



Florida Department of Transportation

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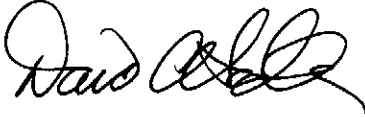
STEPHANIE KOPELOUSOS
SECRETARY

March 5, 2010

This Memo Has Expired

DCE MEMORANDUM 02-10
(FHWA Approved: 3/10/10)

TO: DISTRICT CONSTRUCTION ENGINEERS

FROM: David A. Sadler, Director, Office of Construction 

COPIES: Robert Robertson, Tom Malerk, Tim Lattner, Chris Richter, Ann Allshouse, Brian Blanchard, Bob Bureson, Paul Steinman

SUBJECT: IMPLEMENTATION OF RECENT SPECIFICATION 346 REVISIONS ON EXISTING PROJECTS AND THOSE LET PRIOR TO JULY 2010

Specification 346 recently underwent a number of revisions that will improve the Contractor's ability to adjust the consistency of concrete which will make it easier to control, pump and place. The improved consistency should result in fewer defects in concrete components as well as less rejected concrete. The revised version is due to be implemented for projects let after July of 2010 and can be viewed at the following link:

<http://www.dot.state.fl.us/specificationoffice/Implemented/WorkBooks/History/Jul10/Default.shtm>

The concrete consistency adjustment benefits will happen as a result of eliminating the requirement to supply concrete that falls within the target slump range (plus or minus 3/4") and which does not permit the addition of water. Under the revised 346, the slump will only have to fall within the tolerance range (plus or minus 1.5") and unlike the current specification, the revised specification will permit the addition of water if the initial slump is anywhere within the tolerance range. Though water addition restrictions have been reduced in the revised 346, the maximum Water/Cement Ratio remains the same and must not be exceeded. The revised specification also states that if a plastic properties test (slump, air, temp, etc.) fails resulting in rejection of the concrete, but the Contractor places the concrete anyway, then there will be a mandatory price reduction of the entire truck load of concrete.

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By authority of this memorandum, Contractor's of existing projects as well as Contractor's of projects let prior to July 2010 may request of the Department that the latest revised 346 specification in its entirety be substituted for the version in their Contract Documents. Substitution of parts of the revised 346 will not be permitted. Further, this memorandum serves as a blanket approval to process the substitution as a no cost specification revision and shall be attached to the work order or supplemental agreement required for its processing.

For questions or discussion of this matter, contact Steven Plotkin at (904) 360-5501 or Mike Bergin at (352) 955-6666.

DS/pbw