



INDIANA DEPARTMENT OF TRANSPORTATION

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Mike Braun, Governor
Lyndsay Quist, Commissioner

DATE: October 2, 2026

TO: District Construction Directors

CONSTRUCTION MEMORANDUM

District Area Engineers, Project Engineers/Supervisors

26-07

FROM: Joseph J. Novak, P.E. 
Managing Director of Construction

SUBJECT: Requirements for RCBA's with Lean Concrete Base

This memorandum serves as a reminder to include preformed expansion joint filler (PEJF) in reinforced concrete bridge approach (RCBA) installations with a 9 in. Lean Concrete Base (LCB) placed at bridges with a semi-integral or integral end bent. Several recent installations have overlooked these structural requirements.

Recurring Special Provision (RSP) 309-R-793, LEAN CONCRETE BASE, adds specification language to Section 609, requiring the following for integral and semi-integral end bents.

1. PEJF (3 in. x 2 in.) placed along the 45 degree sloped edge of the thickened portion of the RCBA
2. PEJF (3 in. x 7 in.) placed at the vertical interface between the LCB and end bent.

It is also acceptable to place PEJF at the locations indicated above when the end bents are not integral or semi-integral, but it is not required.

A detailed drawing showing proper placement locations for the PEJF is attached to this memorandum for immediate field reference. A Recurring Plan Detail that reflects these requirements is currently in development.

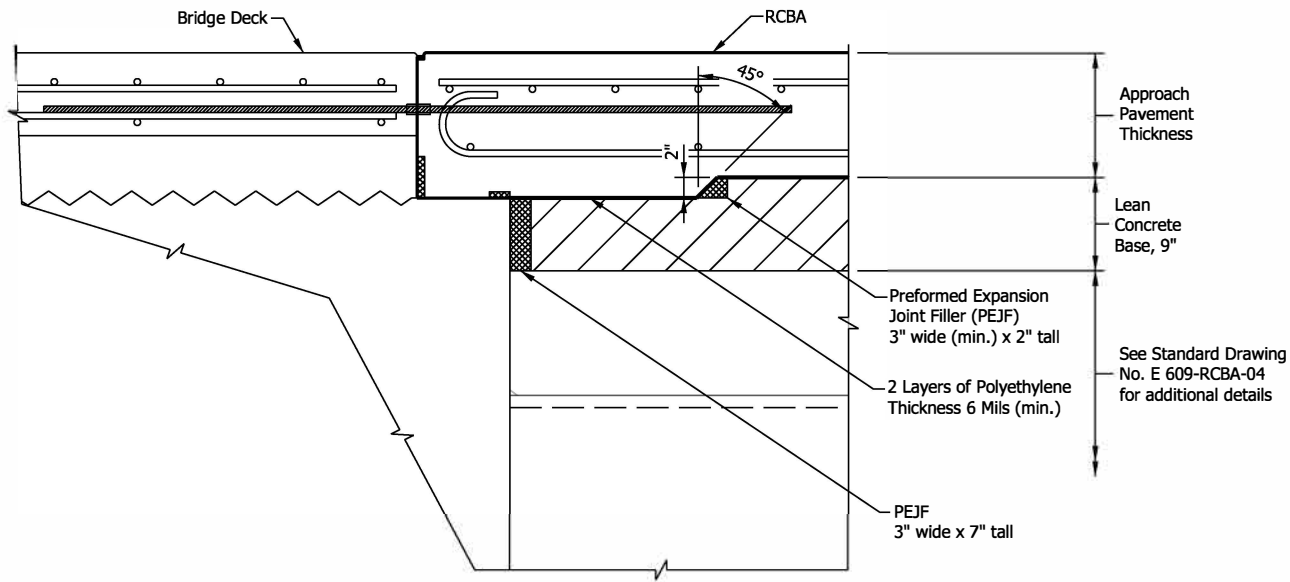
Any questions should be directed to your assigned Construction Management Field Engineer.

ATTACHMENT: Detailed Drawing for Lean Concrete Base Substitution for 9 in. Subbase for PCCP Details.

JJN/gf

NOTE:

1. Where Lean Concrete Base (LCB) is substituted for 9" Subbase for PCCP, under a reinforced concrete bridge approach (RCBA), preformed expansion joint filler shall be placed as shown.



PAVEMENT LEDGE DETAIL

INDIANA DEPARTMENT OF TRANSPORTATION

LEAN CONCRETE BASE
SUBSTITUTION FOR
9" SUBBASE FOR PCCP DETAILS