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MEMO TO: Roadway Design Project Engineers
Charles Casey, PE

FROM: Tom Shearin, PE *ATS*

DATE: March 30, 1998

SUBJECT: Placement of Mountable Medians

This memo is a result of a concern recently voiced by a consultant. His concern was placing mountable median immediately adjacent to the travel lane (Standard 852.01 and 852.02).

The PEF recommended offsetting the island 0.3 meters because under the Delineation and Approach-End Treatment section the 1994 Green Book says "Island curbs are introduced rather suddenly and should be offset from the edge of through traffic lanes even if they are mountable." However, the Green Book under the "Curb Placement" section also states "For low speed street conditions, mountable curbs may be placed at the edge of a through lane."

Normally, a raised median will use the 450 mm curb and gutter which is 225 mm of gutter and 225 mm of raised and sloped curb. This situation offsets the curb from the through lane 225 mm, which we believe to be sufficient. If the design calls for the standard 750 mm curb and gutter (Standard 846.01), then the 0.3 m to 0.6 m as shown in the Green Book would be appropriate.

The 200 mm X 300 mm or the 225 mm X 300 mm concrete curb in Standard 846.01, which is normally used for commercial driveway channelization, should be offset 2 m or at the edge of paved shoulder, whichever is greater.

Should you have any questions, please let me know.

HMT

cc: Ms. D. M. Barbour, PE

