

Profile/Photo Observation Report

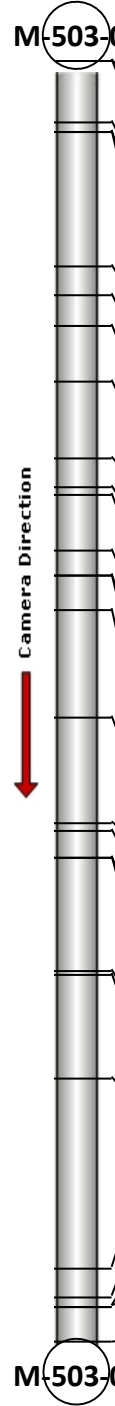


| | | | | | |
|-------------------|-------------------|-------------|-------------------|------------|----------------------|
| Date: | 04/10/2018 | Weather: | | Coding: | PACP 6.0 |
| Pipe Length (ft): | 260.8 | Owner: | NA | Pre Clean: | Not Known |
| P.O.#: | | Surveyor: | Mark Ruby | PSR: | P-503-048-049 |
| Customer: | | Clean Date: | 01/01/1900 | Shape: | C |

| | | | |
|-------------|-------------------|---------------|-----------------------|
| Street: | W 40th ave | Flow Control: | Not Controlled |
| City: | Hobart, IN | Year Renewed: | |
| Location: | Other | Tape/Media #: | |
| Purpose: | Not Known | Dia/Height: | 10" |
| Use: | Sanitary | Material: | VCP |
| Drain Area: | NA | Lining: | |
| Category: | NA | | |
| Comment: | | | |

| | | | |
|-------------------|------------------|-----------------------------|-------------------|
| Location Details: | | Direction of Survey: | Downstream |
| US MH: | M-503-049 | DS MH: | M-503-048 |
| | | Total Length Surveyed (ft): | 245.3 |

| | | | | | |
|-------------------|-------------|-------------------|-------------|--------------------|--------------|
| O&M Index: | 2.00 | O&M Quick: | 322A | O&M Rating: | 30.00 |
| Structural Index: | 0.00 | Structural Quick: | 0000 | Structural Rating: | 0.00 |
| Overall Index: | 2.00 | Overall Quick: | 322A | Overall Rating: | 30.00 |

| | Position | Code | Observation | Video (sec) | Grade |
|--|----------|------|--------------------------------|-------------|-------|
|  | | | | | |
| | .0 | AMH | Manhole | 10 | NA |
| | .0 | MWL | Water Level | 21 | NA |
| | 11.9 | RFJ | Roots Fine Joint | 56 | M 1 |
| | 13.7 | TFD | Tap Factory Defective | 72 | M 2 |
| | 13.7 | RFL | Roots Fine Lateral | 83 | M 1 |
| | 39.2 | MMC | Material Change | 146 | NA |
| | 44.7 | MMC | Material Change | 168 | NA |
| | 50.6 | TFC | Tap Factory Capped | 192 | NA |
| | 61.4 | IS | Infil Stain | 225 | NA |
| | 76.3 | IW | Infil Weeper | 266 | M 2 |
| | 81.7 | IW | Infil Weeper | 289 | M 2 |
| | 83.0 | TF | Tap Factory | 303 | NA |
| | 93.7 | DAE | Deposits Attached Encrustation | 336 | M 2 |
| | 98.4 | DAE | Deposits Attached Encrustation | 357 | M 2 |
| | 98.4 | IW | Infil Weeper | 368 | M 2 |
| | 105.3 | TF | Tap Factory | 393 | NA |
| | 125.6 | IS | Infil Stain | 446 | NA |
| | 145.9 | IW | Infil Weeper | 498 | M 2 |
| | 147.3 | TF | Tap Factory | 512 | NA |
| | 152.7 | DAE | Deposits Attached Encrustation | 535 | M 2 |
| | 152.7 | IW | Infil Weeper | 545 | M 2 |
| | 174.2 | TFA | Tap Factory Active | 600 | NA |
| | 175.0 | IW | Infil Weeper | 613 | M 2 |
| | 194.9 | IS | Infil Stain | 664 | NA |
| | 231.4 | TF | Tap Factory | 748 | NA |
| | 236.7 | RMJ | Roots Medium Joint | 771 | M 3 |
| | 238.6 | RML | Roots Medium Lateral | 786 | M 3 |
| | 238.6 | TFD | Tap Factory Defective | 797 | M 2 |
| | 245.3 | AMH | Manhole | 822 | 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-503-049**

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



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



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

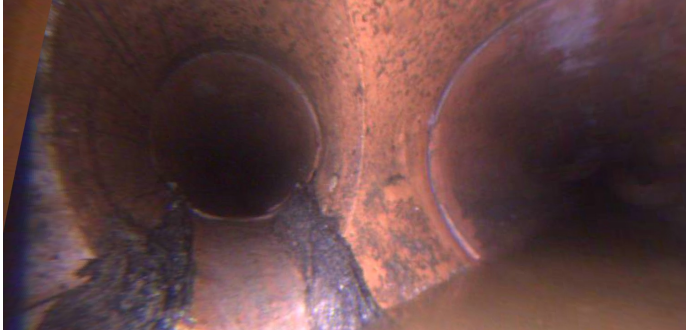
Distance (ft): **11.9**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

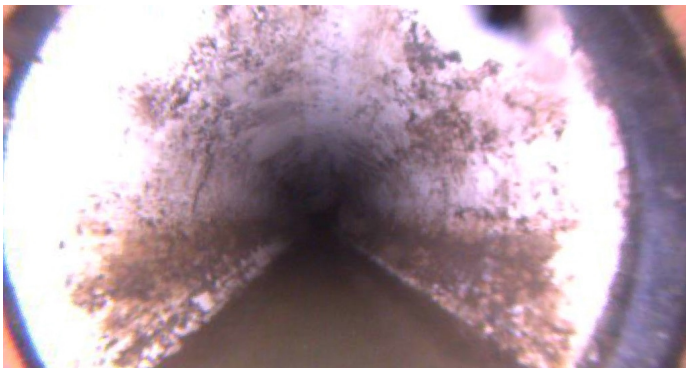
Distance (ft): **13.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **rfl**

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



Distance (ft): **13.7**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **9**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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

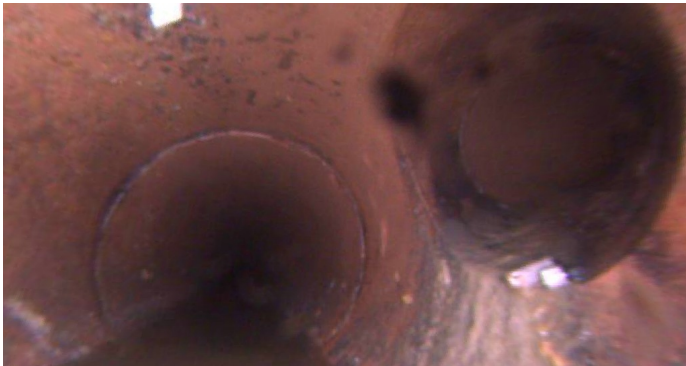


Distance (ft): **39.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **PVC**



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

Distance (ft): **44.7**
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: **VCP**



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

Distance (ft): **50.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **IS**
Description: **Infil Stain**



Distance (ft): **61.4**
Structural Grade: **0**
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: **IW**
Description: **Infil Weeper**



Distance (ft): **76.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **IW**
Description: **Infil Weeper**



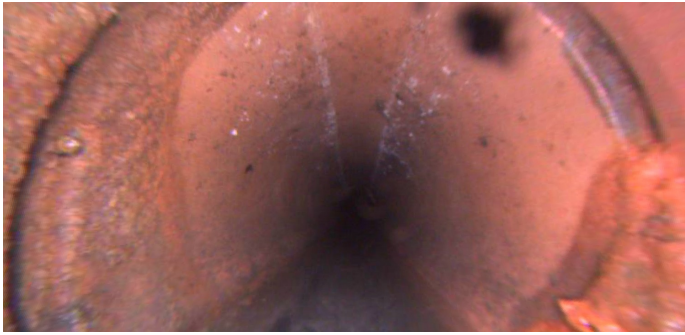
Distance (ft): **81.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **11**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



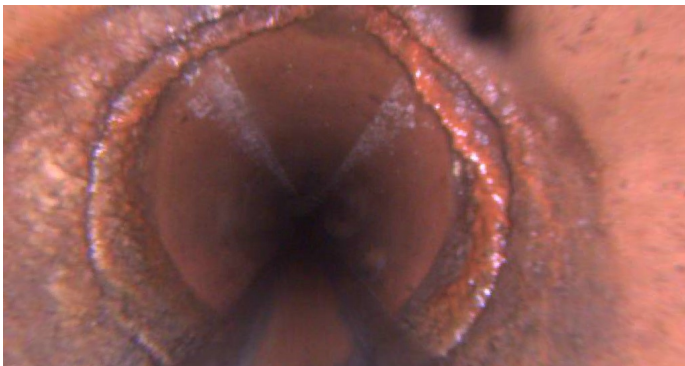
Distance (ft): **83.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **8**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



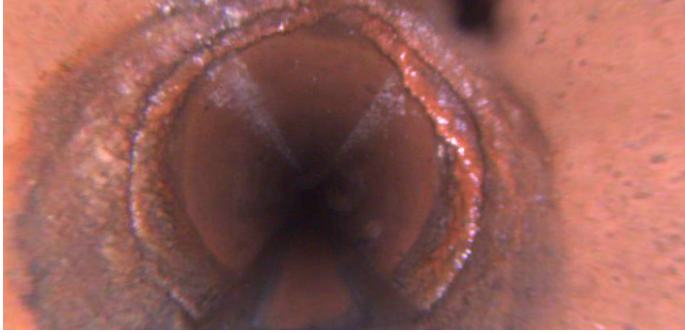
Distance (ft): **93.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



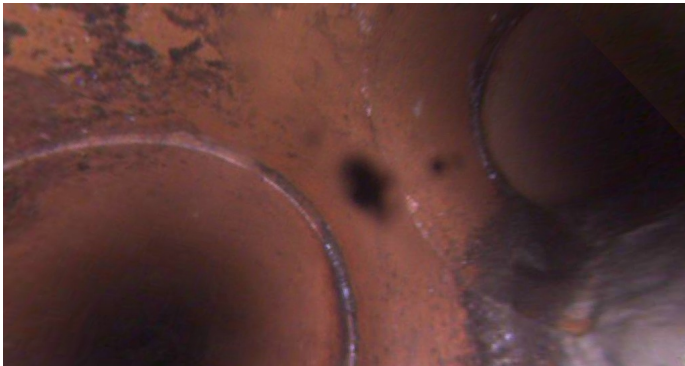
Distance (ft): **98.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **IW**
Description: **Infil Weeper**



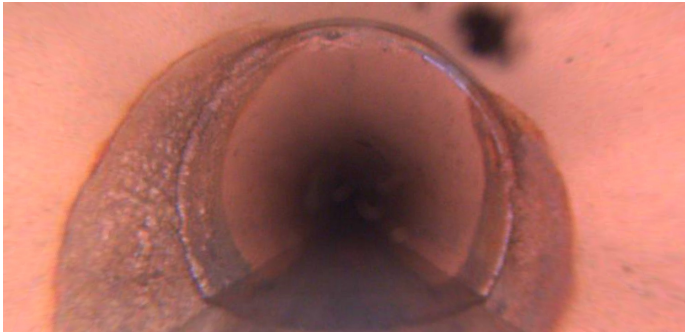
Distance (ft): **98.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **105.3**
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:
Remarks:

Code: **IS**
Description: **Infil Stain**

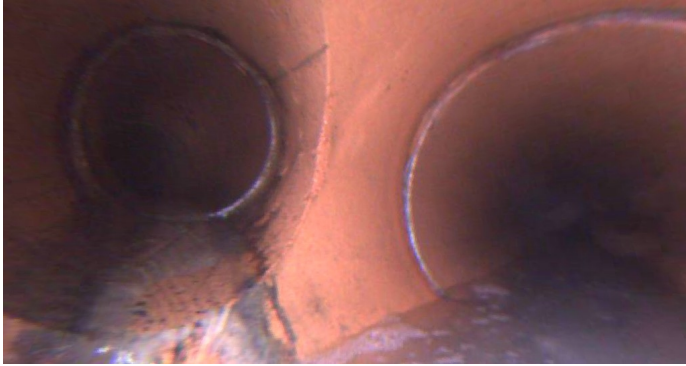


Distance (ft): **125.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **IW**
Description: **Infil Weeper**

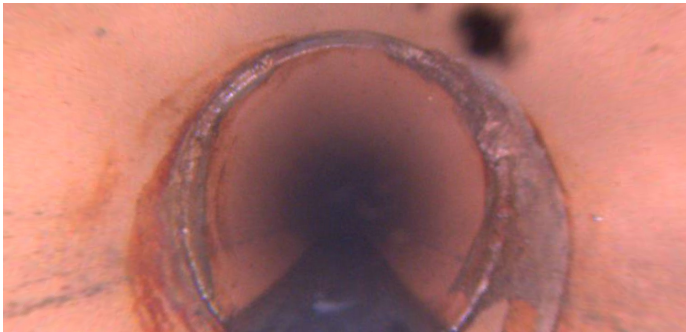


Distance (ft): **145.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

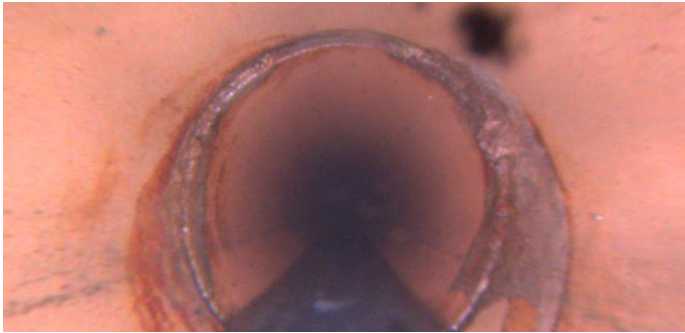
Distance (ft): **147.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **8**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:



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

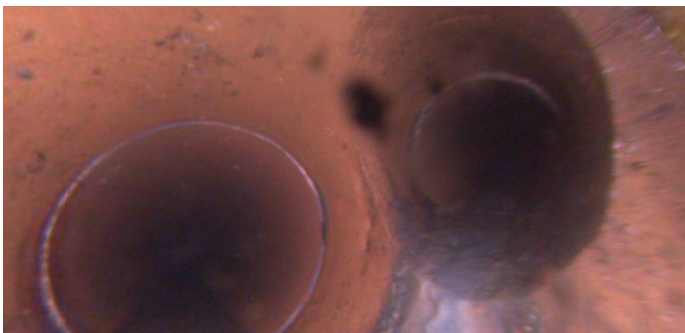
Distance (ft): **152.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **IW**
Description: **Infil Weeper**



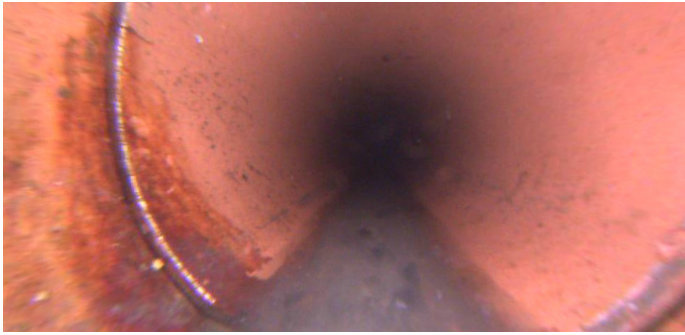
Distance (ft): **152.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **TFA**
Description: **Tap Factory Active**



Distance (ft): **174.2**
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:
Remarks:

Code: **IW**
Description: **Infil Weeper**



Distance (ft): **175.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **9**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **IS**
Description: **Infil Stain**



Distance (ft): **194.9**
Structural Grade: **0**
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: **TF**
Description: **Tap Factory**

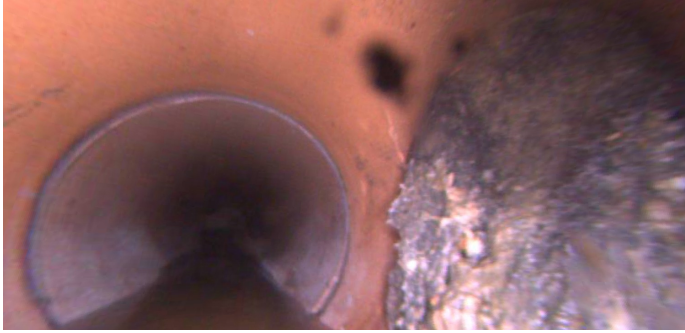
Distance (ft): **231.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **9**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:



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

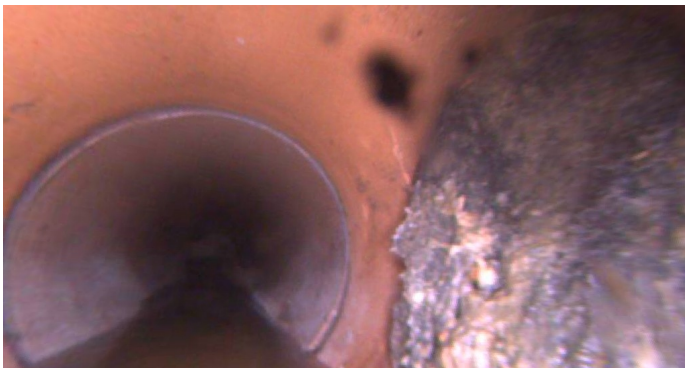
Distance (ft): **236.7**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **238.6**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **3**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **238.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **Roots**



| | |
|---------------------|------------------|
| Code: | AMH |
| Description: | Manhole |
| Distance (ft): | 245.3 |
| 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: | M-503-048 |