

MINNESOTA DEPARTMENT OF TRANSPORTATION
STATE AID FOR LOCAL TRANSPORTATION DIVISION
Technical Memorandum No. 04-SA-05
October 22, 2004

TO: County Engineers
City Engineers
District State Aid Engineers

FROM: 
Julie Skallman
State Aid Engineer

SUBJECT: Revised Vertical Curve Length Chart

On December 18, 2003 Mn/DOT issued revised vertical curve length charts for the Mn/DOT Road Design Manual chapter 3, reflecting a 2.0' height of object, replacing the 0.5' height of object. This resulted in a decreased minimum crest vertical curve length. This reflects the design described on pp. 269 – 276 in the 2001 AASHTO Policy on Geometric Design of Highways and Streets (Green Book). State Aid Manual Fig B(1) 5-892.211 dated October 17, 2000 will be updated.

The SALT website at [http://www.dot.state.mn.us/stateaid/res sa tech memos.html](http://www.dot.state.mn.us/stateaid/res_sa_tech_memos.html) includes this Technical Memorandum from which the attached Crest Vertical Curve Length Chart may be downloaded.

If you have any questions concerning this memorandum or the attached form, please contact Merry Daher, Federal Aid Plans Engineer, at (651) 296-7067.

Attachment: Crest Vertical Curve Length Chart

cc: DSAA