

Principles of Highway Engineering and Traffic Analysis, 5th Edition

Second Printing Errata

U.S. Customary units edition

Date Revised: 4/6/15

Chapter	Fig. or Table	Example or Problem	Page	Revision
2		2.33	45	In first sentence, insert "level" between "with" and "wet".
3		3.18	90	PVTc station calculation should be "station of PVCc + Lc" not "station of PVI + Lc". All numbers are correct.
4			101	In second sentence, "...scale of 1 of 5..." should read "...0 to 5...".
4		4.1	110	For the paragraph starting "With an initial PSI of 4.2...", the second sentence should read "Solving Eq. 4.1...", not Eq. 4.3.
4		4.6	125	Table reference for 24-kip tandem-axle equivalent should be 4.2, not 4.1.
4		4.6	125	Table reference for 40-kip triple-axle equivalent should be 4.3, not 4.2.
4			126	For section 4.7, the instances of "pavement serviceability index" should be "present serviceability index".
4		4.29	134	The answer options should read "a) 12 b) 15 c) 20 d) 24
6			181	Section 6.4.1: Remove bullets regarding 2-ft median lateral clearance and five or more lanes in each travel direction; revise bullet about interchange spacing to "6-mi or greater ramp spacing".
6			181	Sentence immediately following bulleted list: change "70 mi/h" to "75.4" mi/h.
6	6.6		188	For "> 5-6" upgrade %, second range for grade length should be "0.25-0.30" instead of "0.35-0.30".
6		6.7	214	Analysis flow rates used in PTSF calculations should be 671 and 490, instead of 698 and 506. BPTSF = 60.9, fnp = 28.63, PTSF = 77.4.
6		6.8	218	Value of '1770' (from Table 6.1) used in this example should be '1735'.
6		6.33	223	"(see Fig. 6.7)" should be "(see Fig. 6.8)"
7		7.11	259	For the paragraph in the middle of the page, change " λ_3 " to " v_3 "
8		8.6	298	The second sentence should read "An exclusive bus lane is constructed that reduces bus travel time to 10 minutes and the bus fare is reduced to \$0.50." Question "a." should read "Determine the modal distribution of trips after the lane constructed and the bus fare is lowered." The bus utility equation should read " $U_b = -0.2(0.5) - 0.01(10) = -0.2$ ".