When 0" 2 1/2"

3/8" (IN) DIAMETER HEX HEAD BOLT, NUT AND WASHERS (TYP.)

COMMERCIAL GRADE 7-GAGE STEEL TUBE (TYP.)

COMMERCIAL GRADE CONCRETE (TYP.)

ELEVATION

ELEVATION

DUAL-POST INSTALLATION

3/8" (IN) DIAMETER STEEL FLAT WASHER (TYP.)

STEEL SIGN SUPPORT TYPES SB-1, SB-2 & SB-3 ~ 8" (IN)

STEEL SIGN SUPPORT TYPES SB-1, SB-2 & SB-3 INSTALLATION DETAILS

STANDARD PLAN G-24.40-04

NOTE:

1. For "W", Horizontal distance from edge of traveled way to center of nearest post, and "V", Vertical distance from edge of traveled way to bottom of sign, see Standard Plan G-20.10.


3. Top of concrete foundations shall be smooth, dense, and uniform to finished groundline.


5. Slip Base materials shall meet the requirements of Standard Specification 9-06.

WIND LOAD FOR SQUARE TUBE POSTS AT 90 MPH

<table>
<thead>
<tr>
<th>POSTS</th>
<th>MAXIMUM XYZ</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-POST</td>
<td>172</td>
</tr>
<tr>
<td>2-POST</td>
<td>344</td>
</tr>
<tr>
<td>3-POST</td>
<td>516</td>
</tr>
</tbody>
</table>

* 2 1/2" PSST with 2 1/4" insert 12-GAGE 309 618 927

* 3" SOLID POST 7-GAGE 471 942 1453

(MAXIMUM 3 SLIP BASES ALLOWED IN 7 SPAN)

SHEET 1 OF 4 SHEETS

APPROVED FOR PUBLICATION

John C. Nash

State Design Engineer
Washington State Department of Transportation

Drawn By: Fern Liddle
ASSEMBLY NOTES

1. Dimensions for the parts used to assemble the base connections are intentionally not shown. Base connections are patented, manufactured products that are in compliance with NCHRP 350 crash test criteria. The base connection details are shown on this plan only to illustrate how the parts are assembled.

2. Do not tighten any single Slip Plate Bolt to the recommended torque before pretightening the other bolts. Progressively tighten the three Slip Plate Bolts in 10 ft-lb increments, alternately, to a final torque of 40 ft-lbs on each.


Dimensions for the parts used to assemble the base connections are intentionally not shown. Base connections are patented, manufactured products that are in compliance with NCHRP 350 crash test criteria. The base connection details are shown on this plan only to illustrate how the parts are assembled.

Do not tighten any single Slip Plate Bolt to the recommended torque before pretightening the other bolts. Progressively tighten the three Slip Plate Bolts in 10 ft-lb increments, alternately, to a final torque of 40 ft-lbs on each.

Slip Base assembly materials shall meet the requirements of Standard Specifications 9-06 and 9-28.
ASSEMBLY NOTES

1. Dimensions for the parts used to assemble the base connections are intentionally not shown. Base connections are patented, manufactured products that are in compliance with NCHRP 350 crash test criteria. The base connection details are shown on this plan only to illustrate how the parts are assembled.

2. Do not tighten any single Slip Plate Bolt to the recommended torque before pretightening the other bolts. Progressively tighten the three Slip Plate Bolts in 10 ft-lb increments, alternately, to a final torque of 40 ft-lbs on each.

3. Use only Slip Base manufacturer supplied hardware that meets the requirements of Standard Specifications 9-06 and 9-28.