

ITEM 08594.0701 M - TIMBER PEDESTRIAN BRIDGE SUPERSTRUCTURE

DESCRIPTION:

This work shall consist of constructing a timber pedestrian bridge superstructure including all railing, decking, timber appurtenances, and connections to the abutments as shown on the plans.

MATERIALS:

Timber and Lumber shall be the type and allowable stress gradations shown on the plans and meet the requirements of Subsection 712-14 - Stress Graded Timber and Lumber.

Timber poles shall be Douglas Fir Dense Select Structural, and should be straight without taper. Poles will be rejected if they have knots greater than 100mm in diameter, signs of decay, severe checking, fissures, or other serious defects.

Wood Preservatives shall be pentaclorophenol meeting the requirements of the American Wood Preservers Association (AWPA) standard.

Bolts shall be galvanized and meet the requirements of ASTM A307

Nuts, washers and screws shall be galvanized and meet the requirements of ASTM A307

All Steel shall have corrosion protection conforming to Section 719-01 Galvanized Coatings and Repair Materials.

U type post base shall be galvanized and meet the gauge and design load requirements specified in the plans, and be designed to ICBO (Uniform Building Code Standards).

The following subsections of the Standard Specifications shall also apply:

594-2.02 - Approval of Order

594-2.03 - Preservative Treatment

594-2.04 - Sampling and Inspection

CONSTRUCTION DETAILS:

The requirements of Subsection 594-3 shall apply.

METHOD OF MEASUREMENT:

Payment will be made at the unit price bid for each pedestrian bridge superstructure actually constructed in accordance with the requirements of the contract documents and to the satisfaction of the Engineer.

BASIS OF PAYMENT:

The price bid for the Timber Pedestrian Bridge Superstructure shall include the cost of furnishing all screws, timber connectors, bolts, nuts, washers, hardware, preservative treatment and other required materials together with labor and equipment necessary to complete the work.