

## INTEROFFICE MEMORANDUM

DATE: June 25, 1971

TO: BRIDGE DESIGNERS & DETAILERS

FROM: Veral Pinkerton, Bridge Engineer

SUBJECT: Crack Control Joint

The Construction Division continues to experience some problems with the construction of the crack control joints due to insufficient detail and error. Therefore, the following procedure should be used on all continuous structures.

1. A 1" x 1/4" control joint should be placed over each interior support, across curb and roadway.
2. The parapet joints shall be spaced such that an open joint coincides with this control joint.
3. An additional control joint on each side of the pier at 10' to 20' is desirable but is not mandatory. If used, the parapet should have an open joint to coincide with this joint.

The location of crack control joints must be considered at the beginning of the detailing of the slab and bridge railing to satisfy this criteria.

VP:bw

Handwritten: *All Construction Joints shall be sealed across slab, dummy joint across Parapet may be used*

*1"x1/4" Joint*

*Open Jts. 20'-35'*

*Dummy Jts. About 10'*