

ITEM 09564.3195xx M - IN PLACE STEEL PLATE GIRDER WEB REPAIR

DESCRIPTION

The work shall consist of repairing a steel plate girder by replacing an area of web.

The work shall be done, in place, at locations where indicated on the plans and as designated by the engineer.

MATERIALS

Materials for this work shall meet the requirements of the New York State Steel Construction Manual (SCM) and the welding procedure specifications and general repair notes listed in the contract documents.

CONSTRUCTION DETAILS

All welding work shall be done in accordance with the provisions of the SCM and the procedures listed in the contract documents. Ultrasonic testing (UT) of the finished repairs will be done by the state. The contractor shall allow for scheduling of the UT by contacting the DCES five working days prior to the need for testing.

Any rejectable indications in the tested welds shall be repaired by the contractor at no additional cost to the state.

Paint removal and repainting of the repair location will be required and paid under the appropriate items in the contract.

METHOD OF MEASUREMENT

Measurement will be taken as the number of web repair completed and accepted by ultrasonic testing as shown on the plans or ordered by the engineer.

BASIS OF PAYMENT

The unit price bid per web repair shall include the cost of all labor, materials and equipment necessary to complete the work. All damage done to the structure while performing the necessary repairs shall be corrected to the satisfaction of the engineer at the contractor's expense. Ultrasonic testing will be done at no cost to the contractor.