

**POLICY ON WORK ZONE TRAFFIC CONTROL**  
**CITY OF KNOXVILLE, TENNESSEE**  
**September 11, 2009**

**I. Introduction**

- A. The proper use of warning devices in roadway construction and maintenance work areas must be planned in advance to meet the individual requirements of the job site. The objective of this policy is to provide maximum protection to employees, plant, equipment, and to the public while causing minimum interference to vehicular and pedestrian traffic.
- B. When guarding work areas, always provide more protection than may appear necessary rather than under-protecting. Inadequate protection may promote accidents by presenting the driver or pedestrian with a false impression of the extent of the work area and the deviations that he must take from his route in order to safely pass the work area.
- C. Early project planning for traffic control in construction and maintenance areas and implementation and surveillance of these controls during construction are very important.

**II. Need for Standards**

- A. Problems of traffic control occur when traffic must be moved through, around, or adjacent to road or street construction, maintenance operations, and utility work. No one standard sequence of signs or other control devices can be set up as an inflexible arrangement for all situations due to the variety of conditions encountered.
- B. The Manual on Uniform Traffic Control Devices (MUTCD) has been adopted as Federal and Tennessee Law. The MUTCD established principles to be observed in the design, installation, and maintenance of traffic control devices.
- C. These principles and standards are directed to the safe and expeditious movement of traffic through work areas and to the safety of the work force performing those operations.

**III. Responsibility**

- A. Adequate public protection shall be provided by contractors, public utility companies, railroads, State and City agencies performing any work on roadways or so closely adjacent as to create hazards or to restrict pedestrian or vehicular flow.
- B. It is important that the authorities having jurisdiction be able to require proper protection, that responsibility be clearly assigned, adequate training of personnel be provided, and that there be adherence to the provisions of the MUTCD.

- C. A temporary traffic control plan (TTCP) should include, but not be limited to such items as signing, application and removal of pavement and markings; construction; scheduling; methods and devices for delineation and channelization; placement and maintenance of devices; roadway lighting; traffic regulations; and surveillance and inspection.
- D. A TTCP and permit form should be completed in detail to the complexity of the work project and noting the date of planned beginning of construction and duration shall be prepared by the contractor, public utility company, State or City agency proposing to do work on or adjacent to the roadway.
- E. The TTCP shall be reviewed and approved by the Director of Engineering or his designee. Although every effort will be made to review the TTCP immediately upon submittal, a minimum of (2) two working days should be allowed for review of the TTCP. The TTCP is to be approved by the Permitting Office at the City of Knoxville Engineering Division, 1400 Loraine Street, Telephone 215-6100.
- F. When the TTCP and permit are approved, the City of Knoxville Engineering Division will fax the information to the following agencies:

<u>AGENCY</u>	<u>FAX NUMBER</u>	<u>PHONE NUMBER</u>
*E-911 - (Amy)	215-1141	215-1103
Knoxville Police Department - (Bryan Bates)	215-8622	215-7000
*Knoxville Area Transit (R. Boone)	215-7820	215-7800
Tennessee Dept. of Transportation (M. Dykes)	594-5626	594-4512
*Knoxville Fire Department	595-4482	595-4474

\*(Total road closures only.)

- G. When construction is required that will block one or more lanes of principal collector or arterial roadways or close any principal collector or arterial roadway, the responsible work authority shall notify the public. This is currently best handled by notifying the Permitting Office at the City of Knoxville Engineering Division, telephone 215-6100. The deadline for media notification is 2:00 P.M. for the next day release to radio.
- H. Construction on or adjacent to local streets (traffic volumes of less than 1,000 vehicles-per-day) requiring one lane closures will only require implementation of adequate work zone traffic control procedures as outlined in the MUTCD.

#### **IV. Road Closures**

- A. Total Road Closures for construction and maintenance activities are typically not permitted on principal collector or arterial roadways. Total road closures on secondary collectors and local streets will be considered on a case-by-case basis. Traffic control plans for total road closures must be sealed by a Professional Engineer registered in the State of Tennessee.

- B. In the event of an emergency and there is no alternative but to close the roadway, adequate work zone traffic control procedures as outlined in the MUTCD shall be implemented. Notification of proper authorities must be made as soon as possible by contacting the E-911 Dispatcher at 215-4010.

## **V. Hours of Work**

- A. When construction is required that will block one or more lanes of a principal collector or arterial roadway, the hours of work shall be limited on weekdays to avoid conflict with peak hour traffic movement. Work on weekdays is permitted before 6:00 A.M., from 9:00 A.M. to 3:00 P.M., and after 6:30 P.M. Work is permitted during off peak conditions and on weekends (except for unusual circumstances, i.e. parades, U.T. football games, etc.). More liberal hours are typically allowed on local streets. Work during peak hours in the off peak travel direction is often permitted. Other arrangements may be approved on a case-by-case basis.
- B. When an emergency occurs that requires total road closure on a principal collector or arterial roadway, every effort should be made to make the repairs as soon as possible. Notification of proper authorities must be made as soon as possible by contacting the E-911 Dispatcher at 215-4010. Overtime should be authorized for evening and weekend work.

## **VI. Street Cut Permits**

- A. When the work requires that city streets be cut, a permit shall be required from the Permitting Office at the City of Knoxville Engineering Division, 1400 Loraine Street. On an emergency basis, these permits may be obtained by notifying the City of Knoxville Engineering Division at 215-6100 and then following up with a written request as soon thereafter as practical. In routine situations, a written request outlining the need for cutting the street, the proposed location, the proposed date of work and the contractor involved shall be supplied in writing to the individuals at the City of Knoxville Engineering Division at Loraine Street, preferably 48 hours in advance of the cut.
- B. Construction standards are available at the City of Knoxville Engineering Division offices at 1400 Loraine Street and on the City's website: <http://www.ci.knoxville.tn.us/>

## **VII. Principal Collector and Arterial Roadways**

For purposes of this policy, the following shall be defined as principal collector or arterial roadways. Time restrictions apply. See Sec. V. A., Hours of Work.

- A. All streets in the Central Business Improvement District (CBID). See map on page TS-34.0-13.

B. Principal collectors, arterials and selected minor collectors:

Adair Drive, Bruhin Road to Sanders Drive  
Ailor Avenue, Western Avenue to 21st Street  
Alcoa Highway  
Amherst Road, Middlebrook Pike to McKamey Road  
Anita Drive, Sevier Avenue to Hillwood Drive  
Asheville Highway  
Atlantic Avenue, Central Street to Broadway  
Ault Road, Buffat Mill Road to Hillview Avenue  
Ball Camp Pike, Western Avenue to John May Road  
Baxter Avenue, Beaumont Avenue to Central Street  
Beaumont Avenue, Baxter Avenue to Keith Avenue  
Bennington Drive, Corteland Drive to Vanosdale Road  
Bernard Avenue, Elm Street to Central Avenue  
Beverly Road, Tazewell Pike to Greenway Drive  
Blount Avenue, Gay Street to Maryville Pike  
Boyds Bridge Pike, Brooks Avenue to Holston River Bridge  
Bradshaw Garden Drive, Pleasant Ridge Road to Clinton Highway  
Bradshaw Road, Ball Camp Pike to Pleasant Ridge Road  
Bridgewater Road, Cross Park Drive to Kingston Pike  
Broadway  
Brooks Avenue, Dandridge Avenue to Boyds Bridge Pike  
Broome Road, N. Gallaher View Road to Middlebrook Pike  
Bruhin Road, Inskip Drive to Heiskell Avenue  
Buckingham Road, Kingston Pike to Vanosdale Road  
Buffat Mill Road, Whittle Springs Road to Loves Creek Road  
Cecil Avenue, Broadway to Cherry Street  
Cedar Bluff Road, Kingston Pike to Cross Park Drive  
Cedar Lane, Central Avenue Pike to Broadway  
Central Avenue Pike, Murray Drive to Bruhin Road  
Central Street, Bruhin Road to Neyland Drive  
Chapman Highway  
Cherokee Boulevard, Scenic Drive to Kingston Pike  
Cherokee Trail, Alcoa Highway to Scottish Pike  
Cherry Street, Cecil Avenue to Magnolia Avenue  
Chilhowee Drive, Rutledge Pike to Holston Hills Drive  
Clancy Avenue, Blount Avenue to Scottish Pike  
Clinch Avenue, 22nd Street to 11th Street  
Clinton Highway  
Coleman Road, Lonas Drive to Papermill Drive  
Concord Street, Kingston Pike to Sutherland Avenue  
Copper Kettle Street, Western Avenue to Ed Shouse Drive  
Cross Park Drive, Cedar Bluff Road to Bridgewater Road  
Cumberland Avenue  
Dale Avenue, 21st Street to Western Avenue  
Dandridge Avenue, Hill Avenue to Brooks Avenue  
Dandridge Avenue, Brooks Avenue to Riverside Drive  
Davenport Road, Sevier Avenue to Moody Avenue  
Deane Hill Drive, Morrell Road to Kingston Pike  
Delrose Avenue, Dandridge Avenue to Boyds Bridge Pike

Downtown West Boulevard, Kingston Pike to Gleason Road  
Dry Gap Pike, Central Avenue Pike to Rifle Range Road  
Dutch Valley Drive, Bruhin Road to Old Broadway  
Ed Shouse Drive, Western Avenue to Middlebrook Pike  
11th Street, Western Avenue to Cumberland Avenue  
Elm Street, Oldham Avenue to Bernard Avenue  
Emory Road  
Essary Drive, Broadway to Briarcliff Road  
Fairmont Boulevard, Broadway to Whittle Springs Road  
5th Avenue, University Avenue to Winona Street  
Forest Glen Drive, Tobler Lane to Kingston Pike  
Forest Park Boulevard, Sutherland Avenue to Kingston Pike  
Fairway Road, Valley View Road to Washington Pike  
Francis Road, Middlebrook Pike to Amherst Road  
Gallaher View Road, Middlebrook Pike to Gleason Drive  
Gap Road, I-640 to Wilson Road  
Gleason Drive, Morrell Road to Gallaher View Road  
Gov. John Sevier Highway  
Greenway Drive, Broadway to Washington Pike  
Hall of Fame Drive, E. Hill Avenue to Broadway  
Haynes Sterchi Road, Dry Gap Pike to Cedar Lane  
Heiskell Avenue, Texas Avenue to Central Street  
Henley Street  
Highland Avenue, 22nd Street to 16th Street  
Highland Drive, Inskip Road to Broadway  
Hillview Avenue, Ault Road to Rutledge Pike  
Hinton Road, Third Creek Road to Western Avenue  
Hollywood Drive, Lonas Drive to Sutherland Avenue  
Hotel Road, Broadway to Holbrook Drive  
Inskip Drive, Clinton Highway to Bruhin Road  
Inskip Road, Cedar Lane to Adair Drive  
Island Home Avenue, Sevier Avenue to Island Home Pike  
Island Home Pike, Island Home Avenue to Sevierville Pike  
Jacksboro Pike, Tazewell Pike to Broadway  
Jackson Road, Amherst Road to Cecil Johnson Road  
James White Parkway  
Johnston Street, Heiskell Avenue to Tennessee Avenue  
Keith Avenue, Beaumont Avenue to Sanderson Road  
Kingston Pike  
Knott Road, Middlebrook Pike to Tenwood Drive  
Lake Loudoun Boulevard, Volunteer Boulevard to Neyland Drive  
Liberty Street, Keith Avenue to Sutherland Avenue  
Lonas Drive, Weisgarber Road to Middlebrook Pike  
Loves Creek Road, Millertown Pike to Rutledge Pike  
Lyons Bend Road, Northshore Drive to Glen Cove Drive  
Lyons View Pike, Northshore Drive to Kingston Pike  
Mabry Hood Road, Pellissippi Parkway to Kingston Pike  
Magnolia Avenue  
Mall Road N, Millertown Pike to Washington Pike  
Mall Road S, Washington Pike to Millertown Pike  
Martin Luther King, Jr. Avenue, Dandridge Avenue to Holston Drive

Martin Mill Pike, Chapman Highway to Ogle Avenue  
 Maryville Pike, Ogle Avenue to Caleb Avenue  
 McCalla Avenue, Jessamine Street to Martin Luther King, Jr. Avenue  
 McDonald Road, Boyds Bridge Pike to Sunset Road  
 McKamey Road, Amherst Road to Western Avenue  
 Merchant Drive, Pleasant Ridge Road to Central Avenue Pike  
 Middlebrook Pike  
 Millertown Pike, Washington Pike to Mill Road  
 Mineral Springs Road, Broadway to Whittle Springs Road  
 Montvue Road, Kingston Pike to Gleason Road  
 Moody Avenue, Chapman Highway to South Knoxville Boulevard  
 Morrell Road, Kingston Pike to Northshore Drive  
 Murray Drive, Pleasant Ridge Road to Central Avenue Pike  
 Neubert Springs Road, Martin Mill Pike to W. Ford Valley Road  
 Neyland Drive  
 Northshore Drive  
 Ogle Avenue, Maryville Pike to Martin Mill Pike  
 Oglewood Avenue, Harvey Street to Broadway  
 Old Broadway, Broadway to Mineral Springs Road  
 Palmetto Road, Western Avenue to Sullivan Road  
 Papermill Drive, Kingston Pike to Liberty Street  
 Parkdale Road, Rifle Range Road to Cedar Lane  
 Parkside Drive, City Limit to beginning of N. Peters Road  
 Pellissippi Parkway  
 N. Peters Road, Kingston Pike to beginning of Parkside Drive  
 Pleasant Ridge Road, Western Avenue to City Limit (N. of Murray Drive)  
 Proctor Street, Middlebrook Pike to Western Avenue  
 Prosser Road, Buffat Mill Road to Magnolia Avenue  
 Ray Mears Boulevard, Downtown West Boulevard to Montvue Road  
 Riverside Drive, South Knoxville Boulevard to Delrose Drive  
 Riverside Drive, Delrose Drive to Holston Hills Road  
 Rutledge Pike  
 Sanders Drive, Adair Drive to Jacksboro Pike  
 Sanderson Road, Pleasant Ridge Road to Keith Avenue  
 Scenic Drive, Kingston Pike to Southgate  
 17th Street, Western Avenue to Cumberland Avenue  
 Sevier Avenue, Gay Street to Island Home Avenue  
 Sevier Avenue, Island Home Pike to Sevierville Pike  
 Sevierville Pike, Sevier Avenue to City Limit (E. of E. Ford Valley Road)  
 Shea Street, Western Avenue to College Street  
 Sisk Road, Hazelwood Road to Pleasant Ridge Road  
 South Knoxville Boulevard  
 Strawberry Plains Pike, Bell Lane to Huckleberry Springs Road  
 Stone Road, Chapman Highway to Magazine Road  
 Sullivan Road, Western Avenue to Pleasant Ridge Road  
 Sutherland Avenue, University Avenue to Westwood Drive  
 Tazewell Pike  
 Tennessee Avenue, Western Avenue to Johnston Street  
 Texas Avenue, Western Avenue to Heiskell Avenue  
 Third Creek Road, Hinton Road to Middlebrook Pike  
 Tillery Road, Wilson Road to Central Avenue Pike

Tobler Lane, Sutherland Avenue to Forest Glen Drive  
21st Street, Dale Avenue to Leslie Avenue  
University Avenue, Western Avenue to Bernard Avenue  
Valley View Drive, Whittle Springs Road to Washington Pike  
Vanosdale Road, Buckingham Road to Middlebrook Pike  
Volunteer Boulevard, Cumberland Avenue to Cumberland Avenue  
Walker Springs Road, Walbrook Drive to Kingston Pike  
Walnoaks Road, Sullivan Road to Pleasant Ridge Road  
Washington Pike, Broadway to Murphy Road  
Weisgarber Road, Middlebrook Pike to Papermill Drive  
Western Avenue  
Westland Drive, Northshore Drive to Morrell Road  
Westwood Drive, Sutherland Avenue to Papermill Drive  
Whittle Springs Road, Mineral Springs Avenue to Cecil Avenue  
Wilson Road, Pleasant Ridge Road to Clinton Highway  
Winston Road, Kingston Pike to Corteland Drive  
Woodland Avenue, I-75 to Broadway  
Woodlawn Pike, Chapman Highway to Chapman Highway  
Young High Pike, Martin Mill Pike to Woodlawn Pike