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# IOWA DEPARTMENT OF TRANSPORTATION

To Office Bridges and Structures Date March 31, 2004

Attention All Employees Ref No. 521.1

From Gary Novey

Office Bridges and Structures

Subject Method's Memo No. 93 (Approach Slab Responsibilities with Downdrag)

Recently a Method's Memo was sent out addressing a change in policy for approach slabs (MM No. 86). This memo required that the approach slab details be included in the bridge plans. Since the memo was sent out, an exception to the change was brought to my attention. The exception is situations where settlement is a problem and downdrag forces need to be included in the substructure piling design. If settlement is a problem, then it may be advantages to delay the approach slab placement until the pavement is placed. This delay would allow some of the settlement to take place before the approach slabs are installed.

Therefore when downdrag is required in the bridge piling design, Design shall be informed of the settlement problem and the approach slab sheets shall be included in the Design's plans. In addition, the temporary paving block shall be provided in the plans.

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