





# Florida Department of Transportation

JEB BUSH  
GOVERNOR

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Tallahassee, FL 32399-0450

JOSÉ ABREU  
SECRETARY

## MEMORANDUM

**DATE:** June 14, 2005

**TO:** Specification Review Distribution List

**FROM:** Duane F. Brautigam, P.E., State Specifications Engineer

**SUBJECT:** **Proposed Specifications Change: 3700000 - Bridge Approach Expansion Joints.**

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change to Bridge Approach Expansion Joints.

This change was proposed by Emmanuel Uwaibi of the Pavement Design Office to include a reference to Design Standards, Index No. 306 (Bridge Approach Expansion Joint - Concrete Pavement) and stipulate the use of a polychloroprene compression seal.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at SP965DB or duane.brautigam@dot.state.fl.us. Comments received after July 12, 2005 may not be considered. Your input is encouraged.

DFB/jho

Attachment

COMMENTS:

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Submitted by:

Phone #:

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**BRIDGE APPROACH EXPANSION JOINTS.**  
**(REV 6-10-05)**

SECTION 370 (Pages 331 - 332) is deleted and the following substituted:

**SECTION 370**  
**BRIDGE APPROACH EXPANSION JOINTS**

**370-1 Description.**

Construct special expansion joints for concrete pavement near the bridge approach slabs that consist of a section of reinforced concrete subslab supporting the roadway concrete pavement, with a portion of the roadway pavement over the subslab interrupted by a galvanized sheet metal strip, *in accordance with the details shown in the Design Standards, Index No. 306 and the Contract documents.*

**370-2 Materials.**

Bar Reinforcement: Use bar reinforcing steel meeting the requirements of 931-1.1.

Concrete: For the expansion joint subslab, use Class I (Nonstructural) concrete meeting the requirements of Section 347.

Galvanized Sheet Metal: Use galvanized sheet metal meeting the requirements shown in the plans.

*Seal: Use polychloroprene compression seal as shown in Design Standards, Index No. 306.*

**370-3 Construction Methods.**

Construct the expansion joints in accordance with the applicable requirements of Sections 346, 347, 350, ~~and~~ 415, *Design Standards, Index No. 306* and as directed by the Engineer.

**370-4 Method of Measurement.**

The quantity to be paid for will be plan quantity, in feet [meters], calculated across the pavement at right angles to the centerline of the roadway pavement, completed and accepted.

**370-5 Basis of Payment.**

Price and payment will be full compensation for all work and materials specified in this Section or required for the expansion joint, including concrete subslab, sheet metal strip, reinforcing steel, *compression seal* and all additional excavation required.

Payment will be made under:

- Item No. 370- 1- Bridge Approach Expansion Joint - per foot.
- Item No. 2370- 1- Bridge Approach Expansion Joint - per meter.