

INDIANA DEPARTMENT OF TRANSPORTATION

Design Memo No. 25-06

February 13, 2025

TO: All Design Personnel and Consultants

FROM: /s/ Stephanie Wagner

Stephanie Wagner

Bridge Engineering Director

SUBJECT: Prestressing Strands

REVISES: Indiana Design Manual Sections 406-10.0 and 406-12.02(03)

EFFECTIVE: Lettings on or after September 1, 2025

The referenced sections of Chapter 406 and associated figures have been revised. Revisions are summarized below.

- 1. <u>406-10.0 Development of Prestressing Strands</u>. Added guidance for debonding and cutting top strands.
- 2. <u>406-12.02(03) Indiana Bulb-Tee Beam</u>. Revised maximum total hold down force from 38 kips to 33 kips. Added recommended locations for hold-down points based on beam length. Removed the use of semi-lightweight concrete.

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