



INDIANA DEPARTMENT OF TRANSPORTATION

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Eric Holcomb, Governor
Michael Smith, Commissioner

October 16, 2024

CONSTRUCTION MEMORANDUM 24-12

TO: District Deputy Commissioners
District Construction Directors
District Technical Services Directors
District Project Management Director
Project Management
District LPA Coordinators
District Area Engineers
Project Engineers/Supervisors/Managers
Field Engineers

FROM: Gregory G. Pankow, Chief Engineer of Construction
Division of Construction Management and District Support

SUBJECT: Durability of Concrete in Bridge Decks, Bridge Deck Overlays, and
Bridge Approaches

This office has recently been made aware of durability concerns with concrete bridge decks, bridge deck overlays and bridge approaches placed in the last few years.

If you have placed any of the above this year and had flexural beam breaks that did not meet the contract strength requirements within 12 days, or have had excessive cracking, scaling, or loss of tines, then the Department does not want to accept contracts with these bridges, or approach slabs this year (2024).

Contractors need to be made aware of the issue and our decision to hold off on acceptance and to instead review the bridges and approach slabs in the spring/summer time frame of 2025.

Contractors may wish to take steps to protect the bridges and approaches. If they do, they will need to prepare a plan and have it submitted to the PEMS for forwarding to your district's Central Office Field Engineer for review.

Currently, the Department does not see a reason to pay for any protective measures or future repairs. Therefore, any protective measures or future repairs performed by the contractor will be done at no cost to the Department.

Any questions should be directed to your district's Construction Management Field Engineer.

GGP