

**Revision and Errata List—June 2019**  
**AISC Steel Construction Manual, 15<sup>th</sup> Edition**

The following list represents corrections to the Second Printing of the AISC *Steel Construction Manual*, 15th Edition. These corrections are incorporated in the Third Printing dated June 2019.

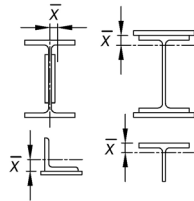
Page(s)	Item
6-109	Under “Stress Distribution” the concrete stress should show $0.95f'_c$ (instead of $0.85f'_c$ ).
6-109	The equation for $M_E$ should be revised to (sign changed from minus to plus):

$$M_E = F_y Z_{sE} + 0.95 f'_c \left( \frac{Z_{cE}}{2} \right)$$

10-156                      Revise the first sentence in the section for Table 10-15 as follows:

Table 10-15 is a design aid for stiffened seated connections to square or rectangular HSS with  $F_y = 46$  ksi (ASTM A500 Grade B).

16.1-30                      Replace the Case 2 figure with the following (in the upper right figure,  $\bar{x}$  dimensioned from top of W-shape rather than top of flange plate):



16.1-319                      Revise Equation C-E7-6 as follows [the last term was changed from  $(1/\lambda_r)^2$  to  $\lambda_r^2$ ]:

$$k = \left( \frac{1 - \sqrt{1 - 4c_1}}{2c_1} \right)^2 \frac{12(1 - \nu^2)}{\pi^2} \frac{F_y}{E} \lambda_r^2$$