



Interoffice Memorandum

December 13, 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 Young Pine Road**

Concerned citizens have requested Orange County to review the posted speed along Young Pine Road from Curry Ford Road to one mile east of Lee Vista Boulevard. 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 Young Pine Road corridor. Observations of prevailing speeds indicate that the current 85th percentile speeds range from 45 mph to 55 mph. USLIMITS2 analysis and prevailing speed method (including allowable adjustments) indicate that the speed limit should be set to 45 mph. Based on this review, it is recommended that the 50 mph posted speed limit on Young Pine Road from Curry Ford Road to one mile east of Lee Vista Boulevard be reduced to 45 mph. This speed limit modification will show a consistent speed limit for the whole study corridor and will help to lower the rear end/sideswipe crashes.

Action Requested: Approval to decrease the speed limit on Young Pine Road from Curry Ford Road to one mile east of Lee Vista Boulevard from 50 mph to 45 mph. District 4.

JCK/HLC/LT/VP/dar

Attachments



District 4: Commissioner Maribel Gomez Cordero