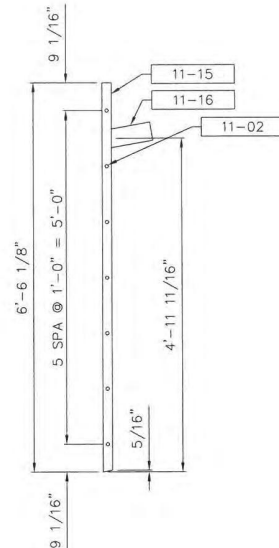


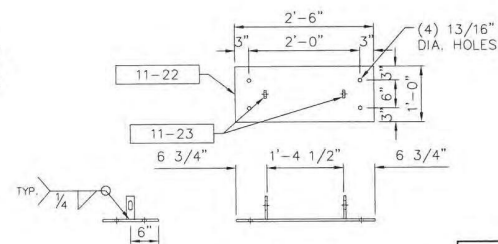
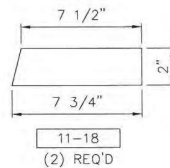
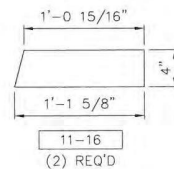
Figure 10.10 shows the elevation and plan views of a bridge deck. The elevation view (left) shows a cross-section of the deck with a total width of 49'-0" and a height of 6". The plan view (right) shows the deck layout with a total length of 46'-0" and a width of 2'-0". The plan view includes labels for 11-02, 11-12, and 11-13, and a note indicating 5 SPA @ 9'-2 3/8" = 46'-0".

11-LA-04

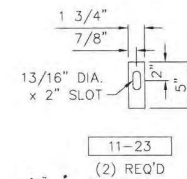


11-LA-05

11-LA-06



11-LB-01



COMMONWEALTH OF VIRGINIA  
GERALD A. BURKE  
Lic. No. 034963  
PROFESSIONAL ENGINEER  
Gerald A. Burke  
12-20-19

| SHIPPING<br>ITEM | QTY. | P.C. MK.     | QTY. | MATERIAL REQ'D                 | DESCRIPTION | UNIT<br>WT. |
|------------------|------|--------------|------|--------------------------------|-------------|-------------|
| 11-LA-04         | 1    |              |      | INSIDE TANK LADDER             |             | 430         |
|                  |      | 11-12        | 2    | FB 3/8" x 2" x 49'-0"          | STRINGER    |             |
|                  |      | 11-02        | 49   | RB 3/4" DIA. REBAR x 1'-4 7/8" | RUNG        |             |
|                  |      | 11-13        | 12   | FB 3/8" x 4" x 1'-2 7/8"       | BRACE       |             |
| 11-LA-05         | 1    | (w/06-PA-10) |      | SLOPED TANK ACCESS LADDER      |             | 60          |
|                  |      | 11-15        | 2    | FB 3/8" x 2" x 6'-6 1/8"       | STRINGER    |             |
|                  |      | 11-02        | 5    | RB 3/4" DIA. REBAR x 1'-4 7/8" | RUNG        |             |
|                  |      | 11-16        | 2    | FB 3/8" x 4" x 1'-1 5/8"       | BRACE       |             |
| 11-LA-06         | 1    | (w/06-PA-10) |      | SLOPING TRANSITION LADDER      |             | 80          |
|                  |      | 11-17        | 2    | FB 3/8" x 2" x 10'-0"          | STRINGER    |             |
|                  |      | 11-02        | 10   | RB 3/4" DIA. REBAR x 1'-4 7/8" | RUNG        |             |
|                  |      | 11-18        | 2    | FB 3/8" x 2" x 7 3/4"          | BRACE       |             |
| 11-LB-01         | 1    |              |      | LADDER BASE                    |             | 60          |
|                  |      | 11-22        | 1    | PL 1/2" x 12" x 2'-6"          | BASE        |             |
|                  |      | 11-23        | 2    | PL 1/2" x 1 3/4" x 4 1/2" LG.  | CLIP        |             |
|                  |      |              |      |                                |             |             |
|                  |      |              |      |                                |             |             |

|                                                                                       |     |                         |         |
|---------------------------------------------------------------------------------------|-----|-------------------------|---------|
| REV.                                                                                  | BY: | DATE                    | REMARKS |
|  |     |                         |         |
| FRANKLIN COUNTY, VIRGINIA                                                             |     |                         |         |
| 500,000 GALLON PEDESPHERE                                                             |     |                         |         |
| BY: TSY                                                                               |     | TITLE: LADDER DETAILS   |         |
| DATE: 12/13/19                                                                        |     | DRAWING NO.: E-8884 11A |         |