

VIRGINIA DEPARTMENT OF TRANSPORTATION

LOCATION AND DESIGN DIVISION

INSTRUCTIONAL AND INFORMATIONAL MEMORANDUM

GENERAL SUBJECT: EXPANSION JOINTS	NUMBER: IIM-LD-190.1
SPECIFIC SUBJECT: ADDITIONAL TRANSVERSE EXPANSION JOINTS - RIGID PAVEMENT	DATE: DECEMBER 1, 2005
	SUPERSEDES: IIM-LD-190
DIVISION ADMINISTRATOR APPROVAL: Mohammad Mirshahi, P.E. State L&D Engineer Approved: December 1, 2005	

Changes are shaded.

CURRENT REVISION

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- Updated for current Division Administrator Approval.
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POLICY

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- Transverse expansion joints are to be provided in plain and reinforced concrete pavement as shown in Standard PR-2.
 - Additionally, transverse expansion joints are to be provided at all ramp gores constructed of Portland Cement Concrete Pavement, either plain or reinforced.
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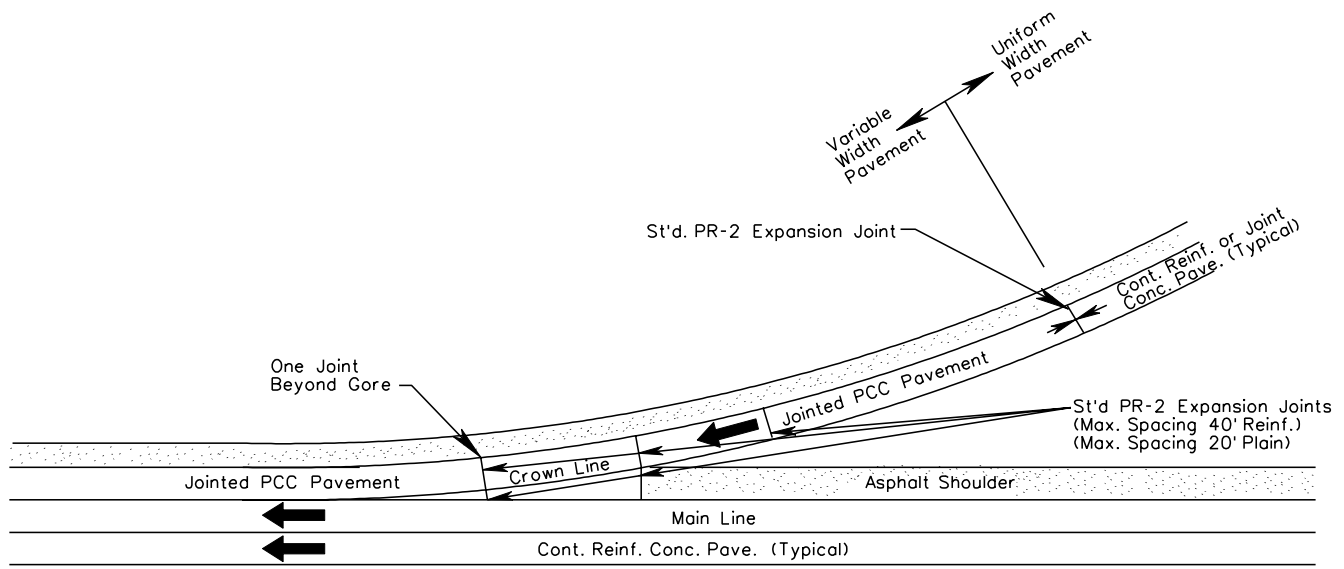
EFFECTIVE DATE

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- These changes will become effective on all projects beginning with May 1990 Advertisement.

PROCEDURE

- Each entrance and exit ramp must be examined on an individual basis to determine joint arrangements.
- The following sample drawings depict typical joint arrangements at entrance and exit ramps, and are not intended to be all encompassing.
- The joint arrangement details are to be made a part of the plans.

TYPICAL ENTRANCE RAMP



Typical Exit Ramp

