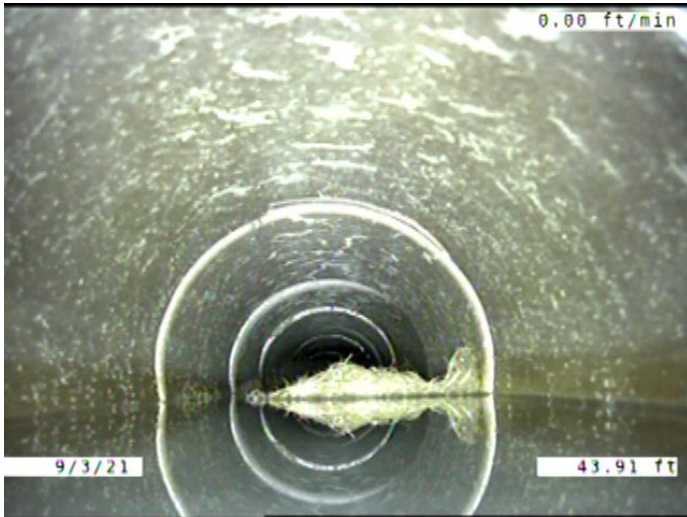
Code: **RMJ**
 Description: **Roots Medium Joint**

Distance (ft): **37.9**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **4**
 Clock To: **8**
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



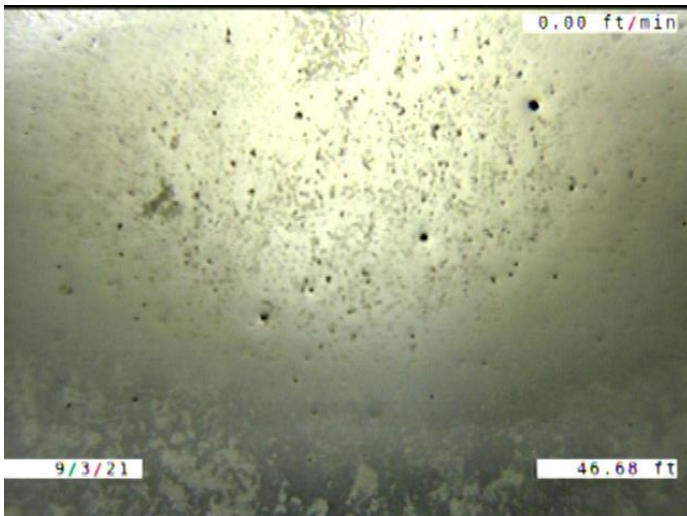
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **40.4**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **3**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **43.9**
 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: **DSF**
 Description: **Deposits Settled Fine**

Distance (ft): **46.7**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F01**
 Within 8" of Joint: **YES**
 Remarks:



Code: **DSF**
 Description: **Deposits Settled Fine**

Distance (ft): **46.7**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **4**
 Clock To: **8**
 1st Value:
 2nd Value:
 Value Percent: **20.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **46.7**
 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: **CAMERA CANT MAKE IT PAST ROOTS AND DEBRIS**