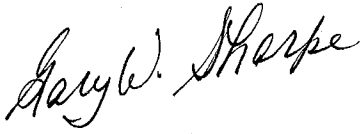


DESIGN MEMORANDUM NO. 1-04

TO: Chief District Engineers
Design Engineers
Active Consultants

FROM: Gary W. Sharpe, P.E.
Director
Division of Highway Design



DATE: January 27, 2004

SUBJECT: Revisions to AASHTO Deceleration Lengths
for 2001 Green Book

The AASHTO Task Force on Geometric Design is in the process of making revisions to the 2001 AASHTO Policy on Geometric Design of Highways and Streets. The revisions affect the recommended deceleration lengths for auxiliary lanes. More specifically guidance is provided for conditions at median openings for left-turn movements and at intersections for right-turn movements.

Please refer to page 718 of the AASHTO Policy on Geometric Design for Highways and Streets under the heading **Deceleration Lengths**. The first paragraph shall be replaced from the colon in line four (4) up to the last sentence with the following:

“for design speeds of 50, 60, 70, 80 and 90 km/h [30, 40, 45, 50 and 55 mph], the limiting deceleration lengths of auxiliary lane are 50, 70, 95, 120, and 150 m [170, 275, 340, 410 and 485 ft], respectively (15).”

Effective with this memorandum, the revision noted above should be used for all new projects or for existing projects that have not advanced beyond the Preliminary Line and Grade stage.

Any questions regarding this memorandum should be directed to this office.

GWS:JDJ:KLM:JQ:JAD