Errata to Page 4-30.

Design of a reinforced beam ledge for a double tee leg

Pages 4-29 to 4-31 in the CPCI Design Manual provide a solved example (Example 4.7) of beam ledges supporting a concentrated load from a double tee leg. On page 4-30, the example provides guidance on how to calculate the punching shear capacity of the ledge using the shear friction method. However, based on recent in-depth research CPCI believes a new example should be developed to take into account the global flexural and shear stresses and to ensure the shear friction reinforcement is in tension. As such, the punching shear calculations using the shear friction method on page 4-30 have been removed from the CPCI Design Manual – 5th Edition, see excerpt below.

An advisory with further information will be issued by CPCI.