



Interoffice Memorandum

January 9, 2024

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

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

Handwritten signature of Joseph C. Kunkel in black ink.

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

Handwritten signature of Humberto L. Castellero in black ink.

PHONE NUMBER: (407) 836-7891

SUBJ: Approval to Decrease the Speed Limit on Orchard Drive from North Lake Pleasant Road to North Wekiwa Springs Road from 40 mph to 35 mph.

Concerned citizens have requested Orange County to analyze the posted speed along Orchard Drive from North Lake Pleasant Road to North Wekiwa Springs Road. They expressed that the posted speed is too high and presents a safety risk.

Pedestrian safety, corridor length, access friction and residential nature of the roadway, and recent accident statistics were the primary considerations for a speed reduction analysis along the Orchard Drive 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. This corridor is classified as a C2R-Suburban Residential with a target speed range between 35 mph and 55 mph.

Based on the evaluation performed, roadway characteristics, and operating characteristics, it is recommended that the posted speed limit be reduced from 40 mph to 35 mph.

Action Requested: Approval to decrease the speed limit on Orchard Drive from North Lake Pleasant Road to North Wekiwa Springs Road from 40 mph to 35 mph. District 2.

JCK/HLC/VP/frc

Attachments



Orchard Drive Consent Agenda District Map



District 2: Commissioner Christine Moore