

ITEM 11565.4703 M - BEARING ANCHOR BOLT REPAIR
ITEM 11565.4704 M - NUT REPLACEMENT FOR BEARING ANCHOR
BOLTS

DESCRIPTION:

This work shall consist of repairing bearing anchor bolts and the replacement of nuts for bearing anchor bolts, as indicated on the plans.

MATERIALS:

- A. Studs. Threaded stud shear connectors shall meet the requirements specified under Subsection 709-05.
- B. Nuts and Washers. Galvanized hex nuts and flat washers shall meet the requirements specified under Subsection 723-60.
- C. Anti-Seize Compound. Anti-seize compound shall meet the requirements specified under U.S. Military Specification MIL-A-907.

CONSTRUCTION DETAILS:

All work under these items shall be done in accordance with the provisions of the S.C.M.

For bearing anchor bolt repairs, the work includes removing portion of existing anchor bolts, removal and replacement of washers, welding threaded studs to remaining portion of anchor bolts and furnishings and installing nuts for threaded studs. Methods for removing portion of existing anchor bolts and washers shall be as approved by the Engineer. Materials to be removed shall become the property of the Contractor and shall be disposed of by him off the site. Removals shall be performed in a manner so as not to damage existing material to remain in place. All damage, as a result of the Contractor's operations, shall be repaired or replaced by him at his own expense to the satisfaction of the Engineer. Stud shear connectors shall be welded to remaining portion of anchor bolts in accordance with the provisions of the S.C.M. Installation of nuts for threaded studs shall be in accordance with the provisions of the S.C.M. Prior to installation of nuts, threaded surfaces shall be cleaned and coated with the approved anti-seize compound. Application of anti-seize compound shall be done in accordance with the manufacturer's printed instructions.

For replacement of nuts for bearing anchor bolts, the work shall include cleaning threaded surfaces of existing anchor bolts, applying anti-seize compound and installing replacement nuts and washers. Installation of nuts shall be in accordance with the provisions of the S.C.M. Prior to installation of nuts, threaded surfaces shall be cleaned and coated with the anti-seize compound. Cleaning threaded surfaces of existing anchor bolts shall be accomplished by the solvent cleaning method in accordance with the requirements of SSPC-SP1, No.1, "Solvent Cleaning".

No painting will be required under these items.

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METHOD OF MEASUREMENT:

Bearing Anchor Bolt Repairs will be measured as the actual number of bearing anchor bolts repaired in the completed work.

Nut Replacement for Bearing Anchor Bolts will be measured as the actual number of bearing anchor bolt nuts replaced in the completed work.

BASIS OF PAYMENT:

The unit prices bid per each shall include the cost of furnishing all labor, materials and equipment necessary to complete the work.

DISAPPROVED