



Interoffice Memorandum

March 25th, 2024

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

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

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

PHONE NUMBER: (407) 836-7891

SUBJ: **Approval to Decrease the Speed Limit on North Powers Drive from Old Winter Garden Road to West Colonial Drive from 35 mph to 30 mph**

Concerned citizens have requested Orange County to analyze the posted speed along North Powers Drive from Old Winter Garden Road to West Colonial Drive. They expressed that the posted speed is too high and presents a safety risk.

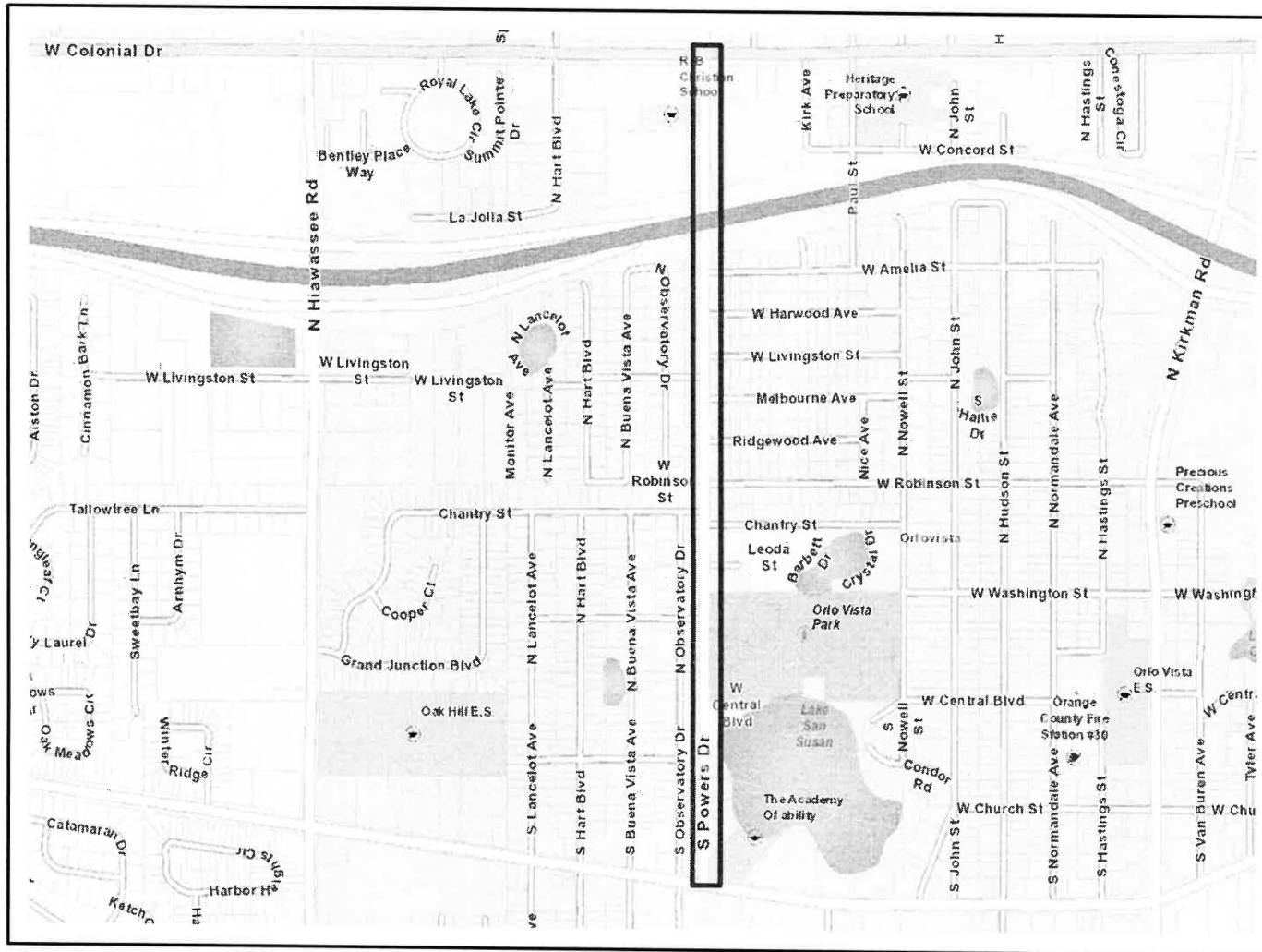
Pedestrian occurrence and safety, number of driveways, sight distance, corridor length, access friction, residential and recreational nature of the roadway (Orlo Vista Park), and recent accident statistics were the primary considerations for a speed reduction analysis along the North Powers Drive corridor. This corridor has witnessed 94 crashes within the past 5 years (2018-2023), along with erratic driving behavior such as speeding, and the misuse of traffic facilities (sidewalks, driveways, roadway signs, etc.) while pedestrians are present. 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 C3R-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 35 mph to 30 mph.

Action Requested: Approval to decrease the speed limit on North Powers Drive from Old Winter Garden Road to West Colonial Drive from 35 mph to 30 mph. District 6.

JCK/HLC/JM/frc

Attachments



District 6: Commissioner Michael Scott