



Interoffice Memorandum

May 6, 2024

TO: Mayor Jerry L. Demings
-AND-
County Commissioners

FROM: Joseph C. Kunkel, P.E., Director, Public Works Department

A handwritten signature in black ink, appearing to read "Joseph C. Kunkel", with a long horizontal stroke extending to the right.

CONTACT PERSON: Humberto L. Castellero, P.E., PTOE, Manager
Traffic Engineering Division

PHONE NUMBER: (407) 836-7891

SUBJ: Approval to Decrease the Speed Limit on Reams Road from Summerlake Park Boulevard to Taborfield Avenue from 45 mph to 40 mph

Concerned citizens have requested Orange County to review the posted speed along Reams Road from Summerlake Park Boulevard to Taborfield Avenue. They expressed that the posted speed is too high and presents a safety risk.

Vehicular/pedestrian safety, accident statistics, current and future density, and the roadside development were the primary considerations for a speed reduction analysis along the Reams Road corridor. The Florida Department of Transportation uses a Context Sensitive Road classification when determining Target Speed. Target Speed is the highest speed at which vehicles should operate on a thoroughfare in a specific context, consistent with the level of multi-modal activity generated by adjacent land uses, providing both mobility and a supportive environment for vehicles, pedestrians, bicycles, and public transit users.

This corridor fits a C3R-Suburban Residential with allowable target speed range of 35 – 55 mph respectively. Additionally, observations of prevailing speeds indicate that the current 85th percentile speeds range from 43 mph to 50 mph. The prevailing speed method (including allowable adjustments) indicates that the speed limit should be set to 40 mph. Based on this review, it is recommended that the 45 mph posted speed limit on Reams Road from Summerlake Park Boulevard to Taborfield Avenue be reduced to 40 mph.

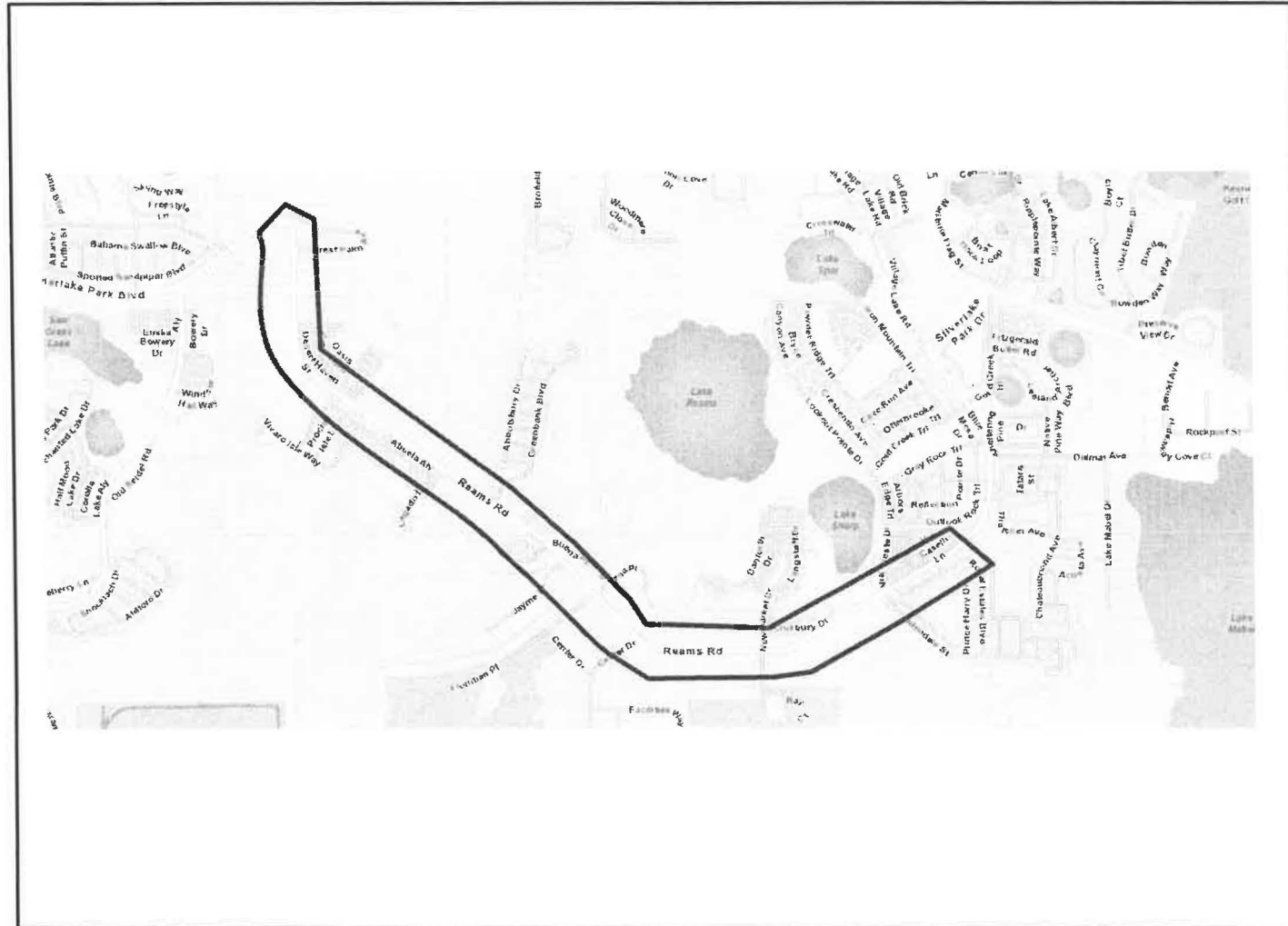
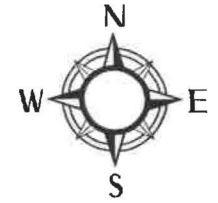
Action Requested: Approval to decrease the speed limit on Reams Road from Summerlake Park Boulevard to Taborfield Avenue from 45 mph to 40 mph. District 1.

JCK/HLC/VP/frc

Attachments



Reams Road Consent Agenda District Map



District 1: Commissioner Nicole H. Wilson