

## CHAPTER 17

## SIGNING PLANS

SIGNING CONCEPTS FOR PRELIMINARY DESIGN

17-1

On urban freeways or interstate projects with complex interchanges, the designer should request the Traffic Congestion and Signing Unit to review the project for possible signing conflicts.

SIGNING PLANS

17-2

Signing plans are the responsibility of the Traffic Engineering and Safety Systems Branch. Upon completion of signing plans and specifications, they will be submitted to the Roadway Design Unit for inclusion into the plans. Coordination of signing plans with Traffic Engineering is in accordance with Chapter 6/6 in the Policy and Procedure Manual.

Prior to the Pre-Let Field inspection, the Signing Engineer should provide the Roadway Engineer a copy of the signing plans. Roadway Design should design all traffic barriers required to shield a sign structure within the clear zone of the highway, unless breakaway sign supports are utilized. If sign supports are placed in the median of a divided highway, Roadway Design will coordinate any revision to the plans with the Hydraulics Unit.

COORDINATION FOR SIGN SUPPORTS

17-3

Urban freeways often require large sign structures in the concrete median barrier. The detailing of these sign structures requires close coordination between Traffic Congestion and Signing, Structure Design, and Roadway Design.

Projects with proposed concrete median barrier sign foundations should be handled as follows:

- Signing will provide both the Roadway Project Design Engineer and Structure Design locations of all proposed Concrete Median Barrier Sign Foundations. This should be accomplished by week 26 of the project flow chart.
- The Roadway Engineer will then provide Structure Design with the type of barrier, typical sections, and grades at each barrier location.

COORDINATION FOR SIGN SUPPORTS (continued)

17-3

- The Roadway plans will call for Roadway Standard Drawings Std. No. 854.05 Concrete Median Transition Barrier.
- Structure Design will furnish a special Concrete Median Barrier Foundation for Sign Assembly detail for each location to Signing for inclusion in the signing plans. A copy of this detail will also be provided to Roadway for use in preparing median barrier quantities only (do not place in the Roadway Plans).
- The cost of the sign base and foundations are included in the cost of the overhead sign assembly. The transition sections for median barrier are Roadway pay items.