

SECTION 501 - STEEL STRUCTURES

Make the following amendments to said Section:

(I) Amend **Section 501.03 Construction (E) Erection (11) Bolted Connections** by revising the second paragraph between lines 218 to 220 to read as follows:

“Use bolts that are long enough to extend entirely through nut, but not by more than ½ thickness of nut. Use two nuts for bolts in tension.

For hot-dip galvanized bolt assemblies, nuts shall be tapped oversize after the galvanization process. For mechanically galvanized (where specified) bolt assemblies, nuts shall be tapped oversize before the galvanization process. Overtapping tolerances shall be in accordance with ASTM A563.”

(II) Amend **Section 501.03 Construction (F) Painting** by revising lines 270 to 461 to read as follows:

“(1) **General.** For cleaning and painting of existing bridge steel, refer to Special Provisions 697. New bridge steel shall be painted in accordance with Special Provisions 697 after it has been fastened or welded to the existing bridge structure.”

(III) Amend **Section 501.03 Construction (G) Zinc Coating (2) Repairing Damaged Zinc-Coated Surfaces** by deleting subparagraphs (b), (c), and (d).

(IV) Amend **Section 501.03(A)(7)** by adding the words “or AWS D1.1” at the end of the sentence.

(V) Amend **Section 501.04 Measurement** between lines 511 to 512 to read as follows:

501.04 Measurement.

(A) Structural Steel Repairs and Replacement of Bolts will be paid on a lump sum basis. Measurement for payment will not apply.

(B) Engineer will only measure Additional Structural Steel Repairs required and requested by Engineer on a Force Account basis in accordance with Subsection 109.06 – Force Account Provisions and Compensation.”

(VI) Amend **Section 501.05 Payment** between lines 514 to 529 to read as follows:

501.05 Payment. The Engineer will pay for the accepted pay items listed below at contract price per pay unit, as shown in the proposal schedule. Payment will be full compensation for work prescribed in this section and contract documents.

51 Engineer will pay for each of the following pay items when included in the
52 proposal schedule:

Pay Item	Pay Unit
Structural Steel Repairs and Replacement of Bolt Assemblies.	Lump Sum
Additional Structural Steel Repairs	Force Account"

59
60
61 **END OF SECTION 501**