Ensure consistency with the 2020 Standard Specifications

NOTES:
A. ENTIRE DEPRESSED AREA OF CURB EXCLUDING THE TAPERED CURBS SHALL HAVE DETECTABLE WARNING TRUNCATED DOMES.
B. THE DETECTABLE WARNING SYSTEM SHALL EXTEND AT LEAST 2'-0" IN LENGTH, MEASURED IN THE DIRECTION OF TRAVEL, FROM THE BACK OF THE CURB ALONG THE PEDESTRIAN CONNECTION SURFACE.
C. SEE SPECIFICATION FOR ADDITIONAL INFORMATION.
Ensure consistency with the 2020 Standard Specifications
It's 2020, Do we need Metric?
BARRIER section to meet the 2016 edition of MASH
CURB & GUTTER

DETECTABLE WARNING

SURFACE DETAILS

A. Entire depressed area of curb excluding the tapered curbs shall have detectable warning surface.
B. The detectable warning system shall start at least 2'-6" in length, measured in the direction of travel, from the back of the curb along the pedestrian connection surface.
C. See specification for additional information.
## Drainage

### D-4 Sheet 1 of 1

#### Inlet Box Schedule

<table>
<thead>
<tr>
<th>L</th>
<th>W</th>
<th>Fabrication Tolerance</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 3/8&quot;</td>
<td>11 3/8&quot;</td>
<td>+1&quot;</td>
</tr>
<tr>
<td>24&quot;</td>
<td>24&quot;</td>
<td>+1&quot;</td>
</tr>
<tr>
<td>34&quot;</td>
<td>18&quot;</td>
<td>-1&quot;</td>
</tr>
<tr>
<td>34&quot;</td>
<td>24&quot;</td>
<td>-1&quot;</td>
</tr>
<tr>
<td>48&quot;</td>
<td>30&quot;</td>
<td>+6&quot;</td>
</tr>
<tr>
<td>48&quot;</td>
<td>48&quot;</td>
<td>+6&quot;</td>
</tr>
<tr>
<td>66&quot;</td>
<td>30&quot;</td>
<td>+6&quot;</td>
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<tr>
<td>66&quot;</td>
<td>48&quot;</td>
<td>+6&quot;</td>
</tr>
<tr>
<td>66&quot;</td>
<td>66&quot;</td>
<td>+6&quot;</td>
</tr>
<tr>
<td>72&quot;</td>
<td>24&quot;</td>
<td>-1&quot;</td>
</tr>
<tr>
<td>72&quot;</td>
<td>48&quot;</td>
<td>-1&quot;</td>
</tr>
<tr>
<td>72&quot;</td>
<td>72&quot;</td>
<td>-1&quot;</td>
</tr>
</tbody>
</table>

* - These boxes are to be used for lawn inlets and are not intended to be used in the travelway. The max depth for these boxes is 4'. See Note 8 for reinforcement.

#### Wall Reinforcement Schedule

<table>
<thead>
<tr>
<th>Interior Wall Dimension</th>
<th>Area of Horizontal Reinforcement per Foot</th>
<th>Area of Vertical Reinforcement per Foot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less Than 4'</td>
<td>0.132</td>
<td>0.132</td>
</tr>
<tr>
<td>4' to 4.5'</td>
<td>0.163</td>
<td>0.132</td>
</tr>
<tr>
<td>4.5' to 5'</td>
<td>0.198</td>
<td>0.132</td>
</tr>
<tr>
<td>5' to 5.5'</td>
<td>0.239</td>
<td>0.132</td>
</tr>
<tr>
<td>5.5' to 6'</td>
<td>0.284</td>
<td>0.132</td>
</tr>
</tbody>
</table>

** The max depth for this box is 4'.
**DRAINAGE**

**D-5 sheet 3 of 9**

<table>
<thead>
<tr>
<th>TOP UNIT</th>
<th>CURB</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYPE A</td>
<td>USE IN NON CURBED</td>
</tr>
<tr>
<td>TYPE B</td>
<td>INTEGRAL PCC CURB &amp; GUTTER, TYPE 1-8 &amp; 3-8, PCC CURB TYPE 1-8</td>
</tr>
<tr>
<td>TYPE C</td>
<td>INTEGRAL PCC CURB &amp; GUTTER, TYPES 1-6, 3-6, 1-4, 3-4, 3-2 AND 3-2 AND PCC CURB TYPE 1-6, 1-4, AND 1-2</td>
</tr>
<tr>
<td>TYPE D</td>
<td>INTEGRAL PCC CURB &amp; GUTTER, TYPE 2</td>
</tr>
<tr>
<td>TYPE E</td>
<td>PCC CURB TYPE 2</td>
</tr>
</tbody>
</table>

**CURB OPENING DETAIL**

**ISOMETRIC VIEW**

TYPE E UNIT SHOWN

**ISOMETRIC VIEW**

TYPE B TOP UNIT SHOWN WITH INTEGRAL CURB & GUTTER TYPE 3
DRAINAGE CHANGES AHEAD

- DOG BOX INLET BOX
- MANHOLE DETAILS
- FLARED END SUPPORT
EROSION

Updates for:
- STANDARD SPECIFICATIONS
- DNREC
- FIELD APPLICATIONS

SILT FENCE uniformity
EROSION

Use post and fence
EROSION

COMPOST FILTER LOG & STONE IS THE OPTION
EROSION

CHECK DAMS

COMPOST FILTER LOG CHECK DAM

NOTE:
1. REMOVE SAE C
2. EROSION DECK MATERIAL TO BE DRAWD IN AND TUCKED TO STAKES AT BOTH ENDS
3. SECTION A-A
4. DIRECTION OF FLOW
5. STONE CHECK DAM

DELAWARE
DEPARTMENT OF TRANSPORTATION

CHECK DAM APPROVED

STANDARD NO. E-9 (2000) SHT. 2 OF 2 RECOMMENDED

THE STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION

STANDARD CONSTRUCTION DETAILS
EROSION

TEMPORARY

INSTALL
NO EXCAVATION
MISCELLANEOUS

DRIVEWAY GRADING

- PROPOSED CONTOURS (TYP.)
- EDGE OF PAVEMENT
- DIRECTION OF TRAVEL

<table>
<thead>
<tr>
<th>DESIGN SPEED</th>
<th>S (H/V)</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 50 MPH</td>
<td>4.3</td>
</tr>
<tr>
<td>≥ 50 MPH</td>
<td>6.3</td>
</tr>
</tbody>
</table>

NOTES:
1. REFER TO PLANS AND STANDARD DETAIL C-3 FOR ENTRANCE CONSTRUCTION.
2. REFER TO THE PLANS FOR LOCATION OF THE CLEAR ZONE.
3. REFER TO THE PLANS FOR THE DITCH SIDESLOPE GRADING REQUIREMENTS.
4. REFER TO THE PLANS FOR PIPE END TREATMENTS.
PAVEMENT

SEALANT DETAIL-
TRANSVERSE AND LONGITUDINAL JOINT

- 0.3T (10' PCC PAVEMENT)
- 0.4T (12' PCC PAVEMENT)
Pavement

PAVEMENT SAFETY EDGE

DESIGNED PAVEMENT WIDTH

RANGE 26° - 40°

TOPSOIL

COMPACTED FILL OR IN SITU MATERIAL

NEW PAVEMENT BASE

NEW PAVEMENT BOX
TRAFFIC

3. Mount meter socket to aluminum panel with (4) 7/8" x 7/8" stainless steel bolts and nylon lock nuts.
4. Mount disconnect switch to aluminum panel with (4) 7/8" x 7/8" stainless steel bolts and nylon lock nuts.
5. All conduit and other associated pieces shall be 2" galvanized unless specified differently on the plans or by local utility company.
6. Weatherproof lighting control cabinet shall contain lighting contactor and appropriate overcurrent protection for lighting circuits being used.
7. Use of these details is meant for smaller intersection lighting systems, or roadway lighting installations with no more than 8 light fixtures. For larger lighting installations, see detail 1-17, 4 of 5.

DELWARE
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SERVICE PEDESTAL
LIGHTING COMPONENT INSTALLATIONS (8 OR LESS FIXTURES)

APPROVED
DECEMBER 2020

For Review
TEMPORARY PEDESTRIAN PATHWAY

**NOTES:**
1. PROVIDE TYPE 1 TEMPORARY PATHWAY, SUPPLY CONCRETE, HOTMIX, COLD PATCH OR MILLINGS TO A MINIMUM DEPTH OF 4", FLUSH WITH EXISTING GRADE.
2. IN THE EVENT THAT THE WALKING SURFACE OF THE TEMPORARY SIDEWALK IS LOCATED MORE THAN 30" FROM GRADE AT ANY POINT ALONG THE PROPOSED PATH, PROVIDE TYPE 2 TEMPORARY SIDEWALK.
3. ANY REQUIRED EXCAVATION TO CONSTRUCT THE PATHWAY IS INCIDENTAL TO ITEM 9600.
4. COST FOR SEEDING REQUIRED TO RESTORE THE AREA IS INCIDENTAL TO ITEM 9600. NO TOPSOIL IS REQUIRED, THEN SEEDING IS CONSIDERED INCIDENTAL TO ITEM 9600.

MAKE ITEMS PAYABLE BY THE DEPARTMENT

DELTA DEPARTMENT OF TRANSPORTATION

STANDARD NO. 2-400 2-18

SH. 1 OF 1

RECOMMENDED FOR REVIEW
TRAFFIC PEDESTRIAN PUSHBUTTONS

NOTES:
1. WHEN CUTTING IS REQUIRED, CONTRACTOR SHALL CONFIRM PROPER HEIGHT OF PEDESTAL IS MAINTAINED PRIOR TO CUTTING POLE.
2. REFER TO POLE MOUNTING FOR PEDESTRIAN SIGNAL HEADS STANDARD PLATES FOR DETAILS.

NOTED:
1. PUSHBUTTON ASSEMBLY SHALL BE SECURED TO WOOD POLES WITH 3/8" LAG BOLTS.

For Review
THANK YOU