ORIGINATION FORM -

Proposed Revisions to a Standard Plans Index

(Please provide all information — Incomplete forms will be returned)

Contact Information:

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Summary of the changes:

Standard Plans:

Index Number: 455-400 Sheet Number (s): 1 of 4

Index Title: Precast Concrete Sheet Pile Wall

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(Conventional)

Sheet 1: Changed the "PLASTIC FILTER FRABRIC" Note in the SHEET PILE DESIGN CRITERIA AND NOTES to "GEOTEXTILE: Provide and install Type D-2 or D-3 geotextile in accordance with Specifications 514. Extend the geotextile to the bottom of the "X" dimension."; Changed all references of "Filter Fabric" or "Plastic Filter Fabric" to "Geotextile".

Areas of the Standard Plans where 985 is referenced for drainage details needs to now reference Specs 514 (Division II specs). The Contractor is not responsible for the producer requirements division III specs, but ensure that the product used is on the APL and used for appropriate intended use. Specs 514 essentially does reference 985 to meet the materials requirement.

Commentary / Background:

In the July 2022 SSRBC workbook, construction requirements for the Contractor for geosynthetic materials from Section 985 was removed. The reason for it was that the construction requirements doesn't belong in Division III of the specifications, as this is for producer requirements. Instead of applying specific requirements to each individual specs that references 985 in Division II, the Department is going to modify specification 514 to cover geosynthetics used for drainage applications. Specs 145 covers the reinforcement (structural) applications and construction requirements and erosion control has specific requirements in various areas of Division II, therefore, both erosion and reinforcement are covered. The only missing link in Division II is the drainage applications. Proposed changes to 514 cover construction requirements and material acceptance. In addition, specs 514 ensures that the Contractor obtains geosynthetic product from a manufacturer that meets 985 spec requirements.

Other Affected Offices / Documents: (Provide name of person contacted)

Yes	No		
	\checkmark	Other Standard Plans –	
	\checkmark	FDOT Design Manual –	
	\checkmark	Basis of Estimates Manual –	
\checkmark		Standard Specifications – Various sections where 985 is referenced.	
	\checkmark	Approved Product List –	
	\checkmark	Construction –	
	\checkmark	Maintenance –	
Origination Package Includes: (Submit package to Rick Jenkins)			Implementation:
Yes	N/A	A.	Design Bulletin (Interim)
	\checkmark	Redline Mark-ups	☐ DCE Memo
		Revised or Proposed Standard Plan Instruction (SPI)	Program Mgmt. Bulletin
	\checkmark	Other Support Documents	FY-Standard Plans (Next Release)

Contact the Roadway Design Office for assistance in completing this form



