

Site Characteristics		Adjusted Construction-Year Average Annual Daily Traffic, T, (1000s) for Traffic-Barrier Test Levels								
		Highway Type								
		Divided, or Undivided With 5 or More Lanes			Undivided With 4 Lanes or Fewer			One-Way		
		Test Level			Test Level			Test Level		
% Trk	Edge of Travel Lane to Front Face Barrier, L ₂ (ft)	TL-2	TL-4	TL-5	TL-2	TL-4	TL-5	TL-2	TL-4	TL-5
0 ≤ % < 5	≤ 3	< 9.7	9.7 ≤ T < 221.4	≥ 221.4	< 7.0	7.0 ≤ T < 154.7	≥ 154.7	< 4.9	4.9 ≤ T < 110.7	≥ 110.7
	3 < L ₂ ≤ 7	< 12.1	12.1 ≤ T < 261.8	≥ 261.8	< 8.9	8.9 ≤ T < 193.9	≥ 193.9	< 6.1	6.1 ≤ T < 130.9	≥ 130.9
	7 < L ₂ ≤ 12	< 16.4	16.4 ≤ T < 349.6	≥ 349.6	< 12.1	12.1 ≤ T < 269.3	≥ 269.3	< 8.2	8.2 ≤ T < 174.8	≥ 174.8
	> 12	< 25.3	≥ 25.3	n/a	< 20.1	≥ 20.1	n/a	< 12.7	12.7 ≤ T < 260.0	≥ 260.0
5 ≤ % < 10	≤ 3	< 7.2	7.2 ≤ T < 64.8	≥ 64.8	< 5.1	5.1 ≤ T < 43.8	≥ 43.8	< 3.6	3.6 ≤ T < 32.4	≥ 32.4
	3 < L ₂ ≤ 7	< 9.0	9.0 ≤ T < 95.6	≥ 95.6	< 6.4	6.4 ≤ T < 55.2	≥ 55.2	< 4.5	4.5 ≤ T < 37.8	≥ 37.8
	7 < L ₂ ≤ 12	< 12.0	12.0 ≤ T < 101.5	≥ 101.5	< 8.9	8.9 ≤ T < 75.8	≥ 75.8	< 6.0	6.0 ≤ T < 50.7	≥ 50.7
	> 12	< 17.7	17.7 ≤ T < 136.0	≥ 136.0	< 18.5	18.5 ≤ T < 112.5	≥ 112.5	< 8.8	8.8 ≤ T < 68.0	≥ 68.0
10 ≤ % < 15	≤ 3	< 5.8	5.8 ≤ T < 38.0	≥ 38.0	< 4.1	4.1 ≤ T < 25.5	≥ 25.5	< 2.9	2.9 ≤ T < 19.0	≥ 19.0
	3 < L ₂ ≤ 7	< 7.3	7.3 ≤ T < 44.3	≥ 44.3	< 5.1	5.1 ≤ T < 32.2	≥ 32.2	< 3.6	3.6 ≤ T < 22.2	≥ 22.2
	7 < L ₂ ≤ 12	< 9.6	9.6 ≤ T < 59.4	≥ 59.4	< 6.8	6.8 ≤ T < 44.1	≥ 44.1	< 4.8	4.8 ≤ T < 29.7	≥ 29.7
	> 12	< 13.7	13.7 ≤ T < 78.3	≥ 78.3	< 10.2	10.2 ≤ T < 64.5	≥ 64.5	< 6.9	6.9 ≤ T < 39.2	≥ 39.2
15 ≤ % < 20	≤ 3	< 4.9	4.9 ≤ T < 26.9	≥ 26.9	< 3.4	3.4 ≤ T < 18.0	≥ 18.0	< 2.5	2.5 ≤ T < 13.4	≥ 13.4
	3 < L ₂ ≤ 7	< 6.1	6.1 ≤ T < 30.8	≥ 30.8	< 4.2	4.2 ≤ T < 22.7	≥ 22.7	< 3.1	3.1 ≤ T < 15.7	≥ 15.7
	7 < L ₂ ≤ 12	< 10.0	10.0 ≤ T < 42.0	≥ 42.0	< 5.8	5.8 ≤ T < 31.1	≥ 31.1	< 4.0	4.0 ≤ T < 21.0	≥ 21.0
	> 12	< 11.4	11.4 ≤ T < 54.9	≥ 54.9	< 8.3	8.3 ≤ T < 45.2	≥ 45.2	< 5.7	5.7 ≤ T < 27.5	≥ 27.5
20 ≤ % < 25	≤ 3	< 4.2	4.2 ≤ T < 20.8	≥ 20.8	< 2.9	2.9 ≤ T < 13.9	≥ 13.9	< 2.1	2.1 ≤ T < 10.4	≥ 10.4
	3 < L ₂ ≤ 7	< 5.3	5.3 ≤ T < 24.2	≥ 24.2	< 3.6	3.6 ≤ T < 17.6	≥ 17.6	< 2.7	2.7 ≤ T < 12.1	≥ 12.1
	7 < L ₂ ≤ 12	< 6.9	6.9 ≤ T < 32.4	≥ 32.4	< 4.9	4.9 ≤ T < 24.0	≥ 24.0	< 3.4	3.4 ≤ T < 16.2	≥ 16.2
	> 12	< 9.6	9.6 ≤ T < 42.4	≥ 42.4	< 7.1	7.1 ≤ T < 34.8	≥ 34.8	< 4.9	4.9 ≤ T < 21.2	≥ 21.2

**MEDIAN-BARRIER OR BRIDGE-RAILING TEST-LEVEL SELECTION,
DESIGN SPEED 45 mph**

Figure 49-6D(45)

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
25 ≤ % < 30	≤ 3	< 3.7	3.7 ≤ T < 16.9	≥ 16.9	< 2.5	2.5 ≤ T < 11.3	≥ 11.3	< 1.9	1.9 ≤ T < 8.4	≥ 8.4
	3 < L ₂ ≤ 7	< 4.6	4.6 ≤ T < 19.7	≥ 19.7	< 3.2	3.2 ≤ T < 9.3	≥ 9.3	< 2.3	2.3 ≤ T < 9.9	≥ 9.9
	7 < L ₂ ≤ 12	< 6.0	6.0 ≤ T < 26.4	≥ 26.4	< 4.3	4.3 ≤ T < 19.5	≥ 19.5	< 3.0	3.0 ≤ T < 13.2	≥ 13.2
	> 12	< 8.4	8.4 ≤ T < 34.5	≥ 34.5	< 6.1	6.1 ≤ T < 28.2	≥ 28.2	< 4.2	4.2 ≤ T < 22.3	≥ 22.3
30 ≤ % < 35	≤ 3	< 3.3	3.3 ≤ T < 14.3	≥ 14.3	< 2.3	2.3 ≤ T < 9.5	≥ 9.5	< 1.7	1.7 ≤ T < 7.1	≥ 7.1
	3 < L ₂ ≤ 7	< 4.1	4.1 ≤ T < 16.6	≥ 16.6	< 2.9	2.9 ≤ T < 12.0	≥ 12.0	< 2.1	2.1 ≤ T < 8.3	≥ 8.3
	7 < L ₂ ≤ 12	< 5.4	5.4 ≤ T < 22.3	≥ 22.3	< 3.8	3.8 ≤ T < 16.5	≥ 16.5	< 2.7	2.7 ≤ T < 11.2	≥ 11.2
	> 12	< 7.5	7.5 ≤ T < 29.0	≥ 29.0	< 5.4	5.4 ≤ T < 23.8	≥ 23.8	< 3.7	3.7 ≤ T < 14.5	≥ 14.5
35 ≤ % ≤ 40	≤ 3	< 3.0	3.0 ≤ T < 12.3	≥ 12.3	< 3.9	3.9 ≤ T < 8.2	≥ 8.2	< 1.5	1.5 ≤ T < 6.2	≥ 6.2
	3 < L ₂ ≤ 7	< 3.8	3.8 ≤ T < 14.4	≥ 14.4	< 5.1	5.1 ≤ T < 10.4	≥ 10.4	< 1.9	1.9 ≤ T < 7.2	≥ 7.2
	7 < L ₂ ≤ 12	< 4.8	4.8 ≤ T < 19.3	≥ 19.3	< 5.9	5.9 ≤ T < 14.2	≥ 14.2	< 2.5	2.5 ≤ T < 9.7	≥ 9.7
	> 12	< 6.8	6.8 ≤ T < 25.1	≥ 25.1	< 8.1	8.1 ≤ T < 20.5	≥ 20.5	< 3.4	3.4 ≤ T < 12.6	≥ 12.6

**MEDIAN-BARRIER OR BRIDGE-RAILING TEST-LEVEL SELECTION,
DESIGN SPEED 45 mph (Continued)**

Figure 49-6D(45)