

ITEM 08615.9601 M - WETLAND BOARDWALK

DESCRIPTION:

This work shall consist of constructing and installing wetland boardwalks of the type and size, and at the locations indicated in the contract documents or as directed by the Engineer.

MATERIALS:

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

The timber and lumber shall be straight, sound, square edged, free from shakes, loose knots, and decay. All lumber, except the 200 mm by 200mm posts, shall be use classified as "Joists and Planks" and have a minimum extreme fiber bending stress of 8273 kPa or greater. The 200 mm by 200 mm posts shall be use classified as "Beam and Stringer" and have a minimum extreme fiber bending stress of 9652 ka or greater. The use classifications are defined in ASTM D245.

Nails, screws, and other fastening hardware shall be hot dipped galvanized, Type 1.

CONSTRUCTION DETAILS:

The details shall be as shown on the plans or as directed by the Engineer.

The boardwalk shall be constructed in an upland area and then placed directly on the wetland surface. Extreme care shall be taken to avoid any disturbance to the wetland and adjoining terrain beyond the approved, designated work area

METHOD OF MEASUREMENT:

This work will be measured as the number of square meters of wetland boardwalks 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, including any clearing that may be required as directed by the Engineer.