



Florida Department of Transportation

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JIM BOXOLD
SECRETARY

November 3, 2015

Khoa Nguyen
Director, Office of Technical Services
Federal Highway Administration
3500 Financial Plaza, Suite 400
Tallahassee, Florida 32312

Re: State Specifications Office
Section **514**
Proposed Specification: **5140000 Plastic Filter Fabric (Geotextile)**.

Dear Mr. Nguyen:

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

The changes are proposed by Missy Hollis of the Estimating System Support Office to modify the language to clarify the basis of payment.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to daniel.scheer@dot.state.fl.us.

If you have any questions relating to this specification change, please call me at 414-4130.

Sincerely,

Signature on file

Daniel Scheer, P.E.
State Specifications Engineer

DS/dt
Attachment
cc: Florida Transportation Builders' Assoc.
State Construction Engineer

PLASTIC FILTER FABRIC (GEOTEXTILE)
(REV 9-2111-3-15)

SECTION 514 is deleted and the following substituted:

SECTION 514
PLASTIC FILTER FABRIC (GEOTEXTILE)

514-1 Description.

Install a plastic filter fabric.

514-2 Material.

Meet the plastic filter fabric requirements as specified in Section 985.

514-3 Construction Methods.

514-3.1 General: Place the plastic filter fabric (fabric) in the manner and locations as shown ~~in~~ in the construction drawings Plans, in accordance with the manufacturer's directions, and as specified in these Specifications. Place the fabric on areas with a uniform slope that are reasonably smooth, free from mounds, ~~and~~ windrows, and ~~free of~~ any debris or projections which might damage the fabric.

Loosely lay the material. Do not stretch the material. Replace or repair any fabric damaged or displaced before or during placement of overlying layers to the satisfaction of the Engineer and at no expense to the Department.

When overlapping is necessary, the Contractor may sew the seams to reduce overlaps as specified in 985-3.

Schedule work so that covering the fabric with the specified material does not exceed the manufacturer's recommendations for exposure to ultraviolet light or five days, whichever is less. If the Engineer determines the exposure time was exceeded, the Contractor shall replace the fabric at no expense to the Department.

514-3.2 Subsurface Drainage: When indicated in the Plans, place the fabric with the long dimension parallel to the trench. Place the fabric to provide a minimum 12 inch overlap for each joint. Do not drop the filter material from heights greater than 3 feet.

514-3.3 Stabilization and Reinforcement: Overlap adjacent strips of fabric a minimum of 24 inches.

514-3.4 Riprap Filter: Overlap adjacent strips of fabric a minimum of 24 inches, and anchor them with securing pins (as recommended by the manufacturer) inserted through both strips of fabric along a line through the midpoint of the overlap and to the extent necessary to prevent displacement of the fabric.

Place the fabric so that the upstream (upper) strip of fabric overlaps the downstream (lower) strip.

Stagger vertical laps a minimum of 5 feet. Use full rolls of fabric whenever possible in order to reduce the number of vertical laps.

Do not drop bedding stone or riprap from heights greater than 3 feet onto the fabric.

514-4 Method of Measurement.

When separate payment is indicated in the Plans, ~~The quantity to be paid for included will be the area, in square yards, of plastic filter fabric placed excluding all laps, completed and accepted.~~

When no separate payment for furnishing and placing the plastic filter fabric is contained in the proposal, the Contractor shall include the cost of all work in the Contract price for the item or items to which it is incidental.

514-5.4 Basis of Payment.

~~Price and~~No separate payment will be full compensation made for all the work specified in this Section, including. The cost of furnishing, placing, and sewing or overlapping the fabric will be included in the Contract price for the items to which it is incidental.

Payment will be made under:

Item No. 514-71 Plastic Filter Fabric per square yard.

PLASTIC FILTER FABRIC (GEOTEXTILE)
(REV 11-3-15)

SECTION 514 is deleted and the following substituted:

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PLASTIC FILTER FABRIC (GEOTEXTILE)

514-1 Description.

Install a plastic filter fabric.

514-2 Material.

Meet the plastic filter fabric requirements as specified in Section 985.

514-3 Construction Methods.

514-3.1 General: Place the plastic filter fabric (fabric) in the manner and locations as shown in the Plans, in accordance with the manufacturer's directions, and as specified in these Specifications. Place the fabric on areas with a uniform slope that are reasonably smooth, free from mounds, windrows, and any debris or projections which might damage the fabric.

Loosely lay the material. Do not stretch the material. Replace or repair any fabric damaged or displaced before or during placement of overlying layers to the satisfaction of the Engineer and at no expense to the Department.

When overlapping is necessary, the Contractor may sew the seams to reduce overlaps as specified in 985-3.

Schedule work so that covering the fabric with the specified material does not exceed the manufacturer's recommendations for exposure to ultraviolet light or five days, whichever is less. If the Engineer determines the exposure time was exceeded, the Contractor shall replace the fabric at no expense to the Department.

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Place the fabric so that the upstream (upper) strip of fabric overlaps the downstream (lower) strip.

Stagger vertical laps a minimum of 5 feet. Use full rolls of fabric whenever possible in order to reduce the number of vertical laps.

Do not drop bedding stone or riprap from heights greater than 3 feet onto the fabric.

514-4 Basis of Payment.

No separate payment will be made for the work specified in this Section. The cost of furnishing, placing, and sewing or overlapping the fabric will be included in the Contract price for the items to which it is incidental.