



Florida Department of Transportation

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SECRETARY

March 1, 2021

MATERIALS BULLETIN NO. 21-03
DCE MEMORANDUM NO, 21-04
FHWA APPROVAL (02/22/2021)

This Memo has expired

**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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Timothy J Ruelke
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COPIES: Will Watts, Scott Arnold, Ananth Prasad, Chad Thompson, Patrick Upshaw, Jose Armenteros

SUBJECT: TITAN – MEDLEY, FL (CMT23)

To prevent concrete placement delays on ongoing construction projects due to the shortage of cement from the Titan – Medley, FL (CMT23) cement plant, concrete producers may request the Department to implement a modified concrete mix design approval process. This is only applicable for replacing the Titan – Medley, FL (CMT23) 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 comply with the specifications at the time of placement.

The modified concrete mix shall meet the following requirements:

1. Replacement cement shall be of the same type as the original cement (e.g., Type II (MH) may only be replaced by Type II (MH)).
2. District Materials Office personnel will ensure the new concrete mix contains the same component materials and quantities as the original concrete mix. Only cement substitution is permitted.
3. District Materials Office personnel will review and submit the new 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.

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This memorandum does not waive any specification requirements but simply allows an expedient means to approve concrete mix designs. It is in effect until **March 29, 2021**. After that date, the normal mix design approval process will be in effect.

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