## Revisions and Errata List AISC Steel Design Guide 2, 2<sup>nd</sup> Printing (Printed Copy) September 10, 2019

The following list represents corrections to the second printing (dated September 1991) of AISC Design Guide 2, *Steel and Composite Beams with Web Openings*.

Page(s)	Item
17	In Table 4.1, the 4th line, the equation for $\Delta A_s$ is revised to:
	$\Delta A_s = h_o t_w$
18	In Table 4.2 under the subheading Calculate maximum shear capacity, the equations for "ctg" okuukpi "c"hcevqt"qh"40"Vjg{"ujqwnf"tgcf"cu"hqnnqyu<
	"For the bottom tee, use $\mu = 2P_r d_r / (V_{pb} s_b)$ ."
	"For the top tee, use $\mu = 2P_r d_r / (V_{pt} s_t)$ ."
26	In the left column under the subheading <i>Maximum shear capacity</i> , the line beginning "Using Eq. 3-13 or Fig. A.2" should read as follows:
	"Using Eq. 3-13 or Fig. A.2 with $\mu=0$ and "= 5.63, $\alpha_v=0.333$ ."
27	In the right column, third full paragraph, last line, replace the equation for $\phi F_n A_{ns}$ with $\phi F_n A_{ns} = 0.75 \times 0.6 \times 58 \text{ ksi} \times \frac{3}{8} \text{ in.} \times 120 \text{ in.} = 196 \text{ kips} \ge 52.7 \text{ OK.}$
37	In the right column under the heading, <i>High moment-shear ratio</i> , the name "Clauson" ujqwnf"dg"tgrncegf"d{"vjg"pcog."õEncyuqpö"kp"vjg"ugeqpf"nkpg0"Cnuq"kp"vjku"rctcitcrj."vjg" reference, "Clauson & Darwin 1982" should be replaced with "Clawson & Darwin 1982a."
38	In the right column, second paragraph under <i>Failure</i> , "Clawson & Darwin 1982" should be replaced with "Clawson & Darwin 1982a."
38	In the right column, fourth paragraph under <i>Failure</i> , "Clawson & Darwin 1982" should be replaced with "Clawson & Darwin 1982a."
39	$\label{lem:continuous} $$ \p^*vjg^*nghv^*eqnwop."hktuv"rctcitcrj"wpfgt"e0"Ujgct"eqppgevqtu"cpf"dtkfikpi."\tilde{o}Fqpcjg{"("Fctykp"3;:8dö"ujqwnf"dg"tgrncegf"ykvj"\tilde{o}Fqpcjg{"("Fctykp"3;:80ö)} $
40	In the left column, third paragraph under h. Load and resistance factors, the following changes should be made:  line 9 "83 test specimens" should be replaced with "85 test specimens" and "24 steel beams" should be replaced with "29 steel beams" line 10 "14 with rectangular openings" should be replaced with "19 with rectangular openings" line 14 "22 steel beams with reinforced openings" should be replaced with "21

steel beams with reinforced openings"	
"Cooper & Snell 1977" should be replaced with	"C

cooper & Snell 1977" should be replaced with "Cooper et al. 1977" "23 composite beams with ribbed slabs and unreinforced openings" should be replaced with "21 composite beams with ribbed slabs and unreinforced openings" line 16 line 17

41	In the upper left paragraph, second and third line, "Clawson & Darwin 1982" should be replaced with "Clawson & Darwin 1982a" and "Clawson & Darwin 1983" should be replaced with "Clawson & Darwin 1982b."
41	$ \label{lem:continuous}                                   $
47	In the left column, second line from the bottom, the variable " $d_d$ " should be replaced with the variable " $d_l$ ."
47	In the right column, top line, a parenthesis should be added after the $P_{cl}d_l$ term.
51	In the first paragraph, third line, under 6.3 APPROXIMATE PROCEDURE, "ASCE (1973)" should be replaced with "ASCE (1971)."
51	In the caption for Figure 6.1, "(ASCE 1973)" should be replaced with "(ASCE 1971)."
52	In the left column, the term " $a_o$ 3ö" kp" vjg" pw o gtcvqt" qh" vjg" gswcvkqp" hqt" $_T$ should be replaced with the term " $a_o$ 2."
52	In the right column, " $K = \text{shape factor (29)}$ " should be replaced with " $K = \text{shape factor (Knostman et al. 1977)}$ ."

In the right column, the equation for  $K_{36}$  should be replaced with:

53

with Ribbed Slabs," ASCE Journal of Structural Engineering 114: No. 3 (March 1988): 518-534.