

Acceleration/Deceleration Lanes

Acceleration lanes shall be considered on high speed roadways (Design Speed 50 mph and greater) where WB 67* vehicles will be entering the roadway. See Figure 3-32.

Acceleration/Deceleration lanes shall consist of a full-width lane and a transition taper. Acceleration lanes should be designed so that a turning vehicle will obtain the highway posted speed at the point where the full -width lane ends and transition taper begins.

- Acceleration Lane: See AASHTO Green Book, Chapter 10, Section 10.9.6, page 10-110, Table 10-3 Minimum Acceleration Lengths for Entrance Terminals with Flat Grades of 2% or Less.
- Deceleration Lanes: Storage and Transition Taper: See Section 3 – Turning Lanes, Figure 3-1 Left and Right Turn Lanes Criteria in this chapter. See Figure 3-28, and 3-30.
- Transition Taper: See Section 3 – Turning Lanes, Figure 3-1 Left and Right Turn Lanes Criteria in this chapter.

Bus Pullout

- See Appendix C

Left Turn Deceleration Lane

- See Figure 3-31

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