

15 - TRAFFIC CONTROL (PRIVATE DEVELOPMENT)

15.1 SCOPE

This work shall consist of the installation of construction and traffic control devices in accordance with these Specifications and as established by the City Engineer.

15.2 GENERAL

All work performed in the right-of-way or which in any way impacts vehicular or pedestrian traffic shall be properly signed, barricaded, and otherwise protected at the permittee's expense. All Traffic Control shall be in conformance with the latest edition of the Federal Highway Administration's Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD) as adopted by KDOT and the City of Overland Park Traffic Control Handbook for Street Maintenance and Construction Operations, unless otherwise agreed to by the City.

Whenever there is an excavation by the permittee, the permittee shall be responsible for providing adequate traffic control to the surrounding area as determined by the City Engineer. The permittee shall perform work on the right-of-way at such times that will allow the least interference with the normal flow of traffic and the peace and quiet of the neighborhood.

The permittee responsible for the excavation who leaves debris in the right-of-way shall be responsible for providing safety protection in accordance with the latest edition of the Manual of Uniform Traffic Control Devices and any applicable federal and state requirement.

a. Traffic Control.

Reasonable ingress and egress from property adjacent to the project shall be maintained at all times throughout the duration of this project. If a traffic control plan is not included in the plans for the project, the following will apply:

(1) During non-working hours, all lanes of traffic in all directions shall be maintained. During non-peak traffic hours, the Contractor may, with the authorization of the City Engineer, close such traffic lanes at the project location(s), as approved, using appropriate channelizing devices, or any other traffic control devices the City Engineer may designate.

(2) The Contractor is advised that no work that will restrict traffic in any way will be performed between the hours of 7 A.M. to 8:30 A.M. or 4 P.M. to 6 P.M. or on holidays and weekends unless prior approval is received through the City Engineer or if there are emergency repairs necessary by a utility company or their representative.

(3) The Contractor shall place the required signing and protective devices prior to beginning construction activity each day and patrol the work area as frequently as needed during the day and at the end of each working day. All traffic cones, signs, barricades, drums, and other devices shall be immediately and properly reset if moved out of place.

15.3 REFERENCES

- (1) Federal Highway Administration Manual on Uniform Traffic Control Devices for Streets and Highways, latest edition (MUTCD)
- (2) KDOT Standard Specification Section 2201: Reflective Sheeting
- (3) National Cooperative Highway Research Program 350 (NCHRP): Recommended Procedures for the Safety Performance Evaluation of Highway Facilities
- (4) Traffic Control Handbook for Street Maintenance and Construction Operations, City of Overland Park

15.4 MATERIALS

a. Signs.

Signs shall conform to the requirements of the MUTCD, unless otherwise directed by the City Engineer or specified herein. Signs shall be .080-inch thick sheet aluminum alloy 6061-T6. Legend, border, and background other than black, shall have a microencapsulated prismatic retro-reflective coating. The physical and optical properties shall conform to the Specifications written by the Federal Highway Administration (FP-74). The colors of the reflective sheeting shall conform to Table II of KDOT Standard Specification Section 2201. All orange construction signs shall be reflectorized with fluorescent orange prismatic grade retroreflective sheeting. All regulatory signs used in the construction traffic control shall be reflectorized with micro-encapsulated prismatic grade retroreflective sheeting. All type I, II, III indicator barricades and channelization devices shall be reflectorized with a Kansas Department of Transportation approved high intensity grade retroreflective sheeting. White bands on conical delineators, tubular markers, drums and cones shall be Kansas Department of Transportation approved High Intensity grade retroreflective sheeting. Orange bands shall be fluorescent prismatic grade sheeting. All markings shall be reflectorized with glass beads.

b. Posts.

Posts shall be of the dimensions necessary to provide a seven-foot clearance from the sign bottom to the ground, and be secured appropriately or be supported by breakaway devices as approved by NCHRP350.

15.5 INSTALLATION

Signs of the various types shall be fabricated and installed in conformance with the MUTCD or as directed by the City Engineer. Posts shall be set vertical at locations as shown on the Construction Plans or as designated by the Engineer.

Flagmen shall be furnished by the Contractor and used when the roadway is partially or wholly blocked by equipment or men and where equipment is crossing a road that is open to through traffic. Flagmen shall be properly attired with retro-reflective garments as outlined in the MUTCD and be courteous and use an approved stop and slow sign to control the traffic.