



# Florida Department of Transportation

JEB BUSH  
GOVERNOR

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DENVER J. STUTLER, JR.  
SECRETARY

November 15, 2005

Mr. Donald Davis  
Program Operations Engineer  
Federal Highway Administration  
545 John Knox Road, Suite 200  
Tallahassee, Florida 32303

Re: Office of Design, Specifications  
Section 548  
Proposed Specification: 5480100-Retaining Wall Systems

Dear Mr. Davis:

We are submitting, for your approval, two copies of a proposed Supplemental Specification for Retaining Wall Systems.

This change was proposed by Robert Robertson of the State Structures Office to list retaining walls on the QPL.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to SP965DB or [duane.brautigam@dot.state.fl.us](mailto:duane.brautigam@dot.state.fl.us).

If you have any questions relating to this specification change, please call Duane F. Brautigam, State Specifications Engineer at 414-4110.

Sincerely,

Duane F. Brautigam, P.E.  
State Specifications Engineer

DFB/sh

Attachment

cc: General Counsel  
Florida Transportation Builders' Assoc.  
State Construction Engineer

**548—RETAINING WALL SYSTEMS.**

~~(REV 12-1-039-16-05) (FA 12-22-03) (7-04)~~

~~SECTION~~~~SUBARTICLE~~ 548-1 (Pages 616-~~623~~) is deleted and the following substituted:

**548-1 Description.**

Construct permanent and temporary retaining wall systems in accordance with this Section and in conformance with the lines, grades, design, and dimensions shown in the Contract Documents or established by the Engineer. ~~The wall system chosen must be included in the Design Standards and listed as an alternate in the Contract Documents.~~ *Unless otherwise noted in the plans, provide a wall system listed on the Qualified Products List (QPL) based on the FDOT Wall Type shown in the plans.* Sheet pile walls and Cast-In-Place walls are not included in this Specification. All other wall systems used to cut back existing slopes are paid for under the same pay item numbers shown in the Basis of Payment Article of this Specification. Construct all walls of a specific type (MSE (Mechanically Stabilized Earth), counterfort, etc) using the same wall system and supplier. If different types of wall systems must be used in a manner that causes one wall to interact with or influence another wall, coordinate the detailing of these areas of interaction/influence with the assistance of the ~~Specialty Engineer~~*Contractor's Engineer of Record.*

Obtain Precast Concrete Wall System from a manufacturing plant that is currently on the Department's list of qualified precast concrete plants. Provide written certification from the manufacturer of the Wall System that it meets the requirements of this Section.

Ensure that each Wall System Component is permanently and legibly marked by etching on the back of each panel, the panel number or type, project number (when applicable), date cast and manufacturer's name or symbol.

Ensure that each shipment of products to the job site includes a list of products shipped and the required written certification statement for each product. Provide this list and certification(s) to the Engineer.