



Florida Department of Transportation

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GOVERNOR

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KEVIN J. THIBAUT, P.E.
SECRETARY

February 18, 2020

This Memo has expired

MATERIALS BULLETIN NO. 20-04
DCE MEMORANDUM NO. 20-04
(FHWA Approved: 2/18/2020)

**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

COPIES: Will Watts, Scott Arnold, Ananth Prasad, Chad Thompson, Patrick Upshaw, Jose Armenteros

SUBJECT: ARGOS CEMENT – NEWBERRY, FL (CMT09)

In order to prevent concrete placement delays on ongoing construction projects due to the shortage of Type IL (10) cement from the Argos Cement Newberry (CMT09) cement plant, concrete producers may request the Department to implement a modified concrete mix design approval process. This is only applicable for replacing the Argos Cement Newberry (CMT09) Type IL (10) cement incorporated in currently approved concrete mix designs assigned to current projects. The Contractor/Producer assumes all risks involved for ensuring that concrete plastic and hardened properties are in compliance with the specifications at the time of placement.

If the modified concrete mix design approval process is used, the following requirements must be met:

1. Replacement cement shall be either:
 - a. Argos Cement Newberry (CMT09) Type I / II (MH), or;
 - b. An approved Type IL cement from the Cementitious Materials Production Facility Listing.
2. District Materials Office personnel will ensure the replacement concrete mix contains the same component materials and quantities as the replaced concrete mix and only cement substitution is permitted. The new concrete mix must meet the same requirements as the old concrete mix. Adjustments to component weights, due to a difference in specific gravity of the replacement cement chosen, will be permitted as long as the replacement concrete mix

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equals the original concrete mix regarding application and environmental conditions. All materials must be from an approved source.

3. District Materials Office personnel will review and submit the replacement mix design to the State Materials Office following the material substitution procedure found in Materials Manual, Section 9.2, Vol. II.
4. If the cement substitution request is approved, the State Materials Office will assign a new concrete mix design number.
5. Submit to the District Materials Office the 28-day compressive strength results from the first job-site placement of the new concrete mix design, for each project. District Materials Office personnel will submit the 28-day compressive strength results to the State Materials Office.

This memorandum does not waive any specification requirements and is in effect until **March 17, 2020**.

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

TR/ja