

IOWA DEPARTMENT OF TRANSPORTATION

To Office Bridges and Structures

Date October 1, 2007

Attention All Employees

Ref No. 521.1

From Gary Novey

Office Bridges and Structures

Subject Method's Memo No. 184(Policy for LRFD Design)

The LRFD design policy for the Office of Bridges and Structures starting October 1st shall be as follows:

1. All bridge projects started after October 1, 2007 will have the superstructure designed using the AASHTO LRFD specifications.
2. Substructure units will be designed using HS25 loading (as noted in Methods Memo 157) or AASHTO LRFD Specifications. If the bridge layout (TS&L) [noted as the B01 date in the project scheduling system] was completed after October 1, 2007, the substructure shall be designed using AASHTO LRFD Specifications. If the bridge TS&L was developed prior to October 1, 2007, the substructure shall be designed using HS25 loading unless directed to use AASHTO LRFD Specifications by the Bridge Office Management.
3. Bridge projects that were designed based on the standard specification but were delayed will not have to be redesigned.
4. Reinforced concrete box culverts and flumes will be designed by the AASHTO Standard Specifications until the culvert standards are updated to LRFD.

The superstructure sections are available on the Office of Bridges and Structures' web site. The substructure sections will be released as completed. Draft substructure sections will be made available for use by the office on a case by case basis. Please check with me if you have any questions.

GAN/dgb/bj