

Worksite: _____ Instructor: _____ Date/Time: _____

Topic C647: Temporary Traffic Control (Road Work Ahead & Cone Placement)

Introduction: Temporary traffic control signs and devices are needed for the safety of the public and the work crews performing their jobs. Properly maintain signs for cleanliness, visibility and correct positioning, replace signs that have lost legibility.

Signs should be on the right side of the roadway unless otherwise specified. Where special emphasis is needed, place signs on both sides of the roadway. Signs mounted on portable supports may be placed within the roadway itself. Signs may also be mounted on or above barricades.

For mobile operations, mount a sign on a work vehicle, a shadow vehicle, or a trailer stationed in advance of, or moving with, the TTC. The vehicle may have an impact attenuator.

Maintain the cones to keep them clean, visible and properly positioned, replace damaged cones and those that have lost retro reflectivity.

Sign Placement: On urban streets, place the first warning sign in feet 4 to 8 times the mph speed limit, using the high end of the range for faster speeds. When using a single advance warning sign, in low-speed residential streets the advance warning area can be as short as 100 feet ahead.

Extend the advance warning area on higher-speed streets, such as major arterials, with more advance warning signs. On higher speed rural highways, the first warning sign should be from 8 to 12 times in feet, the speed limit range. The advance warning area should extend 1,500 feet or more for open highways.

Conditions, like limited sight distance or obstructions that might require a driver to reduce speed or stop, might require additional advance warning signs. Instead of a specific distance on advance warning signs, use the word AHEAD.

At TTC zones on lightly-traveled roads, all of the advance warning signs prescribed for major construction might not be needed. Utility work, maintenance, or minor construction can occur within the TTC zone limits of a major construction project, and additional warning signs may be needed. Coordinate placement with the appropriate authorities so road users are not confused by the additional TTC devices.

Install ROAD WORK NEXT () miles sign ahead of TTC zones more than 2 miles long and may be mounted on a Type III barricade. The sign may also be used for shorter TTC zones. Show the distance stated to the nearest whole mile.

Place the END ROAD WORK sign near the end of the termination area. The END ROAD WORK sign may be installed on the back of a warning sign facing the opposite direction of road users or on the back of a Type III barricade.

Transition Area using Cones: The transition area is that section of roadway where drivers are redirected out of their normal path to a new path. In mobile operations, the transition area moves with the work space.

Use traffic cones to channelize user, divide opposing traffic lanes, divide lanes in the same direction, and around short duration maintenance and utility work.

Doubling up cones, increase their weight, to minimize the possibility of being blown over, displaced or moved by traffic. Some cones can be filled with ballast. Still they need to be crashworthy without debris from the cone or ballast causing a significant hazard to traffic or workers.

Cone Placement: Space cones so they don't exceed a distance in feet equal to the speed limit in mph for taper channelization, and a distance equal to twice the speed limit for tangent channelization. When there's a chance of vehicles leaving the intended traffic lane, extend cones – the same distance of tangent channelization – beyond the transition area.

Maintain the cones to keep them clean, visible and properly positioned, replace damaged cones and those that have lost retro reflectivity. Cones are required to be retro reflectorized or equipped with lighting devices for nighttime use.

Conclusion: Stay alert and retrain periodically to ensure safety. Utilize these guidelines to keep traffic aware of where you are working.

Employee Attendance: (Names or signatures of personnel who are attending this meeting)

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_____	_____	_____
_____	_____	_____
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These guidelines do not supersede local, state, or federal regulations and must not be construed as a substitute for, or legal interpretation of, any OSHA regulations.