



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

DENVER J. STUTLER, JR.
SECRETARY

November 16, 2006

Mr. Greg Williams
Program Operations Engineer
Federal Highway Administration
545 John Knox Road, Suite 200
Tallahassee, Florida 32303

Re: Office of Design, Specifications
Section 104
Proposed Specification: 1040702 Prevention, Control, and Abatement of Erosion and
Water Pollution – Mowing.

Dear Mr. Williams:

We are submitting, for your approval, two copies of a proposed Supplemental Specification for Prevention, Control, and Abatement of Erosion and Water Pollution – Mowing.

This change was proposed by David Sadler of the State Office of Construction to clarify the use of the 104-4 Mowing pay item in conjunction with the implementation of the new 570 Performance Turf specification.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to SP965DB or duane.brautigam@dot.state.fl.us.

If you have any questions relating to this specification change, please call Duane F. Brautigam, State Specifications Engineer at 414-4110.

Sincerely,

Signature on File

Duane F. Brautigam, P.E.
State Specifications Engineer

DFB/ft

Attachment

cc: General Counsel
Florida Transportation Builders' Assoc.
State Construction Engineer

PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION - MOWING.

(REV ~~8-28-06~~~~11-16-06~~) (~~FA 8-31-06~~) (~~1-07~~)

SUBARTICLE 104-7.2 (of the Supplemental Specifications) is deleted and the following substituted:

104-7.2 Mowing: The Engineer may direct mowing of *designated* areas within the *project* limits ~~of the project, in addition to and apart from those areas specified~~ *when neither the work of in Section 570 nor 580 is included in the Contract.* Mow these designated areas within seven days of receiving such order. Remove and properly dispose of all litter and debris prior to the mowing operation. Use conventional and specialized equipment along with hand labor to mow the entire area including slopes, wet areas, intersections, overpasses and around all appurtenances. Mow all areas to obtain a uniform height of 6 inches, unless directed otherwise by the Engineer.

ARTICLE 104-9 (of the Supplemental Specifications) is deleted and the following substituted:

104-9 Method of Measurement.

When separate items for temporary erosion control features are included in the Contract, the quantities to be paid for will be: (1) the areas, in square yards, of Artificial Coverings; (2) the area, in acres, of Mowing; including litter, debris removal and disposal, equipment, labor, materials and incidentals (*when not included under 570 or 580*); (3) the volume, in cubic yards, of Sandbagging, measured in accordance with 530-4.1; (4) the length, in feet, of Slope Drains (Temporary), measured along the surface of the work constructed; (5) the number of Sediment Basins acceptably constructed; (6) the number of Sediment Basin Cleanouts acceptably accomplished; (7) the length, in feet, of synthetic bales; (8) the length, in feet, of Floating Turbidity Barrier; (9) the length, in feet, of Staked Turbidity Barrier; (10) the length, in feet, of Staked Silt Fence; ~~(11) turf materials in accordance with Section 570-~~ and ~~(12) I~~ the number of Rock Bags acceptably placed.

The quantity of floating turbidity barrier, relocated turbidity barrier, synthetic bales, staked turbidity barrier, and staked silt fence to be paid for will be the total length, in feet, furnished, installed, and accepted at a new location, regardless of whether materials are new or used or relocated from a previous installation on the project.

ARTICLE 104-10 (of the Supplemental Specifications) is deleted and the following substituted:

104-10 Basis of Payment.

Prices and payments will be full compensation for all work specified in this Section, including construction and routine maintenance of temporary erosion control features and for mowing.

Any additional costs resulting from compliance with the requirements of this Section, other than construction, routine maintenance, and removal of temporary erosion

control features and mowing, will be included in the Contract unit prices for the item or items to which such costs are related. The work of Performance Turf designated as a temporary erosion control feature in accordance with 104-6.4.2 will be paid for under the appropriate pay items specified in ~~Section~~ 570 and 580.

Separate payment will not be made for the cost of constructing temporary earth berms along the edges of the roadways to prevent erosion during grading and subsequent operations. The Contractor shall include these costs in the Contract prices for grading items.

Additional temporary erosion control features constructed as directed by the Engineer will be paid for as unforeseeable work.

In case of repeated failure on the part of the Contractor to control erosion, pollution, or siltation, the Engineer reserves the right to employ outside assistance or to use the Department's own forces to provide the necessary corrective measures. Any such costs incurred, including engineering costs, will be charged to the Contractor and appropriate deductions made from the monthly progress estimate.

Payment will be made under:

Item No. 104-	1-	Artificial Coverings - per square yard.
Item No. 104-	4-	Mowing - per acre.
Item No. 104-	5-	Sandbagging - per cubic yard.
Item No. 104-	6-	Slope Drains (Temporary) - per foot.
Item No. 104-	7-	Sediment Basins - each.
Item No. 104-	9-	Sediment Basin Cleanouts - each.
Item No. 104-	10-	Synthetic Bales - per foot
Item No. 104-	11-	Floating Turbidity Barrier - per foot.
Item No. 104-	12-	Staked Turbidity Barrier - per foot.
Item No. 104-	13-	Staked Silt Fence - per foot.
Item No. 104-	16-	Rock Bags - each.

PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION - MOWING.**(REV 11-16-06)**

SUBARTICLE 104-7.2 (of the Supplemental Specifications) is deleted and the following substituted:

104-7.2 Mowing: The Engineer may direct mowing of designated areas within the project limits when neither the work of 570 nor 580 is included in the Contract. Mow these designated areas within seven days of receiving such order. Remove and properly dispose of all litter and debris prior to the mowing operation. Use conventional and specialized equipment along with hand labor to mow the entire area including slopes, wet areas, intersections, overpasses and around all appurtenances. Mow all areas to obtain a uniform height of 6 inches, unless directed otherwise by the Engineer.

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When separate items for temporary erosion control features are included in the Contract, the quantities to be paid for will be: (1) the areas, in square yards, of Artificial Coverings; (2) the area, in acres, of Mowing; including litter, debris removal and disposal, equipment, labor, materials and incidentals (when not included under 570 or 580); (3) the volume, in cubic yards, of Sandbagging, measured in accordance with 530-4.1; (4) the length, in feet, of Slope Drains (Temporary), measured along the surface of the work constructed; (5) the number of Sediment Basins acceptably constructed; (6) the number of Sediment Basin Cleanouts acceptably accomplished; (7) the length, in feet, of synthetic bales; (8) the length, in feet, of Floating Turbidity Barrier; (9) the length, in feet, of Staked Turbidity Barrier; (10) the length, in feet, of Staked Silt Fence and (11) the number of Rock Bags acceptably placed.

The quantity of floating turbidity barrier, relocated turbidity barrier, synthetic bales, staked turbidity barrier, and staked silt fence to be paid for will be the total length, in feet, furnished, installed, and accepted at a new location, regardless of whether materials are new or used or relocated from a previous installation on the project.

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Prices and payments will be full compensation for all work specified in this Section, including construction and routine maintenance of temporary erosion control features and for mowing.

Any additional costs resulting from compliance with the requirements of this Section, other than construction, routine maintenance, and removal of temporary erosion control features and mowing, will be included in the Contract unit prices for the item or items to which such costs are related. The work of Performance Turf designated as a

temporary erosion control feature in accordance with 104-6.4.2 will be paid for under the appropriate pay items specified in 570 and 580.

Separate payment will not be made for the cost of constructing temporary earth berms along the edges of the roadways to prevent erosion during grading and subsequent operations. The Contractor shall include these costs in the Contract prices for grading items.

Additional temporary erosion control features constructed as directed by the Engineer will be paid for as unforeseeable work.

In case of repeated failure on the part of the Contractor to control erosion, pollution, or siltation, the Engineer reserves the right to employ outside assistance or to use the Department's own forces to provide the necessary corrective measures. Any such costs incurred, including engineering costs, will be charged to the Contractor and appropriate deductions made from the monthly progress estimate.

Payment will be made under:

Item No. 104- 1-	Artificial Coverings - per square yard.
Item No. 104- 4-	Mowing - per acre.
Item No. 104- 5-	Sandbagging - per cubic yard.
Item No. 104- 6-	Slope Drains (Temporary) - per foot.
Item No. 104- 7-	Sediment Basins - each.
Item No. 104- 9-	Sediment Basin Cleanouts - each.
Item No. 104- 10-	Synthetic Bales – per foot
Item No. 104- 11-	Floating Turbidity Barrier - per foot.
Item No. 104- 12-	Staked Turbidity Barrier - per foot.
Item No. 104- 13-	Staked Silt Fence - per foot.
Item No. 104- 16-	Rock Bags - each.