

**Principles of Highway Engineering and Traffic Analysis, 6th Edition**

**First Printing Errata**

**U.S. Customary units edition**

**Date Revised: 10/20/18**

Chapter	Fig. or Table	Example or Problem	Page	Revision
			iv	Bottom of page, affiliation for Fred Mannering should be "University of South Florida", not "Purdue University"
2			13	Last paragraph, first sentence, "Table 2.3 shows a wide range of drag coefficient over time." "coefficient" should be "coefficients"
2		Prac Prob 2.1	46	Answer for $R_a$ should be "182.3", not "183.028". Answer for acceleration (a) should be "9.17", not "9.163".
2		Prac Prob 2.2	47	Near bottom of page, "speed region of in Fig. 2.5" shold be "speed region of Fig. 2.5".
2		Prac Prob 2.4	50	First paragraph, "third 60ft" should be "third 60 ft". Near middle of page, "S" after "Eq. 2.43" should be italicized. First result for $V_2$ should "45.91" (two locations), not "46.14". Second result for $V_2$ should "24.86", not "25.28". First answer for S should be "11.3", not "11.7". Second answer for S should be "131.3", not "131.7".
2		2.22	53	Reference to Example 2.11 should be to Example 2.9.
2			92	Eq. 3.35, should be "180/Pi", not "100/Pi"
3		Prac Prob 3.1	102	Calculation for 'G2', value of "127.5" should be "127.75".
3		Prac Prob 3.1	103	Calculation for 'xhl', value of "111" should be "115". Two lines below that, "PVC - distance" should be "PVC + distance". One line below that, value of "270 + 70" should be "237 + 70". Second to last line, "a", just to the right of equals sign, needs to be deleted.
5		Prac Prob 5.1	200	First sentence of next to last paragraph, "two feasible values for flow" should be "two feasible values for speed". In the next line, "(the higher flow)" should be "(the higher speed)".
5			224	Last sentence of first paragraph, "Fig. 2.2" should be "Fig. 2.5".
6			228	Second to last paragraph, "Table 6.1" should be "Table 6.2"
6		6.1	230	Denominator of density calculation should be "67.4", not "64.7".
6			232	Eq. 6.12 should have a minus sign after the first instance of "FFS".
6		6.4	339	The calculation for average speed should have "2040" instead of "1601" in the denominator. The speed of "50.5" is still correct.
6			246	Second line from bottom of page, "Eq. 6.12" should be "Eq. 6.20".
6		6.7	253	After "with", change " $vd = 698$ pc/h (Example 6.6)" to " $vd = 671$ pc/h (Example 6.6)"
6			254	"(as a percentage of AADT)" should be "(as a proportion of AADT)"
6		6.8	257	first paragraph: change "From Table 6.1" to "From Table 6.2".
6		Prac Prob 6.1	259	First instance of "(max density for LOS B)" should be "(max density for LOS A)"
6		Prac Prob 6.3	260	Under "In this equation", "(the speed limit pus 5 mi/h)" should be "(the speed limit plus 5 mi/h)"
6		Prac Prob 6.3	260	Under "In this equation", for " $f_{TLC}$ " description, add "(Table 6.11) to end
6		Prac Prob 6.3	260	Under "In this equation", for " $f_A$ " description, add "(Table 6.13) to end
6		6.11	265	"(assuming the same ST/TT split)" should be "(assuming the same ST/TT split and new $E_T$ is 2.35)"
6		6.25	266	"The posted speed limit is 60 mi/h." should be "The posted speed limit is 65 mi/h."
7			272	Append to the definition for "Phase", "These movements correspond to those shown in Fig. 7.4a."
7			272	In definition for "Timing Stage", change "combination of movements, across one or more phases," to "combination of movements/phases are moving simultaneously."
7			284	Title for Figure 7.6, replace "phase" with "timing stage".
7		7.15	306	Value of "176" (upper right corner of plot) should be "176.8".
7			319	Equation for $d_2$ , last term numerator of " $8k/T$ " should be " $8k/X$ "
8		Prac Prob 8.2	379	Last two equations, denominator value for $P_{SR}$ and $P_B$ should be "1.455", not "2.80", for all four instances
8		Prac Prob 8.2	379	Last paragraph, second instance of "up from 956" should be "up from 912"
8		Prac Prob 8.4	381	Last sentence, value of "2291.27" should be "1877.89", value of "6043.73" should be "6457.11", and "(8335 - 2291.71)" should be "(8335 - 1877.89)"