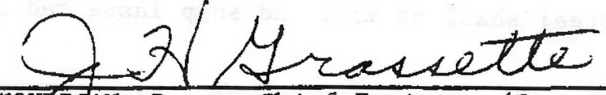


TO: SUPERSEDED BY EI 84-051 EFFECTIVE 2/21/85	<h1>ENGINEERING INSTRUCTION</h1> <p>NEW YORK STATE DEPARTMENT OF TRANSPORTATION</p>
	SUBJECT: BRIDGE DESIGN MANUAL - SPECIAL SPECIFICATION FOR BRIDGES - ITEM 15565.4301 - BRIDGE BEARING RESTORATION Subject Code: 7.35-6; 7.27-1-565
Distribution: 31 <input checked="" type="checkbox"/> Main Office 33 <input checked="" type="checkbox"/> Regions 34 <input checked="" type="checkbox"/> Special	Code: <u>84-33</u> Date: <u>6/22/84</u> Supersedes:
APPROVED:  <u>E.V. HOURIGAN, Deputy Chief Engineer (Structures)</u>	

Attached to this Instruction is a copy of Item 15565.4301 - Bridge Bearing Restoration.

Item 15565.4301 was developed to be compatible with Section 565 as issued by E.I. 84-3. Since item 15565.4301 is referenced to Section 565 it will be necessary to insert Section 565 in all Proposals requiring Item 15565.4301 until such time that the new 565 becomes part of the Standard Specifications book.

Because the existing Item 15565.43 is not compatible with the new Section 565, Item 15565.4301 becomes effective upon receipt of this Instruction. All affected Proposals shall be changed to reflect the new item. Changes shall be made by ammendment, if necessary.

PREL.	FINAL
DESIGN	LANDSCAPE
RECEIVED FACILITIES DESIGN DIVISION	
JUL 12 1984	
CIRC.	FILE

ITEM 15565.4301 - 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.

For bearings not covered by subsection 565-2.02, the fabrication and welding requirements of the SCM shall apply.

Lubricants. The type of lubricant is not specified. However, the lubricant the Contractor proposes to use shall be approved by the Engineer. In order to make an informed judgement, the Engineer shall be supplied with all literature available from the lubricant's manufacturer. The Contractor shall supply the literature.

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, 728-03, or 728-05. 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. Polytetrafluoroethylene surfaces shall not be lubricated.

ITEM 15565.4301 - BRIDGE BEARING RESTORATION

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 shall be painted in accordance with the requirements of subsection 565-2.04E.

Existing steel parts shall be cleaned, primed and painted in accordance with the requirements of subsections 570-3.02 and 570-3.03.

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.