



# INDIANA DEPARTMENT OF TRANSPORTATION

## *Driving Indiana's Economic Growth*

### **Design Memorandum No. 16-34** **Technical Advisory**

September 22, 2016

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

**FROM:** /s/Mark A. Bailey  
Mark A. Bailey  
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**SUBJECT:** Culvert Design Using HY-8

**EFFECTIVE:** Immediately

HY-8 and the HEC-RAS culvert modules continue to be the only computer programs allowed by the Department for the hydraulic analysis of a culvert. Due to errors found with HY-8 versions 7.3, 7.4, and 7.5 the Department now requires the use of HY-8 version 7.2 for the hydraulic analysis of culverts.

Hydraulic analysis using HY-8 for submissions on or after the date on this memo must use version 7.2. Hydraulic analysis previously submitted, but not yet approved, which were designed using versions of HY-8 other than 7.2 may need to be resubmitted. The designer will be contacted by the Office of Hydraulics reviewer if a resubmittal is required.

HY-8 version 7.2 is available for download from the Department's Editable Documents webpage at <http://www.in.gov/dot/div/contracts/design/dmforms/index.html>, under the Hydraulics category.

Questions regarding the use of HY-8 version 7.2 should be directed to Mark Bailey at [MBailey1@indot.in.gov](mailto:MBailey1@indot.in.gov).