

ITEM 453

TEMPORARY RAILING

- 453.1 Description. This item shall govern for the installation of temporary railing, at the locations shown on the plans, in conformity with plan details and the requirements of this item.
- 453.2 Quality Assurance. Temporary railing shall meet the requirements of the Texas Department of Transportation's "Standard Specifications for Construction of Highways, Streets and Bridges", 1993 edition.
- 453.3 Materials. Use timber posts, wheel guards, rail members, and other components made from commercial grade lumber in good condition. Used timber will be acceptable, with the approval of the Engineer.
- Steel shapes and flex beam that are to be used shall be in good condition, meeting the requirements for the use intended.
- Portions of the railing to be used later in the permanent structure may be used subject to meeting the requirements of the Item 450 "Concrete and Steel Railing".
- 453.4 Construction. Contractor shall construct the temporary railing from materials shown and in accordance with the details on the plans.
- 453.5 Installation. Temporary railing shall be as shown on the plans and in the increments required by the various phases of construction.
- After erection, thoroughly clean and paint all parts not galvanized. Paint other portions of the rail with one coat of commercial grade aluminum paint, unless otherwise shown on the plans.
- 453.6 Removal. Upon removal of railing, materials furnished by the contractor shall remain the property of the contractor, unless otherwise specified. Contractor shall fill all holes drilled through or into existing concrete for erection of temporary railing with mortar and finish in an acceptable manner. Bolts cast in the slab for temporary railing are to be cut-off 1/2 inch below the finished slab after removal of the rail and the resulting holes are to be filled with mortar.
- 453.7 Measurement & Payment. Unless otherwise shown on the plans or specifications, the furnishing of all materials, equipment and labor necessary to complete the work required by this item will not be measured for payment, but will be included in the unit price bid for the item or items for which this work is a component part.

There are line code(s), description(s), and unit(s) for this item.

END OF ITEM 453