

SECTION 809

RIGHT OF WAY MARKERS

809.01 Description. This work shall consist of furnishing and installing portland cement concrete land markers or rebar marker caps in accordance with these specifications at the locations and in conformity with the sizes, dimensions, and designs shown on the plans or as directed by the Engineer.

MATERIALS

809.02 Portland Cement Concrete. The portland cement concrete shall conform to the requirements for Class 3000 or better as specified in Section **701** or shall be concrete of equivalent compressive strength with at least 6 bags of cement per cubic yard.

809.03 Reinforcing Steel. Reinforcing steel shall conform to the requirements specified in Subsection **703.02**.

809.04 Marker Caps. Rebar caps used as right of way markers shall be Berntsen International, Inc. RBX6325, 3 1/4 inch, 6000 series, orbital forged aluminum, domed cap, or an approved equal, and shall meet the Department's specifications.

CONSTRUCTION REQUIREMENTS

809.05 General.

A. Concrete Markers. The right of way markers of the dimensions specified shall be precast in approved forms. The letters for creating the lettering as shown on the plans shall be rigidly attached to the forms. When the concrete has set the required time, the forms shall be removed in a manner that is not damaging to the marker lettering. All surfaces shall be finished to a smooth workmanship-like finish by removing the fins and form marks with a carborundum rubbing stone and pointing all holes with mor-

tar. The surface of all such pointed areas shall be made flush with the adjacent surfaces. No further finishing will be required unless necessary to create an acceptable workmanship-like finish. Curing shall be performed as specified in Section **702**.

Right of way markers shall be placed plumb and accurately at the location specified and shall be backfilled with suitable material in layers not exceeding six inches loose measurement. Each layer shall be thoroughly compacted.

B. Rebar Cap. Rebar cap right of way markers shall be installed following the manufacturer's installation instructions where directed by the Engineer. The markers shall be set on 3/4 inch reinforcing steel a minimum of 2 feet in length. The top of the marker shall be set slightly below the ground surface to eliminate conflict with mowing and other maintenance operations.

809.06 Reset Right of Way Markers. When the proposal provides for existing right of way markers to be reset, the Contractor shall remove the existing markers and, if necessary, store, protect and reset them at designated locations as set forth in Subsection **809.05**.

809.07 Method of Measurement. Right of way markers and reset right of way markers will be measured by the number of units installed.

809.08 Basis of Payment. The accepted quantities of right of way markers or reset right of way markers will be paid for at the contract unit price for Right of Way Marker, Right of Way Marker (Rebar Cap), or Reset Right of Way Marker, which price and payment shall include excavation, backfill and all materials, tool, equipment, labor, and incidentals necessary to complete the work.

Payment for each item includes all direct and indirect costs and expenses required to complete the work.

Payment will be made under:

| Item No. | Pay Item | Pay Unit |
|----------|---------------------------------|----------|
| 8091000 | Right of Way Marker | Each |
| 8091010 | Right of Way Marker (Rebar Cap) | Each |
| 8092000 | Reset Right of Way Marker | Each |

SECTION 810

SEEDING

810.01 Description. This work shall consist of seeding, fertilizing, liming when specified, mulching, and applying nitrogen when specified on all areas shown on the plans or where directed by the Engineer all in accordance with these specifications.

The Contractor shall coordinate seeding with the construction of fill and cut slopes. In order to limit the area of erodible material, the Engineer may require that partially completed slopes be brought to the required slope and that the Contractor perform seeding operations at that time.

MATERIALS

810.02 General. The Contractor shall, at the time of delivery, furnish the Engineer invoices of all materials received in order that the application rate of materials may be determined.

810.03 Seed. All seed shall conform to all State laws and to all requirements and regulations of the South Carolina Department of Agriculture.

The several varieties of seed shall be individually packaged or bagged and tagged to show name of seed, net