

## IOWA DEPARTMENT OF TRANSPORTATION

To Office Bridges & Structures, Local Systems, Research & Technology      Date Nov. 1, 2008  
Attention All Bridge Employees, LeRoy Bergmann, and Mark Dunn      Ref No. 521.1  
From Gary Novey  
Office Bridges and Structures  
Subject Revision of J40-06 and J44-06 continuous concrete slab standards.  
(CADD M0128)

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

<http://www.dot.state.ia.us/bridge/standard.htm>

The J40-06 and J44-06 continuous concrete slab standards have been revised as follows:

1. Revised the paving notch for all sheets shifting it into the abutment backwall, and all related details, standard reinforcing schedules, and quantity tables.
2. Revised the abutment piling and pier piles to LRFD for HL-93 loading, and included a Strength I value in the "REACTION, PILE NUMBER & BEARING" Table.
3. Revised 45 degree skewed abutments to higher piling loads consistent with the other abutments (37 tons max for steel piles).
4. Revised the abutment wing to the new rectangular section on all standard sheets, and all related standard reinforcing schedules and quantity tables.
5. Revised the reinforcing for the F-shaped barrier rail end section, and all related standard reinforcing schedules and quantity tables.
6. Increased the rail depth for the open rail to 1'-8
7. Included chamfers in the rail post on the open rail.
8. Revised the slab placement note.
9. Provided a new abutment back fill sheet J44-52-06 and J40-52-06.

These revised standards should be used on all new projects with continuous concrete slab bridge. If you have any questions on the issued standards, please check with Thayne Sorenson or Dean Bierwagen.

GAN/dgb/bj