

ITEM 15565.4302 M - BRIDGE BEARING RESTORATION

DESCRIPTION

The work shall consist of restoring bearings designated for restoration by the plans or by the Engineer.

Restoration of bearings shall consist of dismantling, removal, repairing, unfreezing, replacing designated parts, cleaning, lubricating, and painting, if indicated by the Contract Documents or ordered by the Engineer.

MATERIALS

Mill and Shop Inspection. All new steel shall be mill and shop inspected as required by the SCM.

Fabrication Details. The requirements of subsection 565-2.02 shall apply to all fabrication done for bearing restoration unless subsection 565-2.02 clearly does not apply to the bearing being restored.

Lubricants. The lubricant shall be multi-purpose automotive grease conforming to SAE J310 designation MPG.

Only fresh lubricants arriving at the work site, in the manufacturer's unopened containers shall be used to lubricate the bearings.

Bearing Pads. New bearing pads shall comply with the requirements of 728-01, 728-02, or 728-03. Only one type of bearing pad shall be installed on any one structure.

Protective Coatings. The requirements of subsection 565-2.04 shall apply.

Miscellaneous Steel. Anchor bolts, nuts and washers shall conform to the requirements given on the plans.

CONSTRUCTION DETAILS

Drawings. Drawings shall be required for all newly fabricated parts. The requirements of the SCM shall apply.

Repair. Bearings shall be repaired in the manner indicated on the plans.

All machine finished surfaces, shall be lubricated. Stainless steel plates shall not be lubricated. Polytetraflouroethylene surfaces shall not be lubricated.

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Reinstallation. If the bearing has been removed and requires reinstallation, the following subsections shall apply:

565-3.02	565-3.06
565-3.03	565-3.07
565-3.04	565-3.08
565-3.05	

If the bearing is of a type that the requirements of subsection 565-3.05 will not apply, then the bearing shall be reinstalled in the manner indicated on the plans.

Painting. New fabricated steel parts which require painting shall be painted in accordance with the requirements of §565-2.04.D.

METHOD OF MEASUREMENT

The work will be measured as each bearing restored.

BASIS OF PAYMENT

The unit price bid for each bearing shall include the cost of all labor, material and equipment necessary to complete the work.