



## **CONSTRUCTION IN A FLOODWAY ASSESSMENT INFORMATION**

See State Forms 55233, 55235, 55236, 57132

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In accordance with the regulations of the Flood Control Act, IC 14-28-1 and the Floodplain Management rules, 312 IAC 10, a proposed construction project in a floodway requires an assessment that includes a technical review to determine the impact the project may have on the effective cross sectional flow area and an environmental review to determine the impact the project may have on fish, wildlife, and botanical resources.

### **ASSESSMENT WORKSHEETS**

These worksheets serve to communicate the framework used to evaluate a project's cumulative impacts to the effective cross sectional flow area and fish, wildlife, and botanical resources in the floodway. These worksheets are meant to relay the information needed to evaluate most projects but cannot describe the information needed for all scenarios and all potential projects. The preparer's discernment is still needed when preparing an application and supporting documents for review to meet the statutory requirements.

#### **The following assessment worksheets are available:**

- 1) Effective Cross Sectional Flow Area Worksheet
  - a) Effective Cross Sectional Flow Area Worksheet, Companion Worksheet A
- 2) Bridge Assessment Worksheet
  - a) Bridge Assessment Worksheet, Companion Worksheet B
- 3) Development in the Shadow Worksheet

The Division of Water assesses the change to the effective cross-sectional flow area that may result from a proposed construction project. Construction projects located in a floodway can result in varying degrees of loss. If negligible loss cannot be demonstrated through an assessment worksheet or if a cumulative loss of the effective cross sectional flow area exists from other construction projects, computer modeling will be required to be submitted to evaluate the effects the proposed project will have. For more information on computer modeling, refer to General Guidelines for the Hydrologic-Hydraulic Assessment of Floodplains in Indiana at [www.IN.gov/dnr/water/surface-water/indiana-floodplain-mapping/general-guidelines-for-the-hydrologic-hydraulic-assessment/](http://www.IN.gov/dnr/water/surface-water/indiana-floodplain-mapping/general-guidelines-for-the-hydrologic-hydraulic-assessment/).

The Divisions of Fish and Wildlife, Nature Preserves, and State Parks assess the cumulative impacts that construction projects in the floodway may have on fish, wildlife, and botanical resources. Each project should also include a Fish, Wildlife, and Botanical Resources Assessment worksheet to assess impacts on flora and fauna and the potential for required mitigation.