

ERRATA

PTI DC10.5-12 Standard Requirements for Design and Analysis of Shallow Post-Tensioned Concrete Foundations on Expansive Soils

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DC-10 Slab-on-Ground Committee

The following errata items were added on 11/12/13 (The lower case "p" in the equations should be an upper case "P"):

Page 37, Section 7.2.1 – Long direction:

$$M_{\pm} = \frac{S^{0.1}(he_m)^{0.78}(y_m)^{0.66}}{7.2L^{0.0065}p^{0.04}} \quad M_L = \frac{S^{0.1}(he_m)^{0.78}(y_m)^{0.66}}{7.2L^{0.0065}P^{0.04}}$$

Page 39, Section 8.2.1 – Long direction:

$$V_{\pm} = \frac{1}{1940} (L^{0.09}S^{0.71}h^{0.43}p^{0.44}y_m^{0.16}e_m^{0.93}) \quad V_L = \frac{1}{1940} (L^{0.09}S^{0.71}h^{0.43}P^{0.44}y_m^{0.16}e_m^{0.93})$$

Page 39, Section 8.2.2 – Short direction:

$$V_{\pm} = \frac{1}{1350} (L^{0.19}S^{0.45}h^{0.20}p^{0.54}y_m^{0.04}e_m^{0.97}) \quad V_S = \frac{1}{1350} (L^{0.19}S^{0.45}h^{0.20}P^{0.54}y_m^{0.04}e_m^{0.97})$$

Page 39, Section 8.3.1 – Long and short direction:

$$V_{\pm} = V_S = \frac{L^{0.07}h^{0.4}p^{0.03}e_m^{0.16}y_m^{0.57}}{3S^{0.015}} \quad V_L = V_S = \frac{L^{0.07}h^{0.4}P^{0.03}e_m^{0.16}y_m^{0.57}}{3S^{0.015}}$$