

October 16, 2001

**MEMORANDUM
01-12**

TO: District Directors
District Construction Engineers
Toll Road Operations Engineer
District Material & Tests Engineers
District Area Engineers
Project Engineers/Supervisors

From: Timothy D. Bertram, Chief
Contracts and Construction Division

RE: Expansion Joint Installation

Section 702.15 (b) of the Standard Specifications notes that expansion joints shall be of the form, dimensions, material, and design shown on the plans. The joint material shall be of the size shown on the plans and shall be accordance with 906.01. It has come to our attention that some projects are not forming the notch (1 1/2" deep by 3 1/2" long) at the end of the bridge deck and the mudwall. When installing this expansion joint the practice of sawing transversely across the concrete deck, 1 1/2" deep then removing the excess with a jackhammer is not acceptable and must end immediately. Furthermore joint surfaces must be extremely clean and dry. They must be sandblasted immediately prior to installation of the silicone sealant (air compressors must have a water trap/oil separator). Depth and thickness of the silicone sealant must be at least 1/2" below the driving surface and be 1/2" thick as recommended by the product manufacture procedures. Sil-Spec rapid curing liquid polymer-based mortar nosing material must not be eliminated. Lastly, as specified in the specifications, a representative of the manufacture is to be present when the installation is started. (Manufacture representative - Rick Wampler (317) 351-5780, additional information website link is www.ssicm.com.)

Please refer to the attached detail sheet and ensure that this specification is followed.

TDB:SAT:sat