

**SECTION 01505**  
**TEMPORARY TRAFFIC CONTROL**

**PART 1: GENERAL**

1.1 SCOPE

- A) This section includes all work necessary to provide temporary traffic control to minimize obstruction and inconvenience to the public and to protect pedestrian and vehicular traffic.
- B) Temporary traffic control shall include, but not be limited to:
  - 1) Furnishing, installing, maintaining and removing all required traffic control devices.
  - 2) Providing flaggers, barricades, lights and signs as required by City, County or State agencies and their road and traffic control policies.
- C) Contractor shall provide temporary traffic control measures outside the contract limits when the Contractor's work activities affect traffic outside the contract limits.
- D) All work under this section to conform with all Federal, State and local regulations and requirements.

1.2 DEFINITIONS

- A) MUTCD:
  - 1) Manual on Uniform Traffic Control Devices.
  - 2) Signing and Flagging Standard for Short-Term Work Zones.

1.3 SUBMITTALS

- A) Traffic Control

The Contractor shall submit a traffic control plan at the Preconstruction Conference. The traffic control plan shall include:

- 1) Location and types of traffic control measures proposed.

- 2) Proposed order and duration of traffic control measures.

## **PART 2: PRODUCTS**

### 2.1 UNIFORM TRAFFIC CONTROL DEVICES

- A) Use new or like-new equipment for all temporary items under this Section unless otherwise specified.
- B) All barricades, signs, lights, flags and other traffic control devices shall conform to the current edition of the MUTCD unless otherwise specified.
- C) Signs
  - 1) Use standard size and shape conforming to the current edition of the MUTCD unless otherwise specified or ordered. Double-face signs will not be allowed except for flagger "STOP/SLOW" sign paddles.
  - 2) Type
    - a) Unless otherwise specified or shown on the plans, use signs composed of orange reflectorized sheeting background with non-reflectorized black legend on one of the following materials.
      - (1) Sheet aluminum
      - (2) 3/4-inch medium or high-density overlay plywood.
    - b) Where there is interference from extraneous light sources which limits the effectiveness of the reflectorized surface, or as required by the Engineer, illuminated signs shall be used.
- D) Flaggers
  - 1) Flaggers shall be equipped with a minimum of the following:
    - a) Clothing to cover the complete body except head, neck, and arms below the point of the shoulders.
    - b) An OSHA approved hard hat.

- c) An orange, fluorescent red-orange, or fluorescent yellow-orange vest. For night-time conditions, the vest shall be reflective.
- d) Highly visible, reflective "STOP/SLOW" sign paddles conforming to the MUTCD.
- e) Portable, self-contained two-way radio with a range suitable for the project.
- f) Illuminated stand area of high visibility at night.

### **PART 3: EXECUTION**

#### **3.1 GENERAL**

- A) Contractor shall adequately warn the public at all times of existing conditions on all streets affected by work operations.
- B) Provide approved access to private properties at all times, except during owner approved stages of construction.
- C) The Contractor shall notify affected residents, businesses and emergency services in writing during business hours 48 hours in advance of parking removal, and/or street, driveway, and alley detour or closures. Failure to provide proper, timely notification will be grounds to deny the commencement of the work.
- D) Emergency traffic such as police, fire, and disaster units shall be provided access to the work area at all times.
- E) Provide open trenches and excavations with adequate barricades of an approved type. No open trenches shall be left at night or over the weekends or on holidays. Install and maintain all necessary signs, lights, flares, barricades, railings, runways, stairs, bridges, and facilities for the protection of the public.
- F) Contractor shall conform to all applicable local, State and Federal regulations relating to temporary traffic control and protection of the public.

#### **3.2 TRAFFIC CONTROL WITHIN CONTRACT LIMITS**

- A) Contractor shall provide temporary traffic control as required by MUTCD, as well as applicable local and Federal regulations.
- B) When vehicular parking is a hazard to through traffic or to the work, furnish and place NO PARKING signs on any street which is impacted by the work.

- C) Flagging stations shall be staffed continuously during working hours.

### 3.3 DETOURS

- A) Contractor shall submit detour plans to the Engineer, local and State authorities a minimum of five (5) days prior to commencement of the work necessitating the detour, and obtain approval from all regulating authorities prior to detour construction.
- B) Contractor shall construct and maintain approved temporary detours to provide adequate passage of public traffic.
- C) Contractor shall assume responsibility for detours within the limits of the project such as side street crossings, temporary bridges over freshly placed concrete, or utilization of one or more lanes of the construction area for maintenance of traffic.
- D) Upon failure to immediately provide, maintain, or remove suitable detours or detour bridges when ordered to do so by Engineer, Owner may without notice to Contractor or Surety, provide, maintain, or remove the detour and deduct costs thereof from any payments due or coming due to Contractor.
- E) When detours are not available, confine operations to a width which provides for safe passage of traffic.

### 3.4 ONE-WAY PILOTED TRAFFIC

- A) If, in the judgment of the local traffic authorities, one-way piloted traffic is necessary, provide at least two flaggers to control traffic, one flagger being stationed at each end of the roadway being limited to restricted use and if the length of one way piloted traffic exceeds 2 miles, furnish a pilot car and driver to lead traffic. Pilot cars shall be identified with appropriate sign information mounted on the rear of the vehicle. At the end of each day leave work in such condition that it can be traveled without damage to the work and without danger to the public.

## **PART 4: SPECIAL PROVISIONS**

### 4.1 MEASUREMENT AND PAYMENT

- A) When not listed in the proposal, all "TEMPORARY TRAFFIC CONTROL" costs will be considered incidental work for which no separate payment will be made.

END OF SECTION