Direction of traffic

1 1/2" Bevel on all exposed concrete edges (Typ.)

1 1/2" Diameter anchor bolt (8 req'd.)

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.

TRUSS FOUNDATION
TYPE C

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAY DEVELOPMENT
STANDARD PLAN FOR

PREPARED BY: DESIGN DIVISION

APPROVED BY: DIRECTOR, BUREAU OF FIELD SERVICES

APPROVED BY: DIRECTOR, BUREAU OF HIGHWAY DEVELOPMENT

DEPARTMENT DIRECTOR
Kirk T. Studee

WASHINGTON, D.C.
F.H.W.A. APPROVAL

SIGN-600-B SHEET

12/17/13 PLAN DATE 1 OF 2

DEPARTMENT DIRECTOR
Kirk T. Studee

APPROVED BY: DIRECTOR, BUREAU OF FIELD SERVICES

APPROVED BY: DIRECTOR, BUREAU OF HIGHWAY DEVELOPMENT

PREPARED BY: DESIGN DIVISION

MICHIGAN DEPARTMENT OF TRANSPORTATION
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SIGN-600-B SHEET

12/17/13 PLAN DATE 1 OF 2
**Steel Reinforcement**

<table>
<thead>
<tr>
<th>Bar</th>
<th>Size</th>
<th>Dimensions</th>
<th>No. Req.</th>
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<tr>
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<td>4'-0&quot;</td>
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<tr>
<td>A-11</td>
<td>#4</td>
<td>14'-0&quot;</td>
<td>2</td>
</tr>
<tr>
<td>A-12</td>
<td>#4</td>
<td>11'-3&quot;</td>
<td>2</td>
</tr>
<tr>
<td>A-13</td>
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<td>10'-8&quot;</td>
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<tr>
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<td>#4</td>
<td>10'-2&quot;</td>
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<tr>
<td>A-15</td>
<td>#4</td>
<td>9'-7&quot;</td>
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<tr>
<td>A-16</td>
<td>#4</td>
<td>9'-1&quot;</td>
<td>2</td>
</tr>
<tr>
<td>B-10</td>
<td>#4</td>
<td>7'-3&quot;</td>
<td>14</td>
</tr>
<tr>
<td>B-11</td>
<td>#4</td>
<td>7'-3&quot;</td>
<td>4</td>
</tr>
</tbody>
</table>

**ANCHOR BOLT DETAIL**

(FOR TYPE C)

8 REQUIRED PER FOUNDATION

**TYPE C**

10 cu. yd CONC.
237 lbs REINF. STEEL

**NOTES:** (For type C)

1. Top of concrete shall be 3' min. above ground.

2. Anchor bolts shall be carefully set and held vertically at the correct location and at the proper elevation with a 3/4" plywood (or approved equal) template until concrete has set. Each set of four bolts shall be tied together by welding into a basket with 6 bar circle or approved equal along with securing a 3/4" plywood (or approved equal) template in place prior to being approved by MDOT for shipping (see anchor bolt detail sheet #2).

3. Anchor bolts, nuts, and washers shall be per section 908.14 of the MDOT Standard Specifications for Construction. A minimum of 3 threads shall show above the top of the nut after tightening.

4. For truss foundation in concrete barrier, double face, refer to road standard plan R-51-Series.

**NOT TO SCALE**