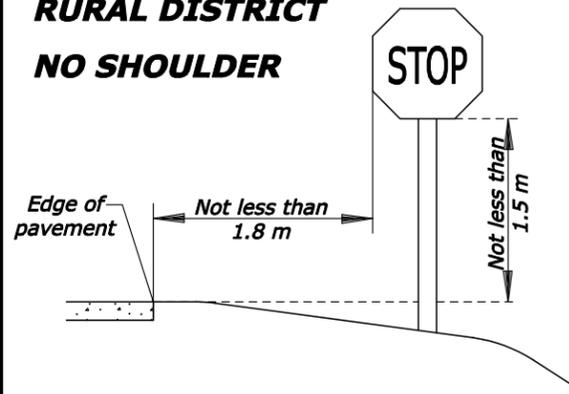
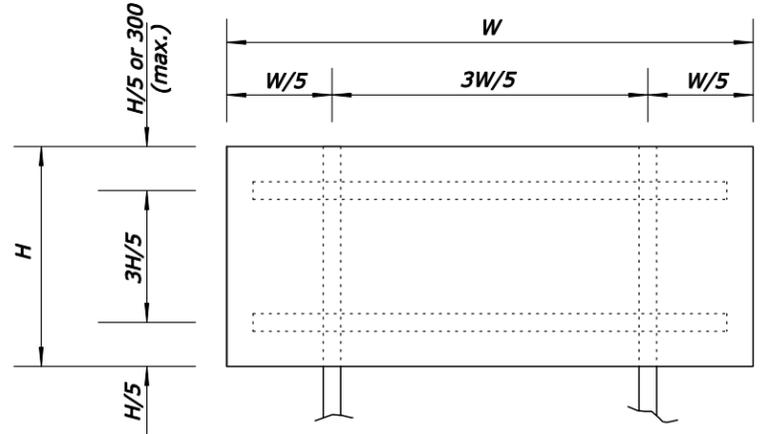
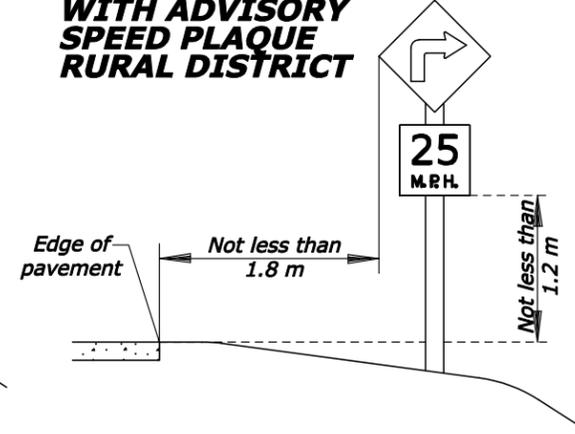


**ROADSIDE SIGN  
RURAL DISTRICT**

**NO SHOULDER**

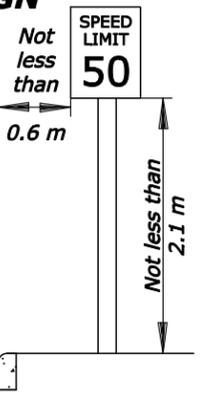


**WARNING SIGN  
WITH ADVISORY  
SPEED PLAQUE  
RURAL DISTRICT**

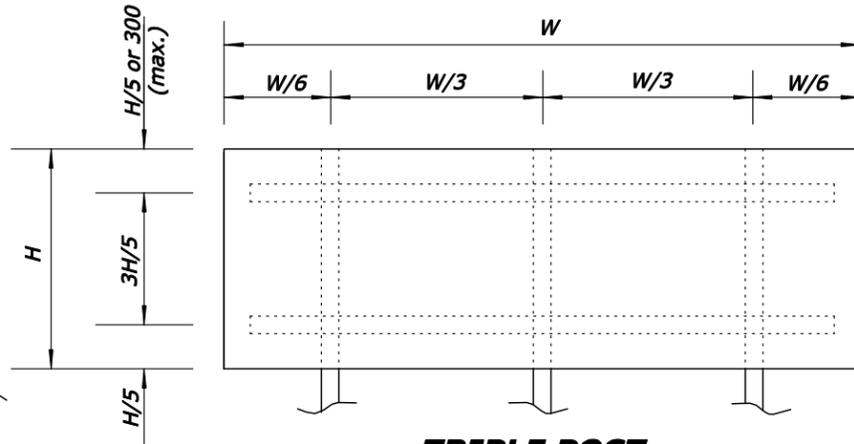
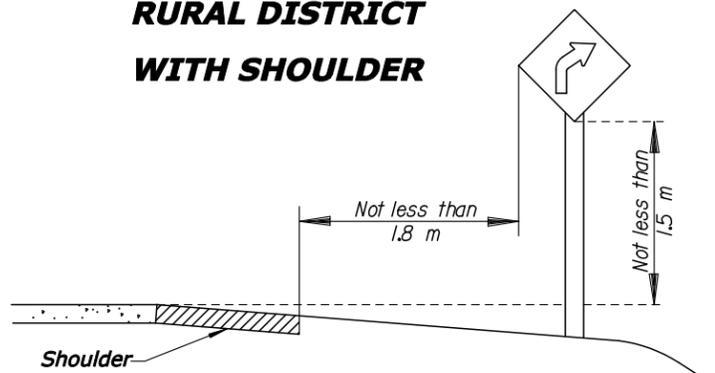


**DOUBLE POST**

**ROADSIDE SIGN  
BUSINESS OR  
RESIDENCE  
DISTRICT**



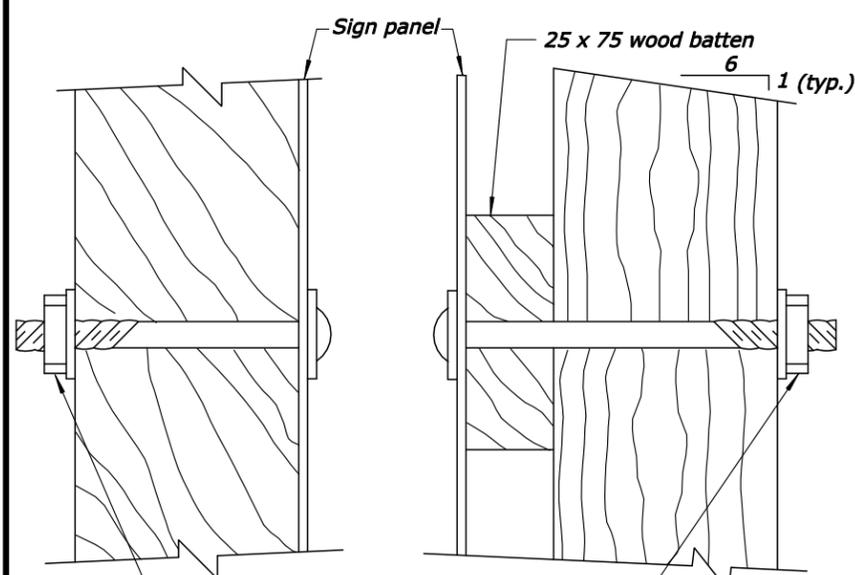
**ROADSIDE SIGN  
RURAL DISTRICT  
WITH SHOULDER**



**TRIPLE POST**

**NOTES:**

1. Unless otherwise shown, dimensions are in millimeters.
2. Locations and height to be in accordance with the "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD), Latest edition.
3. Use wood battens bolted to post at vertical spacings not to exceed 750 mm.
4. Use double posts if W is over 900 mm.
5. For sign punching details, See the blank standards in the "Standard Highway Signs" as specified in the MUTCD, latest edition.
6. For steel posts, provide a 6.4 x 150 mm soil plate. Use the same type of steel for the soil plate as for the post. Soil plate is not required for breakaway design.
7. For signs requiring post size 150 x 150 mm and greater, signs are considered to be non-breakaway if multiple posts are required and posts cannot be spaced a minimum of 2 meters apart. Place non-breakaway signs outside the clearzone or shield with approved barrier. Do not place holes in non-breakaway signs.
8. Furnish hardware in the metric sizes shown. Equivalent imperial sizes may be used when metric sizes are not available.
9. Depth, D, is to be in accordance with the 'Manual on Uniform Traffic Control Devices for Streets and Highways' (MUTCD), latest edition, Section 2A.21 and the AASHTO manual 'Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals', latest edition or as directed by the CO. D (min) is given in CHART A.

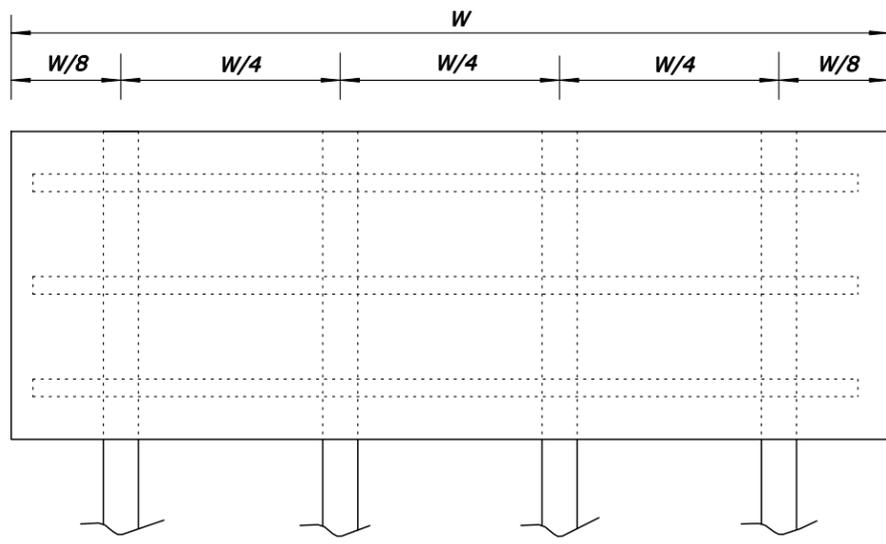


M10 bolt, hexnut and washer, 2024-T4, aluminum or galvanized steel or equal as approved by the CO.

**WITHOUT BATTEN**

**WITH BATTEN**

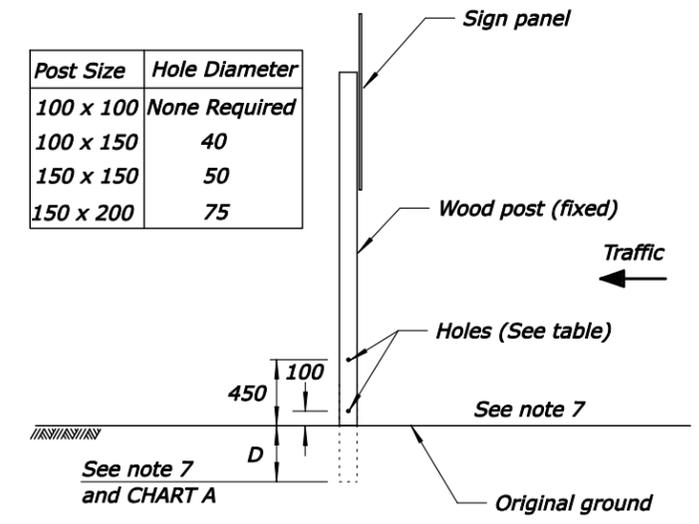
**FASTENER DETAIL**



**QUADRUPLE POST**

| Post Size (millimeters) | D (min.) * | Maximum Sign Area (square meters) |             |             |                |
|-------------------------|------------|-----------------------------------|-------------|-------------|----------------|
|                         |            | Single Post                       | Double Post | Triple Post | Quadruple Post |
| 100 x 100 (Wood)        | 900        | 0.9                               | 1.8         |             |                |
| 100 x 150 (Wood)        | 1200       | 1.4                               | 3.3         | 4.2         | 5.6            |
| 150 x 150 (Wood)        | 1200       | 1.8                               | 4.6         | 6.9         | 9.3            |

\*See note 7



| Post Size | Hole Diameter |
|-----------|---------------|
| 100 x 100 | None Required |
| 100 x 150 | 40            |
| 150 x 150 | 50            |
| 150 x 200 | 75            |

**BREAKAWAY SUPPORT DETAIL**

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
EASTERN FEDERAL HIGHWAY DIVISION

METRIC STANDARD

**SIGN STRUCTURES**

DETAIL APPROVED FOR USE  
REVISID: 07/02 03/07

DETAIL  
EM633-01