

ITEM 04615.96 M - PEDESTRIAN BOARDWALK

DESCRIPTION:

This work shall consist of constructing and installing a timber pedestrian boardwalk of the type and size, and at the locations indicated in the contract documents or as directed by the Engineer. Work shall include all railing, decking, timber appurtenances, and connections to the abutments.

MATERIALS:

Wood Preservative - Water Borne	708-31
Stress Graded Lumber	712-14
Galvanized Coatings and Repair Materials	719-01

Timber for boardwalk shall be of the type and size shown on the plans and in accordance with section 712-14. Surface dried red cedar, white cedar, or cypress may be used untreated. Other lumber shall be pressure treated in accordance with section 708-31, Wood Preservative-Water Borne. Creosote and oil-borne preservative treatments will not be permitted. The timber shall be straight, sound, square edged, free from shakes, loose knots, and decay. The following subsections of the Standard Specifications shall also apply:

- 594-2.02 - Approval of Order
- 594-2.03 - Preservation Treatment
- 594-2.04 - Sampling and Inspection

Metal Fasteners shall be hot-dipped galvanized and shall meet the requirements of ASTM A123. All steel shall have corrosion protection conforming to Section 719-01.

CONSTRUCTION DETAILS:

The details shall be shown on the plans or as directed by the Engineer. The requirements of Subsection 594-3 shall apply.

The boardwalk shall be constructed within the limits shown on the plans. Care shall be taken to avoid any disturbance to the adjoining terrain (e.g. wetland) beyond the approved, designated work area

Installation procedures shall be performed such that no distress to components shall occur prior to the proper placement and connection. A component that is deformed or damaged during installation shall be subject to the Engineer's determination as to its acceptability and inclusion of the work. Any repair or replacement work due to installation damage shall also be done at the contractor's expense.

The Engineer shall make the final determination on all components to be used. Any repair or

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replacement work shall be done at the contractor's expense.

METHOD OF MEASUREMENT:

This work will be measured as the number of square meters of boardwalk satisfactorily installed. The boardwalk(s) shall be measured along the width and length of the decking material.

BASIS OF PAYMENT:

The unit price bid shall include the cost of furnishing all labor, materials, and equipment necessary to complete the work. Clearing and Grubbing work required to complete the boardwalk shall be completed under § 201 of the Standard Specifications.

Payment will be made under:

<u>Item No.</u>	<u>Item Description</u>	<u>Pay Unit</u>
04 615.96 M	Pedestrian Boardwalk	Square Meter