Guidelines For Installation of Shoulder Bypass/Left-Turn Lanes
(10% - 20% Left-Turning Traffic)

Consider Left-Turn Lane

Consider Bypass Lane

[Graph showing advancing volume vs. opposing volume with different speeds and traffic conditions]
Guidelines For Installation of Shoulder Bypass/Left-Turn Lanes
(20% - 30% Left-Turning Traffic)

Consider Left-Turn Lane

Consider Bypass Lane

Opposing Volume (veh/h)

Advancing Volume (veh/h)

- 40 mph
- 50 mph
- 60 mph
- 99% Queue-free State
Guidelines for Installation of Shoulder Bypass/Left-Turn Lanes
(5%* - 10% Left-Turning Traffic)

*For less than 5% left turns, engineering judgement shall be used.