



Minnesota Department of Transportation

State Aid for Local Transportation

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April 28, 2000

TECHNICAL MEMORANDUM 00-SA-01

To: County Engineers
Municipal Engineers
District State Aid Engineers
Consulting Engineers

From: Julie Skallman
State Aid Engineer

651-296-9872

Subject: Horizontal Curve Design Tables
State Aid Manual Figures D(1, 2 & 3) 5-892.211 dated July 13, 1998

Effective immediately, plans shall be designed using the attached Table 3-3.02A, Table 3-3.02B, and Figure 3-3.03A of the Road Design Manual dated October 1999 for horizontal curve design in lieu of the State Aid Manual tables in Figures D(1, 2, & 3) 5-892.211. Metric plans shall use the metric tables and English plans shall use the English tables.

State Aid Manual Figure D(2) 5-892.211 dated July 13, 1998 uses friction factors and super-elevation development more appropriate for urban roadway design. Table 3-3.02B of MnDOT's Chapter 3 of the English and Metric Road Design Manuals dated October 1999 are based upon the appropriate design criteria and shall shortly be incorporated into the State Aid Manual.

Construction plans that have been developed using the design tables in the State Aid Manual prior to the date of this memorandum and have been submitted to the District State Aid Engineer may be approved by the State Aid Engineer or designee until June 1, 2000. Construction plans that have not been submitted to the District State Aid Engineer for approval prior to the date of this memorandum shall be developed using the tables of the Road Design Manual.

This Technical Memorandum is in effect until revised charts are included in the State Aid Manual this Spring. Questions concerning this Technical Memorandum may be directed to Paul Stine at 651-296-9973.

cc: DSAA Amr Jabr; MS 676