

INTEROFFICE MEMORANDUM

DATE: November 8, 1985

TO: BRIDGE DESIGN PERSONNEL
FROM: Veral Pinkerton, Bridge Engineer
SUBJECT: Slab Span Bridges

Attached is a copy of SP802-10 which is tentatively scheduled for use in the January letting.

Also attached is a sketch showing the rounding of the corners of the joints.

We continue to get feedback that indicates that we are not providing enough camber to take care of long-range creep.

Therefore, effective immediately, all slab span bridge jobs should be prepared to include the Special Provision, the round detail, and the total calculated creep camber instead of the $\frac{1}{2}$ of creep as presently shown.

VP:bw
Attachments

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

SPECIAL PROVISION

EXPANSION AND FIXED JOINTS

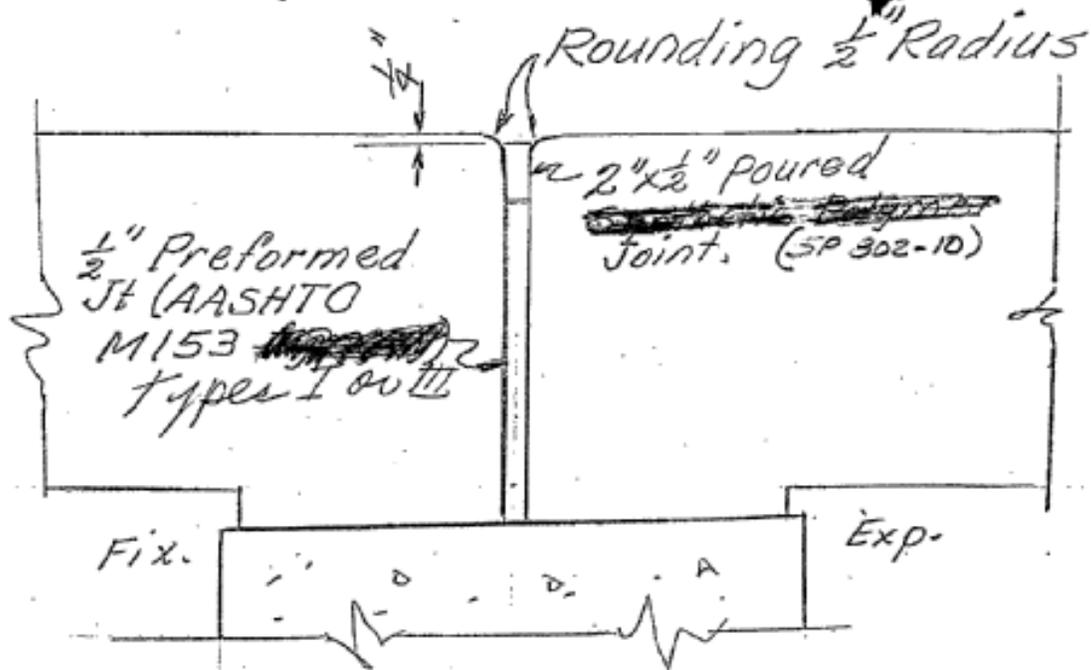
Section 802.21 (b) of the Standard Specifications, Edition of 1978, is hereby deleted and the following substituted therefore:

- (b) Filled Joints. Poured expansion joints shall be constructed similar to open joints. When premolded types are specified, the filler shall be in correct position when the concrete on the second side of the joint is placed. When required, adequate water stops of metal, rubber or plastic shall be carefully placed as shown on the plans.

All faces of the joint to be sealed shall be thoroughly cleaned by sand blasting, water blasting or other approved methods prior to placing the joint seal material.

- (1) Poured joint seal shall meet the requirements of subsection 501.03 (g) (1), subsection 501.03 (g) (2) or AASHTO M 282. The cavity for the poured joint seal shall be formed by the insertion and subsequent removal of a wood strip, metal plate or other approved material.
- (2) Preformed joint filler shall meet the requirements of AASHTO M 153 type I (sponge rubber), or III (self-expanding cork), except that the Type III (self-expanding cork) shall be required to have a minimum expansions of 125% and be within ± 0.1 inches of the specified plan thickness.

When called for on the plans or in the special provisions, the joint material shall be that specified in Section 809.



R.C. SLAB JOINT

Expansion Joint shown, Fix.-Fix.
 Similar except eliminate 1/2\"
 Preformed Jt. material.

Note: All joints to be cleaned
 by sand blasting or other approved
 methods before pouring joint.