

Exhibit 5-23 on page 5-29 of NCHRP Report 672 contains an incorrect calculation of estimated injury crashes. The calculation

$$m = w_1x + w_2P = 0.12 \times 10 + 0.65 \times 1.66 = 2.28 \text{ injury crashes/year}$$

should be

$$m = w_1x + w_2P = 0.12 \times 10 + 0.65 \times 0.40 = 1.46 \text{ injury crashes/year}$$

The corrected text following the equation is as follows:

Because volumes are expected to increase in the after period, albeit only slightly, an adjustment is made to m to account for this change. This adjustment factor is calculated as:

$$(AADT \text{ after})^{0.220} / (AADT \text{ before})^{0.220} = (17000)^{0.220} / (16000)^{0.220} = 1.01$$

The adjusted m , using this factor, is now equal to:

- $4.42 \times 1.01 = 4.46$ for total crashes
- $1.46 \times 1.01 = 1.47$ for injury crashes

In summary, the expected number of annual crashes by severity at the site if a conversion *does not* take place is estimated to be 4.46 total and 1.47 injury crashes per year.