

IOWA DEPARTMENT OF TRANSPORTATION

To Office Bridges and Structures Date February 1, 2008
Attention All Employees Ref No. 521.1
From Gary Novey
Office Bridges and Structures
Subject Revision of A, B, C, and D prestressed superstructure and integral abutment standards, 2078-2084, 2085-2091, 4500-4513, 4514-4521 (CADD M0097)

These standards shall be used with the new wing standard sheet and were revised to show the new rectangular abutment wing. See CADD M0095 released February 1, 2008 for additional information on the new wing standard details.

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

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

The following standards have been revised for use:

1. Standards 2078 thru 2084

The standards were revised to show the new rectangular wing shape with a note added for placing 5h2 bars at a 1:6 slope to match the new wing face. The abutment excavation detail has been removed from these standards and this detail is shown on Standard Sheet 1007D.

2. Standards 2085 thru 2091

The standards were revised to show the new rectangular wing shape with the additional 5b9 bar added. The abutment excavation detail has been removed from these standards and this detail is shown on Standard Sheet 1007E.

3. Standards 4500 thru 4513

The standards were revised to show the new rectangular wing. The Beam Camber Data detail, Slab Thickness At Beams detail and Slab Thickness Details with notes were moved to another standard sheet. Detail "A" was added to these standard sheets.

CADD M0097 (Revision of A, B, C, and D prestressed superstructure and integral abutment standards, 2078-2084, 2085-2091, 4500-4513, 4514-4521).

4. Standards 4514 thru 4521

The standards were revised to change the bid item for piling to the current bidding procedure. The bars for the abutment wing were removed from the bar list and an Abutment Wing quantity item line added to the Epoxy Coated Reinforcing bar list. The Concrete Placement Diagram note changed.

These standards should be used on any new bridge started for production. If you have any questions on the revised standard sheets, please check with Thayne Sorenson or Dean Bierwagen.

GAN/dgb/bj