

TIP# U-3401  
Date:12/07/06  
Revised Date:

**POLICE**

**DESCRIPTION.**

Furnish Police Officers and marked Police Vehicles to direct traffic in accordance with the plans and specifications.

**CONSTRUCTION METHODS.**

Utilize Police Officers who are outfitted with police uniforms.

Utilize marked Police Vehicles, which are equipped with police lights mounted on top of the vehicle, and police vehicle emblems.

Utilize Police Officers and marked Police Vehicles to direct or control traffic as required by the plans or by the Engineer.

**METHOD OF MEASUREMENT.**

The quantity of Police Officers and marked Police Vehicles to be paid for will be the actual number of hours that each Police Officer/marked Police Vehicle is provided during the life of the project as approved by the Engineer.

There will be no direct payment for marked Police Vehicles as they are considered incidental to the pay item in this special provision.

**BASIS OF PAYMENT.**

The quantity of Police Officers and marked Police Vehicles measured as provided above, will be paid for at the contract unit price per hour for "Police".

Payment will be made under:

Police.....Hour

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## TEMPORARY CONCRETE BARRIER DELINEATOR

### DESCRIPTION.

Furnish, install, maintain, and remove Temporary Concrete Barrier Delineator in accordance with the plans and specifications.

### MATERIALS.

#### (A) General:

Provide a Temporary Concrete Barrier Delineator that is constructed of Type VII, VIII or IX Fluorescent Orange retro-reflective sheeting permanently bonded to an aluminum substrate. Provide a delineator that is a minimum of 34 inches in length, 6.00 inches in width with hemmed edges, and has repeating raised lateral ridges every 2.25 inches that are 0.34 inches in height with a 45° profile.

#### (B) Material Qualifications:

Use a Temporary Concrete Barrier Delineator which is on the North Carolina Department of Transportation's Approved Products List or is Traffic-qualified by the Work Zone Traffic Control Unit. For more information on the Traffic-qualification process, contact the Work Zone Traffic Control Unit at Century Center Building B, 1020 Birch Ridge Drive, Raleigh, NC, 27610, (919)250-4159, or see the approved product list on NCDOT web site at: <http://www.ncdot.org/doh/preconstruct/wztc/Apv Prod/apv prod.html>

Furnish a Type 7 Material Certification in accordance with Article 106-3 of the 2006 Standard Specifications for all Temporary Concrete Barrier Delineator.

#### (C) Historical Performance:

Historical performance of the delineator will be used in determining future use of the material by the NCDOT, even if the delineator has been traffic-qualified. Poor past or poor current performance of Concrete Barrier Delineator at any site, whether or not related to a specific contract, may be grounds for non-acceptance of a product on any project under contract.

### CONSTRUCTION METHODS.

(A) Comply with Article 1105-3 of the 2006 Standard Specifications.

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(B) Attach delineators to the portable concrete barrier per manufacturer's instructions utilizing galvanized mounting hardware.

(C) Install delineators to the portable concrete barrier as follows:

- 1) For portable concrete barrier that is placed in a "taper", arrange two (2) delineators end-to-end and center the pair on each portable concrete barrier section.
- 2) For portable concrete barrier that is placed in a barrier "tangent", center one (1) delineator on each concrete barrier section.

**MAINTENANCE.**

Maintain Temporary Concrete Barrier Delineator in accordance with Section 1105-4 of the 2006 Standard Specifications.

**METHOD OF MEASUREMENT.**

The quantity of Temporary Concrete Barrier Delineator to be paid for will be the actual number of delineators which have been satisfactorily installed and accepted by the Engineer.

**BASIS OF PAYMENT.**

The quantity of Temporary Concrete Barrier Delineator, as provided above, will be paid for at the contract unit price each for "Temporary Concrete Barrier Delineator".

Payment will be made under:

Temporary Concrete Barrier Delineator .....Each