

ITEM 16565.4995 M - BEARING REMOVAL

DESCRIPTION:

The work shall consist of removing existing Bearings from the locations indicated on the plans. The Contractor will be required to remove lead-based paint from the structural steel under a separate item. Removed Bearings shall become the property of the Contractor. They shall be removed from the work site and disposed of in a manner satisfactory to the Engineer.

MATERIALS:

All equipment used for this work shall have the prior approval of the Engineer before work is begun.

CONSTRUCTION DETAILS:

Bearings shall be disconnected from stringer flanges using the air carbon arc gouging method preceded by removal of paint 150 mm all around the existing welds. Care shall be taken to prevent damage to the structural steel. Should steel have to be damaged during the arc gouging process the bearing sole plate shall be sacrificed. No gouging of the structural steel will be permitted. After gouging, the flange shall be ground flush and smooth. Should damage to the structural steel occur, no further work will be done at that location until a repair procedure, approved by the DCES, is completed. All repair work shall be done at not cost to the State. No claim for delay resulting from the need of a repair procedure will be honored.

Unless the anchor bolts are shown on the plans as being cut-off, masonry plates shall be removed leaving the anchor bolts intact. The anchor bolt threads shall be cleaned and the nuts removed by unscrewing or breaking.

METHOD OF MEASUREMENTS:

Measurement will be taken as the number of bearings removed and disposed of.

BASIS OF PAYMENT:

The unit price bid for each bearing removal shall include the cost of furnishing all labor, material, and equipment necessary to complete the work. The necessary structural lifting operations, the paint removal and the furnishing and installing of new bearings shall be paid for under separate items.