



INDIANA DEPARTMENT OF TRANSPORTATION

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Mike Braun, Governor
Lyndsay Quist, Commissioner

DATE: April 16, 2026

TO: District Deputy Commissioners

CONSTRUCTION MEMORANDUM

District Construction Directors

26-02

District Technical Services Directors

District Area Engineers, Project Engineers/Supervisors

District Project Management Director, Project Management Director

FROM: Gregory G. Pankow, P.E.
Chief Engineer of Construction

p.p. 

SUBJECT: Concurrent RCBA and Bridge Deck Pour Pilot Program
(Placing Concrete Bridge Deck with RCBA's)

SUPERSEDES: 07-23

The purpose of this memorandum is to inform field personnel of the implementation of the Concurrent Deck Pour Pilot program. Since 2007, the Department has required bridge decks and reinforced concrete bridge approaches (RCBA's) to be poured separately in accordance with 704.04 of the Standard Specifications. Since 2020, concurrent pours have been permitted informally on a limited basis to evaluate their performance and identify best practices that could support broader use. To date, there has not been enough information to make this determination.

Under this pilot program, Contractors may request approval to perform concurrent pours when eligible. This will be performed at no additional cost to the Department.

Failure to provide all required documentation within the time frames specified will result in loss of eligibility for future concurrent pour requests.

Structure Eligibility Requirements

To qualify for consideration under this pilot program, the structure shall meet the following requirements:

- Maximum skew: 30 degrees.
- Structures with Integral or Semi-Integral End Bents shall have a maximum total pour length of 400 ft as measured at centerline, including RCBA's.

- Structures with Non-Integral End Bents may have the RCBA and bridge deck poured concurrently provided the mudwall and pavement ledge are poured independently from the concurrent pour.

Structures **exceeding these limits will not be considered** for concurrent pour approval.

Submittal Criteria for Approval

At least 14 days before the anticipated pour date, Contractors shall submit a complete request package containing the following information utilizing the form: [Concurrent RCBA and Bridge Deck Pour Pilot Program Form](#)

- Contract Number
- Letting Date
- Designation Number
- Structure Number
- Contractor
- District
- County
- Area Engineer
- INDOT Representative (Project Engineer/Manager/Supervisor (PEMS))
- Location: description
- Location: latitude
- Location: longitude
- Reference Point/Mile Marker (may not be applicable to local roads)
- Superstructure Type
- Total pour length (include RCBAs)
- Skew angle
- Estimated pour date
- Planned method of accurately identifying location of the Type I-A joint, timing of saw cut, and saw equipment used

Note: The location of the Type I-A joint shall be clearly marked and remain visible until the saw cutting is complete and joint location has been verified.

The following documents must be sent to ConcurrentRCBASubmittals@indot.in.gov when the form is submitted:

- Title Sheet and Bridge General Plan.
- Engineer of Record approval for concurrent RCBA pour with bridge deck.
- Details including galvanized angle/bent plate dimensions, fasteners and fastener spacing, and expanded polystyrene. Alternative details are subject to review and approval. Suggested details are attached.

Prior to Concurrent Pour

At least three days prior to the scheduled pour, the Contractor is required to submit the following information to ConcurrentRCBASubmittals@indot.in.gov:

- Pre-pour pictures of both Type I-A joints from multiple vantage points and clearly labeled.

Required Submittal Post Pour

Upon completion of the Type I-A joint, the Contractor must submit the following information to ConcurrentRCBASubmittals@indot.in.gov within 28 days of the pour:

- Debrief of lessons learned or favorable practices.
- Post-pour pictures of both Type I-A joints from multiple vantage points and clearly labeled; post-pour pictures shall be taken at least seven days after saw-cutting.

The Contractor and Engineer will conduct an inspection of the new RCBA for any damage. The inspection and all necessary repairs shall be completed prior to opening to traffic in accordance with 609.12 of the Standard Specifications.

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

GGP/ddh/arr