

FLOOR DECK DESIGN MANUAL

FIRST EDITION

MARCH 2014

First and Second Printing

Errata #3
20 April 2015

Make the following changes to the bottom of page 2-17

Summary

Vertical Legs:

$$M_{\max} = \frac{WS^3}{864}$$

$$\Delta T_v = \frac{WS^5}{4320EI} + S \cdot \sin\phi \quad \text{(Superscript 6 changed to 5)}$$

This ~~does not include~~ includes the theoretical deflection increased by 20% (multiplied by 1.2) to cover test scatter

$$\text{Where } \phi = \frac{Ma}{EI} + \frac{W_1 a^3}{6EI}$$