

## ORIGINATION FORM

Date: October 22, 2012

Originator: Ben Watson

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Specification Title: Retaining Wall Systems

Specification Section, Article, or Subarticle Number: 548-7.1

Why does the existing language need to be changed? The structural integrity of the Retaining Wall System is based on the assumption that required density is obtained over the reinforcement that extends into the backfill. Reduced testing increases the chance that minimum compaction efforts have not been met.

Summary of the changes: Correct Section 548 by removing allowance for Reduced Frequency Testing. This was inadvertently allowed in a previous version of the Specifications.

Are these changes applicable to all Department jobs? Yes

If not, what are the restrictions?

Will these changes result in an increase or decrease in project costs? No change

If yes, what is the estimated change in costs?

With who have you discussed these changes? Geotechnical(Design, Construction, & Materials) District Earthwork Coordinators.

What other offices will be impacted by these changes? Construction

Are changes needed to the PPM, Design Standards, SDG, CPAM or other manual? No

Is a Design Bulletin, Construction Memo, or Estimates Bulletin needed? No

Contact the State Specifications Office for assistance in completing this form.

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**ANANTH PRASAD, P.E.**  
SECRETARY

**MEMORANDUM**

**DATE:** October 30, 2012  
**TO:** Specification Review Distribution List  
**FROM:** Trey Tillander, State Specifications Engineer  
**SUBJECT:** Proposed Specification: **5480901 Retaining Wall Systems.**

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

This change was proposed by Ben Watson of the State Materials Office to require that density is obtained over the reinforcement that extends into the backfill. Reduced testing increases the chance that minimum compaction efforts have not been met.

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 to my attention via e-mail at SP965TT or [trey.tillander@dot.state.fl.us](mailto:trey.tillander@dot.state.fl.us). Comments received after **November 27, 2012**, may not be considered. Your input is encouraged.

TT/cah  
Attachment

5480901  
All Jobs

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**RETAINING WALL SYSTEMS.**  
**(REV 10-22-12)**

SUBARTICLE 548-9.1 (Page 714) is deleted and the following substituted:

**548-9.1 General Requirements:** Meet the requirements of 120-10 except delete the requirement of 120-10.1.4.1, 120-10.1.4.3, ~~120-10.1.6~~ 120-10.2 and 120-10.3.

**Comment [r1]:** Section 120-10.1.6 (Reference to Reduced frequency testing) was inadvertently removed from 548. Reduced Frequency should not apply to MSE Wall backfill