

**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 Method's Memo No. 144(Revised Policy for Transverse Joints for CCS and PCBM Bridges)

For prestressed concrete beam bridges and continuous concrete slab bridges the following policy for deck placement has been changed.

1. Under the "CONCRETE PLACEMENT DIAGRAM" in CADD standards 4514-4521 and 4549-4552 for prestressed beam bridges and in the superstructure notes for continuous concrete slab bridges the following revised note has been added and shall be used for the deck placement.

E/M 925

THE CONCRETE DECK SLAB IS TO BE PLACED CONTINUOUSLY FROM ONE END OF THE BRIDGE TO THE OTHER. THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT EVIDENCE THAT THE NECESSARY EQUIPMENT AND FACILITIES ARE AVAILABLE TO ACCOMPLISH THE REQUIRED RESULT. PERMISSIBLE TRANSVERSE SLAB CONSTRUCTION JOINTS MAY BE USED, AT LOCATIONS SHOWN WITH APPROVAL OF THE ENGINEER.

For prestressed beam bridges with over 400 cubic yards of concrete for deck placement, the following note shall be used

E/M 926

NOTE: CONCRETE DECK SLAB SHALL BE PLACED IN SECTIONS AND SEQUENCES INDICATED. ALTERNATE PROCEDURES FOR PLACING SLAB CONCRETE MAY BE SUBMITTED FOR APPROVAL TOGETHER WITH A STATEMENT OF THE PROPOSED METHOD AND EVIDENCE THAT THE CONTRACTOR POSSESSES THE NECESSARY EQUIPMENT AND FACILITIES TO ACCOMPLISH THE REQUIRED RESULTS.

2. For skews that are 30 degrees or less the transverse joint may be shown as a straight line parallel to the skew. For skews greater than 30 degrees the transverse joints should be shown as a step joint with a straight line allowed as an alternate.

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See sheet H44-22-07 in the standards for example details for a prestressed beam bridge and J44-20-06 for a continuous concrete slab example for continuous concrete slab bridges.

This policy should be used on all bridge projects that have not yet been detailed. If you have any questions, please check with Dean Bierwagen or myself.

GAN/dgb/bj