



# INDIANA DEPARTMENT OF TRANSPORTATION

*Driving Indiana's Economic Growth*

## Design Memorandum No. 18-12 Technical Advisory

June 4, 2018

**TO:** All Design, Operations, and District Personnel, and Consultants

**FROM:** /s/ Trevor Mills  
Trevor Mills  
Deputy Commissioner  
Engineering and Asset Management

**SUBJECT:** Office of Hydraulics Review for LPA Projects

**EFFECTIVE:** Hydraulic Submittals on or after July 1, 2018

The Department has updated the Office of Hydraulics responsibilities for LPA projects on locally owned, non-NHS routes. The following guidance now applies.

### LPA Project on a Locally Owned, Non-NHS Route

- Pipes/Small Culverts (span < 4ft). The Office of Hydraulics will not review these structures.
- Bridges (span > 20 ft) and Small Structures/Large Culverts (span  $\geq$  4 ft and  $\leq$  20 ft). Review and approval by the Office of Hydraulics is required when any one or more of the following conditions are met.
  1. The structure is one mile or less downstream of an INDOT structure (measured along the stream).
  2. The proposed backwater does not dissipate before reaching an upstream INDOT structure.
  3. The structure is 1/2 mile or less upstream of an INDOT structure (measured along the stream).
  4. There are levees within the proposed project limits.
- Storm Drains. Review and approval by the Office of Hydraulics is required when one or more of the following conditions are met.
  1. Where any drainage from the LPA project is received by INDOT right of way.
  2. Where any drainage from INDOT right of way is received by the LPA system.

- Detention. Review and approval by the Office of Hydraulics is required when drainage is received by INDOT right of way.

The above guidance applies only to an LPA project on a locally owned, non-NHS route. Review and approval by the Office of Hydraulics is required in all cases for a project on a State routes and for a project on an NHS local route.

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