

Other mandatory technical criteria & mandatory test applicable for this work

1. For guard rail beams, posts & spacer material shall conform to IS: 10748 Grade-II, IS: 808, IS: 2062 & IS: 5986.
2. The over lapping of the guard rail beam shall be achieved using suitable size washers.
3. W-beam guard rail are to be fabricated & installed as per section 811.3 of MORTH specification for metal beam crash barrier, except thickness of material which is governed by description of item as well as drawing of W-beam type metal fencing attached with tender.
4. The w-beam, the post, the fasteners shall be galvanized as per IS 4759 by hot dip process (zinc coated with 550 gram (g) per square meter(m^2), minimum, single spot).
5. The galvanizing on all other steel parts shall conform to IS: 4759.
6. Minor variation in c/c distance of post & depth below ground as per site condition may be approved by Engineer representative/Engineer-in-charge.
7. Drilling for concreting of two pillar in typical 16 meter arrangement shall be done by auger boring.
8. Arrangement of fixing of beam & pillar should be made Anti-Theft.
9. Gap of 150 mm to be provided at 16 m for electrical isolation as shown in typical arrangement "a". The length may vary as per site conditions subject to maximum of 16 m.


5/6/24

Sr. DEN-II/DLI