



INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

Design Memorandum No. 17-16 Policy Change

August 7, 2017

TO: All Design, Operations, and District Personnel, and Consultants

FROM: /s/Elizabeth W. Phillips
Elizabeth W. Phillips
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Bridges Division

SUBJECT: Permanent Metal Forms

REVISES: *Indiana Design Manual* Sections 404-2.02(02), 404-2.02(03),
404-2.03(02), Figures 404-2B and 404-2C

EFFECTIVE: Lettings on or after September 1, 2017

Recurring Special Provision 702-B-304, Permanent Deck Form Angles, revises *Standard Specifications* section 702.13(e) to include the following:

The vertical leg of angles used as form supports shall not extend higher than the top of the permanent metal form.

This requirement aims to ensure that form angle used in conjunction with permanent metal deck form will not protrude beyond the theoretical bottom of the deck as well as to preclude field cutting of the angle.

Designers should no longer include a visual representation of the deck form, angle, or the ½" protruding dimension of the angle leg on the plans. Only the minimum fillet dimension (typically ¾ in.) should be shown. Details relative to welding angles in the tension or reversal zone for structure steel members may continue to be shown.

Plans should be revised to reflect these changes for contracts whose Final Tracings submission due date is on or after September 1, 2017.

The referenced IDM sections and figures have been revised to reflect these requirements and are an attachment to the memo. Questions regarding permanent metal forms should be directed to the Office of Bridge Design, Stephanie Wagner, swagner2@indot.in.gov.