Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

DENVER J. STUTLER, JR.
SECRETARY

July 13, 2005

Mr. Donald Davis
Program Operations Engineer
Federal Highway Administration
227 N. Bronough Street, Suite 2015
Tallahassee, Florida 32301

Re: Office of Design, Specifications
Section 370
Proposed Specification: 3700000 - Bridge Approach Expansion Joints.

Dear Mr. Davis:

We are submitting, for your approval, two copies of a proposed Supplemental Specification for Cement Concrete Pavement.

This change was proposed by Emmanuel Uwaibi of the Pavement Management 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 review and transmit your comments, if any, within two weeks. Comments should be sent via Email to SP965DB or duane.brautigam@dot.state.fl.us.

If you have any questions relating to this specification change, please call Duane F. Brautigam, State Specifications Engineer at 414-4110.

Sincerely,

Signature on file

Duane F. Brautigam, P.E.
State Specifications Engineer

DFB/jho
Attachment
cc: General Counsel
Florida Transportation Builders' Assoc.
State Construction Engineer

350 CEMBRIDGE 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.

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

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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, 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.