



## *Florida Department of Transportation*

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**MATERIALS BULLETIN NO. 06-08**

**DCE MEMORANDUM NO. 14-08**

**(FHWA Approved: 05/01/08)**

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

**FROM: Thomas O. Malerk, P.E., Director, Office of Materials  
Brian A. Blanchard, P.E., Director, Office of Construction**

**COPIES: Richard Kessler, Michael Bergin, Rafiq Dariji**

**SUBJECT: CLARIFICATION OF USE OF COMPRESSIVE STRENGTH RESULTS TO  
DETERMINE FORM REMOVAL**

The State Materials Office and the Office of Construction have submitted a revision for Specifications Article 400-14 to State Specifications Office for Industry Review. The purpose of the revision is to clarify the requirements when a contractor elects to use a curing time curve instead of compressive strength results to determine when he can remove forms on a project. The revision indicates that the contractor is to use at least three data points to develop his curve. Each of those data points represents the average to two compressive strength cylinder tests determined at different curing times. The contractor will include one data point prior to his intended form removal as part of the three point curve. Based on this curve, when the curing time indicates sufficient compressive strength to remove the forms, the contractor may do so. If the ambient temperature varies by more than 15° F from when the curve was developed, the contractor must create a new curve for the new temperature range.

This memorandum serves as a blanket approval to process a \$0.00 specification change to on-going projects and should be attached to the Work Order or Supplemental Agreement accomplishing this change.

If you have any questions, please contact Mike Bergin in the State Materials Office at (352) 955-6666 or Steve Plotkin in the State Construction Office at (904) 360-5501.

TOM/BAB/mb