



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE KOPELOUSOS
SECRETARY

December 23, 2009

Monica Gourdine
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

Dear Ms. Gourdine:

We are resubmitting, for your approval, two copies of the above referenced Supplemental Specification.

These changes were proposed by Paul Steinman to delete mowing and litter removal from Section 104. Litter removal and mowing will be addressed in Section 107.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to ST986RP or rudy.powell@dot.state.fl.us.

If you have any questions relating to this specification change, please call Rudy Powell, State Specifications Engineer at 414-4280.

Sincerely,

Signature on File

Rudy Powell, Jr., P.E.
State Specifications Engineer

RP/ft
Attachment

cc: Gregory Jones, Chief Civil Litigation
Florida Transportation Builders' Assoc.
State Construction Engineer

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

(REV 8-4-09~~10-14-09~~)

SUBARTICLE 104-7.2 (Page 134) is deleted.

~~**104-7.2 Mowing:** The Engineer may direct mowing of designated areas within the project limits when neither the work of Sections 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.~~

SUBARTICLE 104-9 (Pages 134 and 135) 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 area, in square yards, of Rolled Erosion Control Products; ~~(2) the area, in acres, of Mowing; including litter and debris removal and disposal, equipment, labor, materials and incidentals (when not included under Sections 570 or 580);~~ ~~(3)~~ (2) the length, in feet, of Runoff Control Structures, measured along the surface of the work constructed; ~~(4)~~ (3) the number of Sediment Containment Systems constructed and accepted; ~~(5)~~ (4) the number of Sediment Containment System Cleanouts accomplished and accepted; ~~(6)~~ (5) the length, in feet, of Sediment Barriers; ~~(7)~~ (6) the length, in feet, of Floating Turbidity Barrier; ~~(8)~~ (7) the length, in feet, of Staked Turbidity Barrier; ~~(9)~~ (8) the number of inlet protection systems; ~~(10)~~ (9) the area, in square yards, of chemical treatment. ~~(11)~~ (10) the number of floc logs or drums of product for chemical treatment.

Upon acceptance by the Engineer, the quantity of floating turbidity barriers, sediment barriers, staked turbidity barriers, and inlet protection devices will be paid for regardless of whether materials are new, used, or relocated from a previous installation on the project.

SUBARTICLE 104-10 (Page 135) 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 Sections 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:

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| Item No. 104- 1- | Artificial Coverings/ Rolled Erosion Control Products - per square yard. |
| Item No. 104- 4- | Mowing - per acre. |
| Item No. 104- 6- | Slope Drains (Temporary)/ Runoff Control Structures - per foot. |
| Item No. 104- 7- | Sediment Basins/ Containment Systems - each. |
| Item No. 104- 9- | Sediment Basin/ Containment system Cleanouts - each. |
| Item No. 104- 10- | Sediment Barriers – per foot |
| Item No. 104- 11- | Floating Turbidity Barrier - per foot. |
| Item No. 104- 12- | Staked Turbidity Barrier - per foot. |
| Item No. 104- 18 | Inlet Protection System – each. |
| Item No. 104- 19 | Chemical Treatment – per square yard. |
| Item No. 104 – 20 | Chemical Treatment (floc logs, drums of product) - each. |

PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION.**(REV 10-14-09)**

SUBARTICLE 104-7.2 (Page 134) is deleted.

SUBARTICLE 104-9 (Pages 134 and 135) 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 area, in square yards, of Rolled Erosion Control Products; (2) the length, in feet, of Runoff Control Structures, measured along the surface of the work constructed; (3) the number of Sediment Containment Systems constructed and accepted; (4) the number of Sediment Containment System Cleanouts accomplished and accepted; (5) the length, in feet, of Sediment Barriers; (6) the length, in feet, of Floating Turbidity Barrier; (7) the length, in feet, of Staked Turbidity Barrier; (8) the number of inlet protection systems; (9) the area, in square yards, of chemical treatment.(10) the number of floc logs or drums of product for chemical treatment.

Upon acceptance by the Engineer, the quantity of floating turbidity barriers, sediment barriers, staked turbidity barriers, and inlet protection devices will be paid for regardless of whether materials are new, used, or relocated from a previous installation on the project.

SUBARTICLE 104-10 (Page 135) 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.

Any additional costs resulting from compliance with the requirements of this Section, other than construction, routine maintenance, and removal of temporary erosion control features, 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 Sections 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/ Rolled Erosion Control Products - per square yard.
- Item No. 104- 6- Slope Drains (Temporary)/ Runoff Control Structures - per foot.
- Item No. 104- 7- Sediment Basins/ Containment Systems - each.
- Item No. 104- 9- Sediment Basin/ Containment system Cleanouts - each.
- Item No. 104- 10- Sediment Barriers – per foot
- Item No. 104- 11- Floating Turbidity Barrier - per foot.
- Item No. 104- 12- Staked Turbidity Barrier - per foot.
- Item No. 104- 18 Inlet Protection System – each.
- Item No. 104- 19 Chemical Treatment – per square yard.
- Item No. 104 – 20 Chemical Treatment (floc logs, drums of product) - each.