

**ITEM 06557.58 M - INSTALLATION OF FIBER REINFORCED POLYMER (FRP)
SUPERSTRUCTURE**

DESCRIPTION

This work shall consist of furnishing all labor and equipment to install the fiber reinforced polymer superstructure(FRP DECK) with an integral polymer concrete wearing surface as shown on the plans, in accordance with this specification and approved manufacturer's installation procedure.

MATERIALS

All materials used during installation of the superstructure shall be as per the DCES approved installation procedure under Item # 06557.57M Fiber Reinforced Polymer (FRP) Superstructure.

BASIS OF ACCEPTANCE

The contractor shall install the deck in strict accordance with the manufacturer's installation procedure and install to the limits as shown on the plans under the guidance of a manufacturer's representative. A letter by the manufacturer certifying that the installation was done correctly shall be submitted to the Engineer- in- Charge within 30 days of installation or prior to payment.

CONSTRUCTION DETAILS

The panels shall be lifted by means of suitable lifting devices at points designated by the manufacturer. Panels shall be properly aligned and leveled to the elevations shown on the plans. All dimensional tolerances as specified in Item 06557.57M shall be adhered to. The installation shall be done as per the approved installation procedure provided by the manufacturer.

SUBMITTALS

The Contractor shall submit a detailed erection procedure and working drawings for the FRP panels to the EIC for review and approval a minimum of 30 calendar days prior to the scheduled date of erection. The erection drawings shall be prepared in close consultation with the manufacturer. The erection drawings shall be jointly signed by a professional engineer licensed to practice in New York State and the manufacturer's field representative.

METHOD OF MEASUREMENT

The unit price bid will be a lump-sum for the FRP superstructure installed at the job site.

BASIS OF PAYMENT

The lump sum price bid shall include the cost of all labor, and equipment necessary to install the FRP superstructure. This is payable upon certification of satisfactory installation per "Basis of acceptance" above. Partial Payments will be made in proportion to the deck area installed in stages.