



South Carolina
Department of Transportation

June 4, 2013

INSTRUCTIONAL BULLETIN NO. 2013-3

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 protection of an environmentally sensitive area:

New Pay Items:

8068301 Temporary Barrier Fence LF

For projects requiring a Corps 404 Permit, the Environmental Management Office (EMO) will estimate the quantity and will show the location of the fence on the permitted documents. (locations will begin to be shown on permit drawings in October 2013 lettings)

For projects with environmentally sensitive areas that need to be protected as identified by EMO additional quantities may be required. The fence boundary may be shown with station offset information in the plans or may be detailed in a special provision.

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

For projects in lettings before October 2013, provide an estimated quantity and show the item on the General Construction Note sheet.

See the attached Special Provision for additional details.


James W. Kendall, Jr.

Preconstruction Support Engineer

JWK:bhl
Attachment
cc:

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:

Item No.	Description	Unit
8068301	TEMPORARY BARRIER FENCE	LF