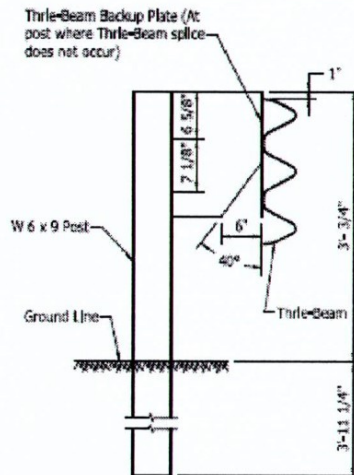
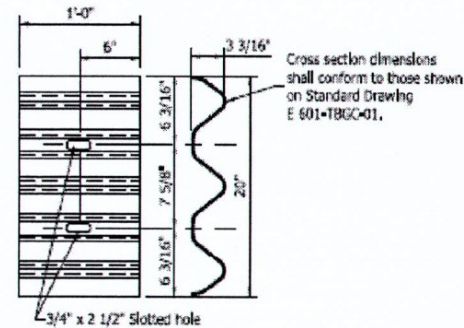


## Broad details of modified thrie beam steel crash barriers

## Annex-I



THRIE BEAM GUARDRAIL



THRIE BEAM GUARDRAIL BACK-UP PLATE AT LOCATIONS WITHOUT SPLICE

### Notes:

- (i) Posts of I-section of minimum 150mm x 100mm x 4.3mm and spacers of I-section of minimum 350mm x 127mm x 5.9mm shall be used.
- (ii) Thrie beam steel section shall be of specified dimensions of minimum 3 mm thickness.
- (iii) Steel to be used shall have minimum ultimate tensile strength of 490 Mpa.
- (iv) All the bolts/ fasteners shall develop requisite strength in the intended working conditions and all the components of crash barrier shall be galvanized through hot dip process.
- (v) All the details of installation, fixing to ground, end connections etc., meeting the requirements of modified thrie beam steel crash barrier keeping in view the above shall be furnished by the manufacturer of the crash barrier to ensure the intended performance of the crash barrier in the working conditions.
- (vi) During execution the instructions of the manufacturers shall be scrupulously followed.
- (vii) Red retro reflective tapes of 100mm x 100mm (high intensity grade) at 2m centre to centre at top and bottom of thrie beam rail in staggered manner shall be provided.
- (viii) Suitable hazard markers shall be provided at the ends of the crash barriers to make the end terminals conspicuous.

Modified Thrie-Beam Blockout  
W14x22

