

TO: James L. App, City Manager
FROM: Joseph M. Deakin, Public Works Director
SUBJECT: Traffic Calming Measures
DATE: August 5, 2003

NEEDS: For the City Council to consider speed reducing road design alternatives (a.k.a. traffic calming devices).

FACTS:

1. At the July 15, 2003 meeting, City Council directed staff to research speed reducing road design alternatives.
2. On July 25, 2003, various traffic-calming measures were presented to the Streets and Utilities Committee for review.
3. The Streets and Utilities Committee recommended presentation of the traffic-calming alternatives to the full City Council.

**ANALYSIS
AND**

CONCLUSION: In June 2002, Omni Means Traffic Engineers completed a Traffic Calming Study for the Rambouillet Road/Nicklaus Drive Corridor for the City. As part of the Study, various traffic calming devices, and their related costs, were identified which could be used to reduce speed of travel:

- Speed hump - \$2,000 each
- Traffic circle - \$3,500 to \$15,000
- Speed table - \$2,500 each
- Chicane - \$5,000 to \$15,000
- Raised Intersection - \$15,000 to \$50,000
- Choker - \$7,000 to \$10,000
- Closure - \$2,000 to \$35,000
- Center Island Narrowing - \$5,000 to \$15,000

Omni-Means Traffic Engineers will be at the August 5th City Council meeting to present these traffic-calming alternatives. It is important to note that while these alternatives are proven to reduce speed, they may also impact public safety response. Consequently, more detailed analysis of each alternative's features and impacts seems prudent. A Council ad hoc committee is requested to work with public safety, engineering, and planning staff to undertake the suggested analysis.

**POLICY
REFERENCE:** Speed Hump Policy

**FISCAL
IMPACT:** None

OPTIONS:

- a. For the City Council to receive and file, and select an ad hoc committee to analyze and report on traffic calming alternatives to the Streets and Utilities Committee, and then City Council, by December 31, 2003.
- b. Amend, modify or reject the above option.