

Standard Guidelines for Product Review

SIGN SUPPORTS, PORTABLE;

Section 00225.11

April 9, 2001

DEPARTMENT OF
TRANSPORTATION

Construction Section

800 Airport Road SE
Salem, OR 97301-4798
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This guideline is for portable sign stands that are intended to be used with rigid or roll-up signs.

In addition to the following requirements, the special provisions for each project may include additional requirements to cover specific project concerns, such as:

1. Be capable of supporting signs in vehicle-caused turbulence, and in winds common to the area where they are used.
2. Capable of supporting amber flasher units, if required, in proper alignment to traffic.

Standard Review Guidelines:

We require portable sign stands to meet the following general requirements:

1. Be free standing.
2. Withstand 100 KPH (60 MPH) wind, using a 1.2 m 1.2 m (48" x 48") sign. For this test, a sand bag weighing 10 kg or less may be placed on each of the legs.
3. Be able to hold the sign upright and readable.
4. Have four adjustable legs to allow the attached sign to remain vertical, even in rough terrain or where there are curbs.
5. Be able to easily mount and dismount signs common to the industry.
6. Shall be tested and pass the provisions of NCHRP 350 for rigid or roll-up signs, or both.
7. Shall have formal approval from the NCHRP 350 Crash Testing, from the FHWA.
8. Allow the mounted sign to be situated 305 mm (1 foot) above the pavement surface.
9. Allow the mounting of flags above the top of the sign.
10. Include labeling, indicating:
 - Model number,
 - Manufacturer's name,
 - Manufacturer's address, and
 - Manufacturer's phone number.

Process - Submit the following:

- Preliminary Information for Product Evaluation Form.
- Independent test results showing compliance with Specs listed above.
- Spec Data Sheet.
- Sample sign stand for evaluation

Please forward your information and/or questions to:

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