



| SANITARY SEWER MANHOLE REHABILITATION TABULATION |                     |              |                    |                     |                      |            |
|--|---------------------|--------------|--------------------|---------------------|----------------------|------------|
| ITEM CODE  | WVWA MANHOLE NUMBER | TYPE         | TOP ELEVATION (FT) | PIPE INVERT IN (FT) | PIPE INVERT OUT (FT) | DEPTH (FT) |
| T  | 12A-0050            | BRICK        | 986.32             | 979.17 (24" NW)     | 979.07               | 7.3        |
| U  | 12A-0049            | PRECAST UNIT | 983.97             | 976.47              | 976.57               | 3.0        |
| V  | 12A-0048            | PRECAST UNIT | 981.61             | 974.82 (24" SW)     | 974.72               | 6.9        |

\* INSPECTOR MUST APPROVE ALL MANHOLE PREPARATION PRIOR TO ANY REHABILITATION WORK AND/OR FINISHED PRODUCT INSTALLATION.

| SANITARY SEWER MAIN REHABILITATION TABULATION |               |               |                           |                             |               |
|---|---------------|---------------|---------------------------|-----------------------------|---------------|
| ITEM CODE                                     | MAIN MATERIAL | DIAMETER (IN) | UPSTREAM ELEVATION (D.I.) | DOWNSTREAM ELEVATION (D.I.) | LENGTH (D.I.) |
| 19  | CONCRETE      | 24            | 980.18                    | 979.17                      | 109'          |
| 20  | CONCRETE      | 24            | 979.07                    | 976.47                      | 348'          |
| 21  | RCP CLASS III | 24            | 976.37                    | 974.82                      | 7'            |
| 22  | RCP CLASS III | 24            | 974.72                    | 973.76                      | 283'          |

TABLE NOTE:  
 1 LENGTH INDICATED IS MANHOLE TO MANHOLE DISTANCE. SEWER MAIN TRAVERSES ACROSS MULTIPLE SHEETS.

#### NOTES:

- LIMITS OF WORK THIS SHEET PERTINENT TO VEHICULAR EQUIPMENT ACCESS AS REQUIRED TO PERFORM THE REHABILITATION WORK AND/OR ROUTE TRAFFIC BYPASS RAMP.
- NOTED MANHOLE LOCATED OFF PLAN SHEET. LINEAR DISTANCE AND OTHER INFORMATION RELEVANT TO THE MANHOLE BASED ON WVWA GIS DATABASE. CONTRACTOR SHALL FIELD VERIFY.
- CONTRACTOR SHALL SWEEP THE GREENWAY CLEAN AT THE END OF EACH WORK DAY.
- CONTRACTOR MAY ACCESS MANHOLES OUTSIDE OF LIMITS-OF-WORK VIA FOOTPATH ONLY. NO VEHICULAR TRAFFIC OUTSIDE OF LIMITS-OF-WORK IS ACCEPTABLE.
- IT SHALL BE UNDERSTOOD AND AGREED UPON BY THE CONTRACTOR THAT ONLY THOSE TREES THAT DIRECTLY INTERFERE WITH THE CONSTRUCTION OF THE WORK MAY BE REMOVED. WITHIN THE LIMITS OF WORK, TREES FOUR INCHES (4") IN DIAMETER AND SMALLER MAY BE REMOVED. NO TREE GREATER THAN FOUR INCHES (4") IN DIAMETER SHALL BE REMOVED WITHOUT THE APPROVAL OF THE OWNER. ALL COSTS ASSOCIATED WITH CLEARING/GRUBBING, SITE CLEARING, AND TREE/SHRUB REMOVAL SHALL BE INCLUDED IN THE BID PRICE.



# AECOM

**PROJECT**  
 LICK RUN  
 INTERCEPTOR  
 REHABILITATION

**CLIENT**

**WESTERN VIRGINIA  
 WATER AUTHORITY**  
 601 South Jefferson St., Suite 300  
 Roanoke, VA 24011  
 540.853.2100 tel 540.263.8212 fax  
 www.westernvawater.org

**CONSULTANT**

AECOM  
 10 S. Jefferson St., Suite 1000  
 Roanoke, VA 24011  
 540.857.3100 tel 540.857.3100 fax  
 www.aecom.com

**REGISTRATION**



**ISSUE/REVISION**

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
|     |      |             |
|     |      |             |
|     |      |             |
|     |      |             |

**PROJECT NUMBER**

00000031

**SHEET TITLE**

SANITARY SEWER  
 REHABILITATION PLAN  
 STATION 60+00 TO STATION 67+75

**SHEET NUMBER**

C108