FOOTING DATA TABLE

<table>
<thead>
<tr>
<th>POST SIZE</th>
<th>CONCRETE FOOTING</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>POST SIZE</td>
</tr>
<tr>
<td>DIA.</td>
<td>MINIMUM DEPTH</td>
</tr>
<tr>
<td>2&quot; X 2&quot;</td>
<td>12&quot;</td>
</tr>
</tbody>
</table>

LEGEND:
- High Strength (HS)
- Weld triangle (W)
- V

NOTES:
1. Breakaway sign support is not required for signs placed behind protective barriers.
2. Install breakaway assembly in the direction of major traffic.
3. Use 10 gage Class B corrosion resistant square steel posts. Paint brown any corrosion resistant steel posts that do not naturally change color to brown.
4. Use galvanized steel in breakaway plates, bond breaking plates, and fastening structural bolts with nuts and washers. Paint brown to match the appearance of the corrosion resistant steel posts.
5. Use the Multiple Post Breakaway detail on single posts where exposed to opposing lanes of traffic.
6. Use fuse plates on multiple post installations only.
7. Refer to Detail E633-01 for sign mounting details.

FUSE PLATE DATA TABLE

<table>
<thead>
<tr>
<th>POST SIZE</th>
<th>(G)</th>
<th>(H)</th>
<th>(I)</th>
<th>(J)</th>
<th>(K)</th>
<th>(L)</th>
<th>(M)</th>
<th>(N)</th>
<th>6&quot;</th>
<th>8&quot;</th>
<th>12&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot; X 2&quot;</td>
<td>4&quot;</td>
<td>2½&quot;</td>
<td>1½&quot;</td>
<td>2&quot;</td>
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<td>1½&quot;</td>
<td>½&quot;</td>
<td>½&quot;</td>
<td>½&quot;</td>
<td>200</td>
</tr>
</tbody>
</table>

SECTION A-A

BREAKAWAY PLATE

BOND BREAKING PLATE

SIDE ELEVATION

FRONT ELEVATION

CONCRETE FOOTING

U.S. CUSTOMARY DETAIL
BREAKAWAY SIGN SUPPORT CORROSION RESISTANT STEEL

MULTIPLE POST BREAKAWAY

See Note 6

SINGLE POST BREAKAWAY

See Notes 4 and 5

CONCRETE FOOTING

SIDE ELEVATION

SIDE ELEVATION

Drill ⅝" woop hole
HS structural bolts with washers and nuts (typ.) See Base Connection Data Table

Bond breaking plates, 20 ga.

Bevel to allow for wrench access

Minimum footing depth

See Note 6

Sign post

Concrete footing

Drill ⅝" woop hole

Bond breaking plates, 20 ga.

Bevel to allow for wrench access

Minimum footing depth

See Note 6

Sign post

Concrete footing

Sign post

Concrete footing

Traffic flow

One Range and web cut through

Structural bolts with washers and nuts (typ.)

Diameter of bolt hole d

G Post cut through at G of plate

Fuse plate, notched down

Fuse plate

Sign post

Finished grade

Wrench (plate)

Bevel to allow for wrench access

View (massed plate detail)