

### FLAGGERS

#### DESCRIPTION

Furnish, relocate, and maintain the flaggers, hats, vests and STOP/SLOW Paddles and any other incidentals necessary to complete the work in accordance with the contract.

#### MATERIALS

Refer to Standard Specifications for Roads and Structures - Division 10:

Item	Section
Flaggers	1089-12

#### CONSTRUCTION METHODS

Provide the services of competent and properly equipped flagger(s) (see Roadway Standard Drawing No. 1150.01) at locations and times for such periods as necessary for the control and protection of vehicular and pedestrian traffic. Use flagging methods that comply with the guidelines in the MUTCD and NCDOT Roadway Standard Drawings.

Flagging operations are not allowed for the convenience of the Contractor's operations. However, if safety issues exist (i.e. sight/stopping site distances) the Engineer may approve the use of flagging operations.

#### MEASUREMENT AND PAYMENT

*Flaggers* will be paid for at the contract lump sum price. Payment for Flaggers will be made on the following schedule:

- 40% of the unit bid upon the first use of flagging on the project.
- 30% of the unit bid when the project is 50% complete.
- 30% of the unit bid when the project is 100% complete.

Pay Item	Pay Unit
Flaggers	Lump Sum

1/27/10

**LAW ENFORCEMENT:**

2-19-09

SPI

**Description**

Furnish Law Enforcement Officers and marked Law Enforcement vehicles to direct traffic in accordance with the contract.

**Construction Methods**

Use uniformed Law Enforcement Officers and marked Law Enforcement vehicles equipped with blue lights mounted on top of the vehicle, and Law Enforcement vehicle emblems to direct or control traffic as required by the plans or by the Engineer.

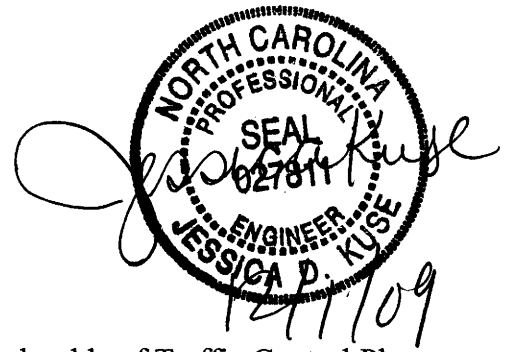
**Measurement and Payment**

Law Enforcement will be measured and paid for in the actual number of hours that each Law Enforcement Officer is provided during the life of the project as approved by the Engineer. There will be no direct payment for marked Law Enforcement vehicles as they are considered incidental to the pay item.

Payment will be made under:

<b>Pay Item</b>	<b>Pay Unit</b>
Law Enforcement	Hour





**TRAFFIC CONTROL SUPERVISOR:**

**Description**

Furnish a Traffic Control Supervisor for the project who is knowledgeable of Traffic Control Plan design, devices and application, and has full authority to ensure traffic is maintained in accordance with the plans and specifications.

**Construction Methods**

The Contractor shall identify a Traffic Control Supervisor for the project that has the following qualifications:

- (A) A minimum 24 months of On-the-Job Training in supervision and work zone set up and implementation.
- (B) Be certified by responsible party (contractor or DOT) to have the required experience and training and is qualified to perform the duties of this position. If certified by the Contractor, a notarized certification letter shall be furnished to the Engineer at the preconstruction meeting. The letter shall state the Traffic Control Supervisor is qualified, and state that the Traffic Control Supervisor has the authority to ensure traffic is maintained in accordance with the contract documents.

The Traffic Control Supervisor for the project shall be capable of performing the following:

- (1) Be available and on call at all times to make any necessary changes in the traffic control operations in a timely manner.
- (2) Coordinate and cooperate with traffic control supervisors of adjacent or overlapping construction projects to insure safe and adequate traffic control is maintained throughout the projects at all times including periods of construction inactivity.
- (3) Coordinate and cooperate with Traffic Management Center personnel in Wake County to ensure proper messages are displayed on the CMSs (Changeable Message Sign) and Dynamic Message Sign (DMS) that guide motorists to designated alternate detour routes.
- (4) Provide traffic control set up that ensures safe traffic operations throughout the construction area.
- (5) Provide traffic control set up that ensures workers' safety throughout the construction area.
- (6) Attend any scheduled meetings as required by the Engineer.

**Measurement and Payment**

There will be no direct payment for the Traffic Control Supervisor as this is considered incidental to the cost of providing traffic control devices to the project.