



*Florida Department of Transportation*

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JARED W. PERDUE, P.E.  
SECRETARY

October 2, 2023

Khoa Nguyen  
Director, Office of Technical Services  
Federal Highway Administration  
3500 Financial Plaza, Suite 400  
Tallahassee, Florida 32312

Re: State Specifications Office  
Section: 346  
Proposed Specification: **3460705 Structural Portland Cement Concrete.**

Dear Mr. Nguyen:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

The changes are proposed by Alan McMillan to explicitly exempt concrete slab replacement mix design from hot weather verification for mix design approval.

Please review and transmit your comments, if any, within two weeks (10 business days). Comments should be sent via email [daniel.strickland@dot.state.fl.us](mailto:daniel.strickland@dot.state.fl.us).

If you have any questions relating to this specification change, please call me at (850) 414-4130.

Sincerely,

Daniel Strickland, P.E.  
State Specifications Engineer

DS/jb  
Attachment  
cc: Florida Transportation Builders' Assoc.  
State Construction Engineer

**STRUCTURAL PORTLAND CEMENT CONCRETE**  
**(REV 7-10-23)**

SUBARTICLE 346-7.5 is deleted and the following is substituted:

**346-7.5 Concreting in Hot Weather:** Hot weather concreting is defined as the production, placing and curing of concrete when the concrete temperature at placing exceeds 85°F but is 100°F or less.

Unless the specified hot weather concreting measures are in effect, reject concrete exceeding 85°F at the time of placement. Concrete pavement slab replacement mix designs are exempt from this requirement. Regardless of special measures taken, reject concrete exceeding 100°F. Predict the concrete temperatures at placement time and implement hot weather measures to avoid production shutdown.

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