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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 Revision of BTC (4700-4719) and BTD (4730-4748) Prestressed Beam Standards (CADD M0085)

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.dot.state.ia.us/bridge/standard.htm

Standards BTC (4700-4719) and BTD (4730-4748) Prestressed Beam Standards were revised:

- Use of the combination 5b1 with the epoxy-coated 5b2 bar was changed to a single epoxy coated 5b1 bar.
- The reinforcing steel weights were revised because of this change.
- The combination 5b1 and 5b2 will be allowed as an alternate as shown in the "Bent Bar Details"

The revised standards should be included in any new bridge projects that have not been detailed. If you have any questions on the issued sheets, please check with Thayne Sorenson or Dean Bierwagen.

GAN/dgb/bj