



The Idaho Transportation Department (ITD) is committed to stewardship practices that preserve and protect Idaho's waterways, and reduce the risk that transportation structures could have on established floodplains. Construction of bridges and highways within an established floodplain is governed by agency procedures and federal requirements.

ITD guidance for floodplain and floodway encroachment is specified in the Department's Design Manual under Hydraulics, Appendix B (see link below). That guide indicates, in part, that:

- Every highway encroachment in an NFIP-identified 100-year floodplain must be located and designed to be consistent with ordinances that are passed to qualify a community for the NFIP. The ITD Design Manual requires that a Floodplain Development Permit must be obtained from the community (city or county) for any encroachment in a 100-year floodplain. The floodplain development permit should accompany the ITD-210, Hydraulic Report submittal.
- If a community does not use a formal permit form, a letter from the community's Floodplain Ordinance Administrator approving the encroachment is acceptable. If the district is forwarding a consultant design, ITD must ensure the consultant has obtained the permit or letter before the proposal is forwarded to ITD Roadway Design.
- Any proposed encroachment in a 100-year floodplain must be evaluated to determine the NFIP status of the area and constraints on encroachments.

ITD works with local floodplain managers to assure that transportation projects meet local, state and federal encroachment guidelines.

Additional Resources:

Code of Federal Regulations (CFR), Part 650 Bridges, Structures, and Hydraulics: *Prescribing Federal Highway Administration policies and procedures for location and hydraulic design of highway encroachments on floodplains.*

<http://www.gpo.gov/fdsys/pkg/CFR-2015-title23-vol1/pdf/CFR-2015-title23-vol1-sec650-103.pdf>

U.S. Department of Transportation, Federal Highway Administration, Environmental Guidebook - Floodplains: Section of the Environmental Guidebook covering legislation, regulation, policy and guidance for transportation projects in floodplains.

<https://www.environment.fhwa.dot.gov/guidebook/results.asp?selSub=89>

ITD Design Manual, Roadway Design Manual, Appendix B - Hydraulics: *ITD Roadway Design Manual, Appendix B, Hydraulics includes Section B.20, Floodplain Encroachment, describing constraints and requirements when projects entail floodplain encroachment.*

<http://www.itd.idaho.gov/manuals/Manual%20Production/RoadwayDesign/Roadwaydesignprintable.htm>