

ORIGINATION FORM

THE INFORMATION BELOW IS TO BE PROVIDED BY THE ORIGINATOR

(The person who receives or originates the issue and needs to forward the issue for action.)



Modify Specification _____5750000SS_____

Section/File number



New Section _____.

Section number

Subject: Sodding

Origination date: June 20, 2005

Originator: David Sadler, Office of Construction

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Problem statement: Section 570, Turf now incorporates all turf establishment and materials, such as seeding, seeding and mulching, sodding, hydroseeding. There is no longer a need for this Supplemental Specification.

Information source: David Sadler, Office of Construction; David Sumner, Maintenance; Jeff Caster, Environmental Management Office, Frances Thomas, Specifications and the consulting firm of Hatch Mott MacDonald.

Background data: To combine and update like specifications and pay items and to clarify the work involved

Recommended

Usage Note: All Jobs

**Desired
implementation**

date: Beginning with the January 2007 letting.



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
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DENVER J. STUTLER, JR.
SECRETARY

MEMORANDUM

DATE: May 25, 2006
TO: Specification Review Distribution List
FROM: Duane F. Brautigam, P.E., State Specifications Engineer
SUBJECT: Proposed Specifications Change: 5750000 - Sodding

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change to Sodding.

This change was proposed by David Sadler of the State Construction Office to delete this Section since it has now been incorporated into the new Section 570 rewrite.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at SP965DB or duane.brautigam@dot.state.fl.us. Comments received after June 22, 2006 may not be considered. Your input is encouraged.

DFB/ft

Attachment

COMMENTS:

Submitted by:

Phone #:

575—SODDING.

———(REV 1-5-04 ~~049-7-05~~)-(FA 1-8-04) (7-04)

SECTION 575 (of the Supplemental Specifications) is deleted.

**SECTION 575
SODDING**

575-1 Description.

——— Establish a stand of grass within the specified areas, by furnishing and placing sod, and rolling, fertilizing, watering, and maintaining the sodded areas to ensure a healthy stand of grass.

575-2 Materials.

——— Meet the following requirements:

Sod	981-2
Fertilizer, Type I	Section 982
Water	Section 983

575-3 Construction Methods.

——— **575-3.1 Preparation of Ground:** Fertilize at the rate as shown in Section 570. Scarify or loosen the areas requiring sod to a depth of 6 inches [150 mm]. On areas where the soil is sufficiently loose, particularly on shoulders and fill slopes, the Engineer may authorize the elimination of the ground preparation. Limit preparation to those areas that can be sodded within 72 hours after preparation. Prior to sodding, thoroughly water areas and allow water to percolate into the soil. Allow surface moisture to dry before sodding to prevent a muddy soil condition.

——— **575-3.2 Placing Sod:** Place sod immediately after ground preparation. Do not use sod which has been cut for more than 72 hours. Stack all sod that is not planted within 24 hours after cutting and maintain proper moist condition.

——— Do not sod when weather and soil conditions are unsuitable for proper results. Pre-wet the area prior to placing sod. Do not place sod on eroded or washed out sites.

——— Place the sod on the prepared surface, with edges in close contact, and embed it firmly and smoothly by light tamping with appropriate tools.

——— Place the sod to the edge of all the paving and shrub areas and 1 inch [25 mm] below adjoining pavement with an even surface and edge. Place rolled sod parallel with the roadway and cut any exposed netting even with the sod edge.

——— Roll using a lightweight turf roller. Provide a true and even surface without any displacement of the sod or deformation.

——— Where sodding in drainage ditches, stagger the setting of the sod pieces to avoid a continuous seam along the line of flow. Ensure that the offsets of individual strips do not exceed 6 inches [150 mm]. Tamp the outer pieces of sod to produce a feathered edge effect.

——— Peg sod at locations where the sod may slide. Drive pegs through sod blocks into firm earth, at intervals approved by the Engineer.

Remove any sod as directed by the Engineer.

~~575-3.3 Watering:~~ Thoroughly water the sod immediately after placing. Do not water in excess of 1 inch [25 mm] per week for establishment.

~~575-3.4 Maintenance:~~ Maintain the sodded areas in a satisfactory condition until final acceptance of the project. Include in such maintenance the filling, leveling, and repairing of any washed or eroded areas, as may be necessary. The Department will pay for resodding necessary due to factors determined to be beyond the control of the Contractor.

Mow the sodded areas to a height of 6 inches [150 mm] when competing vegetation height exceeds 20 inches [500 mm] in height.

Monitor placed sod for growth of pest plants and noxious weeds. If pest plants and/or noxious weeds manifest themselves within 30 days of placement of the sod, treat affected areas by means acceptable to the Department at no expense to the Department. If pest plants and/or noxious weeds manifest themselves after 30 days from date of placement of sod, the Engineer, at his sole option, will determine if treatment is required and whether or not the Contractor will be compensated for such treatment. If compensation is provided, payment will be made as unforeseeable work as described in 4-4.

575-4 Method of Measurement.

The quantities to be paid for will be for the following items, completed and accepted:

- (1) The area, in square yards [square meters], of sodding.
- (2) The weight, in tons [metric tons], of fertilizer.
- (3) The volume, in thousand gallons [kiloliters], of water.
- (4) The area, in acres [hectares], of mowing.

575-5 Basis of Payment.

Prices and payments will be full compensation for all work and materials specified in this Section, and the satisfactory disposal of excavated material, except the furnishing of the fertilizer, and the furnishing and application of the water.

Fertilizer and water will be paid for as specified in 570-6.

The work and materials for pegging of sod, directed by the Engineer (as provided in 575-3.2), will be paid for as Unforeseeable Work.

Payment will be made under:

- Item No. 104-4 Mowing per acre.
- Item No. 2104-4 Mowing per hectare.
- Item No. 570-5 Fertilizer per ton.
- Item No. 2570-5 Fertilizer per metric ton.
- Item No. 570-9 Water for Grassing per thousand gallons.
- Item No. 2570-9 Water for Grassing per kiloliter.
- Item No. 575-1 Sodding per square yard.
- Item No. 2575-1 Sodding per square meter.