

**SECTION 01410****MAINTENANCE OF TRAFFIC****01410.01 GENERAL****A. Description**

1. This work pertains to the maintenance of traffic, both vehicular and pedestrian, on any facility affected by the work of the Contract.
2. All work shall be in accordance with the latest issue of the Manual on Uniform Traffic Control Devices, the Contract Documents, and as directed by the Engineer. Where no reference to maintenance of traffic or a traffic control plan is included in the Contract Documents, maintenance of traffic shall be in accordance with SECTION GP-7.10. Unless specifically included in the Proposal as a bid item, maintenance of traffic shall include furnishing traffic managers and flaggers; relocating, maintaining, and removing existing traffic signs and other traffic control devices; and implementation of a Traffic Control Plan (TCP).
3. Traffic control is required in accordance with Section GP-7.10 for all Contracts whether or not specifically included in the Proposal as bid items. No separate payment will be made for any traffic control items unless specific items are included in the Proposal as bid items.

**B. Related Sections**

1. Traffic control plan; Section 01411.
2. Traffic manager; Section 01412.
3. Temporary raised pavement markers; Section 01420.
4. Temporary concrete barrier; Section 01421.
5. Traffic barrier with beam; Section 01422.
6. Tubular markers; Section 01423.
7. Arrow board; Section 01424.
8. Traffic control signs through construction areas; Section 01430.
9. Temporary impact attenuators, hydrocells; Section 01440.
10. Temporary impact attenuators, sand containers; Section 01441.

11. Temporary painted stripe markings; Section 01450.
12. Temporary pavement tape marking; Section 01451.
13. Watchperson service; Section 01460.
14. Temporary graded aggregate, bituminous concrete, and calcium chloride; Section 01470.

**C. Quality Assurance**

The Engineer will inspect all materials furnished by the Contractor for maintenance of traffic to ensure compliance with the Contract Documents. However, the inspection, or the lack thereof, by the Engineer shall in no way relieve the Contractor of his responsibility to provide for the maintenance of traffic in accordance with the Contract Documents.

**D. Submittals**

The Contractor shall submit a Traffic Control Plan (TCP) as outlined in Section 01411 for all work within any obstruction of and/or crossing of any public right-of-way or any private drive, access road, parking lot, or sidewalk.

**01410.02 MATERIALS****A. Materials Furnished by the County**

The County will not furnish any materials for the maintenance of traffic.

**B. Contractor's Options**

Not applicable.

**C. Detailed Material Requirements**

All materials, whether temporary or permanent, shall meet the requirements of the Manual on Uniform Traffic Control Devices and the Contract Documents.

**01410.03 EXECUTION**

The Contractor shall provide for the safe and expeditious movement of all traffic through the project in accordance with the TCP, the Contract Documents, and as directed by the Engineer.

Equipment which is in use and requires temporary storage within the limits of the project and materials stored or stockpiled on the project site shall be placed in a location which shall not be hazardous to the traveling public and as approved by the Engineer.

All vehicles and all construction equipment entering or leaving the project site and/or work area must follow the traffic flow pattern as established by the Traffic Control Plan.

All construction operations shall be performed in the normal direction of traffic flow unless written permission is obtained from the Engineer prior to the commencement of such work. Work performed and equipment moving against the normal traffic flow pattern is strictly prohibited unless a written exception is granted by the Engineer.

**01410.04 METHOD OF MEASUREMENT**

Maintenance of traffic will not be measured but will be paid for at the lump sum price bid. If additional bid items for maintenance of traffic are provided in the Proposal, the method of measurement will be in accordance with the pertinent specification section.

**01410.05 BASIS OF PAYMENT****A. General**

1. All work incidental to maintenance of traffic, inclusive of traffic managers and flaggers; the relocating, maintaining, and removal of existing traffic signs and other traffic control devices; and implementation of a Traffic Control Plan will be paid for at the price bid for maintenance of traffic. The price bid shall include furnishing all materials, tools, labor, equipment, and work of any kind incidental to this item, except when otherwise specifically included in the Proposal as a bid item.
2. Payment will be made for contingent items when ordered by the Engineer. Payment will be as specified in Sections 02951, 02952, 02953, 02954, 02955, 02956, and 02957.

**B. Maintenance of Traffic**

1. If additional items for maintenance of traffic are included in the Proposal, the basis of payment will be in accordance with the pertinent specification.
2. If an item for maintenance of traffic does not appear in the Contract Documents refer to Section GP-5.09, Maintenance of Work During Construction for basis of payment.

**C. Temporary Roads**

The material necessary for the construction of temporary or detour roads, the surfacing of temporary roadways, turnouts, etc. will not be included in the item maintenance of traffic but will be paid for at the respective unit prices for excavation and the furnishing and placing of such materials as may be necessary for the construction of such temporary roads. Surfacing and removal of detour roads as shown on the Plans or required in the "Special Provisions" will be measured and paid for at the unit price bid for Class I Excavation.

**D. Temporary Bridges**

When specified, temporary bridges shall be incidental to the Maintenance of Traffic item; and costs of all materials, lumber, piling, hardware, painting, erection, driving piles, carpentry, as well as removal of the temporary bridges, shall be included in the lump sum price bid.