5300102 REVETMENT SYSTEMS
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

▪▪▪

Larry Jones
414-4305
larry.jones@dot.state.fl.us

Comments: (3-19-18, Internal)
Section 514 refers to 985 for material properties, however, 985 does not specify anything for "D-2 filter fabric"; rather, it describes requirements for D-2 Drainage Geotextiles. I suggest Section 530 be left alone and Section 514 be revised to match 530 & 985.

Response:

****

Gene Giambra
813-975-6110
eugene.giambra@dot.state.fl.us

Comments: (4-19-18
This comment is in reference to "All Jobs" located at the top right corner. If All Jobs pertains to user notes it should be removed, use only when required on projects.

Response:
.

****

Karen Byram
414-4353
karen.byram@dot.state.fl.us

Comments: (4-19-18)
Geotextiles are available in multiple grades. I don't see a reference in this specification or S514 that identifies which grade to use. Shouldn't that be include in this specification or S514?

Response:

****

Teri Krock
706-693-1726
T.Krock@tencategeo.com

Comments: (5-3-18)

SECTION 514
~~PLASTIC~~ GEOTEXTILE FILTER FABRIC (GEOTEXTILE)

514-1 Description.

Install a ~~plastic~~ geotextile filter fabric.

514-2 Material.

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

514-3 Construction Methods.

514-3.1 General: Place the ~~plastic~~ geotextile 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~~ geotextile on areas with a uniform slope that are reasonably smooth, free from mounds, windrows, and any debris or projections which might damage the ~~fabric~~geotextile.

Loosely lay the material. Do not over-stretch the material. Replace or repair any ~~fabric~~ geotextile 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~~ geotextile with the long dimension parallel to the trench. Place the ~~fabric~~ geotextile to provide a minimum 12-inch overlap for each joint. Do not drop the ~~filter~~ geotextile, ~~or fill~~ materials placed on the geotextile from heights greater than 3 feet.

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

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

Place the ~~fabric~~ geotextile 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~~ geotextile 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~~geotextile.

================================ Section Break (Next Page) ================================

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~~ geotextile will be included in the Contract price for the items to which it is incidental.

Response:

****