



Figure 2-1: Access Connection Spacing Diagram

Table 2- 1: Frontage Road Connection Spacing Criteria		
Minimum Connection Spacing Criteria for Frontage Roads ⁽¹⁾⁽²⁾		
Posted Speed (mph)	Minimum Connection Spacing (feet)	
	One-Way Frontage Roads	Two-Way Frontage Roads
≤ 30	200	200
35	250	300
40	305	360
45	360	435
≥ 50	425	510

(1) Distances are for passenger cars on level grade. These distances may be adjusted for downgrades and/or significant truck traffic. Where present or projected traffic operations indicate specific needs, consideration may be given to intersection sight distance and operational gap acceptance measurement adjustments.

(2) When these values are not attainable, refer to the deviation process as described in Chapter 3, Section 1 or Chapter 2, Section 2.

Note: If a revision to the Access Management Manual causes a conflict with the information contained in this table, the Access Management Manual will govern.

Table 2- 2: Other State Highways Connection Spacing Criteria	
Other State Highways Minimum Connection Spacing ⁽¹⁾⁽²⁾⁽³⁾	
Posted Speed (mph)	Distance (ft)
≤ 30	200
35	250
40	305
45	360
≥ 50	425

(1) Distances are for passenger cars on level grade. These distances may be adjusted for downgrades and/or significant truck traffic. Where present or projected traffic operations indicate specific needs, consideration may be given to intersection sight distance and operational gap acceptance measurement adjustments.

(2) When these values are not attainable, refer to the deviation process as described in Chapter 3, Section 1 or Chapter 2, Section 2.

(3) Access spacing values shown in this table do not apply to rural highways outside of metropolitan planning organization boundaries where there is little, if any, potential for development with current ADT levels below 2000. Access connection spacing below the values shown in this table may be approved based on safety and operational considerations as determined by TxDOT.

Note: If a revision to the Access Management Manual causes a conflict with the information contained in this table, the Access Management Manual will govern.