



INSTITUTE OF TRANSPORTATION ENGINEERS
PUBLICATIONS ERRATA

Railroad-Highway Grade Crossing Handbook—Revised Second Edition 2007

Federal Highway Administration (FHWA), Office of Safety and Design

FHWA Report No.: FHWA-SA-07-010

Posted: 9/3/08, Updated: 3/31/10

- On page 46, the formula should read:

$$B = \frac{T_0}{T_0 + T}(a) + \frac{T}{T_0 + T} \left(\frac{N}{T} \right)$$

- On page 46, the following formula needs to be added before “Values for the second collision prediction...”:

T_0 = Formula weighting factor,

$$T_0 = \frac{1.0}{(0.05 + a)}$$

- On page 67, the formula should read:

$$d_T = \frac{V_T}{V_v}(A)V_v t + \frac{BV_v^2}{a} + 2D + L + W$$

$$d_T = \frac{V_T}{V_v} \left(AV_v t + \frac{BV_v^2}{a} + 2D + L + W \right)$$

- On page 175, the formula after “Posted speed 40 mph or less” should read:

$$L = \frac{WS^2}{60}$$

- On page 177, the formula after “Posted speed 45 mph or more” should read:

$$L = WS$$