

ITEM 03615.28 M - RAILROAD TIE PARKING BUMPERS

DESCRIPTION: The work shall consist of furnishing, fabricating and installing railroad tie parking bumpers in accordance with the details and at the locations indicated on the plans or as directed by the Engineer.

MATERIALS: The materials for fabrication and installation of the railroad tie parking bumpers shall be as indicated on the plans and as described herein.

Bolts, nuts and washers shall conform to the following:

Bolts	ASTM F 568 Class 4.6
Nuts	ASTM A 563 M Grade A
Washers	ASTM F 436 M

Bolts, nuts and washers shall be galvanized in accordance with the provisions of Subsection 719-01, Galvanized Coatings and Repair Methods, Type II.

CONSTRUCTION DETAILS: The Engineer shall approve the selection of the railroad ties to be used for this work. The Contractor shall cut the railroad ties to the required dimensions and shapes as indicated on the plans. Holes shall be drilled for the required fasteners.

Posts shall be set plumb, firm and to the required grade and alignment in properly prepared holes as indicated on the plans. The backfill material shall be compacted in accordance with Subsection 203-3.15, Fill and Backfill at Structures, Culverts, Pipes, Conducts and Direct Burial Cable.

METHOD OF MEASUREMENT: The work will be measured on a lump sum basis for "Railroad Tie Parking Bumpers". Monthly estimates of the percentage completion shall be made for this work in proportion to the amount of work satisfactorily completed.

BASIS OF PAYMENT: The lump sum price bid shall include the cost of all labor, material, and equipment necessary to complete the work.