

IOWA DEPARTMENT OF TRANSPORTATION

To Office Bridges and Structures Date April 1, 2012
Attention All Employees Ref No. 521.1
From Gary Novey
Office Bridges and Structures
Subject Release of the English H30SI-12 Standards.
(CADD M0261)

Electronic copies are available in the following Office of Bridges and Structures standard directory **W:\Highway\Bridge\Standards\Bridges** and on the Internet:

<http://www.iowadot.gov/bridge/standard.htm>

The released standards are located on the Bridge Web site.

Standards H30SI-12 are designed as follows.

- The H30SI-12 bridge standards provide the structural plans necessary to construct single span 30' roadway pretensioned prestressed concrete beam bridges with span lengths of 46'-8, 55'-0, 67'-6, 80'-0, 90'-0, 100'-0, and 110'-0.
- These bridges can be built on 0, 15, or 30 degree skews.
- The abutments for these standards have been designed for friction or point bearing piles.
- These standards can be used for bridges with or without epoxy coated reinforcing.
- Design stresses for these bridges are in accordance with AASHTO LRFD Bridge Design Specifications 5th ed, series of 2010.
- Reinforcing steel in accordance with LRFD AASHTO section 5, grade 60.
- Concrete in accordance with LRFD AASHTO section 5, $f'_c = 4.0$ ksi.

For any questions, please check with Stuart Nielsen or Thayne Sorenson.

GAN/ssn