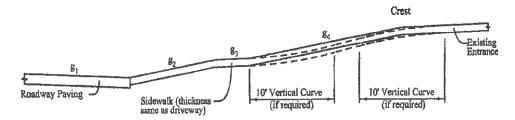


Figure 5I-4.02A: Typical Section - Commercial/Industrial and Residential Entrance



1. Algebraic Difference Between g1 and g2:

a. Commercial/Industrial: Not to exceed 9%

b. Residential: Not to exceed 12%

2. Algebraic Difference Between g2 and g3:

a. Commercial/Industrial: Not to exceed 6%

b. Residential: Not to exceed 8%

- 3. Maximum Slope of g3 = 2% (ADA compliance)
- 4. Algebraic Difference g3 to g4:
 - a. Commercial/Industrial: Not to exceed 5%
 - b. Residential: Not to exceed 8%
 - c. 10 foot vertical curve required for change in grade exceeding 5%
- 5. Maximum Slope of g4:
 - a. Commercial/Industrial: 7%
 - b. Residential: 10%
- 6. 10 foot vertical curve required for change in grade from g4 to existing exceeding 5%
- 7. If the above grade restrictions require a depressed sidewalk through the driveway, a transition section should be provided between the normal sidewalk grade and the depressed section. As a general rule, use the following transition lengths:

Elevation Difference from Normal Sidewalk Grade (inches)	Transition Distance (feet)
1 to 2	8
2 to 4	12
4 to 6	16
Greater than 6	Desirable max, slope is 16:1 Absolute max, slope is 12:1