



# Florida Department of Transportation

JEB BUSH  
GOVERNOR

State Materials Office  
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THOMAS F. BARRY, JR.  
SECRETARY

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**THIS MEMO HAS EXPIRED**

**MATERIALS BULLETIN NO. MB 05-02**  
**DCE MEMORANDUM NO. 19-02**

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

FROM: Thomas O. Malerk, P.E., State Materials Engineer  
Gregory A. Xanders, P.E., State Construction Engineer

SUBJECT: **SUBSTITUTION TO A HIGHER CLASS OF CONCRETE**

Substitution of Class V special (micro-silica) 6000 psi concrete will not be permitted unless the substituted design mix is less than or equal to 1000 coulombs at 28 days, when tested in accordance with AASHTO T-277. This class of concrete is specifically designed to protect the substructure of bridges in severely aggressive environments and may not be substituted unless the coulomb requirements are met.

Questions pertaining to this Materials Bulletin should be directed to Michael Bergin at [michael.bergin@dot.state.fl.us](mailto:michael.bergin@dot.state.fl.us) SC 642-3248, or (352) 337-3248.

TM/GX/mb