

In setting up temporary traffic control (TTC), there are a few issues to keep in mind. The primary function of TTC is to provide a reasonably safe and effective movement of road users through and around the TTC zone. However, it is equally important to maintain the safety of the workers performing the varied tasks within the work space. There are many methods to accomplish these functions without putting the road users and workers at risk.

The specific method for closing lanes depends on the location and the work being performed. Each difference creates a new application of TTC zones and devices. Some examples of variances are:

- Shoulder Work with Minor Encroachment
- Lane Closure on a Two-Lane Road using Flaggers
- Lane Closure on a Two-Lane Road with Low Traffic Volumes
- Lane Closure on a Two-Lane Road Using Traffic Signals
- Lane Closure on a Minor Street
- Lane Closure on the Near Side of an Intersection

## Use a Variety of TTC Devices

No one set of TTC devices can satisfy all conditions for any given project or incident. TTC devices should be selected for each individual situation based on the following criteria:

- Type of highway
- Road user conditions
- Duration of operation
- Physical constraints
- Proximity of work space to road users

Some examples of TTC devices are:

- Signs (arrow boards, plaques, )
- Signals
- Markings
- Flags
- Lights

Consideration for road user safety, worker safety and the efficiency of road user flow is an integral element of every temporary traffic control zone, from planning through completion.

For complete details, always refer to the Manual on Uniform Traffic Control Devices (MUTCD).

This document provides general information about a safety and health topic and is only intended for use in facilitating discussions with employees in safety meetings. It does not address all hazards, OSHA or local requirements related to the topic or accompanying photograph. This document cannot be relied on to determine whether a site specific situation meets all safety and health requirements. Assurance Safety Consulting is not responsible for any health and safety violation or injury at a job site.