



## *Florida Department of Transportation*

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### **MEMORANDUM**

**DATE:** November 5, 2015

**TO:** Specification Review Distribution List

**FROM:** Daniel Scheer, P.E., State Specifications Engineer

**SUBJECT:** Proposed Specification: **5710300 Plastic Erosion Mat.**

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

This change was proposed by Amy Tootle of the State Construction Office to require all construction-related documentation to be submitted by electronic means for consistency with the State Construction Office e-Construction initiative.

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 online at <http://www2.dot.state.fl.us/ProgramManagement/Development/IndustryReview.aspx> . Comments received after **December 3, 2015**, may not be considered. Your input is encouraged.

DS/dt  
Attachment

**PLASTIC EROSION MAT.  
(REV 10-26-15)**

ARTICLE 571-3 is deleted and the following substituted:

**571-3 Installation of Plastic Erosion Mat.**

Before installing the plastic erosion mat, ~~furnish~~ submit to the Engineer ~~two~~ certified ~~copies of the~~ test reports from the manufacturer certifying that the geotextile to be incorporated into this project meets the requirements of Section 985. Also, ~~provide~~ submit ~~two copies of~~ the manufacturer's written installation instructions.

Install a plastic erosion mat of uniform thickness, not less than 1/4 inch or more than 3/4 inch on the prepared soil surface in accordance with these Specifications, the manufacturer's recommendations and in conformity with the lines, grades and dimensions as shown in the Plans. Ensure that all joints are shingle lapped such that the bottom of each section fits over the top of the section below to prevent uplift of the ends or edges by water flow. Overlap ends of adjacent rolls a minimum of 3 feet. Overlap edges of adjacent rolls a minimum of 4 inches. Stake all edges at 3 to 5 feet intervals with staples as recommended by the manufacturer unless otherwise directed by the Engineer. Ensure that overlaps and anchor trenches are in conformance with the Plans and the manufacturer's installation recommendations.

Ensure that after installation there are no protrusions, projections or exposures of the plastic erosion mat. Do not compact the installed plastic erosion mat with any type of equipment employing a foot or grid.

The Engineer will reject any material having defects, tears, punctures, flaws, deterioration or other damage before, during or after installation. Remove and replace all rejected plastic erosion mat at no additional expense to the Department.

Fill all voids in the mat with soil meeting the requirements of Section 987. Establish performance turf meeting the requirements of Section 570.