

Bridge IDIQ Projects: Engineering Review

Purpose of this Document: Share information on the Engineering Department's review process for bridge work assigned within IDIQ contracts.

Background: Performing an engineering review is a risk management strategy and is required per INDOT's Stewardship and Oversight Agreement with FHWA. The process also assures the IDIQ bridge work is documented and attached to the bridge file for future reference.

Application:

This guidance should be applied to any IDIQ bridge work that is structural in nature. Examples of such work include bridge joints replacement, bearing repair/replacement, beam end repairs, etc. Work types that do not require this Engineering Review include deck patching and other superficial repairs. Please contact the Bridge Engineering Division at bridgedesignoffice@indot.in.gov to verify the need for a review.

Process:

1. The Designer or the Bridge Asset Engineer will email plans to the Bridge Engineering Division at bridgedesignoffice@indot.in.gov . At a minimum, the IDIQ plans should include:
 - a. Structure Number
 - b. Maintenance of Traffic Plan
 - c. Details of work to be done
 - d. Design calculations as a separate document (if warranted)
 - e. Registered PE Seal, Signature, and Date
2. A member of the Bridge Engineering team will respond within two business days, providing a plan for the Engineering review including the specified Reviewer and timeline. The Reviewer will coordinate with the Load Rating and Evaluation team, to determine whether the IDIQ work warrants a load rating.
3. The Reviewer will work with the Designer via email to address any comments/concerns. If a load rating review is warranted, the Designer will submit a New Design request in LRRR uploading the IDIQ plans.
4. Once all items are addressed, the Reviewer will upload the final files into ERMS – Archives Bridge File for record keeping purposes and notify the Designer of completion.