

ITEM 16563.03nnnn M - PRESTRESSED CONCRETE BOX BEAM UNITS WITH CURVED SOFFIT

DESCRIPTION:

This work shall consist of furnishing and placing prestressed box beam units with curved soffit, as specified in the contract documents. The concrete in the beams shall contain calcium nitrite.

MATERIALS:

The requirements of the P.C.C.M. and the following shall apply:

1. Dovetail anchor slot shall be stainless steel conforming to ASTM A240, Type 304, 2B finish.

CONSTRUCTION DETAILS:

The requirements of the P.C.C.M. and the following shall apply:

1. Dovetail anchor slots for fascia beams shall be sized and located as shown on the plans.

METHOD OF MEASUREMENT:

The quantity to be paid for under this work will be the number of square meters of plan area of each prestressed unit installed. Plan area is defined as the area bounded by the centerline of bearings and the outer edge of each prestressed unit. No deductions will be made for chamfers, or shear keys, or notch outs. Space between the units greater than 50 mm shall not be included in any measurement.

BASIS OF PAYMENT:

The unit price bid for these units shall include all labor, materials and equipment necessary to complete the work except that bearings will be paid for under their respective items.

Damaged units which cannot be satisfactorily repaired or which do not meet dimensional and camber tolerances shall be replaced by the Contractor at no cost to the State.

Progress payment will be made when each unit is furnished and placed in accordance with the plans and specifications exclusive of preparing and filling joints. Payment will be made at the unit price bid for 90% of the quantity properly placed, less any payment made under subsection 109-04. The balance of the quantity will be paid for upon completion of the work. The completion of work will include the correct preparation and filling of the joints as well as the tightening of transverse ties.

Note: **nnnn** denotes serialized pay item. See §101-53.