

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	< 14.0	14.0 ≤ T < 280.7	≥ 280.7	< 10.4	10.4 ≤ T < 202.4	≥ 202.4	< 7.0	7.0 ≤ T < 140.4	≥ 140.4
	3 < L ₂ ≤ 7	< 18.0	18.0 ≤ T < 335.1	≥ 335.1	< 13.4	13.4 ≤ T < 253.8	≥ 253.8	< 9.0	9.0 ≤ T < 167.6	≥ 167.6
	7 < L ₂ ≤ 12	< 24.4	24.4 ≤ T < 452.0	≥ 452.0	< 19.2	19.2 ≤ T < 366.7	≥ 366.7	< 12.2	12.2 ≤ T < 226.0	≥ 226.0
	> 12	< 39.5	≥ 39.5	n/a	< 32.1	≥ 32.1	n/a	< 19.8	19.8 ≤ T < 362.7	≥ 362.7
5 ≤ % < 10	≤ 3	< 9.8	9.8 ≤ T < 79.7	≥ 79.7	< 7.1	7.1 ≤ T < 55.6	≥ 55.6	< 4.9	4.9 ≤ T < 39.9	≥ 39.9
	3 < L ₂ ≤ 7	< 12.7	12.7 ≤ T < 89.8	≥ 89.8	< 9.2	9.2 ≤ T < 68.6	≥ 68.6	< 6.4	6.4 ≤ T < 44.9	≥ 44.9
	7 < L ₂ ≤ 12	< 16.9	16.9 ≤ T < 132.4	≥ 132.4	< 12.8	12.8 ≤ T < 102.3	≥ 102.3	< 8.5	8.5 ≤ T < 66.2	≥ 66.2
	> 12	< 25.8	25.8 ≤ T < 183.6	≥ 183.6	< 20.1	20.1 ≤ T < 157.2	≥ 157.2	< 12.9	12.9 ≤ T < 91.8	≥ 91.8
10 ≤ % < 15	≤ 3	< 7.5	7.5 ≤ T < 46.4	≥ 46.4	< 5.4	5.4 ≤ T < 32.2	≥ 32.2	< 3.8	3.8 ≤ T < 23.2	≥ 23.2
	3 < L ₂ ≤ 7	< 9.8	9.8 ≤ T < 51.9	≥ 51.9	< 7.0	7.0 ≤ T < 39.6	≥ 39.6	< 4.9	4.9 ≤ T < 26.0	≥ 26.0
	7 < L ₂ ≤ 12	< 12.9	12.9 ≤ T < 77.6	≥ 77.6	< 9.6	9.6 ≤ T < 59.4	≥ 59.4	< 6.5	6.5 ≤ T < 38.8	≥ 38.8
	> 12	< 19.1	19.1 ≤ T < 105.1	≥ 105.1	< 14.6	14.6 ≤ T < 89.6	≥ 89.6	< 9.6	9.6 ≤ T < 52.6	≥ 52.6
15 ≤ % < 20	≤ 3	< 6.1	6.1 ≤ T < 32.8	≥ 32.8	< 4.4	4.4 ≤ T < 22.7	≥ 22.7	< 3.1	3.1 ≤ T < 16.4	≥ 16.4
	3 < L ₂ ≤ 7	< 8.0	8.0 ≤ T < 36.5	≥ 36.5	< 5.6	5.6 ≤ T < 27.9	≥ 27.9	< 4.0	4.0 ≤ T < 18.3	≥ 18.3
	7 < L ₂ ≤ 12	< 10.4	10.4 ≤ T < 54.9	≥ 54.9	< 7.7	7.7 ≤ T < 41.9	≥ 41.9	< 5.2	5.2 ≤ T < 27.5	≥ 27.5
	> 12	< 15.2	15.2 ≤ T < 73.6	≥ 73.6	< 11.5	11.5 ≤ T < 62.7	≥ 62.7	< 7.6	7.6 ≤ T < 36.8	≥ 36.8
20 ≤ % < 25	≤ 3	< 5.1	5.1 ≤ T < 25.3	≥ 25.3	< 3.6	3.6 ≤ T < 17.5	≥ 17.5	< 2.6	2.6 ≤ T < 12.7	≥ 12.7
	3 < L ₂ ≤ 7	< 6.7	6.7 ≤ T < 28.1	≥ 28.1	< 4.7	4.7 ≤ T < 21.5	≥ 21.5	< 3.4	3.4 ≤ T < 14.1	≥ 14.1
	7 < L ₂ ≤ 12	< 8.8	8.8 ≤ T < 42.4	≥ 42.4	< 6.4	6.4 ≤ T < 32.3	≥ 32.3	< 4.4	4.4 ≤ T < 21.2	≥ 21.2
	> 12	< 12.6	12.6 ≤ T < 56.7	≥ 56.7	< 9.5	9.5 ≤ T < 48.2	≥ 48.2	< 6.3	6.3 ≤ T < 28.4	≥ 28.4

**MEDIAN-BARRIER OR BRIDGE-RAILING TEST-LEVEL SELECTION,
DESIGN SPEED 40 mph**

Figure 49-6D(40)

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	< 4.4	4.4 ≤ T < 20.6	≥ 20.6	< 3.1	3.1 ≤ T < 14.2	≥ 14.2	< 2.2	2.2 ≤ T < 10.3	≥ 10.3
	3 < L ₂ ≤ 7	< 5.8	5.8 ≤ T < 22.9	≥ 22.9	< 4.1	4.1 ≤ T < 17.5	≥ 17.5	< 2.9	2.9 ≤ T < 11.5	≥ 11.5
	7 < L ₂ ≤ 12	< 7.5	7.5 ≤ T < 34.6	≥ 34.6	< 5.5	5.5 ≤ T < 26.3	≥ 26.3	< 3.8	3.8 ≤ T < 17.3	≥ 17.3
	> 12	< 10.8	10.8 ≤ T < 46.1	≥ 46.1	< 8.0	8.0 ≤ T < 39.1	≥ 39.1	< 5.4	5.4 ≤ T < 23.1	≥ 23.1
30 ≤ % < 35	≤ 3	< 3.9	3.9 ≤ T < 17.4	≥ 17.4	< 2.8	2.8 ≤ T < 12.0	≥ 12.0	< 2.0	2.0 ≤ T < 8.7	≥ 8.7
	3 < L ₂ ≤ 7	< 5.1	5.1 ≤ T < 19.3	≥ 19.3	< 3.6	3.6 ≤ T < 14.7	≥ 14.7	< 2.6	2.6 ≤ T < 9.7	≥ 9.7
	7 < L ₂ ≤ 12	< 6.6	6.6 ≤ T < 29.2	≥ 29.2	< 4.8	4.8 ≤ T < 22.2	≥ 22.2	< 3.3	3.3 ≤ T < 14.6	≥ 14.6
	> 12	< 9.4	9.4 ≤ T < 38.8	≥ 38.8	< 7.0	7.0 ≤ T < 32.9	≥ 32.9	< 4.7	4.7 ≤ T < 19.4	≥ 19.4
35 ≤ % ≤ 40	≤ 3	< 3.5	3.5 ≤ T < 15.0	≥ 15.0	< 2.5	2.5 ≤ T < 10.4	≥ 10.4	< 1.8	1.8 ≤ T < 7.5	≥ 7.5
	3 < L ₂ ≤ 7	< 4.6	4.6 ≤ T < 16.7	≥ 16.7	< 3.2	3.2 ≤ T < 12.7	≥ 12.7	< 2.3	2.3 ≤ T < 8.4	≥ 8.4
	7 < L ₂ ≤ 12	< 5.9	5.9 ≤ T < 25.3	≥ 25.3	< 4.2	4.2 ≤ T < 19.2	≥ 19.2	< 3.0	3.0 ≤ T < 12.7	≥ 12.7
	> 12	< 8.4	8.4 ≤ T < 33.5	≥ 33.5	< 6.2	6.2 ≤ T < 28.4	≥ 28.4	< 4.2	4.2 ≤ T < 16.8	≥ 16.8

**MEDIAN-BARRIER OR BRIDGE-RAILING TEST-LEVEL SELECTION,
DESIGN SPEED 40 mph (Continued)**

Figure 49-6D(40)