

## SECTION 602 - REINFORCING STEEL

Make the following amendments to said Section:

(I) Amend **Subsection 602.03(D) Placing and Fastening** by revising the first sentence of the first paragraph between lines 58 and 60 to read as follows:

“Unless otherwise indicated in the contract documents, place and fasten reinforcing steel in accordance with the CRSI Placing Reinforcing Bars and the CRSI *Manual of Standard Practice*.”

(II) Amend **Subsection 602.03(D) Placing and Fastening** by adding the following sentence to Note 1 in Table 602.03-1 Placement Tolerances at line 68:

“Note 1 is not applicable for deck slabs, approach slabs, and sleeper slabs.”

(III) Amend **Subsection 602.03(D) Placing and Fastening** by amending the last sentence of paragraph three at line 79 and 80 to read as follows:

“All plastic bar supports will be allowed only in prestressed concrete members and for vertical positions in drilled shafts.”

(IV) Amend **602.03(D) Placing and Fastening** by adding the following paragraph at line 119:

“Tie stainless steel reinforcing only with stainless steel tie wire meeting the requirements of Section 709. Do not use mild steel chairs with stainless steel reinforcing. Do not tie stainless steel reinforcement to mild steel reinforcement. Direct contact is not acceptable. When stainless steel reinforcing or dowels must be attached to mild steel reinforcing, use nylon, PVC or polyethylene spacers to maintain a minimum of 1 inch clearance between the two metals and bind them with nylon cable ties. Where insufficient space exists to maintain this minimum, either the stainless steel or mild steel reinforcing may be sleeved with a continuous polyethylene or PVC tube extending at least 1 inch in each direction past the point of closest contact between the two dissimilar reinforcing bars.”

(V) Amend **Subsection 602.03(E)(1)(b)** by revising the number 33 to read 50 at line 159.

(VI) Amend **Subsection 602.03(E)(3) Butt-Joined Splices** by replacing the last sentence of the first paragraph between lines 262 and 263 with the following sentence:

“Completed butt splices shall develop not less than the specified tensile strength of the unspliced bars.”

(VII) Amend **Subsection 602.03(E)(3)(b) 1. General** by deleting the words “of 125 percent of specified yield strength” in subparagraph d. at lines 443 and 444.

(VIII) Amend **602.04 Measurement** by revising lines 803 to 808 to read as follows:

**“602.04 Measurement.** Reinforcing steel will be measured by the pound, based on the theoretical number of pounds complete in place as shown on the plans or placed as ordered as specified in the proposal.

The Engineer will base the weights calculated upon Table 602.04-1 – Bar Designation, Weight and Area.

TABLE 602.04-1 – BAR DESIGNATION, WEIGHT AND AREA		
Bar No.	Weight Per Linear Foot (Pounds)	Area (Square Inches)
3	0.376	0.11
4	0.668	0.20
5	1.043	0.31
6	1.502	0.44
7	2.044	0.60
8	2.670	0.79
9	3.400	1.00
10	4.303	1.27
11	5.313	1.56
14	7.650	2.25
18	13.600	4.00

The Engineer will not make allowance for clips, wire or other material used for fastening reinforcement in place. The cost is for the work prescribed in this section and the contract documents.

The Engineer will not measure mesh reinforcement.”

(IX) Amend **602.05 – Payment** by revising lines 810 to 830 to read as follows:

**602.05 Payment.** The Engineer will pay for the accepted reinforcing steel at the contract unit price per pound for the contract items specified in the proposal.

The Engineer will pay for the following pay item when included in the proposal schedule:

Pay Item	Pay Unit
Reinforcing Steel for _____	Pound"

**END OF SECTION 602**