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## MEMO

TO: Chairperson Dana Davis and Committee Members

FROM: Andrew Beyer, P.E.

DATE: October 25, 2023

RE: Public Safety and Welfare Committee Wednesday, November 1, 2023 at 5:00 p.m.

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Review and take possible action: Address Speeding on Carriage Hill Drive

### BACKGROUND:

At the September 6, 2023 Public Safety & Welfare Committee Meeting, City staff were directed to explore the cost of a speed control display sign and whether there is available funding to purchase one. In addition, staff was directed to investigate putting a 3-way stop at Carriage Hill Drive and Country Lane.

#### Speed Control Display Sign

The rough cost to purchase a solar powered radar speed sign is \$4,500. Earmark funding for the sign(s) is not included in next year's budget. Street Division has indicated that there may be available funding in the 2023 budget from savings to other projects.

#### 3-way stop at Carriage Hill Drive and Country Lane

Per the Manual on Uniform Traffic Control Devices (MUTCD) an engineering study needs to be performed to warrant the placement of a stop sign. The stop sign study considers existing crash data, roadway characteristics, and traffic counts on each street – to warrant an all-way stop, traffic counts at each intersecting street needs to be similar. The MUTCD is clear that a roadway with less traffic should stop for a road with greater traffic, which appears to be the existing condition at the intersection of Country Lane with Carriage Hill Drive. Additionally, the MUTCD is clear that a stop sign should not be placed to control speed.

If the Public Safety & Welfare Committee wants an engineering study to be performed to assess the need for additional stop signs at the intersection of Country Lane with Carriage Hill Drive, it could be performed during the summer of 2024 when the Engineering Division is staffed with interns.

The installation of speed humps/speed tables was brought up during the citizen comment portion of the September Public Safety and Welfare Committee meeting. An email exchange with the requesting property owner is attached which contains background and some of the suggested placement criteria of speed humps/speed tables. In short, a speed hump/speed table should not be placed on an arterial street (Carriage Hill Drive is classified as a minor arterial roadway by the State and Federal Departments of Transportation) and should take into account roadway drainage.

### ATTACHMENTS:

- Site Map
- Email message of October 6, 2023