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DEPARTMENT OF TRANSPORTATION

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MEMORANDUM TO: Project Engineers
Project Design Engineers

FROM: W. J. Rogers, P.E.
State Bridge Design Engineer

DATE: July 13, 1998

SUBJECT: NEW SLAB DESIGN TABLES FOR DESIGN MANUAL

The English and Soft Metric versions of the Slab Design Tables have been updated to include the Bulb-T prestressed concrete girders. These tables are attached for immediate use. NCBDS has been updated to reflect these tables.

It has come to our attention that there are some inconsistencies within the Unit regarding the use of the old tables. The proper usage of the tables is as follows: the double lines break the table up by slab thickness and the solid lines divide the different "a" and "b" bar spacings. For example a Type IV prestressed girder with a beam spacing of 7'-2" will have an 8" slab thickness with #5 "a" bars at 7 ½" (Figure 7-4 Sheet 1 of 4) and #5 "b" bars at 11" (Figure 7-4 Sheet 3 of 4).

Please refer questions regarding the Slab Design Tables to Engineering Development.

The Design Manual will be updated to reflect this policy at a later date.

The attached tables are in Adobe Acrobat format for use on the web

Figure 7-4 Sheet 1 of 4 English

Figure 7-4 Sheet 2 of 4 English

Figure 7-4 Sheet 3 of 4 English

Figure 7-4 Sheet 4 of 4 English

Figure 6-1 Soft Metric

Figure 6-2 Soft Metric

Figure 6-3 Soft Metric

Figure 6-4 Soft Metric

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Last Updated: 8/11/98 by:Steven Rackley
E-mail Structure Design