

To: The Vienna Town Council and Town Manager

From: Ed Somers, Chair, Transportation Safety Commission

Subject: Tapawingo and Kingsley Roads, SW

Date: February 26, 2018

During a meeting of the Transportation Safety Commission (TSC) on January 30, 2018, the following report was presented by the Department of Public Works (DPW).

.....

Tapawingo Road SW and Kingsley Road SW

At their September 26, 2017 TSC meeting this commission heard the results of the Tapawingo Road SW and Kingsley Road SW traffic studies. Based on discrepancies in the data, DPW was asked to redo the traffic study. The updated traffic study was performed the week of October 12th through October 25th. The traffic study equipment malfunctioned and reported volumes of traffic that were determined unreliable.

DPW has coordinated additional traffic studies with The Virginia Department of Transportation (VDOT) in preparation for the Transform 66 Outside the Beltway project. During the week of November 12th through November 18th volume and speed studies were performed on the 600 block of Tapawingo Road SW and Kingsley Road SW. In addition to the VDOT analysis, the Police Department conducted an independent study from November 2nd through November 17th, 2017. Please note that both roads are emergency routes.

Tapawingo Road SW Results and Recommendations

Road Segments: Collector street from Meadow Lane to Nutley Street (705 Tapawingo SW)
5161 VPD
22.4% traveling 5 mph or above speed limit (TCG = 15%)
Town of Vienna PD - 85th Percentile is 31.0 MPH (TCG = 31 MPH)
VDOT - 85th Percentile is 31.8 MPH (weekday average)

Tapawingo Road SW meets the Traffic Calming Guide qualifications for traffic calming. DPW is recommending the design and installation of raised median island narrowing with pedestrian crossing refuge and choker curb extensions along Tapawingo Road at the Meadow Lane intersection. As an additional immediate traffic calming measure, DPW is recommending the installation of a temporary Pole Mounted Speed Display (PMSD) Sign at the intersection of Tapawingo Road at Meadow Lane displayed for west bound vehicles.

Kingsley Road SW Results and Recommendations

Road Segments: Collector street from Meadow Lane to Nutley Street (705 Tapawingo SW)
4193 VPD
40.4% traveling 5 mph or above speed limit (TCG = 15%)
85th Percentile is 33.3 MPH (TCG = 31 MPH)
VDOT - 85th Percentile is 31.7 MPH (weekday average)

Kingsley Road SW meets the Traffic Calming Guide qualifications for traffic calming. DPW is recommending the design and installation of raised median island narrowing and choker curb extensions along Kingsley Road at the Meadow Lane intersection. As an additional immediate traffic calming measure, DPW is recommending the installation of a temporary Pole Mounted Speed Display (PMSD) Sign at the intersection of Kingsley Road at Meadow Lane displayed for west bound vehicles.

.....

Following extensive public and TSC discussion, Commissioner Jonathan Rak made the following motion, which was seconded by Commissioner Beth Eachus:

“The TSC supports approval of the Department of Public Works’ recommendation as to the design and installation of choker curb extensions along Tapawingo Road SW at the Meadow Lane intersection; AND the design and installation of choker curb extensions along Kingsley Road SW at the Meadow Lane intersection; AND as an additional immediate traffic calming measure, the installation of a temporary Pole Mounted Speed Display (PMSD) Sign at the intersections of Tapawingo Road SW at Meadow Lane and Kingsley Road SW at Meadow Lane, each displayed for west bound vehicles only.

“There should be a 6-month follow-up traffic study to determine the effectiveness of these traffic calming measures and to determine if a mid-block crosswalk on Kingsley Road SW at Meadow Lane would be feasible.”

The Motion carried 6 to 1. Commissioner Leonard Ignatowski voted no, and Vice Chair Becky Allison and Commissioner Tamara Redmon were not in attendance.

Note: The Pole Mounted Speed Display (PMSD) Signs were installed approximately a week after the TSC meeting.