



Introduction to Work Zone Activities

Design Manual

Chapter 9

Traffic Control

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Each traffic control zone differs according to vehicle speed, traffic volumes, and the locations of work, pedestrians, and intersections. The goal of traffic control is safety, and the key factor in making the traffic control plan work is proper judgment. Sections 9C-1 through 9C-6 are designed to guide the designer in applying the basic principles discussed earlier in the chapter.

Section RS of the *Standard Road Plans* and sections 520 and 521 of *Road Design Details* show typical applications of various traffic control methods. Since there are endless combinations of geometry, location, and work, it is not possible to have a layout for every conceivable work zone situation. However, the layouts in these sections do provide a basis from which other layouts may be derived to fulfill the traffic control needs of a particular work zone situation.

The layouts contained in the *Standard Road Plans* and the *Road Design Details* represent minimum requirements for the situations depicted. Factors such as traffic volume, sight distance, and work area location may require modifications to these layouts. In any case, the guidelines contained in this manual and the MUTCD¹ must be satisfied.

¹ Federal Highway Administration, *Manual on Uniform Traffic Control Devices*, (Washington, D.C. 2000).