

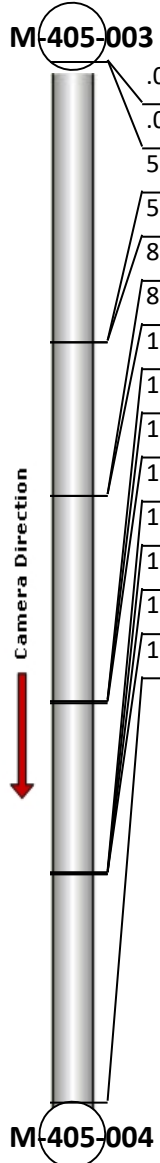
## Profile/Photo Observation Report

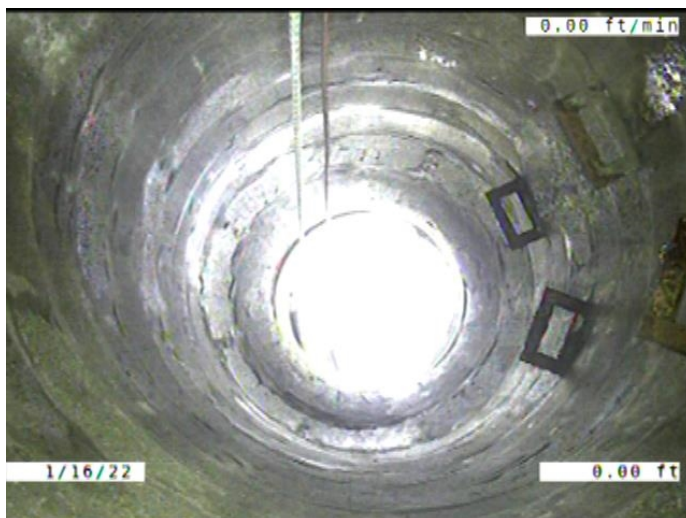


|                   |                       |             |                       |            |                       |
|-------------------|-----------------------|-------------|-----------------------|------------|-----------------------|
| Date:             | <b>01/16/2022</b>     | Weather:    |                       | Coding:    | <b>PACP 7.0</b>       |
| Pipe Length (ft): | <b>197.1</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-405-003-004</b>  |
| Customer:         | <b>City of Hobart</b> | Clean Date: | <b>01/13/2021</b>     | Shape:     | <b>C</b>              |

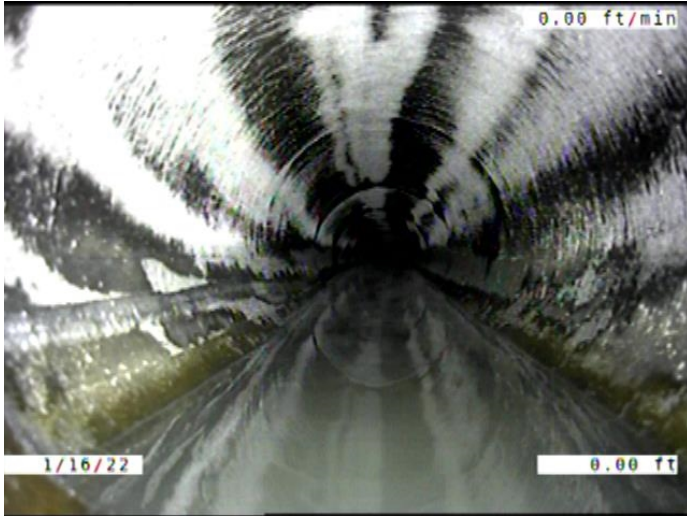
|                   |  |                             |                       |
|-------------------|--|-----------------------------|-----------------------|
| Street:           | <b>South Wabash Street</b>                       | Flow Control:               | <b>Not Controlled</b> |
| City:             | <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>12"</b>            |
| Use:              | <b>Sanitary Sewage Pipe</b>                      | Material:                   | <b>VCP</b>            |
| Drain Area:       |  | Lining:                     | <b>Not Known</b>      |
| Category:         | <b>NA</b>  |                             |                       |
| Comment:          |  |                             |                       |
| Location Details: |  | Direction of Survey:        | <b>Upstream</b>       |
| US MH:            | <b>M-405-004</b>                                 | DS MH:                      | <b>M-405-003</b>      |
|                   |  | Total Length Surveyed (ft): | <b>197.1</b>          |

|                   |             |                   |             |                    |              |
|-------------------|-------------|-------------------|-------------|--------------------|--------------|
| O&M Index:        | <b>2.67</b> | O&M Quick:        | <b>3221</b> | O&M Rating:        | <b>8.00</b>  |
| Structural Index: | <b>3.00</b> | Structural Quick: | <b>3300</b> | Structural Rating: | <b>9.00</b>  |
| Overall Index:    | <b>2.83</b> | Overall Quick:    | <b>3521</b> | Overall Rating:    | <b>17.00</b> |

|  | Position | Code | Observation                       | Video (sec) | Grade |
|--|----------|------|-----------------------------------|-------------|-------|
|  | .0       | AMH  | Manhole                           | 1           | NA    |
|  | .0       | MWL  | Miscellaneous Water Level         | 67          | NA    |
|  | 53.1     | LFUC | Lining Feature Undercut Service   | 272         | S 3   |
|  | 53.1     | TB   | Tap Break-in/Hammer               | 287         | NA    |
|  | 82.2     | RML  | Roots Medium Lateral              | 417         | M 3   |
|  | 82.3     | TB   | Tap Break-in/Hammer               | 440         | NA    |
|  | 121.2    | DAE  | Deposits Attached Encrustation    | 599         | M 2   |
|  | 121.2    | TB   | Tap Break-in/Hammer               | 617         | NA    |
|  | 121.5    | MGO  | Miscellaneous General Observation | 633         | NA    |
|  | 153.5    | IDC  | Infiltration Dripper Connection   | 740         | M 3   |
|  | 153.7    | LFUC | Lining Feature Undercut Service   | 780         | S 3   |
|  | 153.7    | TBC  | Tap Break-in Capped               | 794         | NA    |
|  | 153.9    | LFOC | Lining Feature Overcut Service    | 809         | S 3   |
|  | 197.1    | AMH  | Manhole                           | 1018        | NA    |

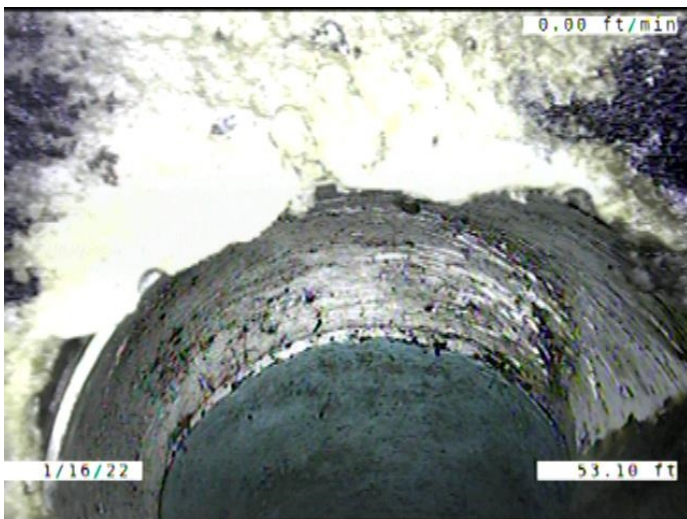


Code: **AMH**  
 Description: **Manhole**  
  
 Distance (ft): **.0**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **M-405-003**



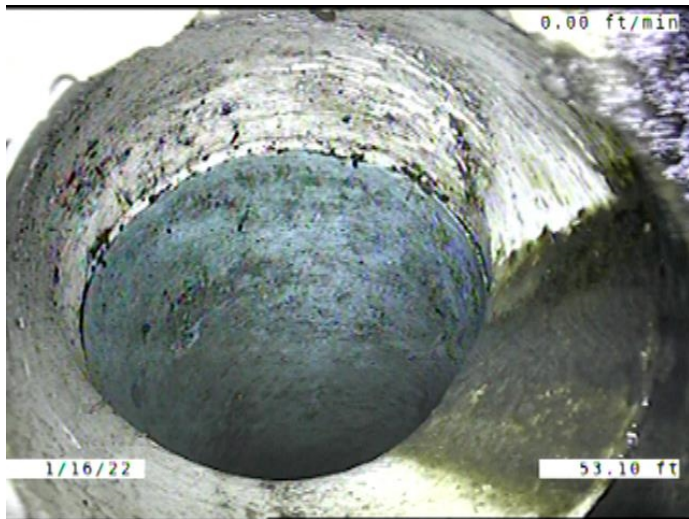
Code: **MWL**  
Description: **Miscellaneous Water Level**

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: **LFUC**  
Description: **Lining Feature Undercut Service**

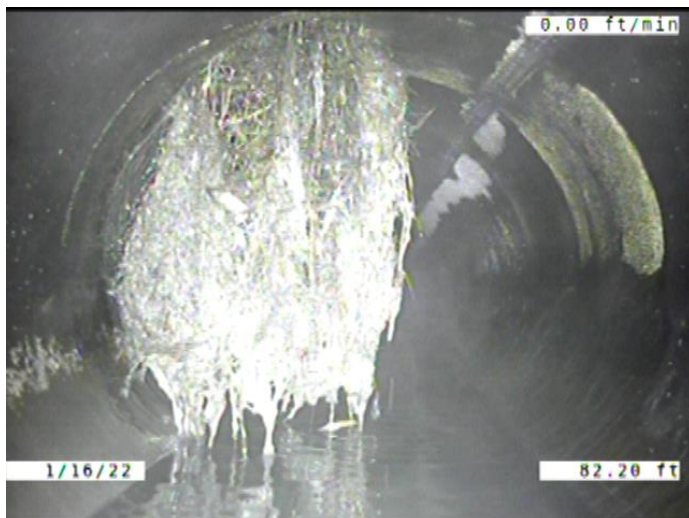
Distance (ft): **53.1**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



Code: **TB**  
Description: **Tap Break-in/Hammer**

Distance (ft): **53.1**  
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: **NO**  
Remarks: **CONSTANTLY RUNNING WATER.**

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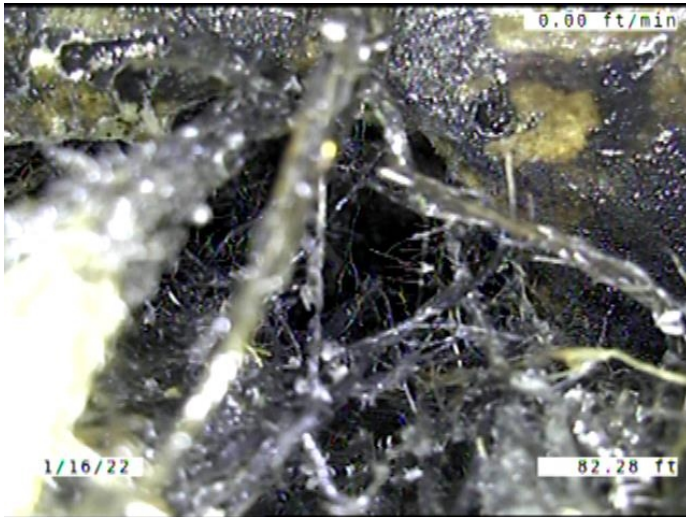


Code: **RML**  
Description: **Roots Medium Lateral**

Distance (ft): **82.2**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **7**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent: **45.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

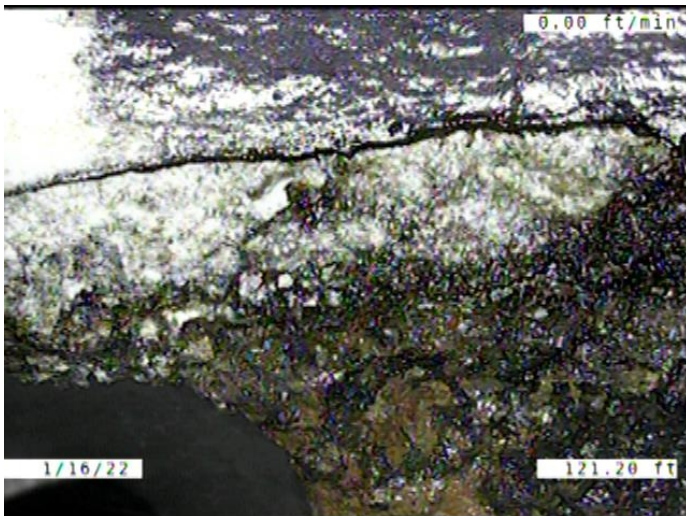
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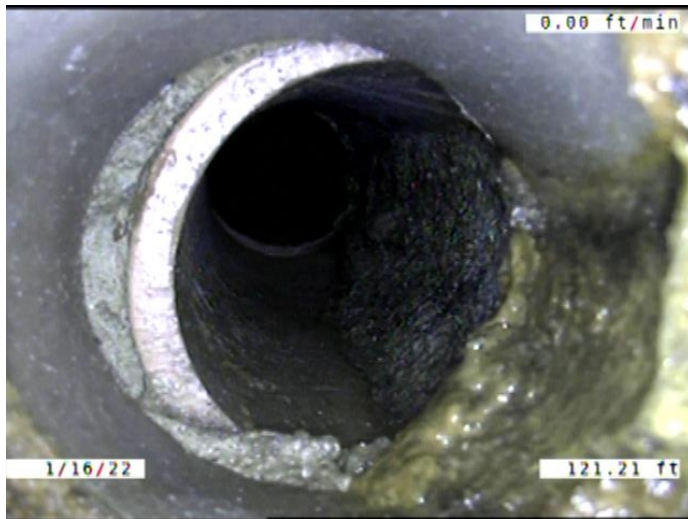
Code: **TB**  
 Description: **Tap Break-in/Hammer**

Distance (ft): **82.3**  
 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: **ROOTS GROWING OUT OF THE SERVICE INTO THE MAIN.**



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

Distance (ft): **121.2**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **12**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



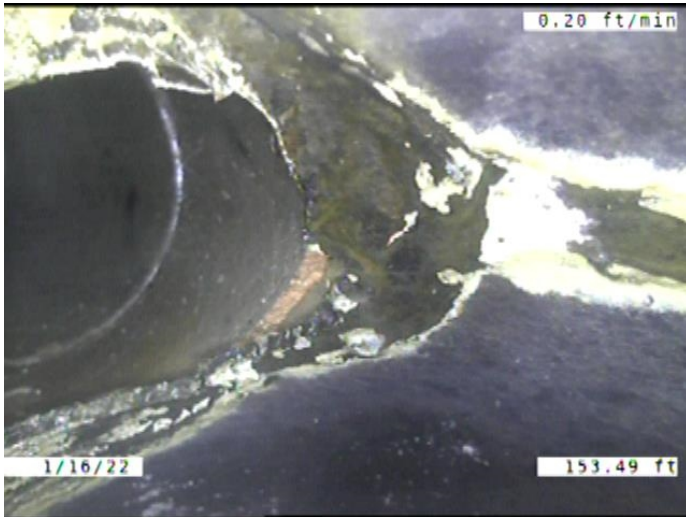
Code: **TB**  
 Description: **Tap Break-in/Hammer**

Distance (ft): **121.2**  
 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: **NO**  
 Remarks: **LARGE OFFSET. SOIL VISIBLE. ENCRUSTATION COMING FROM THE**



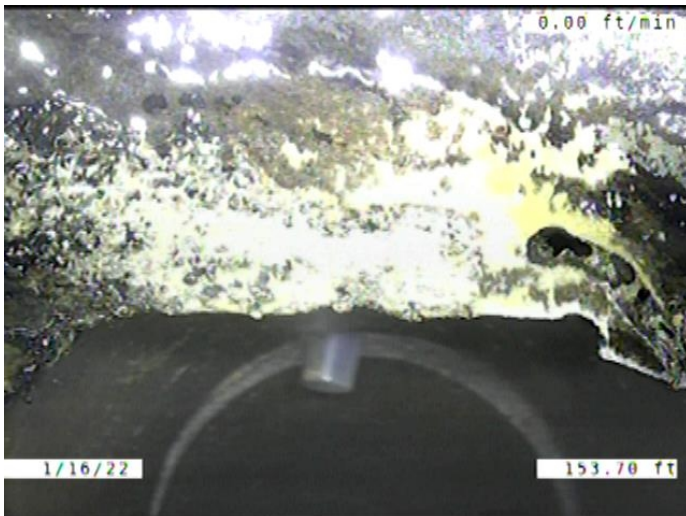
Code: **MGO**  
 Description: **Miscellaneous General Observation**

Distance (ft): **121.5**  
 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: **LIFT STATION KICKED ON. CAMERA WENT UNDER WATER FOR A WHILE.**



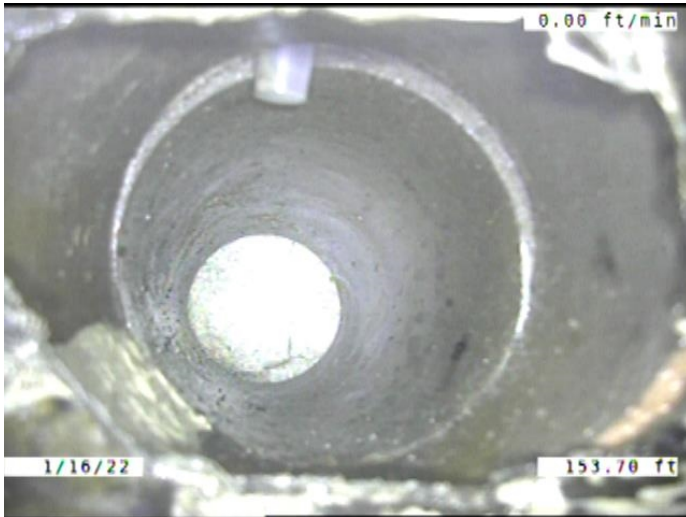
Code: **IDC**  
 Description: **Infiltration Dripper Connection**

Distance (ft): **153.5**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **11**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



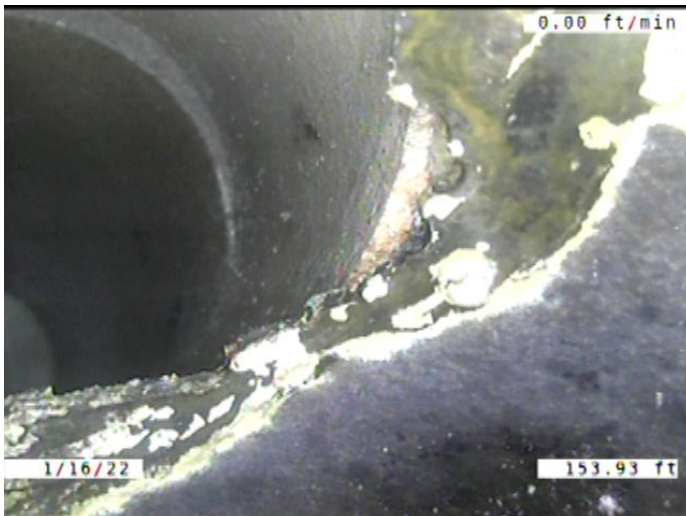
Code: **LFUC**  
 Description: **Lining Feature Undercut Service**

Distance (ft): **153.7**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **TBC**  
 Description: **Tap Break-in Capped**

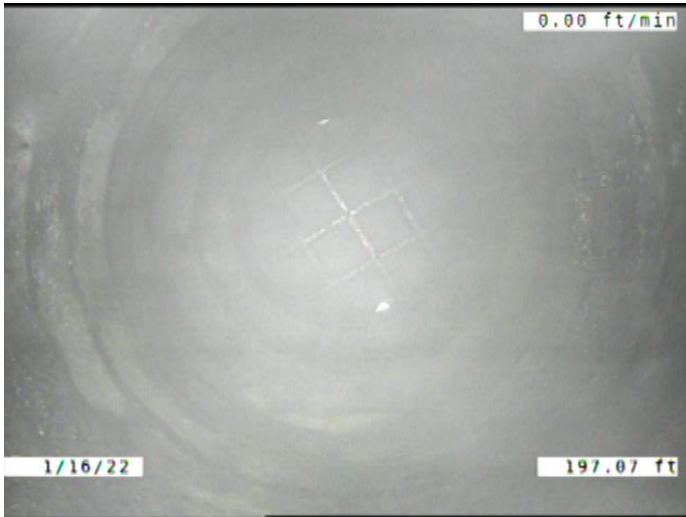
Distance (ft): **153.7**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **LFOC**  
 Description: **Lining Feature Overcut Service**

Distance (ft): **153.9**  
 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: **NO**  
 Remarks:





|                     |                  |
|---------------------|------------------|
| Code:               | <b>AMH</b>       |
| Description:        | <b>Manhole</b>   |
| Distance (ft):      | <b>197.1</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-405-004</b> |