

Table 1 – HCM 2010 and HCM 6th Edition Roadway Segment Thresholds by Facility Type

CLASS	HCM 2010 LOS					HCM 6th Edition					Delta between HCM 6th Edition and HCM 2010 LOS				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
2R Minor Two-Lane Highway	-	330	710	1,310	2,480	-	330	710	1,310	2,480	-	0	0	0	0
2U Major Two-Lane Highway	-	330	710	1,310	2,480	-	330	710	1,310	2,480	-	0	0	0	0
4M Multilane Four-Lane Highway	-	1,790	2,580	3,290	3,660	-	1,770	2,540	3,160	3,600	-	(20)	(40)	(130)	(60)
2A Two-Lane Arterial	-	-	850	1,540	1,650	-	-	640	1,310	1,510	-	-	(210)	(230)	(140)
4AU Four-Lane Arterial, Undivided	-	-	1,760	3,070	3,130	-	-	1,360	2,770	3,030	-	-	(400)	(300)	(100)
4AD Four-Lane Arterial, Divided	-	-	1,850	3,220	3,290	-	-	1,430	2,910	3,180	-	-	(420)	(310)	(110)
6AD Six-Lane Arterial, Divided	-	-	2,760	4,680	4,710	-	-	2,210	4,480	4,790	-	-	(550)	(200)	80
2F Two Freeway Lanes	-	2,070	2,880	3,590	4,150	-	2,150	2,960	3,610	4,100	-	80	80	20	(50)
2FA Two Freeway Lanes + Auxiliary Lane	-	2,610	3,630	4,520	5,230	-	3,150	3,960	4,610	5,100	-	540	330	90	(130)
3F Three Freeway Lanes	-	3,100	4,320	5,380	6,230	-	3,230	4,440	5,420	6,150	-	130	120	40	(80)
3FA Three Freeway Lanes + Auxiliary Lane	-	3,640	5,070	6,320	7,310	-	4,230	5,440	6,420	7,150	-	590	370	100	(160)
4F Four Freeway Lanes	-	4,140	5,760	7,180	8,310	-	4,300	5,930	7,220	8,200	-	160	170	40	(110)
W22 Minor Two-Lane Highway	-	330	710	1,310	2,480	-	330	710	1,310	2,480	-	0	0	0	0
W20 Minor Two-Lane Highway	-	330	710	1,310	2,480	-	330	710	1,310	2,480	-	0	0	0	0
W18 Minor Two-Lane Highway	-	330	710	1,310	2,480	-	330	710	1,310	2,480	-	0	0	0	0

Notes:

- (1) Threshold reductions between HCM 2010 and HCM 6th Edition are shown in red text and highlighted
- (2) HCM 2010 Freeway LOS based on Exhibit 10-8, Urban Area, Rolling Terrain, K-factor of 0.09, and D-factor of 0.60
- (3) HCM 6th Edition Freeway LOS based on Exhibits 12-39 and 12-40, Urban Area/Rural Area, Rolling Terrain, K-factor of 0.09, and D-factor of 0.60
- (4) HCM 2010 Multilane Highway LOS based on Exhibit 14-19, Urban Area/Rural Area, Rolling Terrain, K-factor of 0.09, and D-factor of 0.60
- (5) HCM 6th Edition Multilane Highway LOS based on Exhibits 12-41 and 12-42, Urban Area/Rural Area, Rolling Terrain, K-factor of 0.09, and D-factor of 0.60
- (6) HCM 2010 2-lane highway LOS based on Exhibit 15-30, Class II Rolling, 0.09 K-factor, and D-factor of 0.60
- (7) HCM 6th Edition 2-lane highway LOS based on Exhibit 15-46, Class II Rolling, 0.09 K-factor, and D-factor of 0.60
- (8) HCM 2010 Arterial LOS based on Exhibit 16-14, K-factor of 0.09, D-factor of 0.60, posted speed 45 mi/h
- (9) HCM 6th Edition Arterial LOS based on Exhibit 16-16, K-factor of 0.09, D-factor of 0.60, posted speed 45 mi/h