

# Profile/Photo Observation Report



|                   |                       |             |                       |            |                       |
|-------------------|-----------------------|-------------|-----------------------|------------|-----------------------|
| Date:             | <b>06/13/2023</b>     | Weather:    |                       | Coding:    | <b>PACP 7.0</b>       |
| Pipe Length (ft): | <b>165.0</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>P902-045-076</b>   |
| Customer:         | <b>City of Hobart</b> | Clean Date: | <b>05/07/2023</b>     | Shape:     | <b>C</b>              |

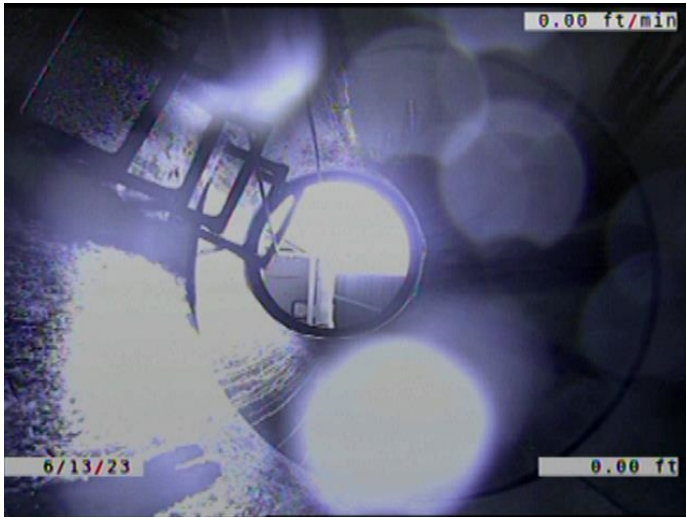
|                   |  |                             |                       |
|-------------------|--|-----------------------------|-----------------------|
| Street:           | <b>East 34th Lane</b>                            | Flow Control:               | <b>Not Controlled</b> |
| City:             | <b>Hobart, IN</b>                                | Year Renewed:               |                       |
| Location:         | <b>Local rural streets with light traffic, t</b> | Tape/Media #:               |                       |
| Purpose:          | <b>Routine Assessment</b>                        | Dia/Height:                 | <b>18"</b>            |
| Use:              | <b>Sanitary Sewage Pipe</b>                      | Material:                   | <b>RCP</b>            |
| Drain Area:       |  | Lining:                     | <b>None</b>           |
| Category:         | <b>NA</b>  |                             |                       |
| Comment:          |  |                             |                       |
| Location Details: |  | Direction of Survey:        | <b>Upstream</b>       |
| US MH:            | <b>M-902-045</b>                                 | DS MH:                      | <b>M-902-076</b>      |
|                   |  | Total Length Surveyed (ft): | <b>165.6</b>          |

|                   |             |                   |             |                    |               |
|-------------------|-------------|-------------------|-------------|--------------------|---------------|
| O&M Index:        | <b>2.03</b> | O&M Quick:        | <b>332E</b> | O&M Rating:        | <b>73.00</b>  |
| Structural Index: | <b>2.12</b> | Structural Quick: | <b>5349</b> | Structural Rating: | <b>110.00</b> |
| Overall Index:    | <b>2.08</b> | Overall Quick:    | <b>5349</b> | Overall Rating:    | <b>183.00</b> |

| Position | Code      | Observation                         | Video (sec) | Grade |
|----------|-----------|-------------------------------------|-------------|-------|
|          |           |                                     |             |       |
| .0       | AMH       | Manhole                             | 0           | NA    |
| .0       | MWL       | Miscellaneous Water Level           | 89          | NA    |
| .0       | SAP(S01)  | Surface Damage Aggregate Projecting | 111         | S 3   |
| 4.5      | MWLS(S02) | Miscellaneous Water Level Sag       | 151         | S 4   |
| 4.9      | JOMD      | Joint Offset Medium Defective       | 167         | S 3   |
| 12.9     | JSL       | Joint Separated Large               | 275         | S 4   |
| 12.9     | DAE(S03)  | Deposits Attached Encrustation      | 295         | M 2   |
| 16.7     | SAM(F01)  | Surface Damage Aggregate Missing    | 379         | S 4   |
| 17.0     | RPR(S04)  | Point Repair Replacement            | 394         | NA    |
| 20.9     | MWLS(F02) | Miscellaneous Water Level Sag       | 453         | S 4   |
| 21.8     | RPR(F04)  | Point Repair Replacement            | 511         | NA    |
| 21.8     | SRI(S13)  | Surface Damage Roughness Increased  | 523         | S 1   |
| 23.0     | MWLS(S05) | Miscellaneous Water Level Sag       | 542         | S 3   |
| 25.2     | JAL       | Joint Angular Large                 | 581         | S 4   |
| 31.2     | MWLS(F05) | Miscellaneous Water Level Sag       | 671         | S 3   |
| 41.8     | SAM       | Surface Damage Aggregate Missing    | 718         | S 4   |
| 47.7     | TFD       | Tap Factory Defective               | 757         | M 3   |
| 51.2     | MWLS(S06) | Miscellaneous Water Level Sag       | 813         | S 3   |
| 57.9     | MWLS(F06) | Miscellaneous Water Level Sag       | 849         | S 3   |

|       |           |                                       |      |     |
|-------|-----------|---------------------------------------|------|-----|
| 57.9  | MWL       | Miscellaneous Water Level             | 857  | NA  |
| 64.7  | LR        | Line Right                            | 890  | M 2 |
| 73.0  | LR        | Line Right                            | 971  | M 1 |
| 75.5  | MWLS(S07) | Miscellaneous Water Level Sag         | 990  | S 2 |
| 80.4  | MWLS(F07) | Miscellaneous Water Level Sag         | 1019 | S 2 |
| 80.4  | MWL       | Miscellaneous Water Level             | 1026 | NA  |
| 87.6  | MWLS(S08) | Miscellaneous Water Level Sag         | 1063 | S 2 |
| 103.7 | MWLS(F08) | Miscellaneous Water Level Sag         | 1160 | S 2 |
| 103.7 | MWL       | Miscellaneous Water Level             | 1168 | NA  |
| 113.7 | SAM(S09)  | Surface Damage Aggregate Missing      | 1241 | S 4 |
| 118.5 | SAM(F09)  | Surface Damage Aggregate Missing      | 1279 | S 4 |
| 119.8 | MWLS(S10) | Miscellaneous Water Level Sag         | 1293 | S 2 |
| 126.9 | MWLS(F10) | Miscellaneous Water Level Sag         | 1325 | S 2 |
| 126.9 | LU        | Line Up                               | 1334 | M 1 |
| 129.8 | SAM(S11)  | Surface Damage Aggregate Missing      | 1358 | S 4 |
| 134.7 | SMW       | Surface Damage Missing Wall           | 1443 | S 5 |
| 140.5 | SAM(F11)  | Surface Damage Aggregate Missing      | 1562 | S 4 |
| 143.2 | SRC       | Surface Damage Reinforcement Corroded | 1606 | S 5 |
| 145.4 | TFD       | Tap Factory Defective                 | 1630 | M 3 |
| 147.6 | SRC(S12)  | Surface Damage Reinforcement Corroded | 1670 | S 5 |
| 149.6 | TFC       | Tap Factory Capped                    | 1696 | NA  |
| 150.6 | SRC(F12)  | Surface Damage Reinforcement Corroded | 1729 | S 5 |
| 153.4 | TFD       | Tap Factory Defective                 | 1770 | M 3 |
| 159.4 | RPP       | Point Repair Patch                    | 1811 | NA  |
| 162.9 | SRI(F13)  | Surface Damage Roughness Increased    | 1851 | S 1 |
| 162.9 | DAE(F03)  | Deposits Attached Encrustation        | 1860 | M 2 |
| 165.6 | AMH       | Manhole                               | 2011 | NA  |

**M-902-045**



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-902-076**

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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: **50.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

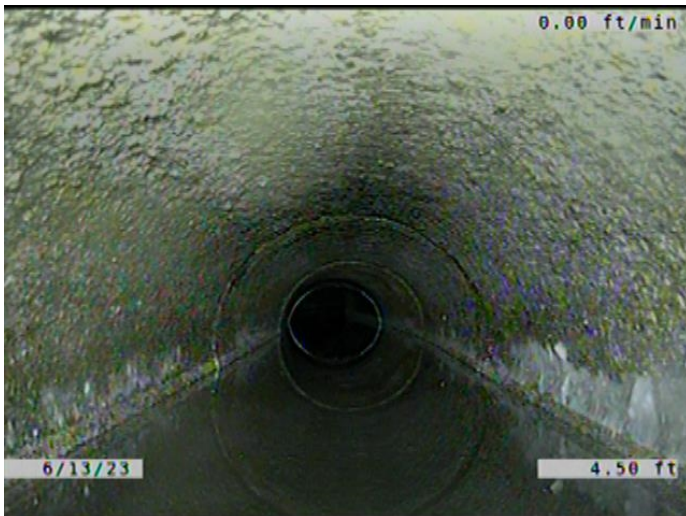
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Code: **SAP**  
Description: **Surface Damage Aggregate Projecting**

Distance (ft): **.0**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

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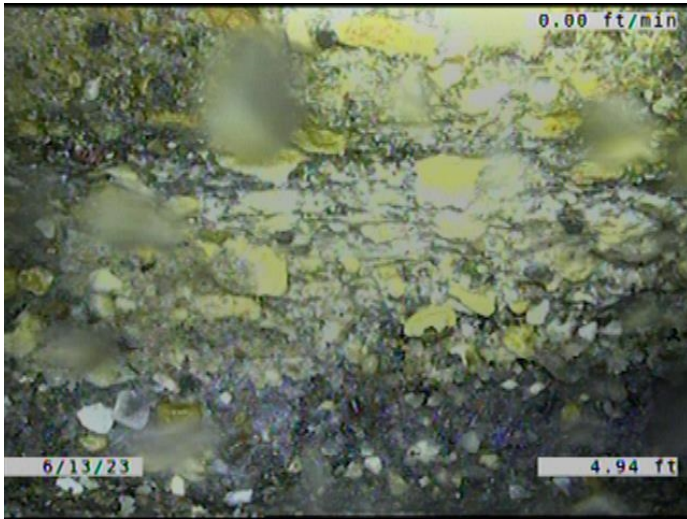


Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **4.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **65.000**  
Continuous Index: **S02**  
Within 8" of Joint: **NO**  
Remarks:

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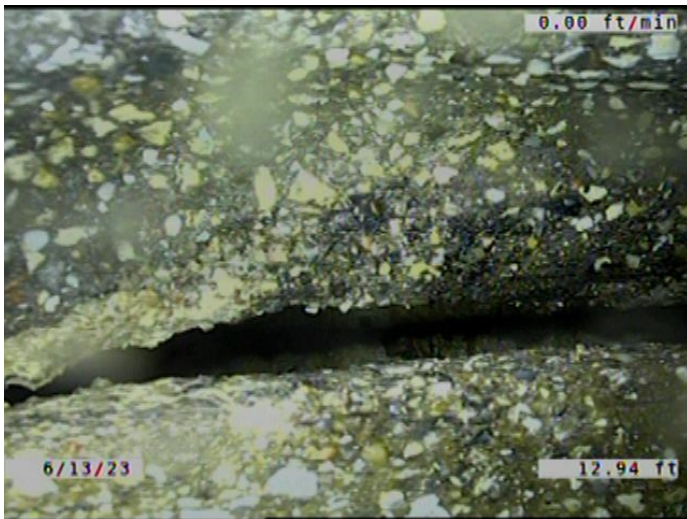




Code: **JOMD**  
Description: **Joint Offset Medium Defective**

Distance (ft): **4.9**  
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:

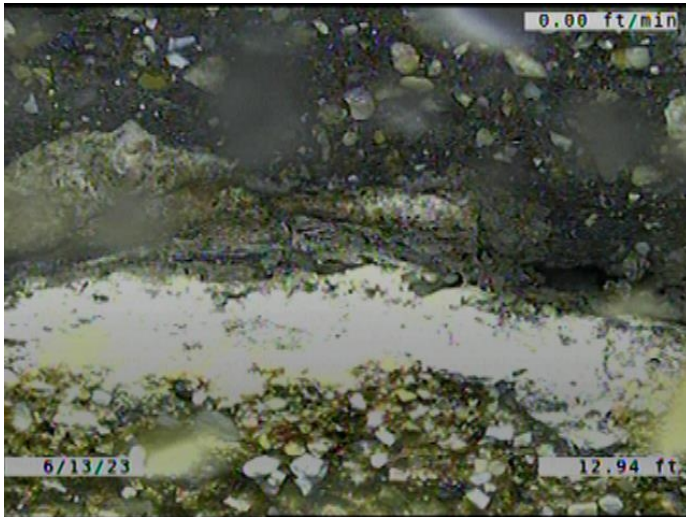
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Code: **JSL**  
Description: **Joint Separated Large**

Distance (ft): **12.9**  
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: **SOIL AND VOID VISIBLE.**

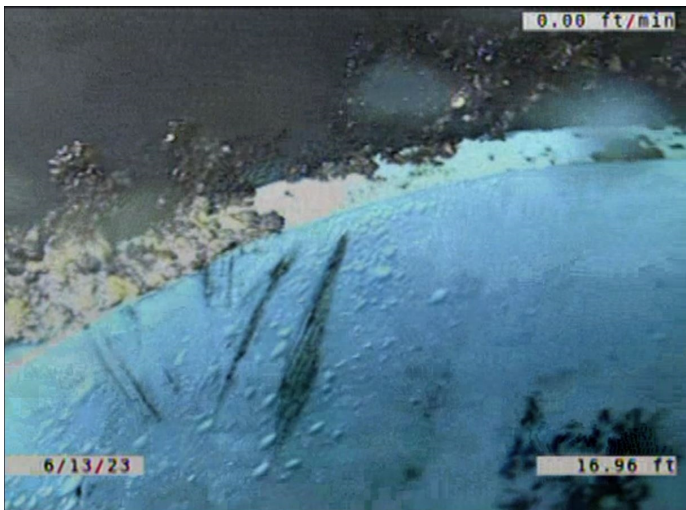
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Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **12.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S03**  
Within 8" of Joint: **YES**  
Remarks:

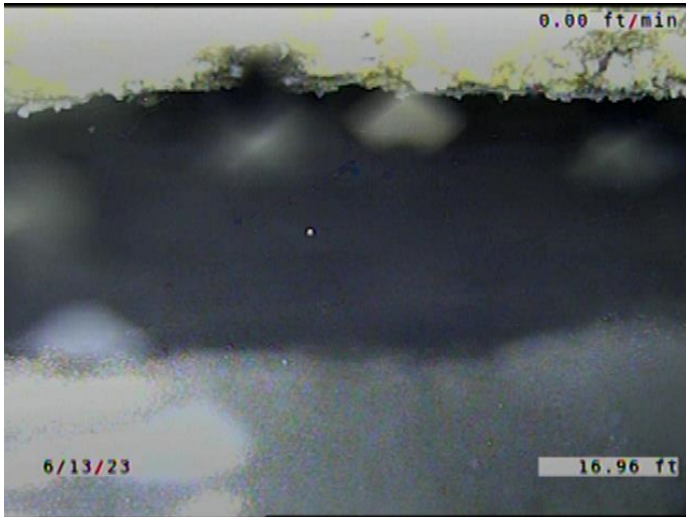
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Code: **SAM**  
Description: **Surface Damage Aggregate Missing**

Distance (ft): **16.7**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

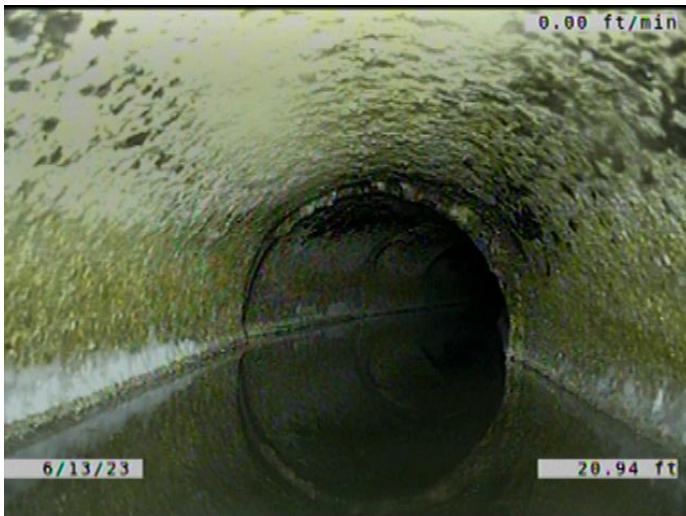
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Code: **RPR**  
Description: **Point Repair Replacement**

Distance (ft): **17.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S04**  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC.**

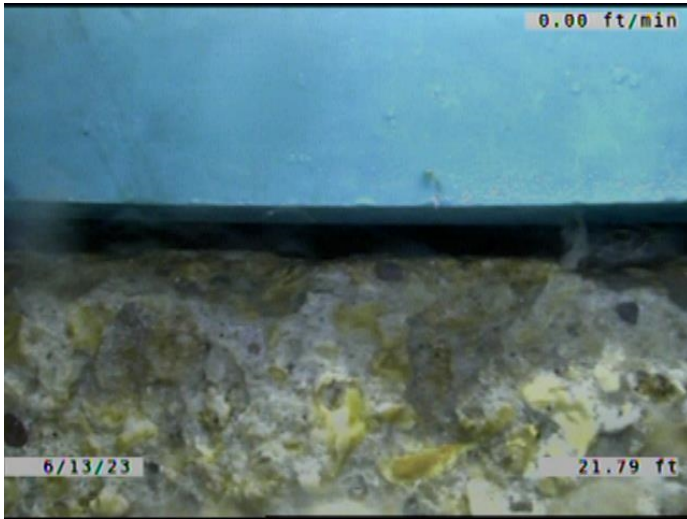
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **20.9**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **65.000**  
Continuous Index: **F02**  
Within 8" of Joint: **NO**  
Remarks:

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Code: **RPR**  
Description: **Point Repair Replacement**

Distance (ft): **21.8**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F04**  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC.**

---

Code: **SRI**  
Description: **Surface Damage Roughness Increased**

Distance (ft): **21.8**  
Structural Grade: **1**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S13**  
Within 8" of Joint: **NO**  
Remarks:

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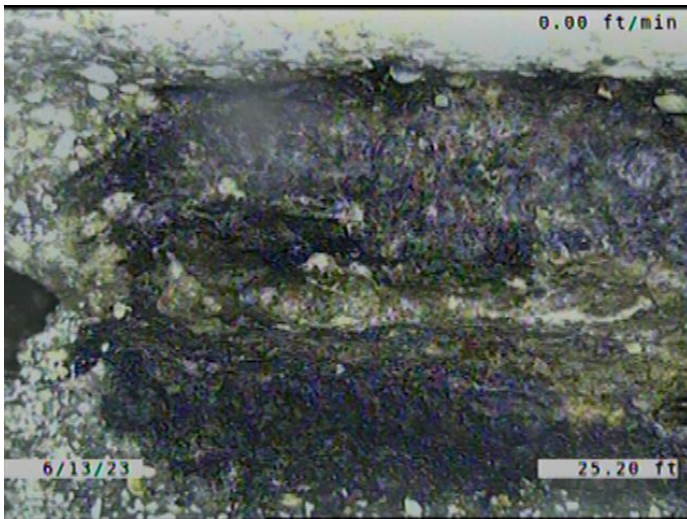




Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **23.0**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **50.000**  
Continuous Index: **S05**  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **25.2**  
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:

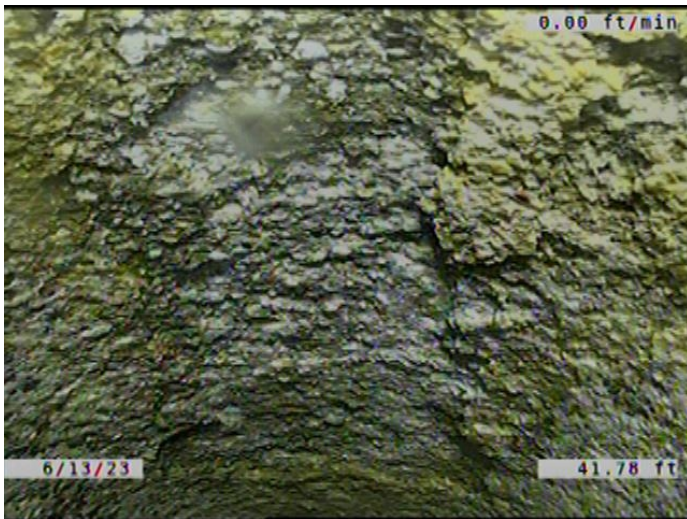
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **31.2**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **50.000**  
Continuous Index: **F05**  
Within 8" of Joint: **NO**  
Remarks:

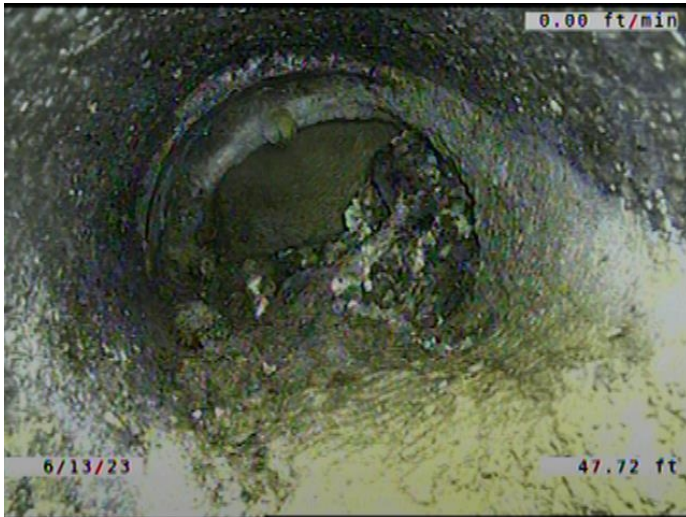
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Code: **SAM**  
Description: **Surface Damage Aggregate Missing**

Distance (ft): **41.8**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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|                     |  |
|---------------------|--|
| Code:               | <b>TFD</b>   |
| Description:        | <b>Tap Factory Defective</b>   |
| Distance (ft):      | <b>47.7</b>  |
| Structural Grade:   | <b>0</b>   |
| O&M Grade:          | <b>3</b>   |
| Clock Start/From:   | <b>1</b>   |
| Clock To:           |  |
| 1st Value:          | <b>6.000</b>   |
| 2nd Value:          |  |
| Value Percent:      |  |
| Continuous Index:   |  |
| Within 8" of Joint: | <b>YES</b>   |
| Remarks:            | <b>SERVICE OFFSET. ENCRUSTATION<br/>COMING FROM THE SERVICE INTO T</b> |

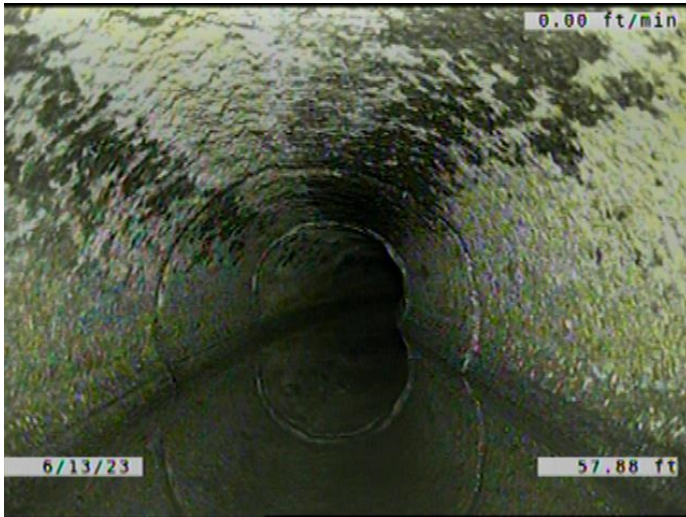
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|                     |                                      |
|---------------------|--------------------------------------|
| Code:               | <b>MWLS</b>                          |
| Description:        | <b>Miscellaneous Water Level Sag</b> |
| Distance (ft):      | <b>51.2</b>                          |
| Structural Grade:   | <b>3</b>                             |
| O&M Grade:          | <b>0</b>                             |
| Clock Start/From:   |                                      |
| Clock To:           |                                      |
| 1st Value:          |                                      |
| 2nd Value:          |                                      |
| Value Percent:      | <b>50.000</b>                        |
| Continuous Index:   | <b>S06</b>                           |
| Within 8" of Joint: | <b>NO</b>                            |
| Remarks:            |                                      |

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

Distance (ft): **57.9**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **50.000**  
Continuous Index: **F06**  
Within 8" of Joint: **NO**  
Remarks:

---



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

Distance (ft): **57.9**  
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: **LR**  
Description: **Line Right**

Distance (ft): **64.7**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---



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

Distance (ft): **73.0**  
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:

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

Distance (ft): **75.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **20.000**  
Continuous Index: **S07**  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **80.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **20.000**  
Continuous Index: **F07**  
Within 8" of Joint: **NO**  
Remarks:

---



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

Distance (ft): **80.4**  
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:

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

Distance (ft): **87.6**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **20.000**  
Continuous Index: **S08**  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **103.7**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **20.000**  
Continuous Index: **F08**  
Within 8" of Joint: **NO**  
Remarks:

---



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

Distance (ft): **103.7**  
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:

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|                     |   |
|---------------------|---|
| Code:               | <b>SAM</b>                              |
| Description:        | <b>Surface Damage Aggregate Missing</b> |
| Distance (ft):      | <b>113.7</b>                            |
| Structural Grade:   | <b>4</b>                                |
| O&M Grade:          | <b>0</b>                                |
| Clock Start/From:   | <b>10</b>                               |
| Clock To:           | <b>2</b>                                |
| 1st Value:          |   |
| 2nd Value:          |   |
| Value Percent:      |   |
| Continuous Index:   | <b>S09</b>                              |
| Within 8" of Joint: | <b>YES</b>                              |
| Remarks:            |   |

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|                     |   |
|---------------------|---|
| Code:               | <b>SAM</b>                              |
| Description:        | <b>Surface Damage Aggregate Missing</b> |
| Distance (ft):      | <b>118.5</b>                            |
| Structural Grade:   | <b>4</b>                                |
| O&M Grade:          | <b>0</b>                                |
| Clock Start/From:   | <b>10</b>                               |
| Clock To:           | <b>2</b>                                |
| 1st Value:          |   |
| 2nd Value:          |   |
| Value Percent:      |   |
| Continuous Index:   | <b>F09</b>                              |
| Within 8" of Joint: | <b>YES</b>                              |
| Remarks:            |   |

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

Distance (ft): **119.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **S10**  
Within 8" of Joint: **NO**  
Remarks:

---



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

Distance (ft): **126.9**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **F10**  
Within 8" of Joint: **NO**  
Remarks:

---



Code: **LU**  
Description: **Line Up**

Distance (ft): **126.9**  
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: **SAM**  
Description: **Surface Damage Aggregate Missing**

Distance (ft): **129.8**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S11**  
Within 8" of Joint: **YES**  
Remarks:

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Code: **SMW**  
Description: **Surface Damage Missing Wall**

Distance (ft): **134.7**  
Structural Grade: **5**  
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: **SOIL AND VOID VISIBLE.**

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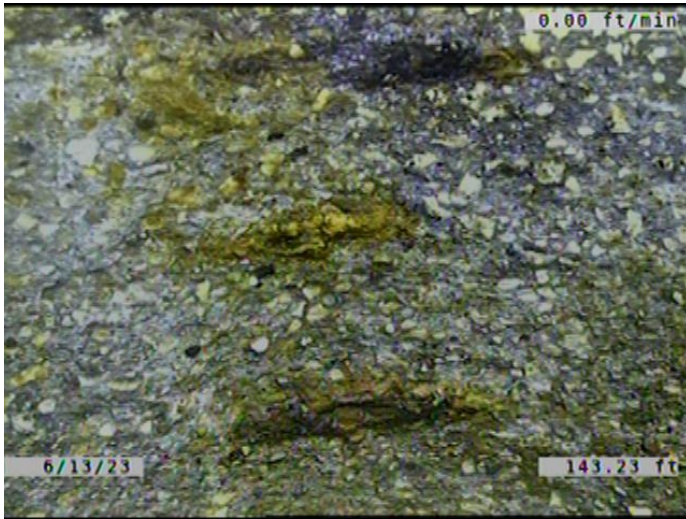


Code: **SAM**  
Description: **Surface Damage Aggregate Missing**

Distance (ft): **140.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F11**  
Within 8" of Joint: **YES**  
Remarks:

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Code: **SRC**  
Description: **Surface Damage Reinforcement Corroded**

Distance (ft): **143.2**  
Structural Grade: **5**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

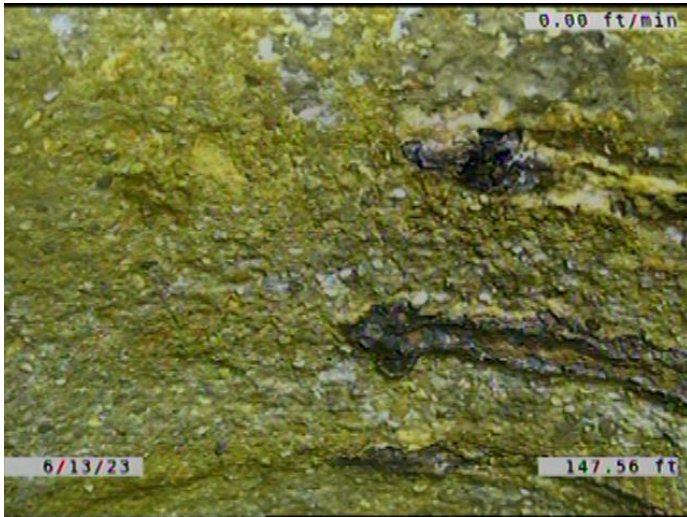
---



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

Distance (ft): **145.4**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **1**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **LOOKS LIKE IT MIGHT BE PLUGGED.**

---



|                     |  |
|---------------------|--|
| Code:               | <b>SRC</b>                                   |
| Description:        | <b>Surface Damage Reinforcement Corroded</b> |
| Distance (ft):      | <b>147.6</b>                                 |
| Structural Grade:   | <b>5</b>                                     |
| O&M Grade:          | <b>0</b>                                     |
| Clock Start/From:   | <b>10</b>                                    |
| Clock To:           | <b>12</b>                                    |
| 1st Value:          |  |
| 2nd Value:          |  |
| Value Percent:      |  |
| Continuous Index:   | <b>S12</b>                                   |
| Within 8" of Joint: | <b>YES</b>                                   |
| Remarks:            |  |

---



|                     |                           |
|---------------------|---------------------------|
| Code:               | <b>TFC</b>                |
| Description:        | <b>Tap Factory Capped</b> |
| Distance (ft):      | <b>149.6</b>              |
| Structural Grade:   | <b>0</b>                  |
| O&M Grade:          | <b>0</b>                  |
| Clock Start/From:   | <b>1</b>                  |
| Clock To:           |                           |
| 1st Value:          | <b>6.000</b>              |
| 2nd Value:          |                           |
| Value Percent:      |                           |
| Continuous Index:   |                           |
| Within 8" of Joint: | <b>YES</b>                |
| Remarks:            |                           |

---



Code: **SRC**  
Description: **Surface Damage Reinforcement Corroded**

Distance (ft): **150.6**  
Structural Grade: **5**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F12**  
Within 8" of Joint: **YES**  
Remarks:

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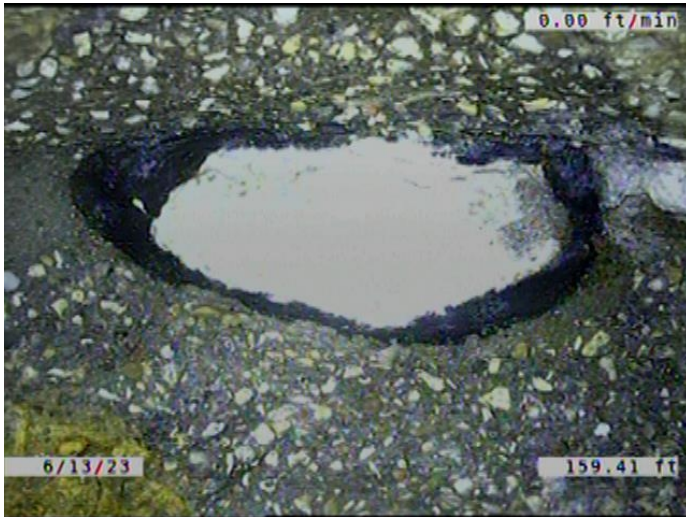


Code: **TFD**  
Description: **Tap Factory Defective**

Distance (ft): **153.4**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **1**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **PLUGGED OFF. SOIL VISIBLE THROUGH THE CAP. ENCRUSTATION**

---





Code: **RPP**  
Description: **Point Repair Patch**

Distance (ft): **159.4**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **SEALANT VISIBLE.**

---

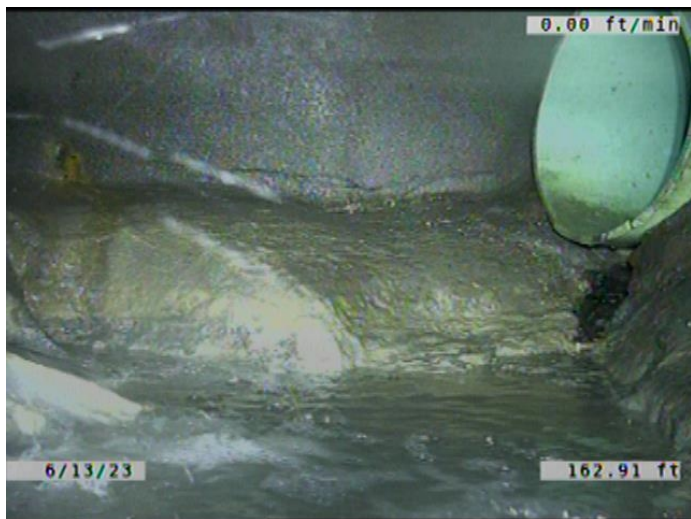


Code: **SRI**  
Description: **Surface Damage Roughness Increased**

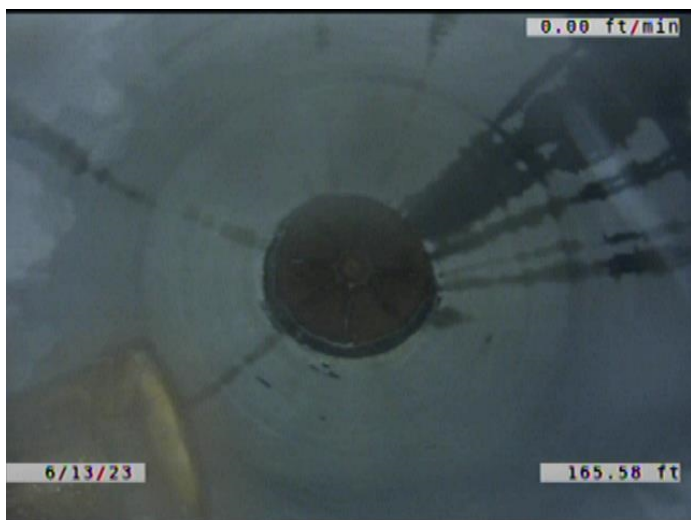
Distance (ft): **162.9**  
Structural Grade: **1**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F13**  
Within 8" of Joint: **YES**  
Remarks:

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|                     |                                       |
|---------------------|---------------------------------------|
| Code:               | <b>DAE</b>                            |
| Description:        | <b>Deposits Attached Encrustation</b> |
| Distance (ft):      | <b>162.9</b>                          |
| Structural Grade:   | <b>0</b>                              |
| O&M Grade:          | <b>2</b>                              |
| Clock Start/From:   | <b>9</b>                              |
| Clock To:           | <b>3</b>                              |
| 1st Value:          |                                       |
| 2nd Value:          |                                       |
| Value Percent:      | <b>5.000</b>                          |
| Continuous Index:   | <b>F03</b>                            |
| Within 8" of Joint: | <b>YES</b>                            |
| Remarks:            |                                       |



|                     |                  |
|---------------------|------------------|
| Code:               | <b>AMH</b>       |
| Description:        | <b>Manhole</b>   |
| Distance (ft):      | <b>165.6</b>     |
| Structural Grade:   | <b>0</b>         |
| O&M Grade:          | <b>0</b>         |
| Clock Start/From:   |                  |
| Clock To:           |                  |
| 1st Value:          |                  |
| 2nd Value:          |                  |
| Value Percent:      |                  |
| Continuous Index:   |                  |
| Within 8" of Joint: | <b>NO</b>        |
| Remarks:            | <b>M-902-045</b> |