



## Florida Department of Transportation

JEB BUSH  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

JOSÉ ABREU  
SECRETARY

June 13, 2005

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

Re: Office of Design, Specifications  
Section 901  
Proposed Specification: 9010402.D01-Coarse Aggregate

Dear Mr. Davis:

We are submitting, for your approval, two copies of a proposed Supplemental Specification for Coarse Aggregate.

This change was proposed by Michael Bergin of the State Materials Office to specify AASHTO gradation requirements and to include nonstructural concrete applications.

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,

Signature on file

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

DFB/sh

Attachment

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

**COARSE AGGREGATES.**  
(REV 4-25-056-8-05)

SUBARTICLE 901-4.2 (Page 774) is deleted and the following substituted:

**901-4.2 Lightweight Coarse Aggregate for Structural Concrete:** The requirements of 901-4.1 are modified as follows:

Aggregates shall not be produced from pumice and scoria.

Los Angeles Abrasion (FM 1-T 096, Section 12) shall be 45%, maximum.

*Gradation shall meet the requirements of AASHTO M 195 for 3/4 inch [19 mm], ~~Nominal~~ Size ~~Destination~~ 1/2 inch [13 mm] and 3/8 inch [10 mm].*

ARTICLE 901-5 (Page 774) is deleted and the following substituted:

**901-5 Reclaimed Portland Cement Concrete ~~Pavement~~.**

The reclaimed portland cement concrete ~~pavement~~ shall be from a source which was produced and placed in accordance with applicable Specifications. *This material may be used as the coarse aggregate in Nonstructural Concrete applications.* The material shall be crushed and processed to provide a clean, hard, durable aggregate having a uniform gradation free from adherent coatings, metals, organic matter, base material, joint fillers, and bituminous materials.

The Contractor's (Producer's) crushing operation shall produce an aggregate meeting the applicable gradation requirements. The physical property requirements of 901-1.3 for Soundness shall not apply and the maximum loss as determined by the Los Angeles Abrasion (FM 1-T 096) is changed to 50.

The sources of reclaimed portland cement concrete ~~pavement~~ will be treated as a mine and subject to the requirement of Section 6.

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