Anchor bolts 2" dia. equally spaced at 45° on a 30" dia. bolt circle.
see anchor bolt on (sheet 4 of 4) for other dimensions and specifications.
<table>
<thead>
<tr>
<th>Cantilever Type</th>
<th>Soil Condition</th>
<th>Footing Length</th>
<th>Anchor Bolt (Dia.)</th>
<th>Longitudinal Footing Reinforcement Top &amp; Bottom</th>
<th>Transverse Footing Reinforcement Top &amp; Bottom</th>
<th>Concrete Cu. Yd. (Footing &amp; Pedestal)</th>
<th>Reinforcement Steel Weight (Footing &amp; Pedestal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-1</td>
<td>Sc &gt; 500</td>
<td>9'</td>
<td></td>
<td>#5 BARS 8 SPA @ 1'-1/2&quot; = 8'-4&quot;</td>
<td>#5 BARS 17 SPA @ 0'-6&quot; = 8'-6&quot;</td>
<td>7.8</td>
<td>882 lbs</td>
</tr>
<tr>
<td>E-2</td>
<td>250 ≤ Sc ≤ 500</td>
<td>10'</td>
<td>2&quot;</td>
<td>#4 BARS 11 SPA @ 0'-9&quot; = 8'-3&quot;</td>
<td>#4 BARS 16 SPA @ 0'-7&quot; = 9'-4&quot;</td>
<td>8.4</td>
<td>747 lbs</td>
</tr>
<tr>
<td>E-3</td>
<td>100 ≤ Sc &lt; 250</td>
<td>15'</td>
<td></td>
<td>#4 BARS 13 SPA @ 0'-7 3/4&quot; = 8'-4&quot;</td>
<td>#4 BARS 10 SPA @ 1'-5&quot; = 14'-2&quot;</td>
<td>11.8</td>
<td>798 lbs</td>
</tr>
</tbody>
</table>

*SC = Allowable shear in cohesive soils. (lbs/ft²)

**N = Blows/ft of penetration. (astm testing procedure).
Steel template must be kept horizontally level at all times after installation.

Anchor bolts (Typ.)

Heavy hex nuts (16 required per template)

90°

1 1/2° Bevel

Keep anchor bolts plumb (Typ.)

An anchor bolt cage shall be shop fabricated from #6 bar circle or 3/4" square stock or approved equal welded to inside of anchor bolts to hold alignment.

See section C-C for template details

Note: The top of foundation shall be 3" (±1") above the finished grade around the perimeter of the footing. The maximum slope along the width of the footing shall be 1 on 2.

#4 Circular ties

After installation level at all times be kept horizontally

Steel template must be kept horizontally level at all times after installation.

#4 Circular ties

NOT TO SCALE

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAY DEVELOPMENT STANDARD PLAN

(SPECIAL DETAIL)

F.H.W.A. APPROVAL

SIGN-330-B SHEET 3 OF 4

NOTE: THE ORIGINAL SIGNED COPY IS KEPT ON FILE AT THE MICHIGAN DEPARTMENT OF TRANSPORTATION.
ANCHOR BOLT INFORMATION

NOTES:

1. Bar reinforcement and spirals, if used for foundation, shall be per MDOT Standard Specifications for Construction.

2. A template and anchor bolt cage shall be shop fabricated and assembled prior to being approved by MDOT for shipping.

3. Diameter of bolt holes in template shall be 1/8" larger than anchor bolt diameter.

4. The template and handles shall be well supported, horizontally level and firmly anchored in place a minimum of 24 hours after the concrete placement is completed.

5. Care shall be taken during the concrete placement to avoid displacing the anchor bolts.

6. No hammering on the anchor bolts or template will be allowed.

7. After template is removed, thread nuts on to the bolt flush with the bolt end to protect threads until sign support is erected.