Accuracy, Uncertainty, and Reliability of the Bearing Capacity Equation for Shallow Foundations on Saturated Clay

Andrew W. Strahler[1], M.S., M.ASCE, and Armin W. Stuedlein[2], PhD, P.E., M.ASCE

[1] Graduate Research Assistant, School of Civil and Construction Engineering, Oregon State University, 101 Owen Hall, Corvallis, OR, 97331

[2] Assistant Professor and Loosley Faculty Fellow, School of Civil and Construction Engineering, Oregon State University, 101 Owen Hall, Corvallis, OR, 97331, armin.stuedlein@oregonstate.edu

The proceedings version of this paper has typographical errors for the "A" and "n" parameter for several cases. This table presents the correct information.

Table 4. Summary of fitted power law resistance factor coefficients.

COV_{su} (%)	$COV_{BC,final}$ (%)	$\beta = 2.33$		$\beta = 3.09$	
		A	n	A	n
0	48	0.563	-0.046	0.399	-0.046
20	52	0.513	-0.044	0.350	-0.044
40	62	0.407	-0.051	0.263	-0.061
60	77	0.299	-0.054	0.177	-0.055