

Profile/Photo Observation Report



| | | | | | |
|-------------------|----------------|-------------|----------------|------------|----------------|
| Date: | 10/17/2021 | Weather: | | Coding: | PACP 7.0 |
| Pipe Length (ft): | 343.5 | Owner: | City of Hobart | Pre Clean: | Heavy Cleaning |
| P.O.#: | YES502259 | Surveyor: | S. Bucklin | PSR: | P-704-013-012 |
| Customer: | City of Hobart | Clean Date: | 10/13/2021 | Shape: | C |

| | | | |
|-------------------|---|-----------------------------|----------------|
| Street: | North Michigan Avenue | Flow Control: | Not Controlled |
| City: | Hobart, IN | Year Renewed: | |
| Location: | Local rural streets with light traffic, t | 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: | Downstream |
| US MH: | M-704-013 | DS MH: | M-704-012 |
| | | Total Length Surveyed (ft): | 343.5 |

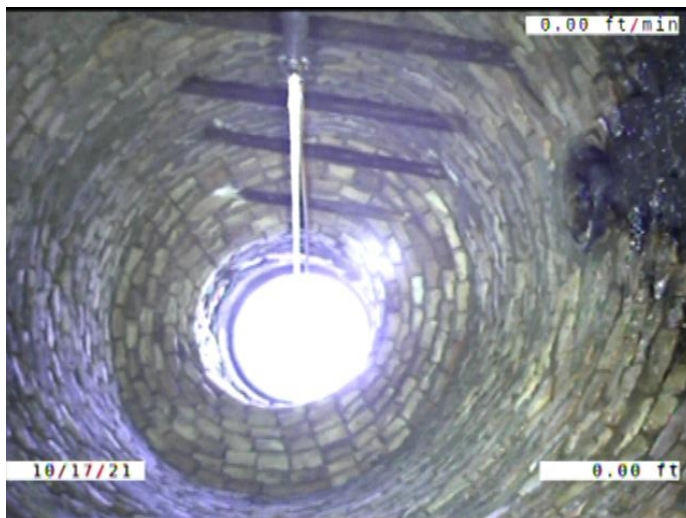
| | | | | | |
|-------------------|------|-------------------|------|--------------------|--------|
| O&M Index: | 2.02 | O&M Quick: | 4135 | O&M Rating: | 395.00 |
| Structural Index: | 3.15 | Structural Quick: | 4C3J | Structural Rating: | 271.00 |
| Overall Index: | 2.36 | Overall Quick: | 4C3K | Overall Rating: | 666.00 |

| Position | Code | Observation | Video (sec) | Grade |
|----------|-----------|--------------------------------|-------------|-------|
| | | | | |
| .0 | AMH | Manhole | 2 | NA |
| .0 | MWL | Miscellaneous Water Level | 70 | NA |
| 1.1 | CM | Crack Multiple | 132 | S 3 |
| 1.1 | ISB | Infiltration Stain Barrel | 148 | M 1 |
| 1.1 | ISB | Infiltration Stain Barrel | 169 | M 1 |
| 1.1 | FM | Fracture Multiple | 220 | S 4 |
| 1.1 | DAE | Deposits Attached Encrustation | 229 | M 2 |
| 3.2 | B | Broken | 286 | S 4 |
| 3.2 | ISB | Infiltration Stain Barrel | 305 | M 1 |
| 6.1 | JAL | Joint Angular Large | 371 | S 4 |
| 9.4 | JAL | Joint Angular Large | 406 | S 4 |
| 9.4 | FM | Fracture Multiple | 430 | S 4 |
| 9.4 | JOMD | Joint Offset Medium Defective | 459 | S 3 |
| 12.2 | MWLS(S01) | Miscellaneous Water Level Sag | 503 | S 2 |
| 12.2 | DAE | Deposits Attached Encrustation | 534 | M 2 |
| 12.2 | JAM | Joint Angular Medium | 544 | S 3 |
| 12.2 | CL | Crack Longitudinal | 557 | S 2 |
| 16.6 | TFD | Tap Factory Defective | 613 | M 3 |
| 17.3 | DAE | Deposits Attached Encrustation | 643 | M 2 |

| | | | | |
|-------|-----------|---------------------------------|------|-----|
| 17.7 | DSF | Deposits Settled Fine | 665 | M 2 |
| 17.7 | MWLS(F01) | Miscellaneous Water Level Sag | 676 | S 2 |
| 20.4 | DAE(S02) | Deposits Attached Encrustation | 825 | M 2 |
| 23.7 | DAE(S03) | Deposits Attached Encrustation | 880 | M 2 |
| 23.7 | FM | Fracture Multiple | 905 | S 4 |
| 26.8 | B | Broken | 983 | S 4 |
| 27.7 | LR | Line Right | 1003 | M 1 |
| 29.9 | JAM | Joint Angular Medium | 1017 | S 3 |
| 32.9 | DSF | Deposits Settled Fine | 1071 | M 2 |
| 40.2 | TFC | Tap Factory Capped | 1116 | NA |
| 47.1 | B | Broken | 1204 | S 4 |
| 47.1 | DAE | Deposits Attached Encrustation | 1235 | M 2 |
| 47.9 | TBD | Tap Break-in/Hammer Defective | 1262 | M 3 |
| 49.4 | FM | Fracture Multiple | 1296 | S 4 |
| 49.4 | JAL | Joint Angular Large | 1304 | S 4 |
| 50.4 | TFD | Tap Factory Defective | 1336 | M 3 |
| 59.5 | SSS | Surface Damage Surface Spalling | 1436 | S 2 |
| 70.1 | JAL | Joint Angular Large | 1520 | S 4 |
| 72.3 | JAM(S05) | Joint Angular Medium | 1555 | S 3 |
| 75.5 | TFD | Tap Factory Defective | 1589 | M 3 |
| 94.9 | DSF(S06) | Deposits Settled Fine | 1708 | M 2 |
| 96.3 | TFD | Tap Factory Defective | 1732 | M 3 |
| 98.3 | TFC | Tap Factory Capped | 1765 | NA |
| 101.1 | SZ | Surface Damage Other | 1797 | NA |
| 103.9 | DSC | Deposits Settled Hard/Compacted | 1853 | M 2 |
| 126.1 | MMC | Miscellaneous Material Change | 2026 | NA |
| 127.8 | IRJ | Infiltration Runner Joint | 2096 | M 4 |
| 127.9 | TF | Tap Factory | 2117 | NA |
| 130.1 | TF | Tap Factory | 2149 | NA |
| 131.1 | MMC | Miscellaneous Material Change | 2199 | NA |
| 136.9 | B | Broken | 2255 | S 4 |
| 138.6 | B | Broken | 2301 | S 4 |
| 141.9 | TFC | Tap Factory Capped | 2337 | NA |
| 152.5 | TFC | Tap Factory Capped | 2438 | NA |
| 157.2 | SSS | Surface Damage Surface Spalling | 2472 | S 2 |
| 167.4 | DSC | Deposits Settled Hard/Compacted | 2535 | M 2 |
| 195.8 | TF | Tap Factory | 2702 | NA |
| 202.5 | B | Broken | 2778 | S 4 |
| 205.2 | B | Broken | 2858 | S 4 |
| 206.3 | TFC | Tap Factory Capped | 2882 | NA |
| 215.4 | SSS | Surface Damage Surface Spalling | 2932 | S 2 |
| 215.4 | FM | Fracture Multiple | 2964 | S 4 |

| | | | | |
|-------|----------|---------------------------------|------|-----|
| 217.5 | FM | Fracture Multiple | 3026 | S 4 |
| 223.6 | FM | Fracture Multiple | 3075 | S 4 |
| 232.0 | CM | Crack Multiple | 3139 | S 3 |
| 241.7 | TFC | Tap Factory Capped | 3186 | NA |
| 243.7 | TFC | Tap Factory Capped | 3217 | NA |
| 246.4 | SSS | Surface Damage Surface Spalling | 3272 | S 2 |
| 254.8 | B | Broken | 3375 | S 4 |
| 258.8 | SSS | Surface Damage Surface Spalling | 3410 | S 2 |
| 258.8 | B | Broken | 3425 | S 4 |
| 267.9 | MWL | Miscellaneous Water Level | 3488 | NA |
| 271.3 | MMC | Miscellaneous Material Change | 3539 | NA |
| 272.8 | TF | Tap Factory | 3586 | NA |
| 282.1 | MMC | Miscellaneous Material Change | 3691 | NA |
| 286.5 | MWL | Miscellaneous Water Level | 3733 | NA |
| 338.9 | OBZ | Obstruction Other | 3977 | M 2 |
| 341.8 | DAE(F02) | Deposits Attached Encrustation | 4005 | M 2 |
| 341.8 | JAM(F05) | Joint Angular Medium | 4012 | S 3 |
| 341.8 | DAE(F03) | Deposits Attached Encrustation | 4020 | M 2 |
| 341.8 | DSF(F06) | Deposits Settled Fine | 4027 | M 2 |
| 343.5 | AMH | Manhole | 4126 | NA |

M-704-012



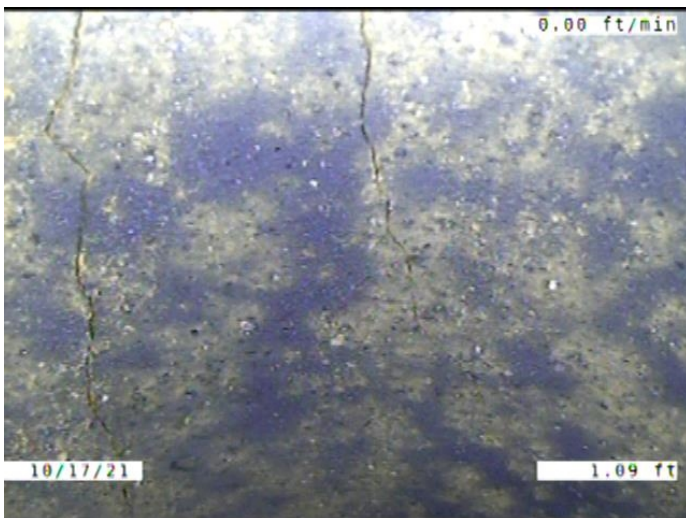
Code: **AMH**
Description: **Manhole**

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-704-013**



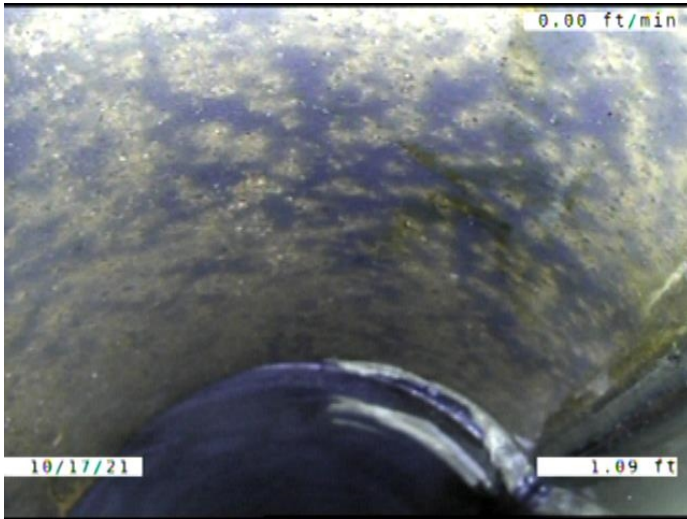
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **.0**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



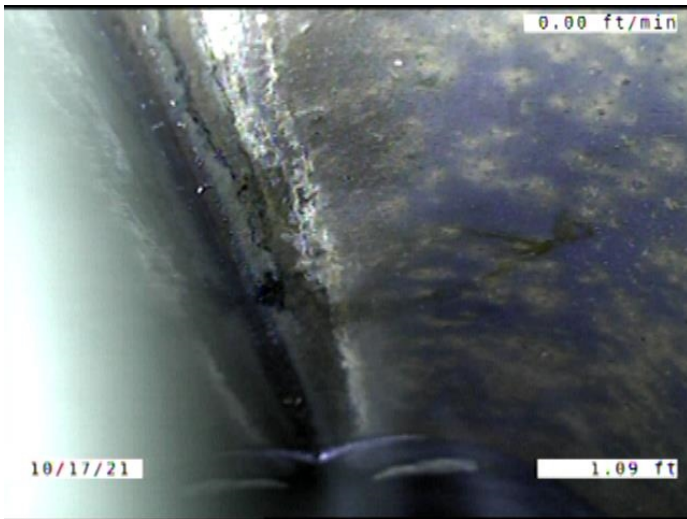
Code: **CM**
 Description: **Crack Multiple**

Distance (ft): **1.1**
 Structural Grade: **3**
 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:



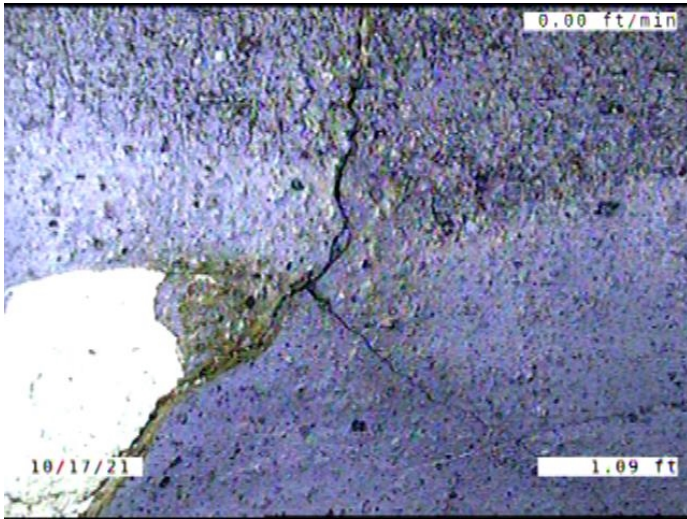
Code: **ISB**
Description: **Infiltration Stain Barrel**

Distance (ft): **1.1**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **2**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



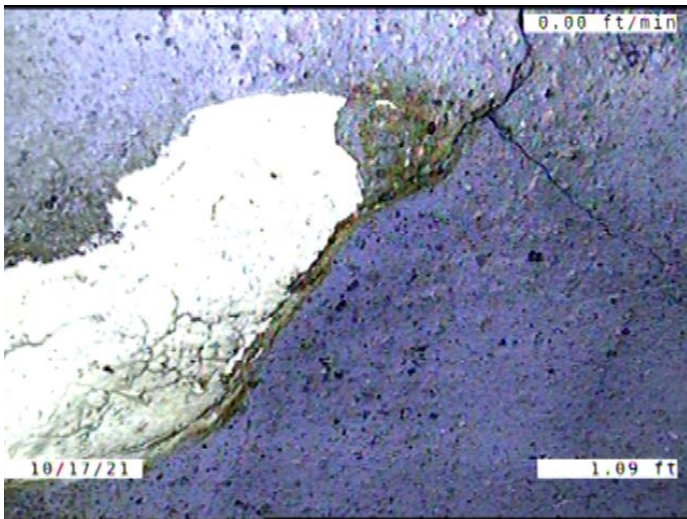
Code: **ISB**
Description: **Infiltration Stain Barrel**

Distance (ft): **1.1**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **11**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



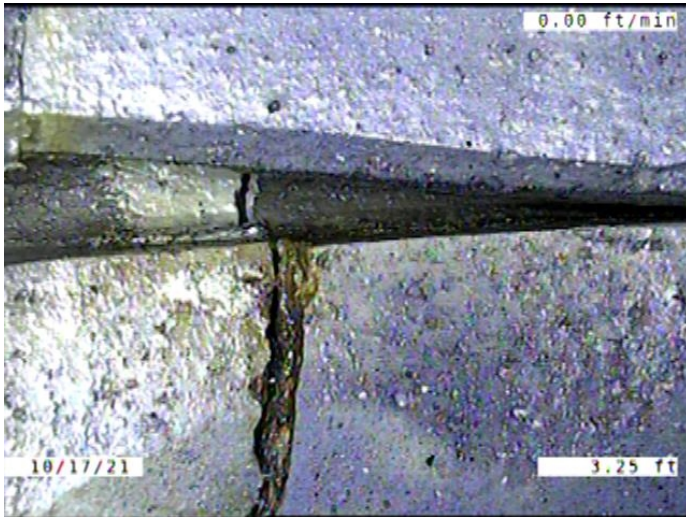
Code: **FM**
 Description: **Fracture Multiple**

Distance (ft): **1.1**
 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:



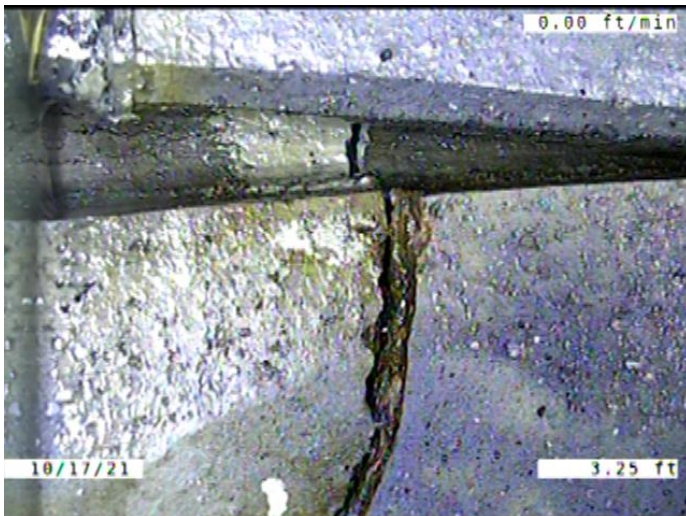
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **1.1**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



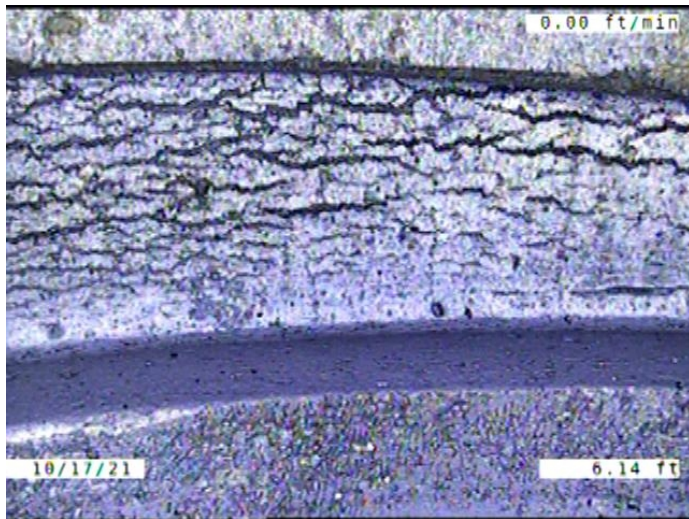
Code: **B**
Description: **Broken**

Distance (ft): **3.2**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **9**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



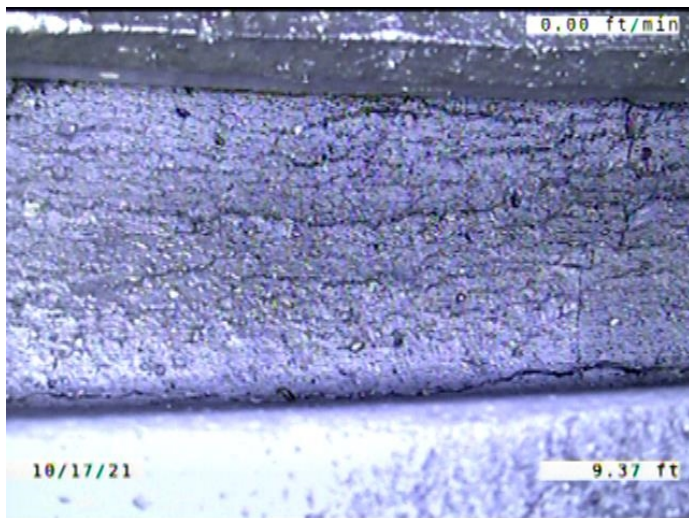
Code: **ISB**
Description: **Infiltration Stain Barrel**

Distance (ft): **3.2**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **9**
Clock To: **10**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



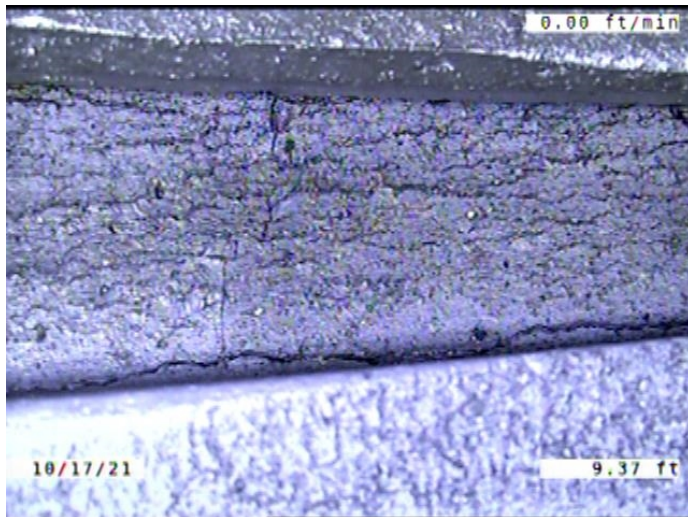
Code: **JAL**
Description: **Joint Angular Large**

Distance (ft): **6.1**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code: **JAL**
Description: **Joint Angular Large**

Distance (ft): **9.4**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **9.4**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **8**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



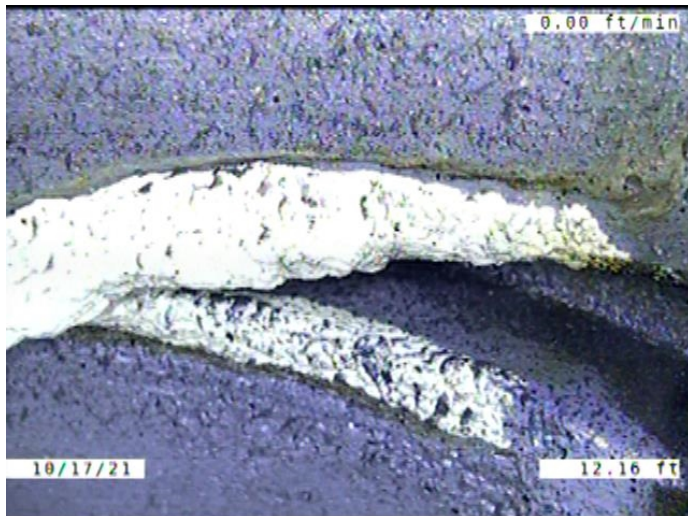
Code: **JOMD**
 Description: **Joint Offset Medium Defective**

Distance (ft): **9.4**
 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:



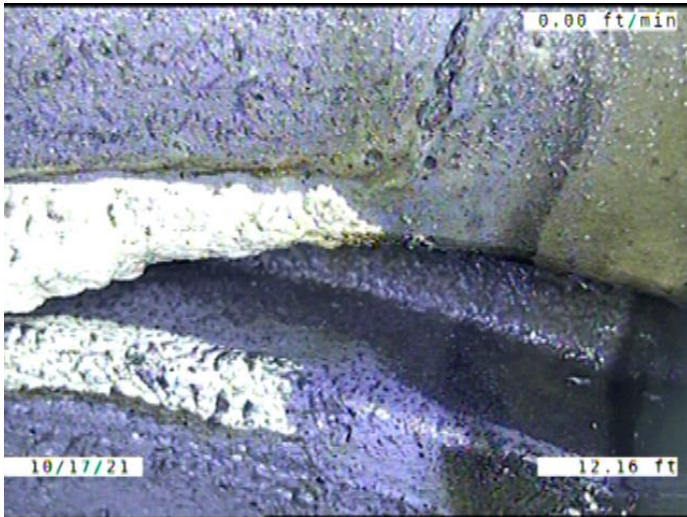
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **12.2**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index: **S01**
 Within 8" of Joint: **NO**
 Remarks:



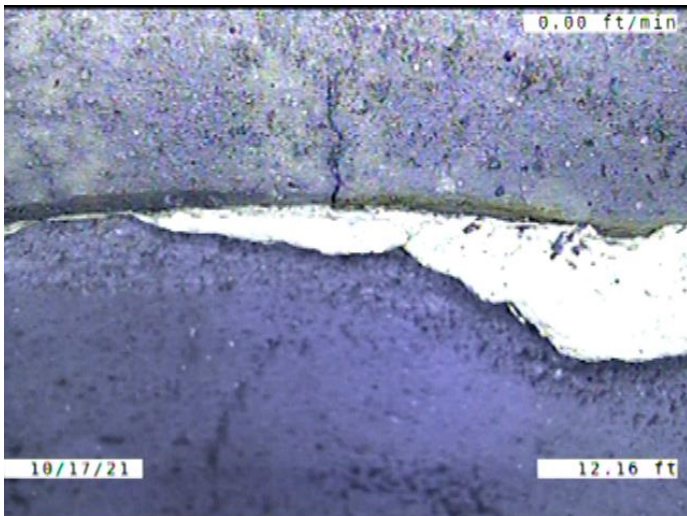
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **12.2**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **9**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **JAM**
 Description: **Joint Angular Medium**

Distance (ft): **12.2**
 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:



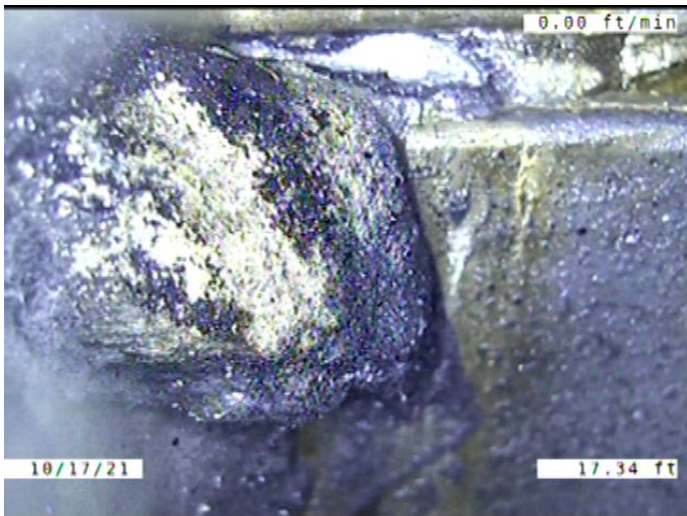
Code: **CL**
 Description: **Crack Longitudinal**

Distance (ft): **12.2**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **1**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



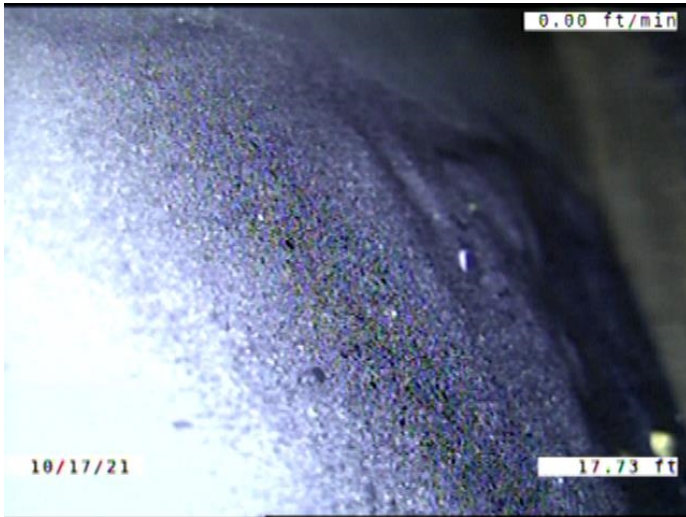
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **16.6**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **1**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **ENCUSTATION AROUND THE CAP.
CAP CRACKED**



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

Distance (ft): **17.3**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **8**
 Clock To: **9**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



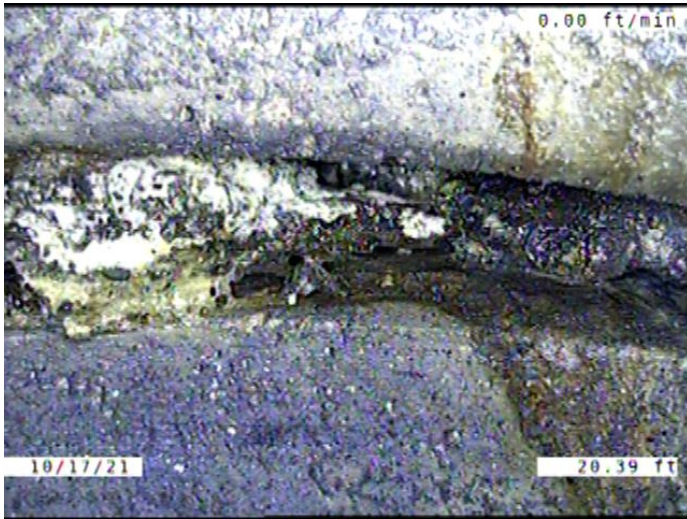
Code: **DSF**
 Description: **Deposits Settled Fine**

Distance (ft): **17.7**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **4**
 Clock To: **6**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



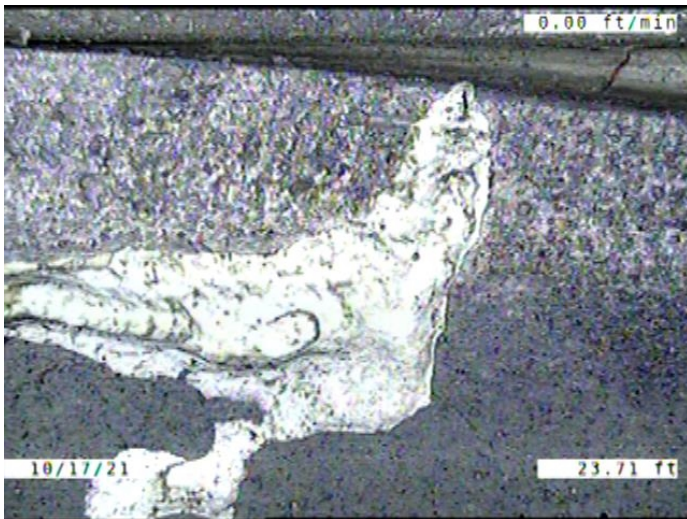
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **17.7**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index: **F01**
 Within 8" of Joint: **NO**
 Remarks:



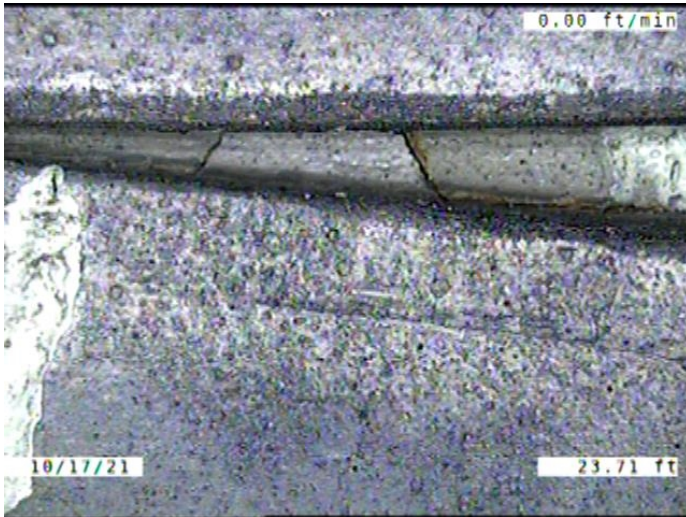
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **20.4**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **12**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S02**
 Within 8" of Joint: **YES**
 Remarks:



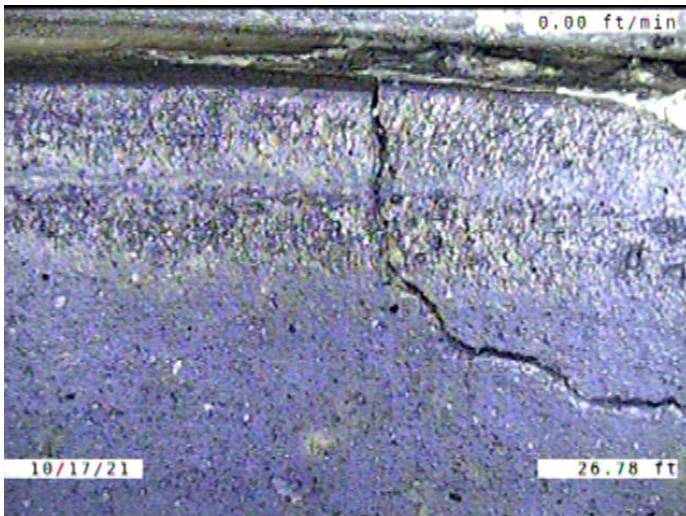
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **23.7**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **9**
 Clock To: **11**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S03**
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **23.7**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **1**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



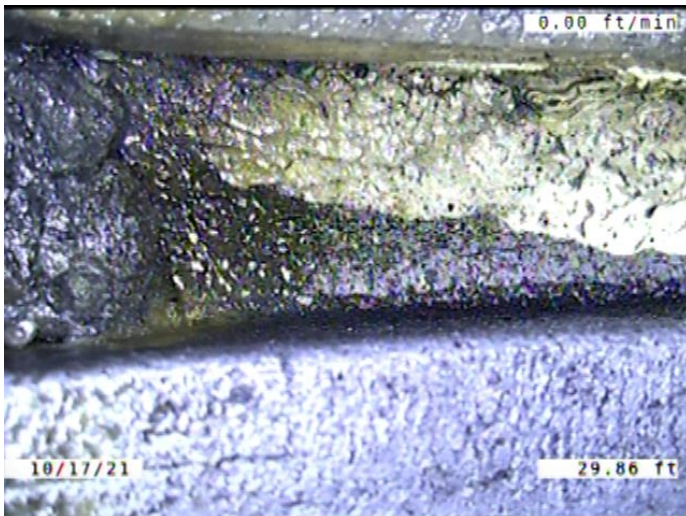
Code: **B**
 Description: **Broken**

Distance (ft): **26.8**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **2**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



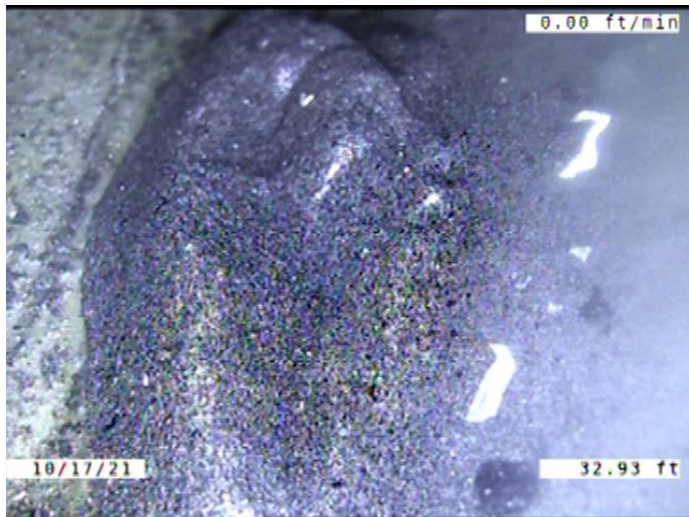
Code: **LR**
Description: **Line Right**

Distance (ft): **27.7**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



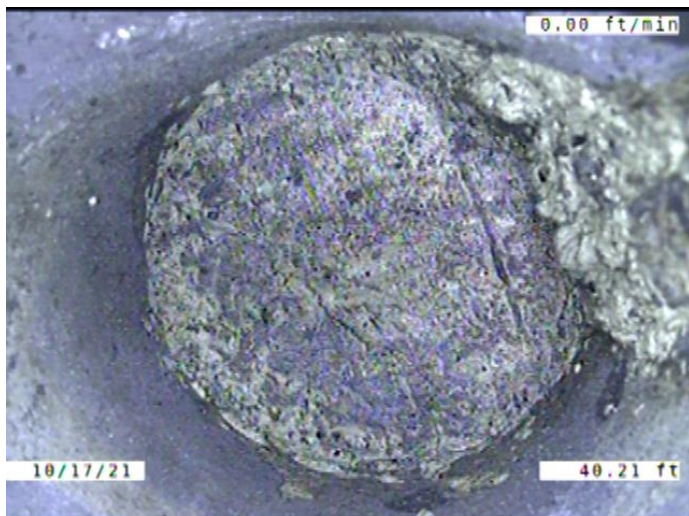
Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **29.9**
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:



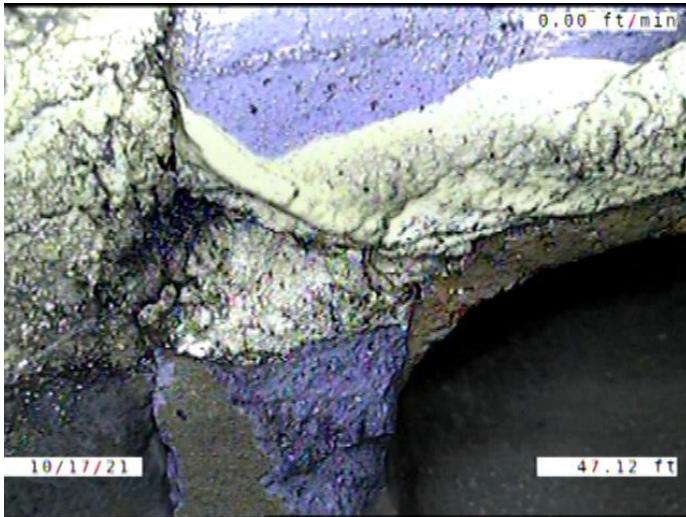
Code: **DSF**
 Description: **Deposits Settled Fine**

Distance (ft): **32.9**
 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:



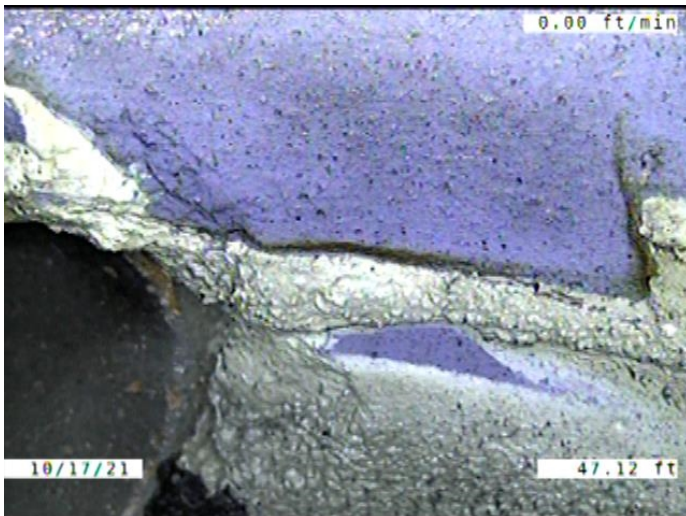
Code: **TFC**
 Description: **Tap Factory Capped**

Distance (ft): **40.2**
 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: **YES**
 Remarks:



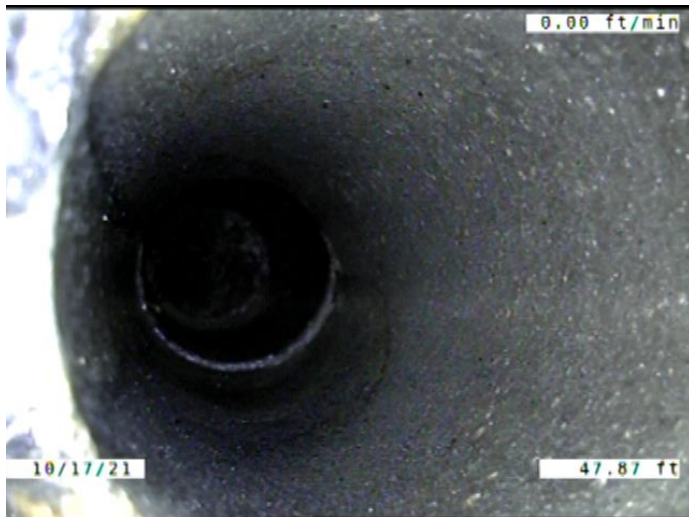
Code: **B**
 Description: **Broken**

Distance (ft): **47.1**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **8**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



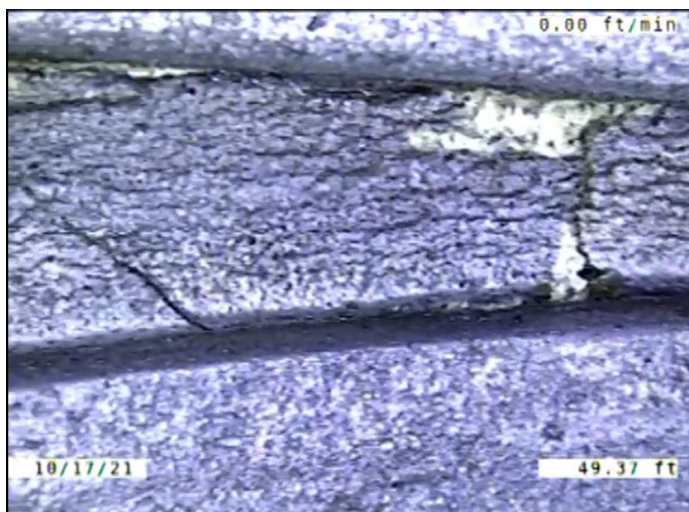
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **47.1**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **9**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **TBD**
 Description: **Tap Break-in/Hammer Defective**

Distance (ft): **47.9**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **11**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **CONSTANTLY RUNNING WATER**



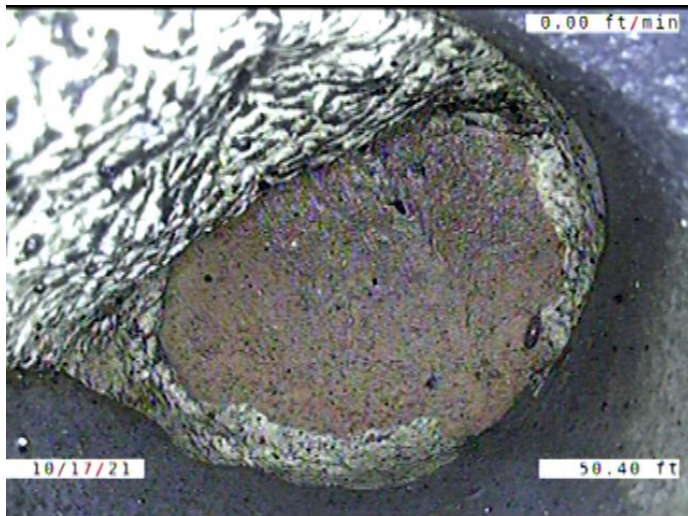
Code: **FM**
 Description: **Fracture Multiple**

Distance (ft): **49.4**
 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:



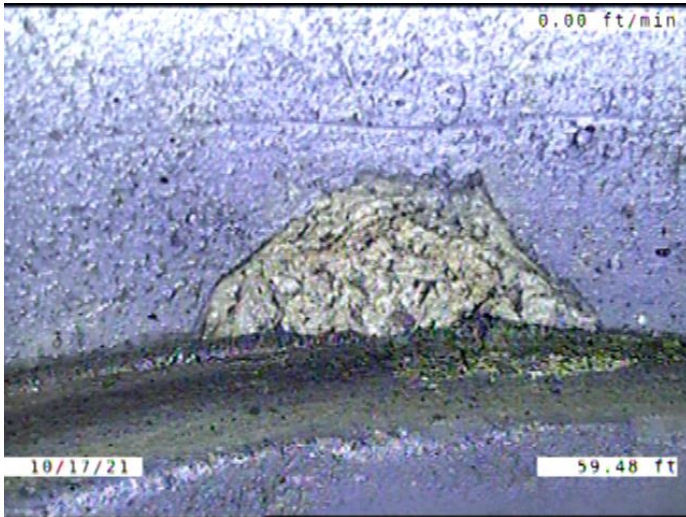
Code: **JAL**
 Description: **Joint Angular Large**

Distance (ft): **49.4**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



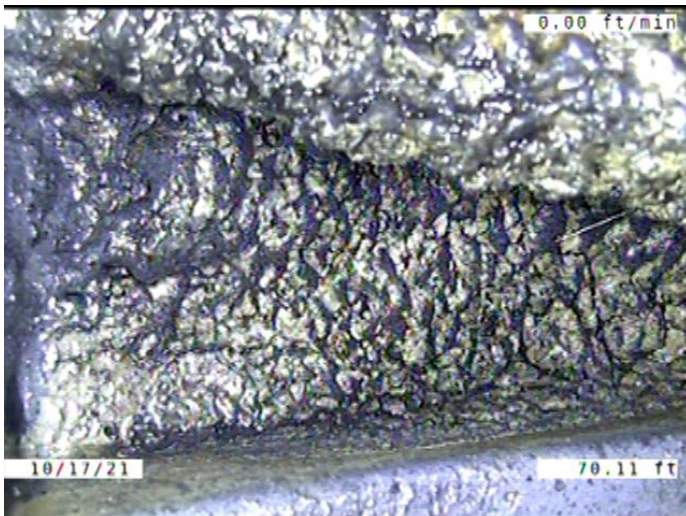
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **50.4**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **11**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **ENCrustATION AROUND THE CAP.
 CAP CRACKED**



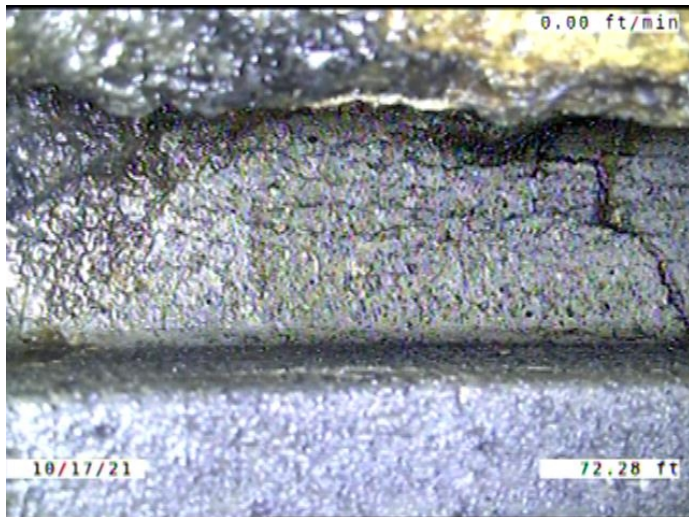
Code: **SSS**
 Description: **Surface Damage Surface Spalling**

Distance (ft): **59.5**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



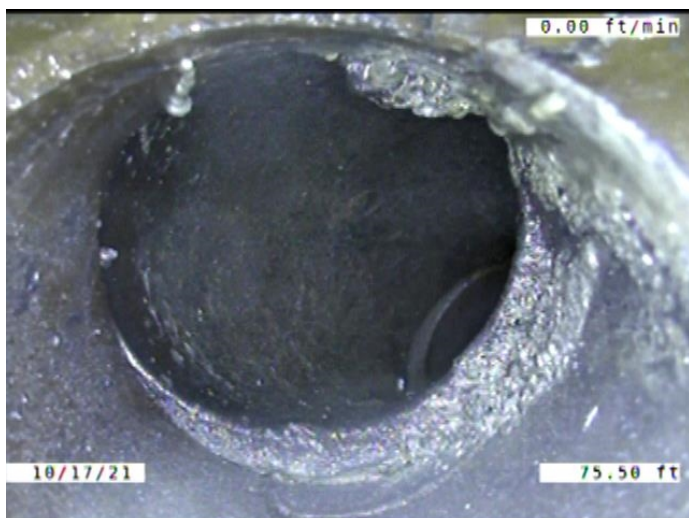
Code: **JAL**
 Description: **Joint Angular Large**

Distance (ft): **70.1**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



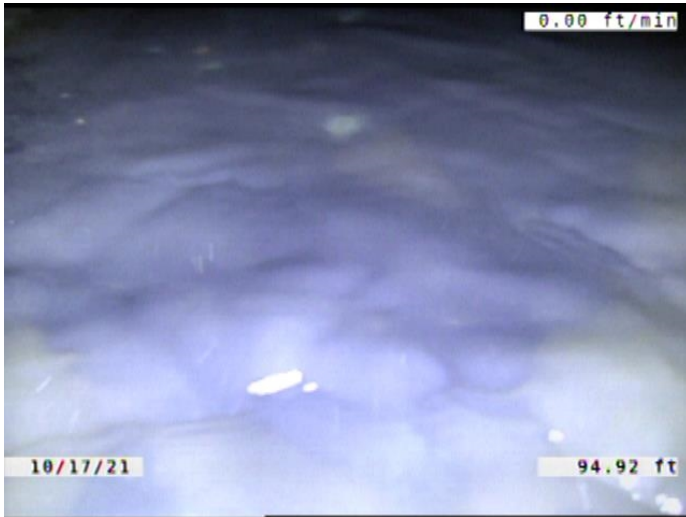
Code: **JAM**
 Description: **Joint Angular Medium**

Distance (ft): **72.3**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **S05**
 Within 8" of Joint: **NO**
 Remarks:



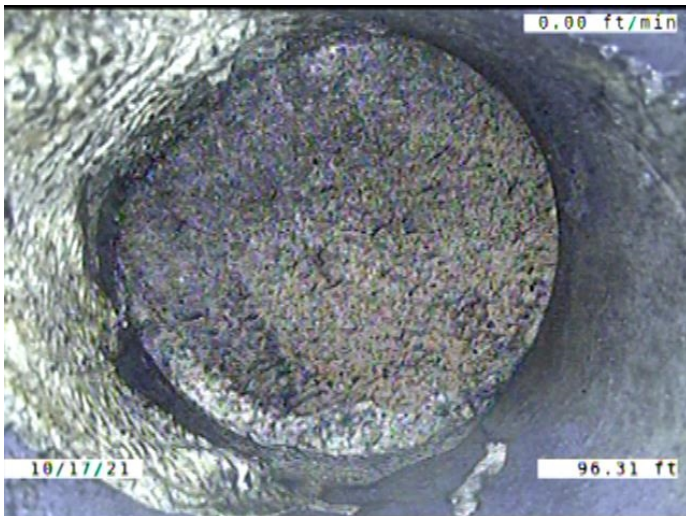
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **75.5**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **1**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **Defective**



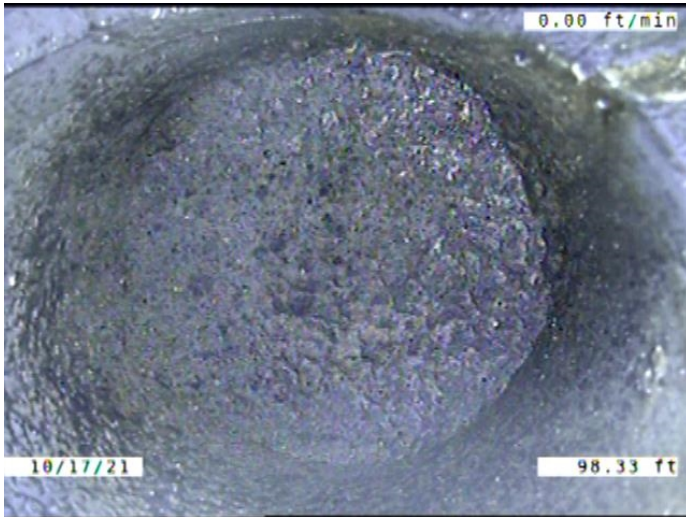
Code: **DSF**
 Description: **Deposits Settled Fine**

Distance (ft): **94.9**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **4**
 Clock To: **8**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S06**
 Within 8" of Joint: **YES**
 Remarks:



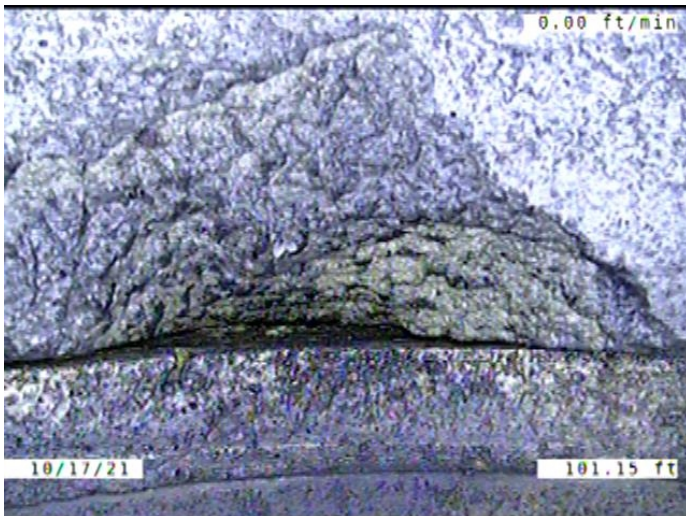
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **96.3**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **11**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **ENCRUSTATION AROUND THE CAP.**



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

Distance (ft): **98.3**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **1**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



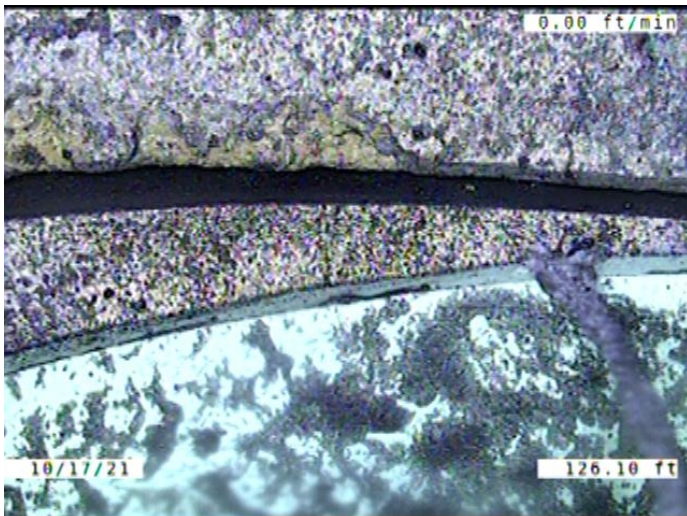
Code: **SZ**
 Description: **Surface Damage Other**

Distance (ft): **101.1**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **A PIECE CHIPPED AWAY FROM THE JOINT**



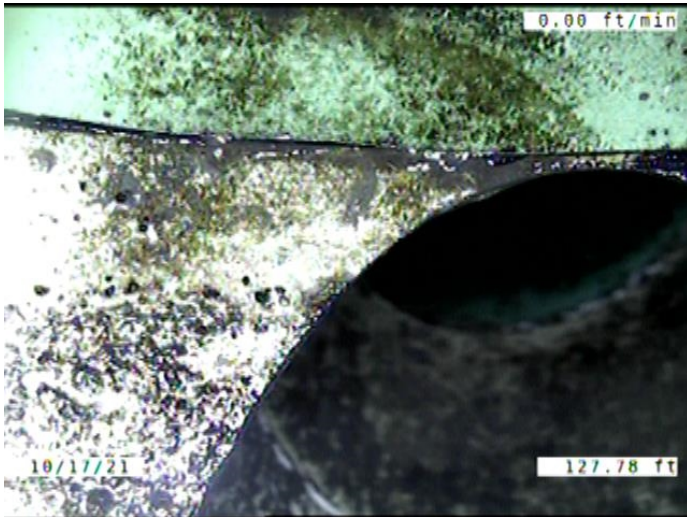
Code: **DSC**
 Description: **Deposits Settled Hard/Compacted**

Distance (ft): **103.9**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **9**
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



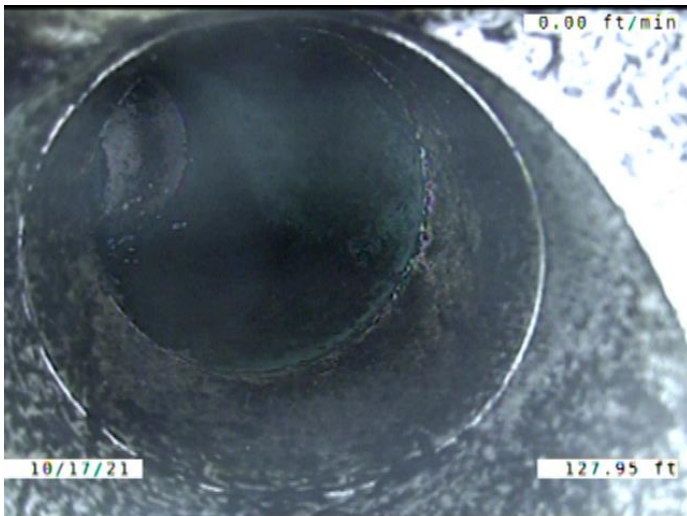
Code: **MMC**
 Description: **Miscellaneous Material Change**

Distance (ft): **126.1**
 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 TO PVC**



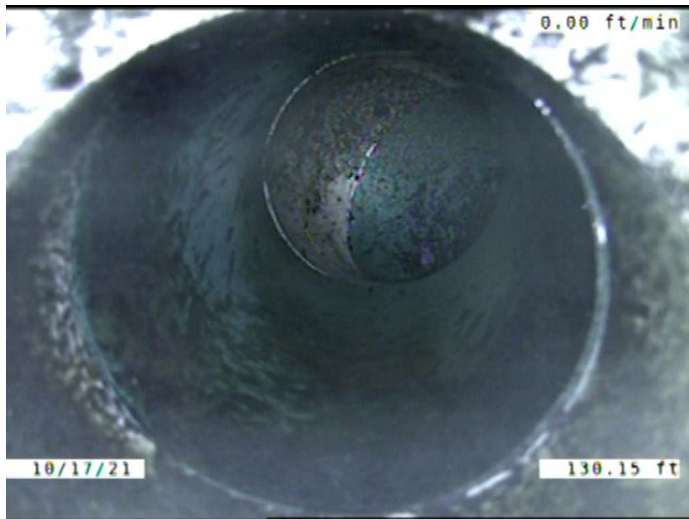
Code: **IRJ**
 Description: **Infiltration Runner Joint**

Distance (ft): **127.8**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From: **11**
 Clock To: **1**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



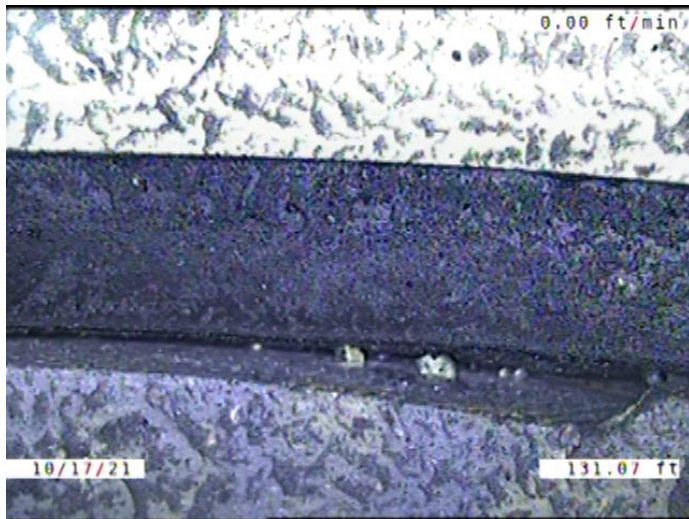
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **127.9**
 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: **YES**
 Remarks:



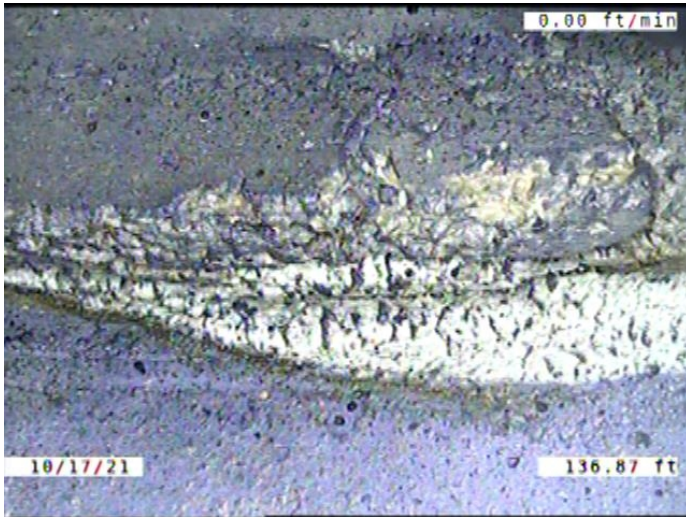
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **130.1**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **1**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **131.1**
 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 TO VCP**



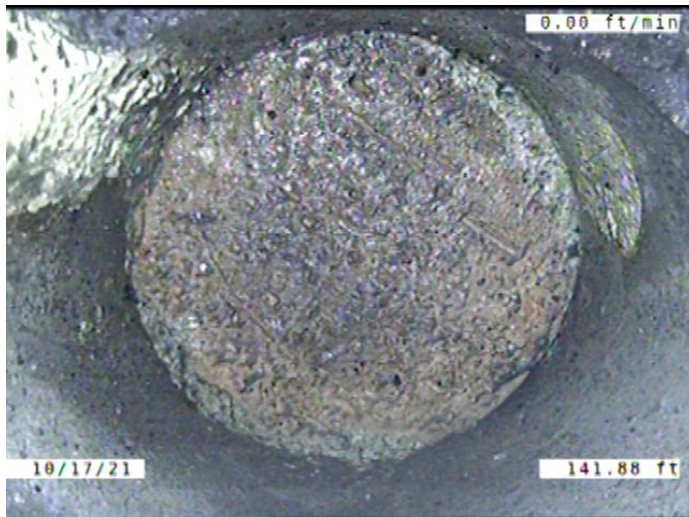
Code: **B**
Description: **Broken**

Distance (ft): **136.9**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **2**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

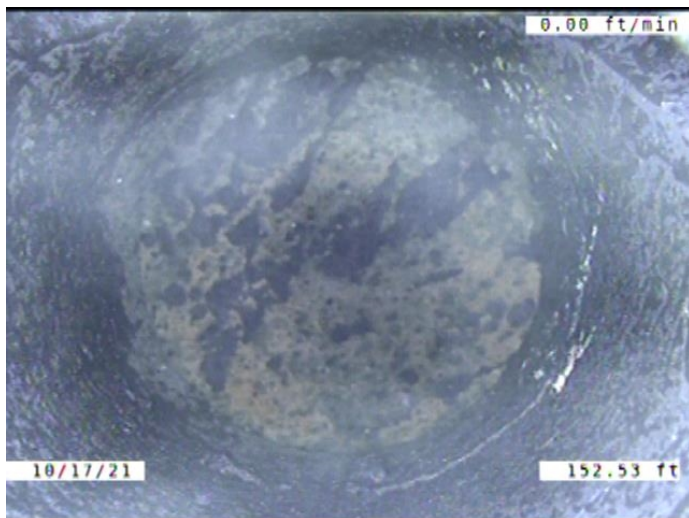


Code: **B**
Description: **Broken**

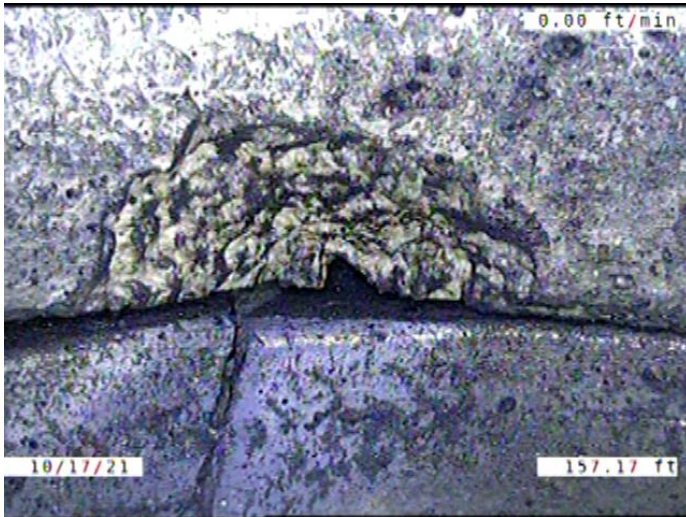
Distance (ft): **138.6**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **9**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



| | |
|---------------------|-------------------------------------|
| Code: | TFC |
| Description: | Tap Factory Capped |
| Distance (ft): | 141.9 |
| Structural Grade: | 0 |
| O&M Grade: | 0 |
| Clock Start/From: | 11 |
| Clock To: | |
| 1st Value: | 4.000 |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | YES |
| Remarks: | ENCRUSTATION AROUND THE CAP. |

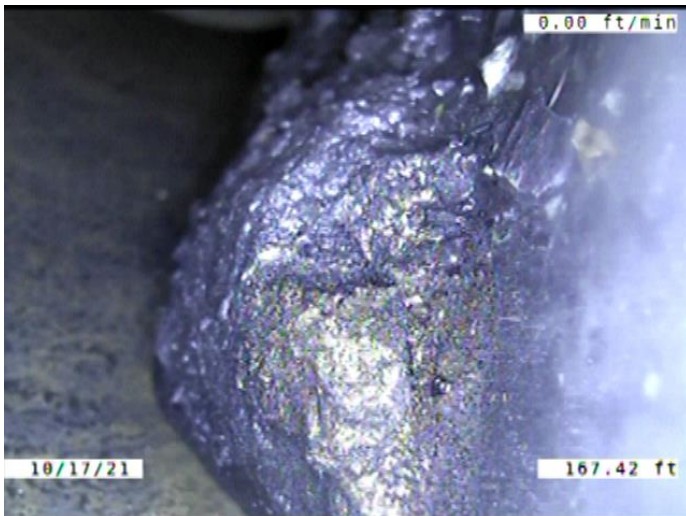


| | |
|---------------------|---------------------------|
| Code: | TFC |
| Description: | Tap Factory Capped |
| Distance (ft): | 152.5 |
| Structural Grade: | 0 |
| O&M Grade: | 0 |
| Clock Start/From: | 1 |
| Clock To: | |
| 1st Value: | 4.000 |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | YES |
| Remarks: | |



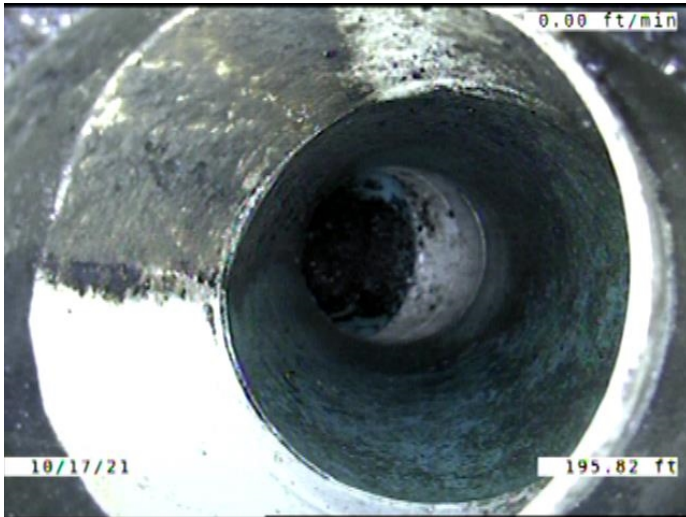
Code: **SSS**
 Description: **Surface Damage Surface Spalling**

Distance (ft): **157.2**
 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:



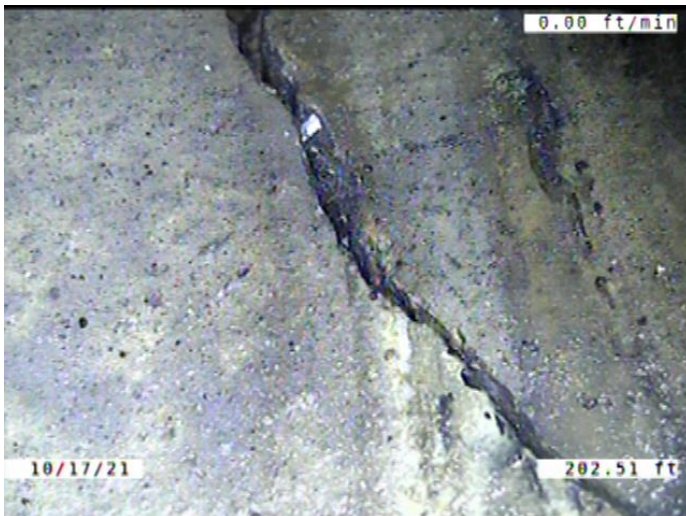
Code: **DSC**
 Description: **Deposits Settled Hard/Compacted**

Distance (ft): **167.4**
 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:



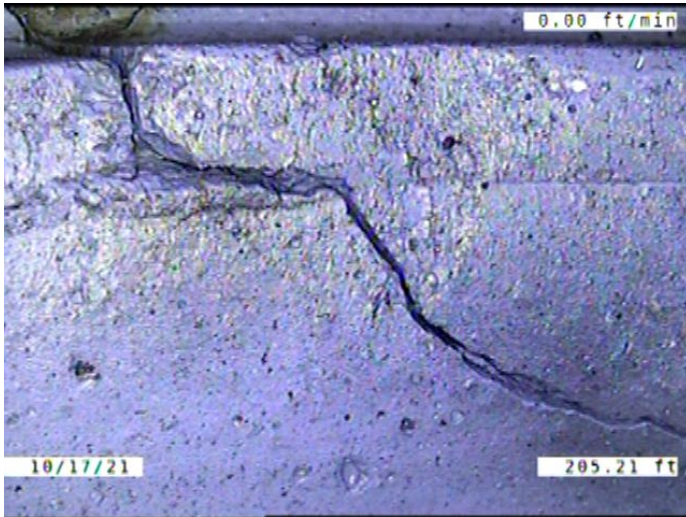
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **195.8**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



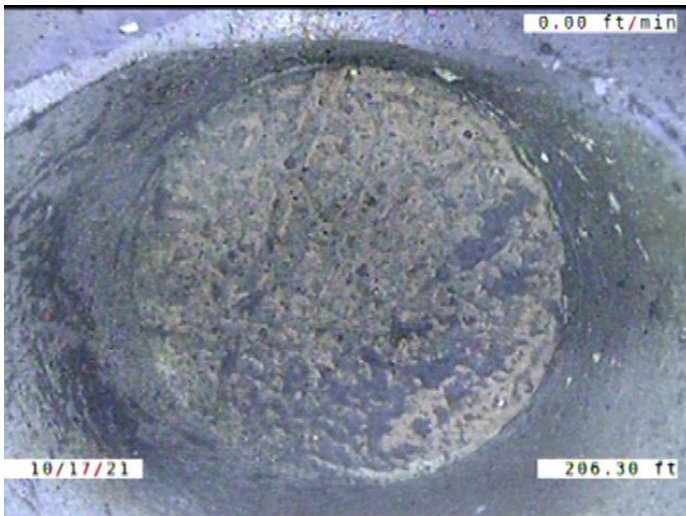
Code: **B**
 Description: **Broken**

Distance (ft): **202.5**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **4**
 Clock To: **9**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



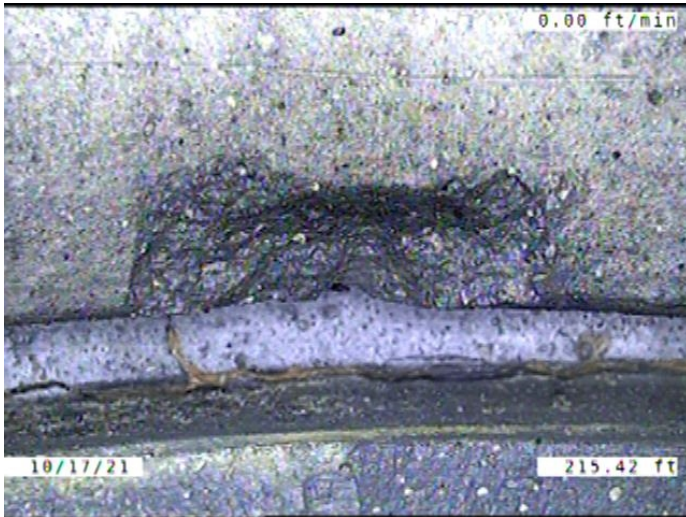
Code: **B**
Description: **Broken**

Distance (ft): **205.2**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



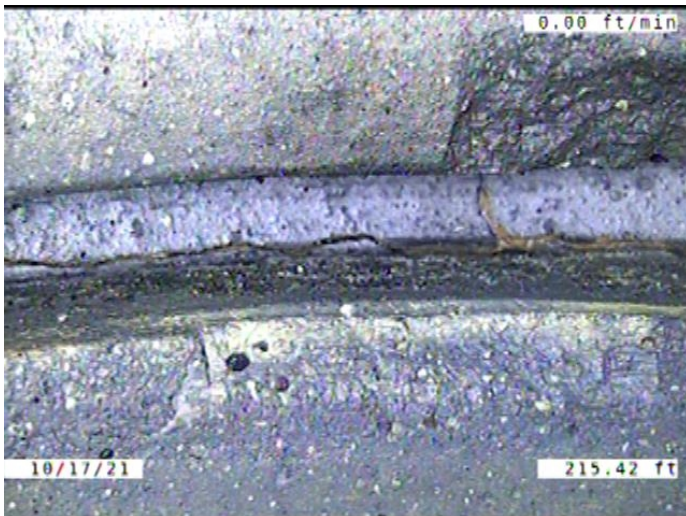
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **206.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



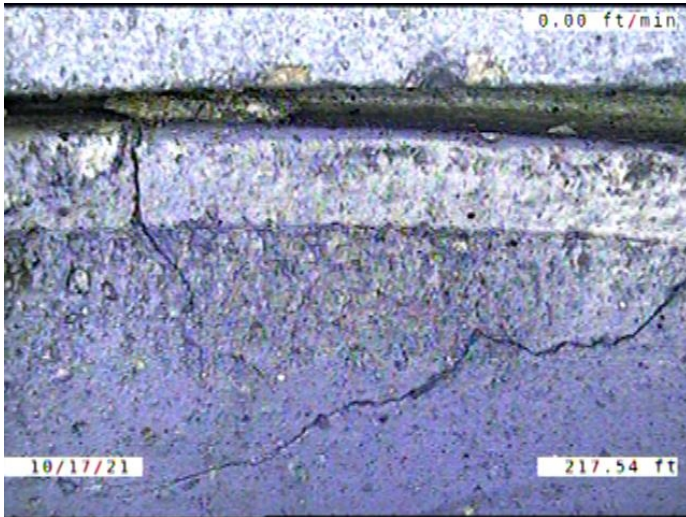
Code: **SSS**
Description: **Surface Damage Surface Spalling**

Distance (ft): **215.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **A PIECE CHIPPED AWAY FROM THE JOINT**



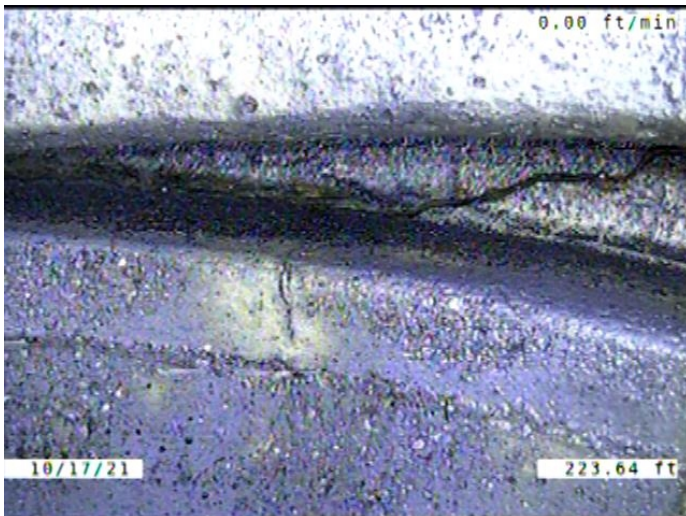
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **215.4**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



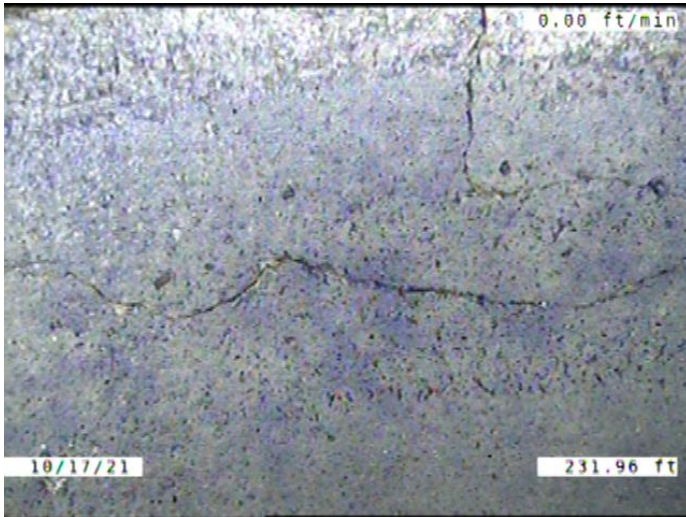
Code: **FM**
 Description: **Fracture Multiple**

Distance (ft): **217.5**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **9**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



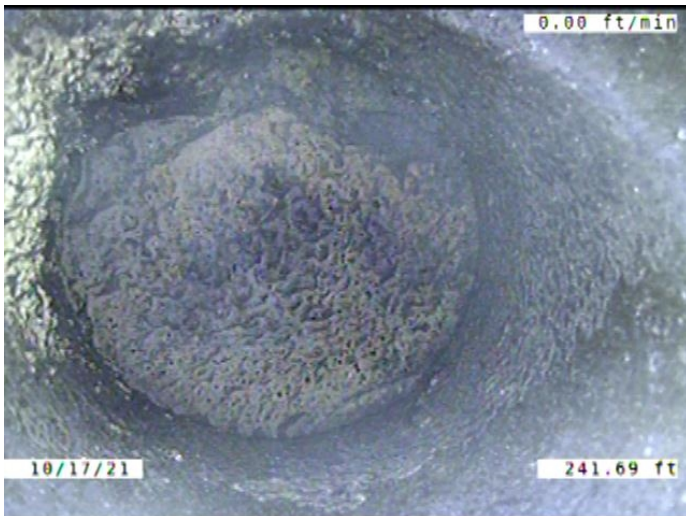
Code: **FM**
 Description: **Fracture Multiple**

Distance (ft): **223.6**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **1**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



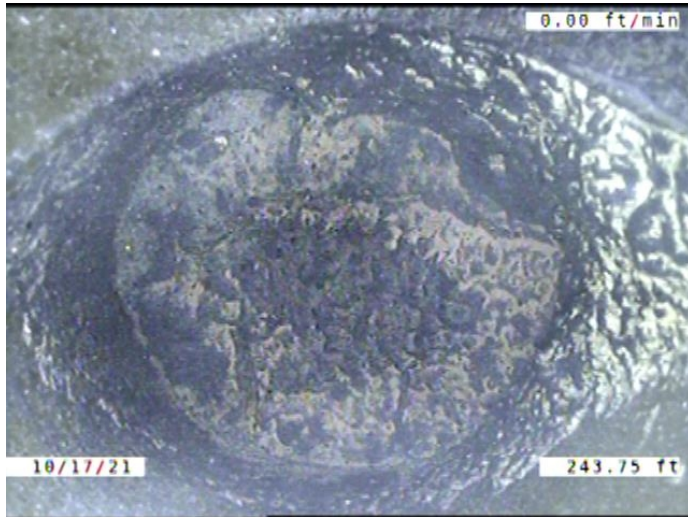
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **232.0**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



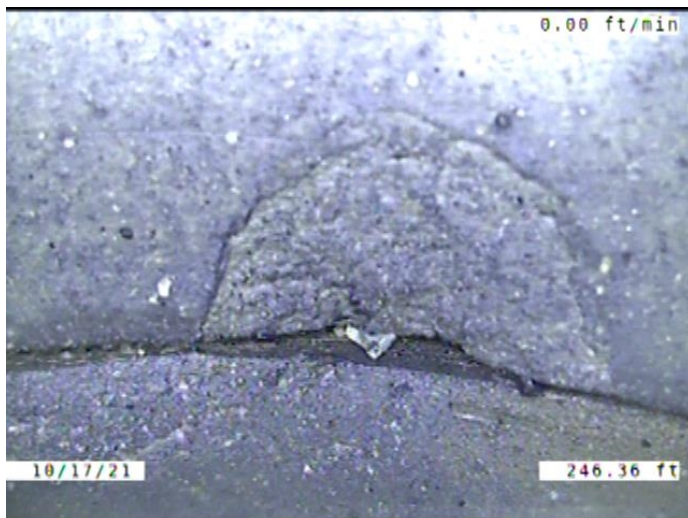
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **241.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **ENCRUSTATION AROUND THE CAP.**



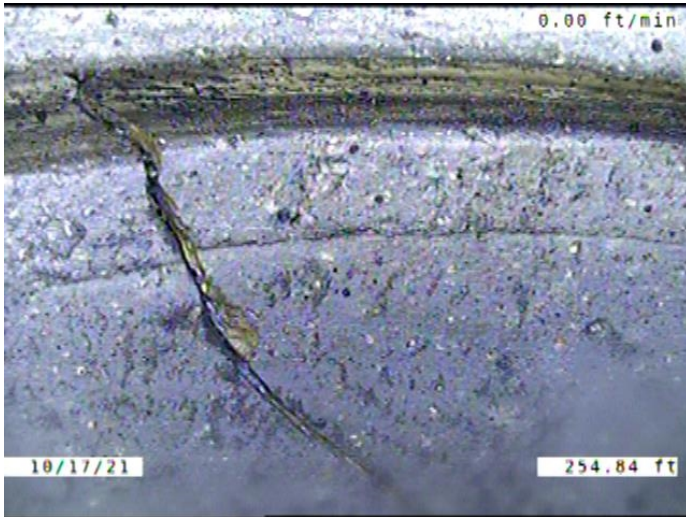
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **243.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **ENCRUSTATION AROUND THE CAP.**



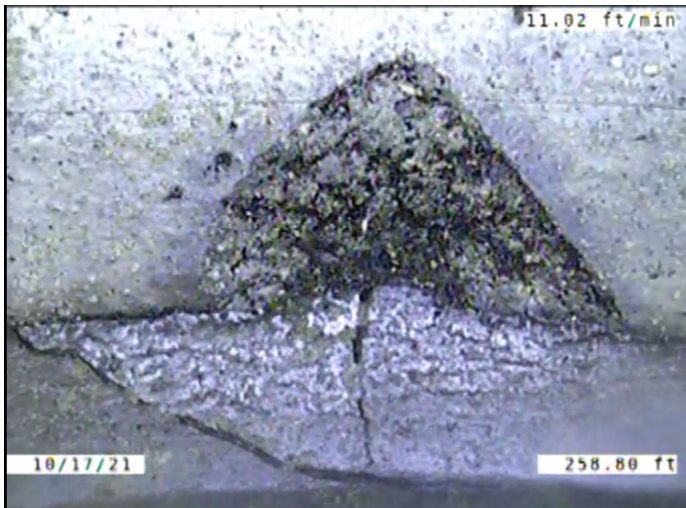
Code: **SSS**
Description: **Surface Damage Surface Spalling**

Distance (ft): **246.4**
Structural Grade: **2**
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: **A COUPLE PIECES CHIPPED AWAY FROM THE JOINT**



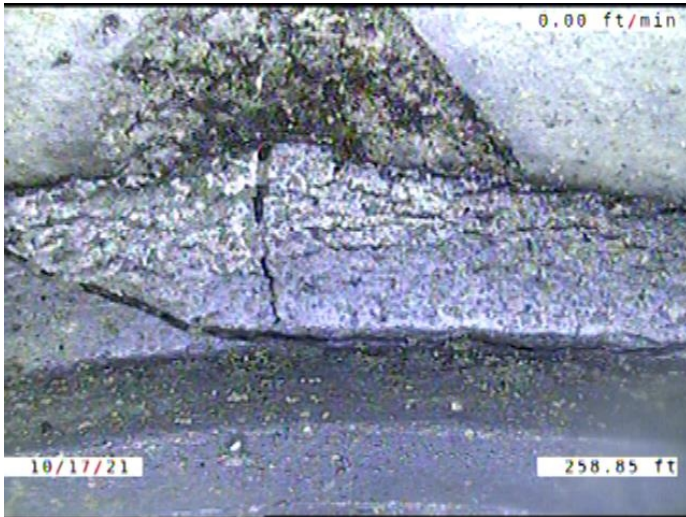
Code: **B**
Description: **Broken**

Distance (ft): **254.8**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



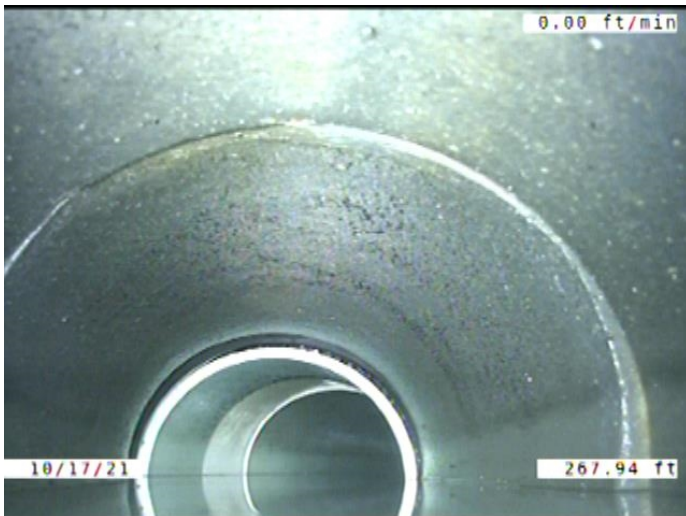
Code: **SSS**
Description: **Surface Damage Surface Spalling**

Distance (ft): **258.8**
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:



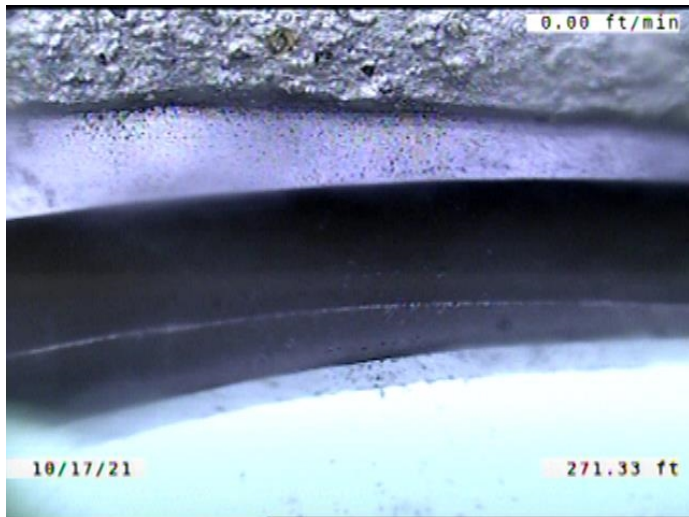
Code: **B**
Description: **Broken**

Distance (ft): **258.8**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



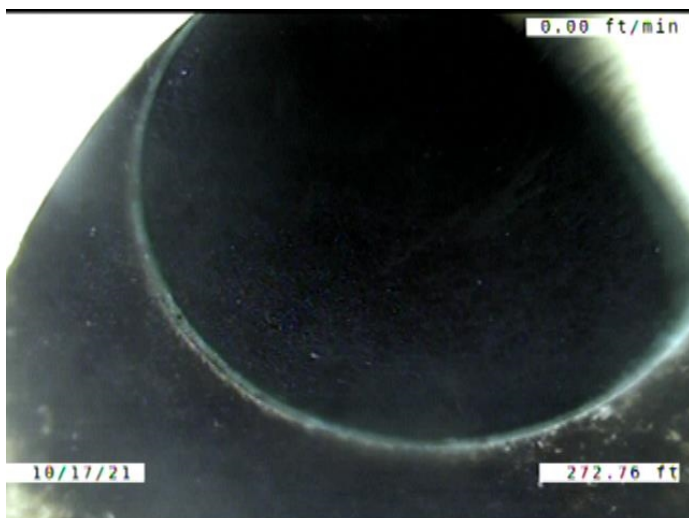
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **267.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **30.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



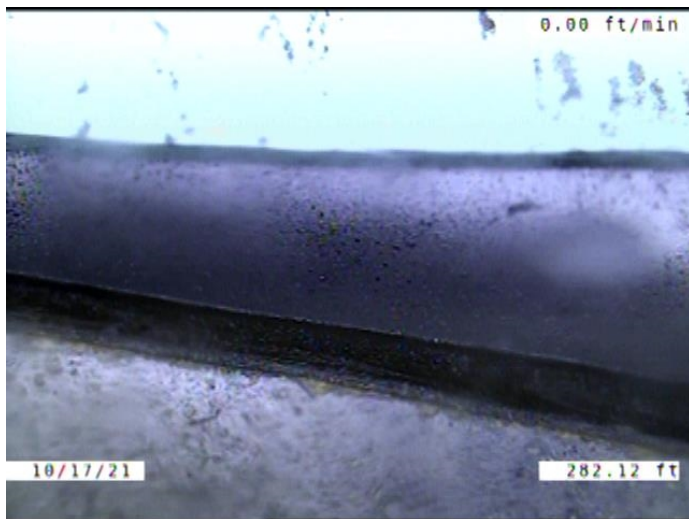
Code: **MMC**
 Description: **Miscellaneous Material Change**

Distance (ft): **271.3**
 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: **VCP TO PVC**



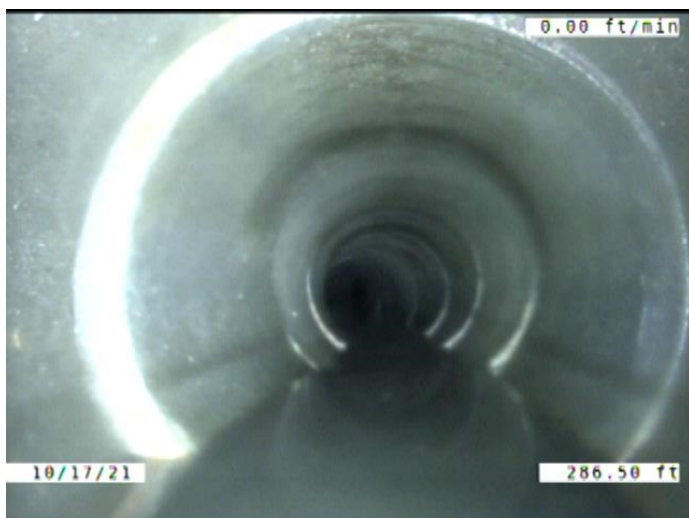
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **272.8**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **1**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



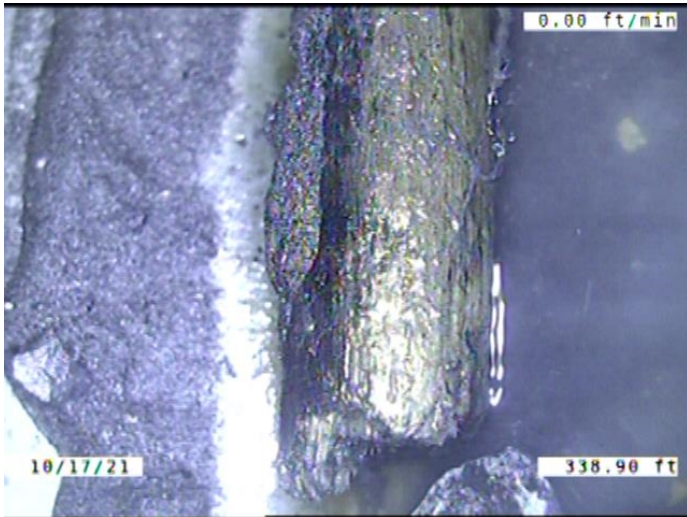
Code: **MMC**
Description: **Miscellaneous Material Change**

Distance (ft): **282.1**
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 TO VCP**



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

Distance (ft): **286.5**
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: **OBZ**
 Description: **Obstruction Other**

Distance (ft): **338.9**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **7**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **STICK**



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

Distance (ft): **341.8**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **12**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F02**
 Within 8" of Joint: **YES**
 Remarks:



Code: **JAM**
 Description: **Joint Angular Medium**

Distance (ft): **341.8**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **F05**
 Within 8" of Joint: **NO**
 Remarks:



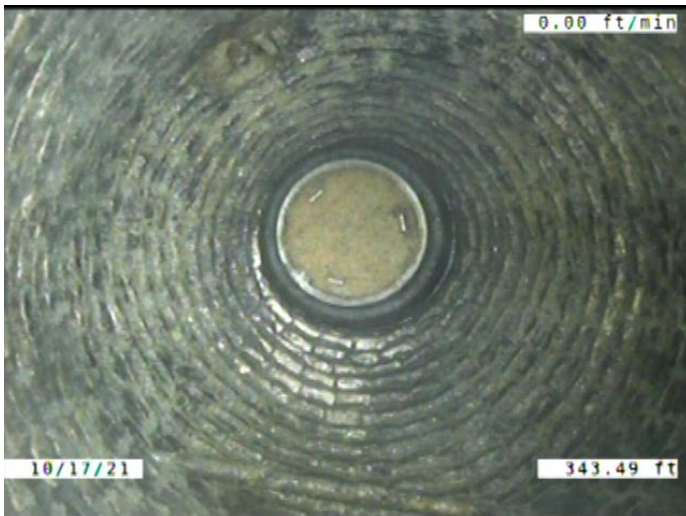
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **341.8**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **9**
 Clock To: **11**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F03**
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **341.8**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **4**
 Clock To: **8**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F06**
 Within 8" of Joint: **YES**
 Remarks:



Code: **AMH**
 Description: **Manhole**

Distance (ft): **343.5**
 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: **M-704-012**