

May 14, 2013

**INSTRUCTIONAL BULLETIN NO. 2013-03**

**SUBJECT:** Temporary Barrier Fence for Environmental Boundary

**EFFECTIVE DATE:** March 2013 Letting

**SUPERSEDES:** None

**RE:** None

Use the following pay item on all projects that require an environmental permit:

**New Pay Items:**

**8068301      Temporary Barrier Fence   LF**

For new projects, the Environmental Office will estimate the quantity and will show the location of the fence on the permitted documents. For existing projects, provide an estimated quantity and show the item on the General Construction Note sheet.

Show the pay item and quantity on the Summary of Estimated Quantities sheet and in WebTransport.

See the attached Special Provision for additional details.

James W. Kendall, Jr.  
Preconstruction Support Engineer

JWK:bhl

ec:

Mitchell Metts, Director of Preconstruction

Leland Colvin, Director of Construction

Tony Sheppard, Director of Traffic Engineering

Brian Keys, Asst. Chief Engineer for P, L, & D

Mark Lester, Director of Planning

Matt Lifsey, RP Engineer – Lowcountry

Mike Barbee, RP Engineer – Pee Dee

Randall Young, RP Engineer - Midlands

Tony Fallaw, RP Engineer - Upstate

Randy Williamson, Environmental Engineer

## **SECTION 806: TEMPORARY BARRIER FENCE FOR ENVIRONMENTAL BOUNDARY:**

### **DESCRIPTION**

This work shall consist of furnishing, installing, maintaining, and removal of temporary barrier fence at environmentally sensitive areas, locations shown on the plans, permit, or as directed by the Engineer.

Sections of fence shall be installed prior to any clearing and/or grubbing activities. Unless prior approval is received from the Engineer, failure to install the fence as specified herein will result in stoppage of all operations until the necessary fence is installed.

### **MATERIALS**

Fence shall be pre-constructed orange barrier fence meeting the following requirements:

1. Constructed of polyethylene, polypropylene or a combination of the two
2. Contain a ultraviolet stabilizer or inhibitor
3. Mesh opening : 1 ½" x 1 ½" (Min.) 3" x 3" (Max.)
4. Tensile strength : 180 lbs/ft (Min.)
5. 4' x 100' roll weight : 18 lbs (Min.)

Steel posts are required and shall be a length of at least 6 feet and have a minimum weight of 1.25 lb/ft of length. The steel post shall be equipped with a soil stabilization plate having a minimum area of 14 square inches.

### **CLEARING AND GRUBBING**

No additional clearing and grubbing is anticipated for the installation of this fence; however, if any clearing is required, it will need to occur by hand tools. No mechanized clearing is allowed for fence installation. The fence shall be installed to conform to the general contour of the ground.

### **INSTALLATION AND REMOVAL**

Fence shall be installed along environmentally sensitive areas within project limits as identified on the plans, permit drawings, or as directed by the Engineer. Posts shall be set and maintained in a vertical position and may be hand set or set with a post driver at 8 foot spacing. If hand set, all backfill material shall be thoroughly tamped. The fence fabric shall be attached to the steel posts with wire or other acceptable means.

The Contractor shall be required to maintain the fence in a satisfactory condition for the duration of the project as determined by the Engineer. Upon completion of the project, the fence and all posts shall be removed by the contractor.

### **METHOD OF MEASUREMENT AND PAYMENT**

The quantity of barrier fence to be paid for shall be the actual number of linear feet of fence installed in place and accepted by the Engineer. No direct payment will be made for post and post bracing. The above prices and payments will be considered full compensation for all work covered by this provision.

Payment will be made under:

<b>Item No.</b>	<b>Description</b>	<b>Unit</b>
8068301	TEMPORARY BARRIER FENCE	LF