

ITEM 10596.20 M - OPEN STEEL/FIBERGLASS WALKWAY

DESCRIPTION. The work shall consist of furnishing and installing open steel and fiberglass grid floor including anchors, support angles, brackets, ladders, handrails, connection bolts, and welding, at the machinery platforms/walkways of the bascule span as shown on the plans.

MATERIALS. Materials shall meet the requirements specified under Section 596 of the Standard Specifications. All fiberglass grating shall meet the requirements of ASTM D 790, D 2583, C 581, and E 84. All steel shall conform to ASTM A 441, A 36, or A 588.

CONSTRUCTION DETAILS. The sidewalk decking shall be placed in accordance with Section 596 of the Standard Specifications. All anchors, connection bolts, welding procedures, and support members shall meet the requirements of Section 564 of the Specifications. Regular silica anti-slip particles for fiberglass grating shall be applied during manufacture and prior to resin gelatin to ensure maximum bond of the grit layer to the glass filler substrate. Nominal thickness of the grit shall be 5 mm.

Shop drawings/catalog cuts for the fabrication and installation of all materials shall be approved by the Engineer.

METHOD OF MEASUREMENT. This work will be measured as the actual area, in square meters (horizontal plane projection of topmost surface) of open floor furnished and installed.

BASIS OF PAYMENT. The unit price bid per square meter shall include the costs of all labor, material (including fabrication), tools, equipment, and incidentals necessary to complete the work.