



## Florida Department of Transportation

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**MATERIALS BULLETIN NO. 10-16**

**DCE MEMORANDUM NO. 14-16**

*(FHWA Approved: 10/10/2016)*

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

**FROM:** Timothy J. Ruelke, P.E., Director, Office of Materials  
David A. Sadler, P.E., Director, Office of Construction

**COPIES:** Amy Tootle, Phillip Gainer, Bob Burleson, Nick Finch, Rafiq Darji, Jim Warren, Richard Temple

**SUBJECT:** MATERIALS ACCEPTANCE AND CERTIFICATION SYSTEM (MAC)  
SOILS/EARTHWORK INFORMATION

The Materials Acceptance and Certification system (MAC), was implemented on October 10, 2016. There were some last minute revisions to the Soils sample requirements. This memorandum summarizes those revisions.

1. Pit Proctor Sample Reporting
  - a. Quality Control (QC) will report their Pit Proctor values into MAC for every two Independent Verification (IV) samples. This will provide a formal notification as required in *Specification 200-7.2.3* and be used by Project Administrators to create comparison packages with the IV samples.
2. Proctor/LBR Samples – Proctor/LBR Curves
  - a. An enhancement will be processed to address the MAC programming that is currently generating inadequate Proctor/LBR curves. In the meantime, any samples that have test definitions FM 1-T 180, AASHTO T 99 or FM 5-515 should include a Proctor/LBR curve generated outside of MAC. This must be uploaded to the documents tab in the corresponding sample.
3. Creating Comparison Packages for Specification 160
  - a. Project Administrators must first create the comparison package for Verification's (VT's) split Proctor sample (including associated samples) before creating a comparison package for VT's independent LBR sample. The independent LBR sample can then be compared to the QC's remaining original sample. The order in which the comparison package is performed is critical.

Should you have any questions, please contact Dino Jameson, State Materials Office at 352-955-2933.

TR/DJ/dj