



# Florida Department of Transportation

JEB BUSH  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

DENVER J. STUTLER, JR.  
SECRETARY

December 7, 2006

**\*\* Expired \*\***

**DCE MEMORANDUM NO.: 25-06**  
**MATERIALS BULLETIN NO.: 11-06**  
**(FHWA Approved: 12-7-06)**

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

**FROM:** Brian Blanchard, Director, Office of Construction  
Tom Malerk, P.E., Director Office of Materials

**Copies:** David Sadler, Mike Bergin, Robert Robertson, Jeff Pouliotte, Larry Jones, David Horhota, Sastry Putcha

**SUBJECT: REVISIONS TO 346 CLASS IV REQUIREMENTS TO DRILLED SHAFTS**

To facilitate improved concrete workability during the installation of drilled shafts, the following changes are being initiated to 346 specifications. In the interim, until these changes are in the Specifications, a no cost change order may be initiated by the Department to implement these changes.

346-3.1 Table 2, Target Slump for class IV drilled shaft concrete is increased from 8 inches to 8.5 inches

346-3.2 Ensure that drilled shaft concrete has a slump between 7.5 inches and 9.5 inches [190 mm and 240 mm] when placed and maintains a slump of 4 inches [100 mm] or more throughout the drilled shaft concrete elapsed time.

**DCE MEMORANDUM NO.: 25-06**  
**MATERIALS BULLETIN NO.: 11-06**  
December 7, 2006  
Page 2

346-6.4 Meet the following tolerances from target values for plastic concrete properties specified in 346-3.1:

	Target Range	Tolerance
Slump (Drilled Shaft Concrete)	± 1.0 inch [±25 mm]	± 1.5 inch [±40 mm]

346-3.2 Drilled Shaft Concrete: When drilled shaft concrete is placed in any wet shaft, provide concrete in accordance with the following specified slump loss requirements.

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

If you have any further questions, please feel free to contact Mike Bergin at 850-955-6666 or Sastry Putcha at 850-414-4148.

BM/bpw