

Hydraulic Reports

Signing and sealing of hydraulic reports and ITD 0211 forms will be done by the engineer of responsible charge. As with all engineering work, the responsibility for accuracy and completion rests with the engineer of responsible charge. Acceptance of these documents will be done as shown below.

- Hydraulic reports for LHTAC projects will be prepared by LHTAC personnel or their contracted consultant engineers. Acceptance by the LHTAC Administrator.
- Hydraulic reports for ITD projects which include bridges will be prepared by ITD Bridge personnel or contracted consultant engineers. Responsibility for preparing the hydraulics reports will be assigned on a project by project basis. Acceptance by the ITD State Bridge Engineer.
- Hydraulic reports for ITD projects which include roadway hydraulics will be prepared by ITD district personnel or their contracted consultant engineers. Acceptance by the District Engineer. Technical assistance will be available through the Design/Traffic Services Engineers.

Hydraulic Reports for ITD Bridge Projects

Quality Assurance

Hydraulic Reports for ITD bridge projects must have three separate people involved with the preparation; the person who prepares the model and report, an engineer who checks the model and report, and the engineer that provides the senior independent review of all deliverables. The checker and the senior level reviewer must be licensed engineers in the State of Idaho. The preparation of the model and report must be under the direction of a licensed engineer, but may be done by personnel that do not have an engineering license.

Deliverables

The following items will be submitted to the ITD Bridge Section for review.

- Hydraulic Report prepared in accordance with the ITD Bridge Hydraulics Manual.
 - Include Signed and Sealed ITD Form 211 as the first appendix to the Hydraulics Report
 - Completed ITD 211 form. <http://apps.itd.idaho.gov/apps/formfinder2dmz>
- Quality Assurance Documents (provide this separately from the Hydraulics Report)
 - Completed hydraulic model checklist. Refer to article A0.2 or A0.3 in the ITD Bridge LRFD Manual.
 - Comment form documenting the reviewer's comments and the responses to those comments.
 - Completed Hydraulic Quality Assurance Form. Refer to Appendix E of the ITD Bridge Hydraulics Manual.
- Final Hydraulic Model files
 - Existing & Proposed model files provided in a zip file.
 - Include only final model files Ensure models are functional and remove all unnecessary files.

Revisions:

November 2016 Added new article.

Sept 2020 Added deliverables and clarified sections

July 2021 Revised ITD-0210 to ITD-0211 to conform to the ITD Bridge Hydraulics Manual. Referenced ITD Bridge Hydraulics Manual rather than ITD Bridge Design Manual.