



## Florida Department of Transportation

JEB BUSH  
GOVERNOR

State Materials Office  
2006 NE Waldo Road, Gainesville, FL 32609  
Phone (352) 337-3100, Fax (352) 337-3168

JOSÉ ABREU  
SECRETARY

April 21, 2003

**MATERIALS BULLETIN NO. 01-03**  
**DCE MEMORANDUM NO. 15-03**


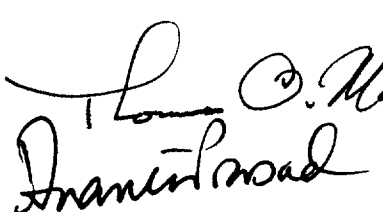
**This Memo Has Expired**

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

**FROM:** Thomas O. Malerk, P.E., State Materials Engineer  
Ananth Prasad, P. E., State Construction Engineer

**COPIES:** Florida Transportation Builders' Association, Precast Concrete Structures  
Association, Florida Concrete Pipe Institute

**SUBJECT** PRECAST CONCRETE PIPE AND PRECAST CONCRETE DRAINAGE  
STRUCTURES



The following modifications are applicable to the requirements of the Materials Manual and other contract documents of the projects that are let after January 1, 2003:

1. Implementation of the plants' Quality Control Plans:

The Quality Control Plan approval process of the Precast Concrete Pipes and Precast Concrete Drainage Structures are extended until April 30, 2003. For the Contracts that are let from January through April 2003, the Contractors are allowed to select their manufacturing plants from any list of the qualified plants that are available on the Department's list of the qualified precast concrete pipes and precast concrete drainage structures plants. This includes the list that is available for projects that are let prior to January 2003. After April 30, 2003, all plants will be required to have approved Quality Control Plans, unless they are manufacturing for the projects that have been let prior to January 1, 2003.

2. Specific Changes to the requirements of Section 6.2 of the Materials Manual:

(1) Section 6.2.7.2 – The ACI certification requirement for the Pipe Plant's QC Managers is deleted. The sentence is modified to read: "The QCM shall have at least two years of related experience in the QC inspection and testing."

(2) Section 6.2.7.9.1 - The second sentence of the second paragraph, related to the LOT size, is modified and expanded to read: "The QC inspectors shall obtain randomly selected samples from each LOT. A LOT is defined as the greater of one day's production or 300 sections of Pipes. All Pipes in a LOT shall be produced within a 30-day time period. If a LOT is composed of Pipes with different strength requirements, the highest strength requirement will be applicable for the acceptance of all Pipes in the LOT. During the annual Plant Qualification Reviews, the Manufacturer shall provide test data representing samples of all Pipe sizes that are manufactured during the preceding year."

(3) Section 6.2.7.9.1, item No. (4) of the last Paragraph - Item No. (4) is changed to read: A list of all Pipes in the shipment and the Plant's certification statement covering each of the Pipes.

(4) Section 6.2.8 - The frequency of the Verification Inspections and testing are changed from monthly to at least quarterly inspections and testing.

3. Specific Changes to the requirements of Section 6.3 of the Materials Manual:

(1) Section 6.3.8 - The frequency of the Verification Inspections and testing are changed from monthly to at least quarterly inspections and testing.

The above changes to the implementation of the approval of the plants' Quality Control Plans and the modifications of October 25, 2002 version of Sections 6.2 and 6.3 of the Materials Manual are applicable to all projects that are let after January 1, 2003.

TOM/AP: gm