

Site Characteristics		Adjusted Construction-Year Average Annual Daily Traffic, T, (1000s) for Traffic-Barrier Test Levels								
% Trk.	Edge of Travel Lane to Front Face Barrier, L ₂ (ft)	Highway Type								
		Divided, or Undivided With 5 or More Lanes			Undivided With 4 Lanes or Fewer			One-Way		
		Test Level			Test Level			Test Level		
		TL-2	TL-4	TL-5	TL-2	TL-4	TL-5	TL-2	TL-4	TL-5
0 ≤ % < 5	≤ 3	< 4.2	4.2 ≤ T < 134.7	≥ 134.7	< 2.8	2.8 ≤ T < 88.6	≥ 88.6	< 2.1	2.1 ≤ T < 67.4	≥ 67.4
	3 < L ₂ ≤ 7	< 4.8	4.8 ≤ T < 157.4	≥ 157.4	< 3.2	3.2 ≤ T < 108.4	≥ 108.4	< 2.5	2.5 ≤ T < 78.7	≥ 78.7
	7 < L ₂ ≤ 12	< 6.2	6.2 ≤ T < 202.8	≥ 202.8	< 4.4	4.4 ≤ T < 138.7	≥ 138.7	< 3.1	3.1 ≤ T < 101.4	≥ 101.4
	> 12	< 8.1	8.1 ≤ T < 259.2	≥ 259.2	< 5.7	5.7 ≤ T < 191.8	≥ 191.8	< 4.0	4.0 ≤ T < 129.6	≥ 129.6
5 ≤ % < 10	≤ 3	< 3.7	3.7 ≤ T < 44.8	≥ 44.8	< 2.5	2.5 ≤ T < 28.5	≥ 28.5	< 1.9	1.9 ≤ T < 22.4	≥ 22.4
	3 < L ₂ ≤ 7	< 4.2	4.2 ≤ T < 54.4	≥ 54.4	< 2.8	2.8 ≤ T < 25.5	≥ 25.5	< 2.1	2.1 ≤ T < 27.2	≥ 27.2
	7 < L ₂ ≤ 12	< 5.5	5.5 ≤ T < 61.8	≥ 61.8	< 3.8	3.8 ≤ T < 41.5	≥ 41.5	< 2.8	2.8 ≤ T < 30.9	≥ 30.9
	> 12	< 7.1	7.1 ≤ T < 78.0	≥ 78.0	< 5.0	5.0 ≤ T < 55.9	≥ 55.9	< 3.6	3.6 ≤ T < 39.0	≥ 39.0
10 ≤ % < 15	≤ 3	< 3.4	3.4 ≤ T < 26.9	≥ 26.9	< 2.2	2.2 ≤ T < 17.0	≥ 17.0	< 1.7	1.7 ≤ T < 13.5	≥ 13.5
	3 < L ₂ ≤ 7	< 3.8	3.8 ≤ T < 33.0	≥ 33.0	< 2.6	2.6 ≤ T < 21.3	≥ 21.3	< 1.9	1.9 ≤ T < 16.5	≥ 16.5
	7 < L ₂ ≤ 12	< 5.0	5.0 ≤ T < 36.5	≥ 36.5	< 3.4	3.4 ≤ T < 24.4	≥ 24.4	< 2.5	2.5 ≤ T < 18.3	≥ 18.3
	> 12	< 6.4	6.4 ≤ T < 46.0	≥ 46.0	< 4.4	4.4 ≤ T < 32.8	≥ 32.8	< 3.2	3.2 ≤ T < 23.0	≥ 23.0
15 ≤ % < 20	≤ 3	< 3.1	3.1 ≤ T < 19.2	≥ 19.2	< 2.0	2.0 ≤ T < 12.1	≥ 12.1	< 1.6	1.6 ≤ T < 9.6	≥ 9.6
	3 < L ₂ ≤ 7	< 3.5	3.5 ≤ T < 23.6	≥ 23.6	< 2.3	2.3 ≤ T < 15.2	≥ 15.2	< 1.8	1.8 ≤ T < 11.8	≥ 11.8
	7 < L ₂ ≤ 12	< 4.5	4.5 ≤ T < 25.9	≥ 25.9	< 3.0	3.0 ≤ T < 17.3	≥ 17.3	< 2.3	2.3 ≤ T < 13.0	≥ 13.0
	> 12	< 5.8	5.8 ≤ T < 32.6	≥ 32.6	< 4.0	4.0 ≤ T < 23.2	≥ 23.2	< 2.9	2.9 ≤ T < 16.3	≥ 16.3
20 ≤ % < 25	≤ 3	< 2.8	2.8 ≤ T < 15.0	≥ 15.0	< 1.8	1.8 ≤ T < 9.4	≥ 9.4	< 1.4	1.4 ≤ T < 7.5	≥ 7.5
	3 < L ₂ ≤ 7	< 3.2	3.2 ≤ T < 18.4	≥ 18.4	< 2.1	2.1 ≤ T < 11.8	≥ 11.8	< 1.6	1.6 ≤ T < 9.2	≥ 9.2
	7 < L ₂ ≤ 12	< 4.1	4.1 ≤ T < 20.1	≥ 20.1	< 2.8	2.8 ≤ T < 14.4	≥ 14.4	< 2.1	2.1 ≤ T < 10.1	≥ 10.1
	> 12	< 5.3	5.3 ≤ T < 25.3	≥ 25.3	< 3.6	3.6 ≤ T < 17.9	≥ 17.9	< 2.7	2.7 ≤ T < 13.7	≥ 13.7

**MEDIAN-BARRIER OR BRIDGE-RAILING TEST-LEVEL SELECTION,
DESIGN SPEED 55 mph**

Figure 49-6D(55)

Site Characteristics		Adjusted Construction-Year Average Annual Daily Traffic, T, (1000s) for Traffic-Barrier Test Levels								
		Highway Type								
% Trk.	Edge of Travel Lane to Front Face Barrier, L ₂ (ft)	Divided, or Undivided With 5 or More Lanes			Undivided With 4 Lanes or Fewer			One-Way		
		Test Level			Test Level			Test Level		
		TL-2	TL-4	TL-5	TL-2	TL-4	TL-5	TL-2	TL-4	TL-5
25 ≤ % < 30	≤ 3	< 2.7	2.7 ≤ T < 12.2	≥ 12.2	< 1.7	1.7 ≤ T < 8.7	≥ 8.7	< 1.4	1.4 ≤ T < 6.1	≥ 6.1
	3 < L ₂ ≤ 7	< 3.0	3.0 ≤ T < 15.1	≥ 15.1	< 2.0	2.0 ≤ T < 9.6	≥ 9.6	< 1.5	1.5 ≤ T < 7.5	≥ 7.5
	7 < L ₂ ≤ 12	< 3.8	3.8 ≤ T < 16.3	≥ 16.3	< 2.5	2.5 ≤ T < 10.9	≥ 10.9	< 1.9	1.9 ≤ T < 8.2	≥ 8.2
	> 12	< 4.9	4.9 ≤ T < 20.6	≥ 20.6	< 3.3	3.3 ≤ T < 14.6	≥ 14.6	< 2.5	2.5 ≤ T < 10.3	≥ 10.3
30 ≤ % < 35	≤ 3	< 2.5	2.5 ≤ T < 10.3	≥ 10.3	< 1.6	1.6 ≤ T < 6.5	≥ 6.5	< 1.2	1.2 ≤ T < 5.2	≥ 5.2
	3 < L ₂ ≤ 7	< 2.8	2.8 ≤ T < 12.7	≥ 12.7	< 1.8	1.8 ≤ T < 8.1	≥ 8.1	< 1.4	1.4 ≤ T < 6.4	≥ 6.4
	7 < L ₂ ≤ 12	< 3.6	3.6 ≤ T < 13.9	≥ 13.9	< 2.4	2.4 ≤ T < 9.2	≥ 9.2	< 1.8	1.8 ≤ T < 7.0	≥ 7.0
	> 12	< 4.6	4.6 ≤ T < 17.4	≥ 17.4	< 3.1	3.1 ≤ T < 12.3	≥ 12.3	< 2.3	2.3 ≤ T < 8.7	≥ 8.7
35 ≤ % ≤ 40	≤ 3	< 2.4	2.4 ≤ T < 9.0	≥ 9.0	< 1.5	1.5 ≤ T < 5.6	≥ 5.6	< 1.2	1.2 ≤ T < 4.5	≥ 4.5
	3 < L ₂ ≤ 7	< 2.6	2.6 ≤ T < 11.1	≥ 11.1	< 1.7	1.7 ≤ T < 7.1	≥ 7.1	< 1.3	1.3 ≤ T < 5.5	≥ 5.5
	7 < L ₂ ≤ 12	< 3.3	3.3 ≤ T < 12.0	≥ 12.0	< 2.2	2.2 ≤ T < 7.9	≥ 7.9	< 1.7	1.7 ≤ T < 6.0	≥ 6.0
	> 12	< 4.3	4.3 ≤ T < 15.1	≥ 15.1	< 2.9	2.9 ≤ T < 10.7	≥ 10.7	< 2.2	2.2 ≤ T < 7.6	≥ 7.6

**MEDIAN-BARRIER OR BRIDGE-RAILING TEST-LEVEL SELECTION,
DESIGN SPEED 55 mph (Continued)**

Figure 49-6D(55)