



*Florida Department of Transportation*

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KEVIN J. THIBAUT, P.E.  
SECRETARY

January 21, 2020

**MATERIALS BULLETIN NO. 20-03**

**DCE MEMORANDUM NO. 20-03**

*(FHWA Approved: 1/21/2020)*

**TO: DISTRICT MATERIALS AND RESEARCH ENGINEERS  
DISTRICT CONSTRUCTION ENGINEERS**

**FROM:** Timothy Ruelke P.E., Director, Office of Materials  
Dan L. Hurtado P.E., Director, Office of Construction

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*Tim Ruelke*  
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*Dan Hurtado*  
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**COPIES:** Will Watts, Scott Arnold, Ananth Prasad, Chad Thompson, Patrick Upshaw, Jose Armenteros

**SUBJECT: SUWANNEE AMERICAN CEMENT PLANT (CMT40)**

The Suwannee American Cement Plant in Sumterville, FL is producing a new cement identified as Type IL. Suwanee American Cement Sumterville (CMT40) has established a target of 13% replacement of clinker cement with limestone. This blended cement has been designated as Type IL (13) indicating 13% limestone has been added and is in compliance with AASHTO M240.

The Type IL cement has been tested by Suwanee American Cement Sumterville (CMT40) and verified by the State Materials Office for chemical and physical properties of the cement. The clinker used to produce the currently produced Type I/II cement will continue to be used to produce the Type IL with no other changes to the blended cement. With the approval of the Type IL cement, the Department will accept the Type IL cement as a substitute in currently approved concrete mix designs containing Type I/II cement from Suwanee American Cement Sumterville (CMT40). Any adjustment of mix design components shall follow the requirements of Materials Manual 9.2 Volume II.

The following exceptions to this bulletin will require the standard concrete mix design approval process:

1. Approved mix designs requiring Surface Resistivity Test values of 29 kOhm-cm.
2. Approved Self-Consolidating Concrete (SCC) mix designs.
3. Approved Flowing Concrete mix designs.

This memorandum does not waive any specification requirements and will be in effect until **January 13, 2021.**

Should you have any questions please contact Jose Armenteros, State Materials Office 352-955-6666, or Pat Carlton, State Materials Office 352-955-6676.

TR/ja