

## **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 concrete meeting the requirements of Section 347.

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

Seal: Use compression seals in accordance with Section 932 and 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, 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.