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## **1300 DESCRIPTION**

Traffic control devices shall be maintained in a safe operating condition at all times. The contractor shall provide for approval by the Town Engineer, a traffic control plan, and shall comply with these Standards and Specifications. If the Town Engineer finds the construction area to be inadequately barricaded, he/she has the authority to stop work and direct that corrective measures be taken prior to proceeding with work.

## **1301 GENERAL PROVISIONS**

The Contractor shall contact the Town Engineer at least 48 hours before starting work on any arterial street, or within 400-feet. of a traffic signal, to secure locations of any underground facilities. The Contractor shall be responsible for the cost of repair to any facilities damaged by construction. The Contractor shall not interfere with traffic between the hours of 7:00 a.m. to 8:30 a.m. and 3:30 p.m. to 6:00 p.m. on weekdays or at any time on weekends or holidays without written permission from the Town Engineer.

## **1302 DESIGN CRITERIA**

The Manual on Uniform Traffic Control Devices shall be the basis upon which the construction traffic control plan is designed in concern with proper, prudent, and safe engineering practice. All necessary signing, striping, coning, barricading, flagging, etc. shall be shown on the plan.

## **1303 MATERIALS**

Unless otherwise directed by the Town Engineer, materials used in the construction of traffic signs and sign structures, including traffic signals and systems, shall conform to the requirements of CDOT Standard Specifications for Road and Bridge Construction Section.

## **1304 TRAFFIC CONTROL REQUIREMENTS**

### **1304.01 General Requirements**

1. The Contractor shall not allow construction equipment, personal vehicles, or construction materials to remain on or near the traveled lanes, or at any location that may interfere with the safe movement of traffic.
2. The Contractor shall provide access, acceptable to the property owners, to existing driveways of business and homes in the project area.
3. The Contractor shall remove all construction mud and debris from the travel lanes daily. Construction traffic control signs or devices not in use shall be removed or laid down.



4. Every precaution shall be taken to ensure that construction work does not interfere with the movement of pedestrian traffic, which shall be maintained on the sidewalk at all times. A traffic control person shall be provided for guidance as necessary.

#### **1304.02 Vehicular Traffic**

1. Construction work zone traffic shall be controlled by signs, barricades, detours, etc., which are designed and installed in accordance with the Manual on Uniform Traffic Control Devices, most recent edition, and applicable Town of Frederick Standards. A traffic control plan shall be submitted and approved by the Town Engineer, or designee, prior to start of any construction.
2. During construction of new facilities, traffic control should strive to keep the motorist from entering the facility. The primary means to accomplish this is by use of temporary barricades, located in advance of the point where new construction joins existing, and by appropriate signage. New construction shall not be opened to traffic and, thus, the construction traffic control removed without the approval of the Town Engineer.
3. Directional access on roadways may be restricted (minimum travel lane width in construction area is 10-feet, but proper controls including flagging must be indicated. Removal of on-street parking should be considered and noted where applicable.

#### **1304.03 Traffic Control Person**

1. The Contractor shall provide a traffic control person, other than the Project Superintendent, when called for in the plans or in the special conditions, or when determined necessary by the Town Engineer. The Traffic Control Person shall:
  - a. Have traffic control as their primary duty.
  - b. Carry a valid Traffic Control Supervisor certificate and a valid Flagging certificate (recognized by the Colorado Department of Transportation)
  - c. Be on the job site at all times during working hours.
  - d. Verify that all traffic control devices are in accordance with the Manual on Uniform Traffic Control Devices, including the Colorado Supplement, and that all traffic control devices are properly positioned and operating according to the approved traffic control plans.
  - e. Maintain two-way traffic on existing pavement unless otherwise specified in the approved traffic control plans.



#### **1304.04 Signage and Pavement Markings**

1. Installation and removal of temporary signing and striping shall be the responsibility of the Contractor.
2. Unless otherwise shown on the plans, the Contractor shall be responsible for final lane marking and signing that is to be in place prior to opening the project area to traffic. Coordinate with the Town's Engineering department to order and install all signage.
3. When a construction project includes the relocation of any traffic signal equipment or construction of a new signalized intersection, the work will be done by a qualified signal contractor.

#### **1304.05 Barricades**

Whenever roadways terminate due to project phasing, subdivision boundaries, etc., barricades are required. Design and construction shall comply with the requirements of the Manual of Uniform Traffic Control Devices, most recent edition. Details shall be shown on the construction drawings, and installation shall be provided by the Developer.

#### **1305 INSPECTION**

The Contractor shall take appropriate measures to assure that all traffic control devices are installed correctly and functioning properly. The Contractor shall inspect all traffic control devices before the start of construction each day to verify all devices are in place and functioning. Where lighted barricades are used, the Contractor shall perform a light check at least once every two days.

