

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: CONSENT AGENDA

Meeting Date: August 25, 2026

Item Details

Presenter(s): Jessica McClure, Traffic Safety Engineer

Department(s): Transportation and Infrastructure Development

Requested Motion

Motion to authorize the installation of one (1) addition speed hump in the Dogwood Ridge Development on Town Side Drive, North of Vatersay Drive, to provide traffic calming in a high residential area.

Approval Recommended?

[Yes or No]

Item Details

Town Side Drive (Dogwood Ridge Subdivision) is a residential street that has had speed humps present for over 20 years but has since had many recurring speeding complaints over the last several years. Following a formal traffic calming request by residents, engineering staff investigated the corridor and determined the previous speed humps installed do not meet the recommended maximum spacing guidelines of 500 feet (existing speed humps are ~1,000 feet apart). Town staff also conducted a speed study and found the 85th percentile speed was 31 mph. New traffic calming requests that are approved in accordance with the Town's traffic calming policy (UDO Section 7.2.1.L.3.a) require an 85th percentile speed to be equal to or greater than 32 mph. However, the traffic calming policy is intended for use on streets that do not currently have traffic calming devices. Since Town Side Drive has speed humps, but the devices do not meet current spacing guidelines and the street is still seeing 85th percentile speeds 6 mph over the posted speed limit, engineering staff recommends adding a supplementary speed hump between the two existing speed humps to bring the corridor closer to current spacing guidelines and to improve the traffic calming devices overall effectiveness.

The Dogwood Ridge HOA approved moving forward with installation of the proposed additional speed hump. Staff anticipates using funds allocated in the T&ID operating budget for traffic calming and other Vision Zero traffic safety countermeasures.

Attachments

- CN10-A1: Location Map - Traffic Calming Device in Dogwood Ridge Community
- CN10-A2: Speed Study Summary - Traffic Calming Device in Dogwood Ridge Community
- CN10-A3: Dogwood Ridge Home Owners Association (HOA) Approval - Traffic Calming Device in Dogwood Ridge Community

