



Florida Department of Transportation

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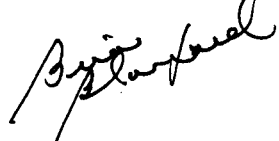
STEPHANIE KOPELOUSOS
SECRETARY

October 31, 2007

DCE MEMORANDUM NO. 21-07
(F.A. Approved: 10-30-07)

This Memo Has Expired

TO: DISTRICT CONSTRUCTION ENGINEERS

FROM: Brian Blanchard, Director, Office of Construction 

COPIES: David Sadler, Rick Reena, Greg Williams (FHWA), Bob Burleson (FTBA)

SUBJECT: CONCRETE PIPE GASKETS

This memo is issued to allow ASTM C 443 certifications for concrete pipe gaskets.

Currently, FDOT Specifications, Section 942, requires round rubber gaskets to meet the requirements of ASTM C 361. ASTM C 361 is a pressure pipe specification that requires unnecessary additional tensile strength and cost. However, ASTM C 443 is a gravity pipe specification and is acceptable.

Please process a \$0.00 specification change for **contracts let prior to July 2008** to delete Sections 942-1 and 942-4 and replace with the following:

942-1 Round Rubber Gaskets for Pipe Joints.

Except where O-ring type gaskets are specified for special cases and for special type pipe, round rubber gaskets for use in concrete pipe joints shall meet the requirements of ASTM C 443, with the additional requirements that the gasket used shall be of such cross sectional area and perimeter as to properly fit the space provided in the pipe joint in which it is to be used.

Prior to use, the gasket shall be stored in as cool a place as practicable.

942-4 Profile Rubber Gaskets for Concrete Pipe Joints.

(a) Round Pipe: The gaskets shall meet the requirements specified in ASTM C 443.

(b) Elliptical Pipe: The gaskets shall meet the requirements specified in ASTM C 443.

Additionally, the gaskets used shall be of such cross sectional area and perimeter as to properly fit the space provided in the pipe joint in which it is to be used.

The gaskets shall be stored in as cool a place as practicable prior to use.

If you have any questions, please contact David Sadler at (850) 414-5203..

BB/mw