



Interoffice Memorandum

February 10, 2022

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

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

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 North Wekiva Springs Road**

Concerned citizens have requested Orange County to review the posted speed along North Wekiva Springs Road between East Semoran Boulevard and Orange County Limits. They have expressed that the posted speed is too high and presents a safety risk.

Pedestrian safety, corridor speed continuity, and recent accident statistics were the primary considerations for a speed reduction analysis along the North Wekiva Springs 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 is classified as a C3R-Suburban Residential with a target speed range between 35 mph and 55 mph.

Based on the evaluation performed, USLIMITS2 analysis, roadway characteristics, and operating characteristics, Orange County Traffic Engineering recommends lowering the posted speed limit on North Wekiva Springs Road between East Semoran Boulevard and Orange County Limits from 45 mph to 40 mph.

Action Requested: Approval to decrease the speed limit on North Wekiva Springs Road between East Semoran Boulevard and Orange County Limits from 45 mph to 40 mph. District 2.

JCK/HLC/VP/dar

Attachments



North Wekiva Springs Road Consent Agenda District Map



District 2: Commissioner Christine Moore