

ITEM 02564.9601 M - FURNISH AND STORE BRIDGE ELEMENTS

DESCRIPTION

The work will consist of fabricating and placing in storage steel beams, diaphragms and bolts, as specified in the contract plans.

Elements will be fabricated such that complete spans can be constructed by bolting methods alone. No span which requires field welding as part of its construction method, will be accepted.

Unless otherwise noted, all components will be coated with a protective coating required by the contract documents.

Assembly of various parts under the observation of State personnel will be required prior to final acceptance of the work.

All material shall be delivered to a storage area supplied by the Regional Director - Region 2. Refer to Construction Details for contact information.

MATERIALS

Materials for this work shall conform to the following:

Structural Steel	ASTM A572M, Gr. 345 (Fy=345 MPa)
High Strength Bolts,	requirements of 715-01 and 715-14 shall be met.

Structural steel shall be painted using Item 572.0101 - Structural Steel Paint System: shop applied. Payment for painting the Structural Steel will be made under Item 572.0101.

The top, or finish, coat color shall conform to Munsell Book Notation 1086/1 - Light Gray Paint. Viewing shall be done under North Standard Daylight.

CONSTRUCTION DETAILS

All steel elements requiring fabrication shall be fabricated in accordance with the requirements of the SCM.

Shop drawings will be required for all elements. The requirements of the SCM shall apply.

One 18.64M (61' – 2") single lane span shall be completely assembled at a space provided by the Regional Director. The open steel flooring, the railing system, the bearings and all other component parts shall be installed to form a working bridge span.

The contractor may obtain storage and assembly site information from the Regional Construction

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Division. The designated contact person is:

Mr. Paul Obernesser, Regional Construction Engineer

(315)793-2475

Assembly Site:

Region 2 - Special Crews

2436 Chenango Road

Utica, NY 13502

The contractor shall notify the Regional Director of the date of the assembly. Notification shall be given no less than 15 days prior to the expected assembly date.

All assemblies shall be done in the presence of the Regional Director, or his representative. Bridge span units assembled in whole, or part, without the Regional Director, or his representative, present will not be accepted. The Contractor shall make all provisions necessary to ensure full and complete inspection of steel beams used in the assembled bridge span unit. Steel beams not so provided for, will not be accepted.

All fasteners shall remain the property of the State and shall be stored at the site upon completion of assembly work.

After inspection procedures have been completed, the Regional Director or his representative will certify the steel beams supplied as acceptable for storage. The contractor will then transport the various bridge elements of the assembled unit to the locations provided the store them in the manner required by the contract documents and the Regional Director. Storage procedures will include the repair of all coating damage to the steel beams supplied by the contractor.

METHOD OF MEASUREMENT

Payment will be made by lump sum.

BASIS OF PAYMENT

The lump sum price shall include the cost of all labor, material, and equipment necessary to complete the work, including transportation.

No progress payments will be made.