



INDIANA DEPARTMENT OF TRANSPORTATION

Design Memo No. 24-14

September 11, 2024

TO: All Design Personnel and Consultants

FROM: /s/ Stephanie Wagner
Stephanie Wagner
Director of Bridge Engineering

SUBJECT: Pavement Ledge Width

REVISES: *Indiana Design Manual* Figures 405-3F, 406-16E, 406-16L, 406-16S, 409-2D, and 409-3D

EFFECTIVE: Stage 3 submittals on or after March 1, 2025

The minimum width for pavement ledges supporting the end of an RCBA has been increased from 6 in. to 9 in. This change is intended to mitigate the risk of settlement of the RCBA at the pavement ledge due to loss of concrete bearing capacity over time due to concrete deterioration.

The Standards Committee approved revisions to Standard Drawing series 609-RCBA at the April 2024 Standards Committee meeting (item 1) that reflect these changes. Recurring Plan Detail 609-B-323d, Reinforced Concrete Bridge Approach, appeared on the May 2024 RSP Menu and is effective for contracts letting on or after September 1, 2024.

The referenced figures in IDM [Chapter 405](#), [Chapter 406](#), and [Chapter 409](#) have been revised to reflect these changes.

For questions related to this design memo, please contact the Bridge Engineering Division at Bridgedesignoffice@indot.in.gov