

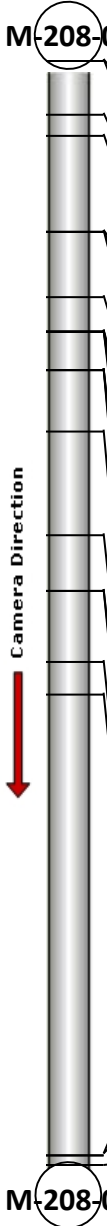
## Profile/Photo Observation Report

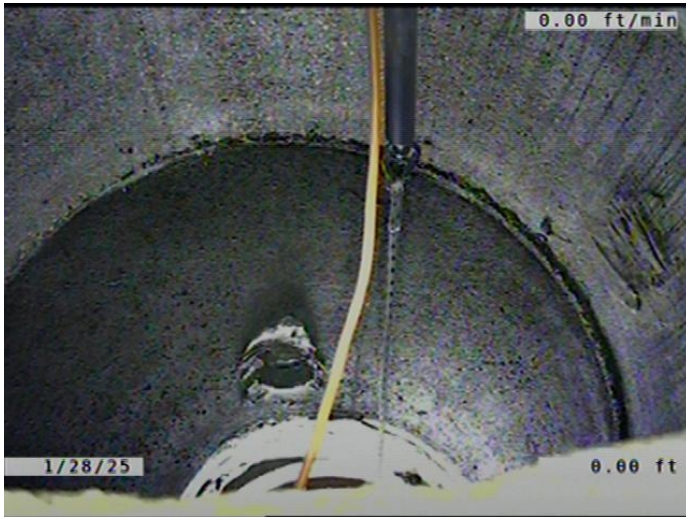


|                   |                       |             |                       |            |                       |
|-------------------|-----------------------|-------------|-----------------------|------------|-----------------------|
| Date:             | <b>01/28/2025</b>     | Weather:    |                       | Coding:    | <b>PACP 7.0</b>       |
| Pipe Length (ft): | <b>186.0</b>          | Owner:      | <b>City of Hobart</b> | Pre Clean: | <b>Heavy Cleaning</b> |
| P.O.#:            | <b>YES502259</b>      | Surveyor:   | <b>S. Bucklin</b>     | PSR:       | <b>P-208-023-024</b>  |
| Customer:         | <b>City of Hobart</b> | Clean Date: | <b>07/22/2024</b>     | Shape:     | <b>C</b>              |

|                   |   |                             |                       |
|-------------------|---|-----------------------------|-----------------------|
| Street:           | <b>Liverpool Road</b>                     | Flow Control:               | <b>Not Controlled</b> |
| City:             | <b>Hobart, IN</b>                         | Year Renewed:               |                       |
| Location:         | <b>Yard</b>                               | Tape/Media #:               |                       |
| Purpose:          | <b>Sewer System Evaluation Survey (SS</b> | Dia/Height:                 | <b>15"</b>            |
| Use:              | <b>Sanitary Sewage Pipe</b>               | Material:                   | <b>VCP</b>            |
| Drain Area:       |   | Lining:                     | <b>None</b>           |
| Category:         | <b>NA</b>                                 |                             |                       |
| Comment:          |   |                             |                       |
| Location Details: |   | Direction of Survey:        | <b>Downstream</b>     |
| US MH:            | <b>M-208-024</b>                          | DS MH:                      | <b>M-208-023</b>      |
|                   |   | Total Length Surveyed (ft): | <b>101.3</b>          |

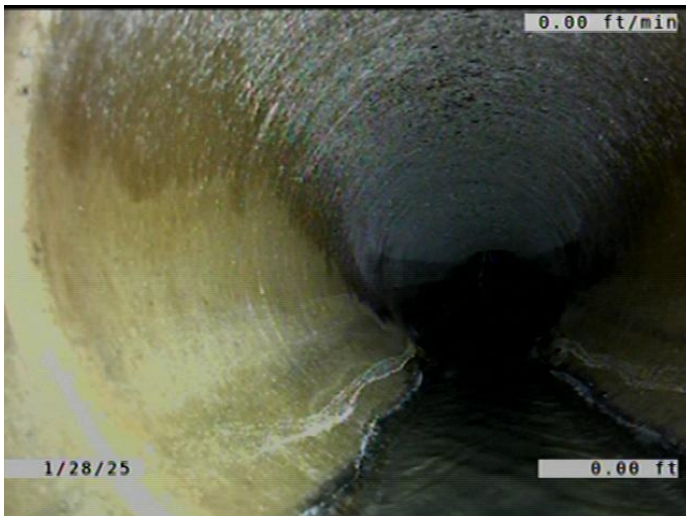
|                   |             |                   |             |                    |              |
|-------------------|-------------|-------------------|-------------|--------------------|--------------|
| O&M Index:        | <b>1.58</b> | O&M Quick:        | <b>2715</b> | O&M Rating:        | <b>19.00</b> |
| Structural Index: | <b>3.67</b> | Structural Quick: | <b>4834</b> | Structural Rating: | <b>44.00</b> |
| Overall Index:    | <b>2.63</b> | Overall Quick:    | <b>4834</b> | Overall Rating:    | <b>63.00</b> |

|  | Position  | Code     | Observation                     | Video (sec) | Grade |
|--|-----------|----------|---------------------------------|-------------|-------|
|  <p>Camera Direction</p> | M-208-024 |          |                                 |             |       |
|  | .0        | AMH      | Manhole                         | 0           | NA    |
|  | .0        | MWL      | Miscellaneous Water Level       | 61          | NA    |
|  | 5.0       | MWL      | Miscellaneous Water Level       | 101         | NA    |
|  | 6.8       | JOMD     | Joint Offset Medium Defective   | 144         | S 3   |
|  | 15.6      | DAR      | Deposits Attached Ragging       | 212         | M 2   |
|  | 15.6      | RTJ(S01) | Roots Tap Joint                 | 251         | M 2   |
|  | 15.7      | FS       | Fracture Spiral                 | 269         | S 3   |
|  | 21.7      | B        | Broken                          | 322         | S 4   |
|  | 24.8      | B        | Broken                          | 381         | S 4   |
|  | 24.8      | RFB      | Roots Fine Barrel               | 393         | M 2   |
|  | 24.8      | B        | Broken                          | 438         | S 4   |
|  | 24.8      | RFJ(S02) | Roots Fine Joint                | 452         | M 1   |
|  | 24.8      | RTJ(F01) | Roots Tap Joint                 | 465         | M 2   |
|  | 28.3      | JOMD     | Joint Offset Medium Defective   | 510         | S 3   |
|  | 28.3      | B        | Broken                          | 546         | S 4   |
|  | 28.3      | RFB      | Roots Fine Barrel               | 558         | M 2   |
|  | 34.0      | B(S03)   | Broken                          | 642         | S 4   |
|  | 43.6      | JOMD     | Joint Offset Medium Defective   | 713         | S 3   |
|  | 48.7      | RFJ(F02) | Roots Fine Joint                | 746         | M 1   |
|  | 48.7      | B(F03)   | Broken                          | 753         | S 4   |
|  | 55.2      | FM       | Fracture Multiple               | 798         | S 4   |
|  | 58.2      | MWL      | Miscellaneous Water Level       | 823         | NA    |
|  | 100.4     | DAR      | Deposits Attached Ragging       | 983         | M 2   |
|  | 100.4     | OBJ      | Obstruction Wedged In The Joint | 1008        | M 2   |
|  | 101.3     | MSA      | Miscellaneous Survey Abandoned  | 1089        | NA    |
|  | M-208-023 |          |                                 |             |       |



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-208-024**



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

Distance (ft): **5.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **25.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

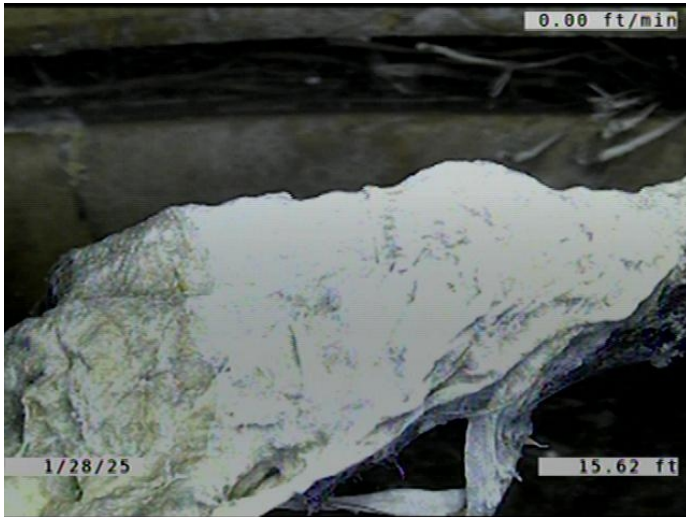
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Code: **JOMD**  
Description: **Joint Offset Medium Defective**

Distance (ft): **6.8**  
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:

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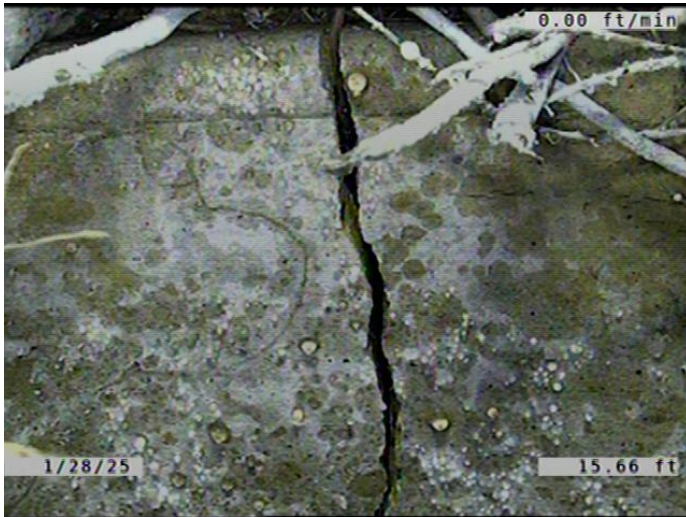


|                     |                                  |
|---------------------|----------------------------------|
| Code:               | <b>DAR</b>                       |
| Description:        | <b>Deposits Attached Ragging</b> |
| Distance (ft):      | <b>15.6</b>                      |
| Structural Grade:   | <b>0</b>                         |
| O&M Grade:          | <b>2</b>                         |
| Clock Start/From:   | <b>8</b>                         |
| Clock To:           | <b>10</b>                        |
| 1st Value:          |                                  |
| 2nd Value:          |                                  |
| Value Percent:      | <b>5.000</b>                     |
| Continuous Index:   |                                  |
| Within 8" of Joint: | <b>YES</b>                       |
| Remarks:            |                                  |



|                     |                        |
|---------------------|------------------------|
| Code:               | <b>RTJ</b>             |
| Description:        | <b>Roots Tap Joint</b> |
| Distance (ft):      | <b>15.6</b>            |
| Structural Grade:   | <b>0</b>               |
| O&M Grade:          | <b>2</b>               |
| Clock Start/From:   | <b>8</b>               |
| Clock To:           | <b>4</b>               |
| 1st Value:          |                        |
| 2nd Value:          |                        |
| Value Percent:      | <b>5.000</b>           |
| Continuous Index:   | <b>S01</b>             |
| Within 8" of Joint: | <b>YES</b>             |
| Remarks:            |                        |

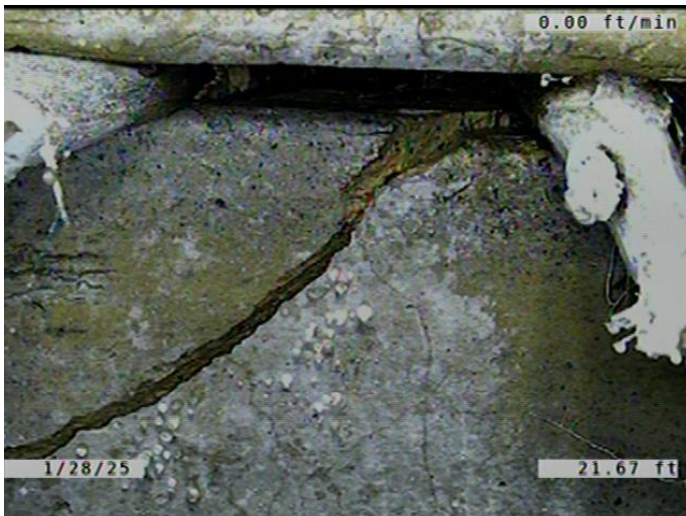




Code: **FS**  
Description: **Fracture Spiral**

Distance (ft): **15.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



Code: **B**  
Description: **Broken**

Distance (ft): **21.7**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

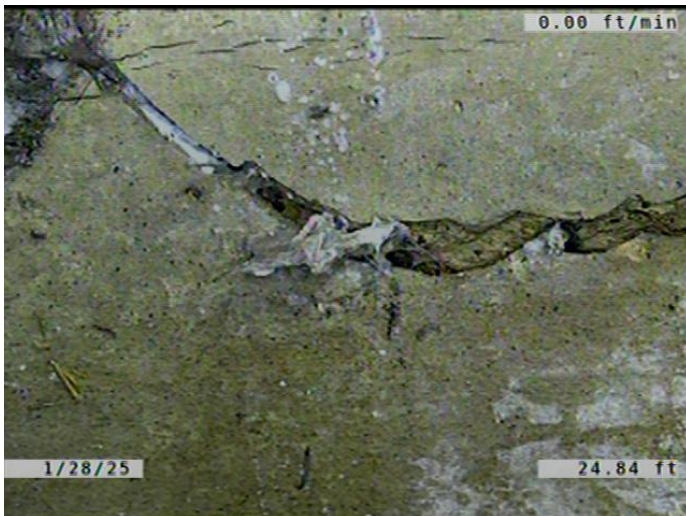
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Code: **B**  
Description: **Broken**

Distance (ft): **24.8**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

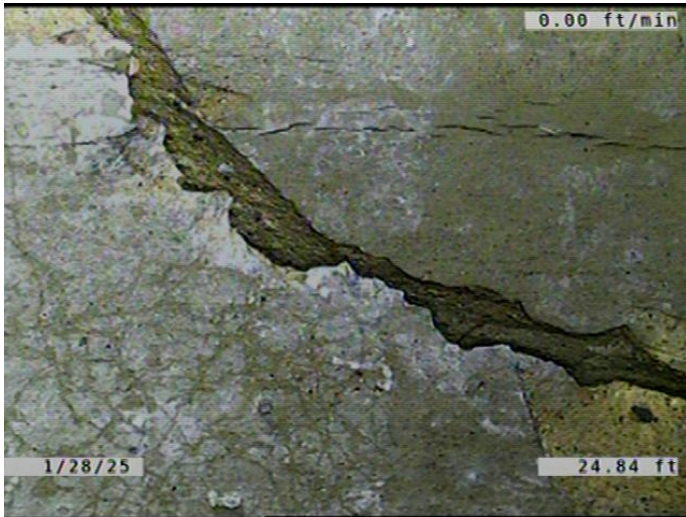
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Code: **RFB**  
Description: **Roots Fine Barrel**

Distance (ft): **24.8**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

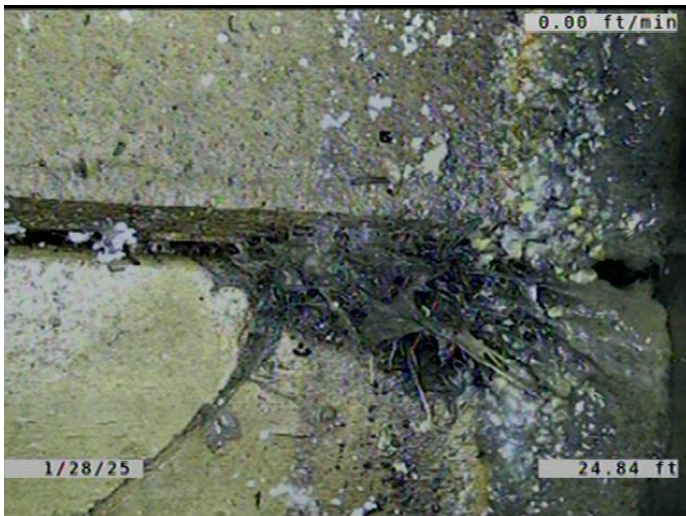
---



Code: **B**  
Description: **Broken**

Distance (ft): **24.8**  
Structural Grade: **4**  
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: **RFJ**  
Description: **Roots Fine Joint**

Distance (ft): **24.8**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks:

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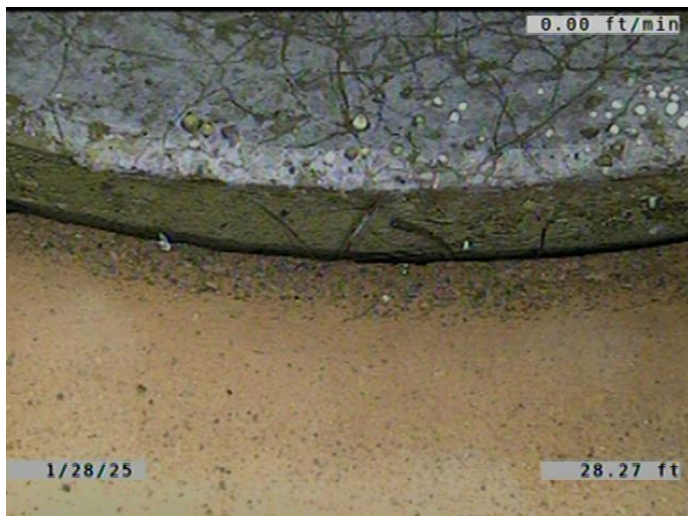




Code: **RTJ**  
Description: **Roots Tap Joint**

Distance (ft): **24.8**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

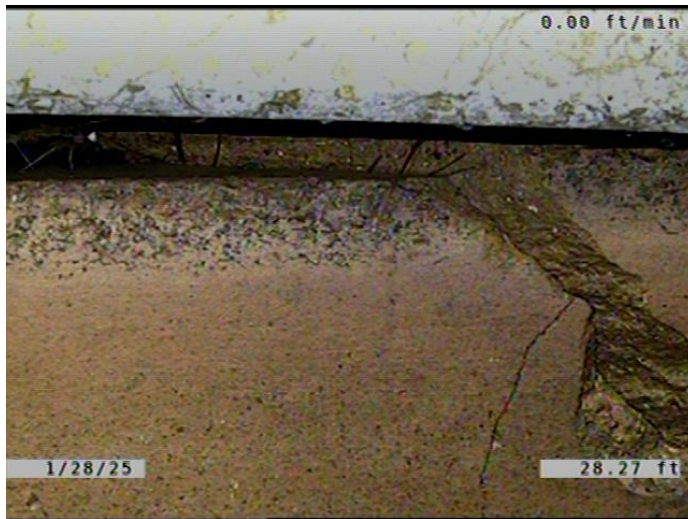
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Code: **JOMD**  
Description: **Joint Offset Medium Defective**

Distance (ft): **28.3**  
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: **B**  
Description: **Broken**

Distance (ft): **28.3**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

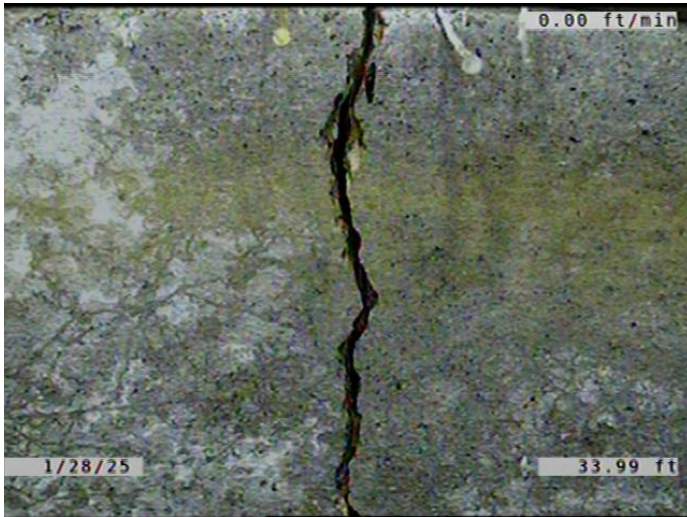
---



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

Distance (ft): **28.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **1**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

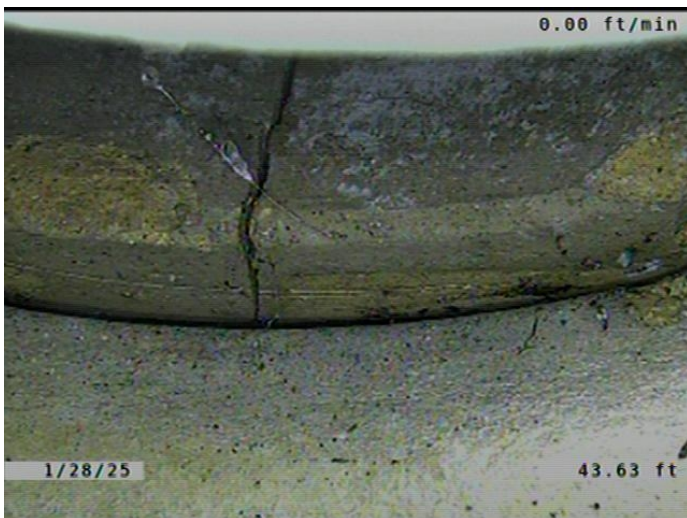
---



Code: **B**  
Description: **Broken**

Distance (ft): **34.0**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S03**  
Within 8" of Joint: **YES**  
Remarks:

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Code: **JOMD**  
Description: **Joint Offset Medium Defective**

Distance (ft): **43.6**  
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:

---

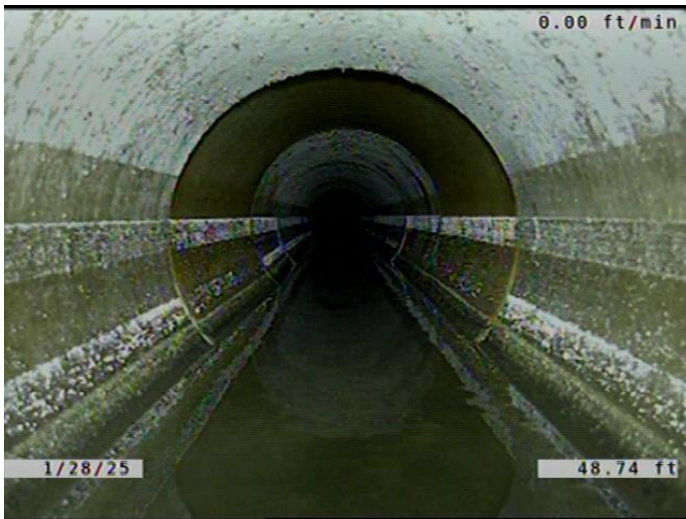




Code: **RFJ**  
Description: **Roots Fine Joint**

Distance (ft): **48.7**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks:

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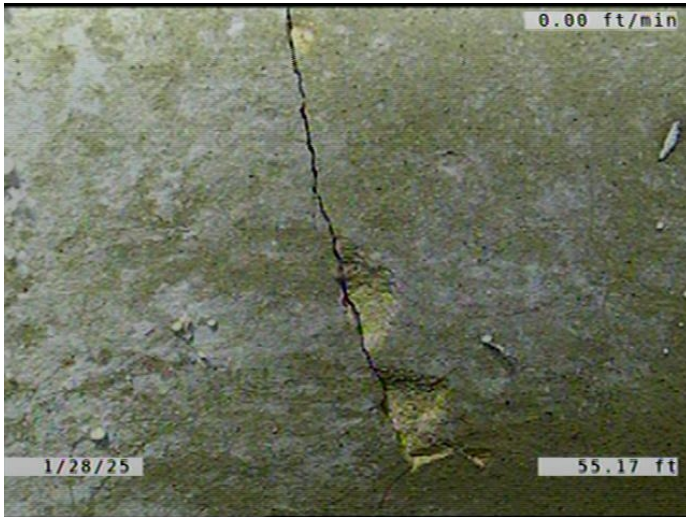


Code: **B**  
Description: **Broken**

Distance (ft): **48.7**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F03**  
Within 8" of Joint: **YES**  
Remarks:

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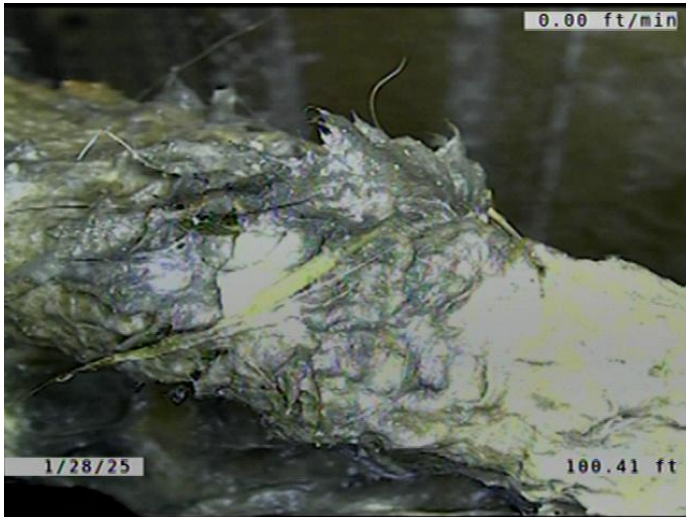
Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **55.2**  
Structural Grade: **4**  
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: **MWL**  
Description: **Miscellaneous Water Level**

Distance (ft): **58.2**  
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: **DAR**  
Description: **Deposits Attached Ragging**

Distance (ft): **100.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **6**  
Clock To: **8**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

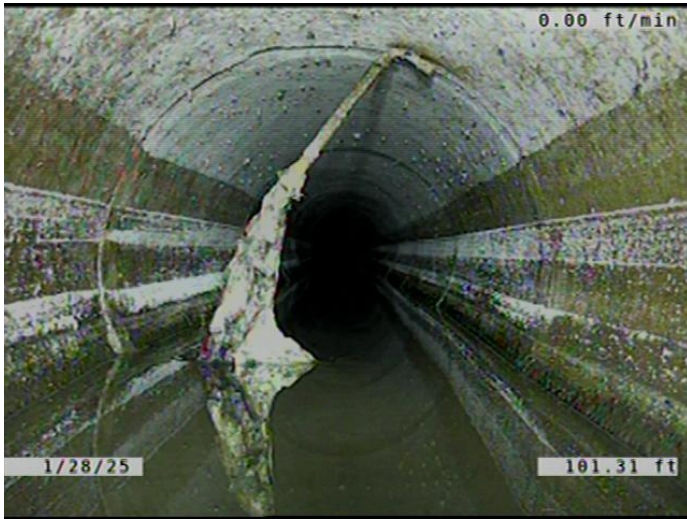
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Code: **OBJ**  
Description: **Obstruction Wedged In The Joint**

Distance (ft): **100.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **SQUARE METAL ROD WEDGED IN THE JOINT.**

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Code:

**MSA**

Description:

**Miscellaneous Survey Abandoned**

Distance (ft):

**101.3**

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:

**CAMERA NOT ABLE TO MAKE IT  
PAST METAL ROD IN THE JOINT. MA**