



**Interoffice Memorandum**

January 9, 2024

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

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

**CONTACT PERSON:** Humberto L. Castillero, P.E., PTOE, Manager  
**PHONE NUMBER:** (407) 836-7891

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Handwritten signature of Humberto L. Castillero in black ink, written over the contact information.

**SUBJ: Approval to Decrease the Speed Limit on Dora Drive between Sadler Road and Beauclair Avenue from 50 mph to 45 mph.**

Concerned citizens have requested Orange County to review the posted speed along Dora Drive between Sadler Road and Beauclair Avenue. They expressed that the posted speed of 50 mph presents a safety risk.

Pedestrian safety, corridor speed continuity, and accident statistics were the primary considerations for a speed reduction analysis along the Dora 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, providing both mobility and a supportive environment for vehicles, pedestrians, bicycles, and public transit users.

This corridor is classified as a C2-Rural transitioning to C3R-suburban Residential with a target speed range between 35 – 55 mph. Additionally, Traffic Engineering hired a consultant to perform a Traffic Calming and Safety Analysis Study of the Tangerine Area to include Dora Drive. The speed data for the corridor shows an 85<sup>th</sup> percentile speed for both directions combined in the range of 48 – 59 mph. Based on these speed characteristics, lowering the speed limit to attain the 45 mph Target Speed along the corridor is necessary.

Based on the evaluation performed, study results, roadway characteristics, and operating characteristics, it is recommended to lower the posted speed limit on Dora Drive between Sadler Road and Beauclair Avenue from 50 mph to 45 mph.

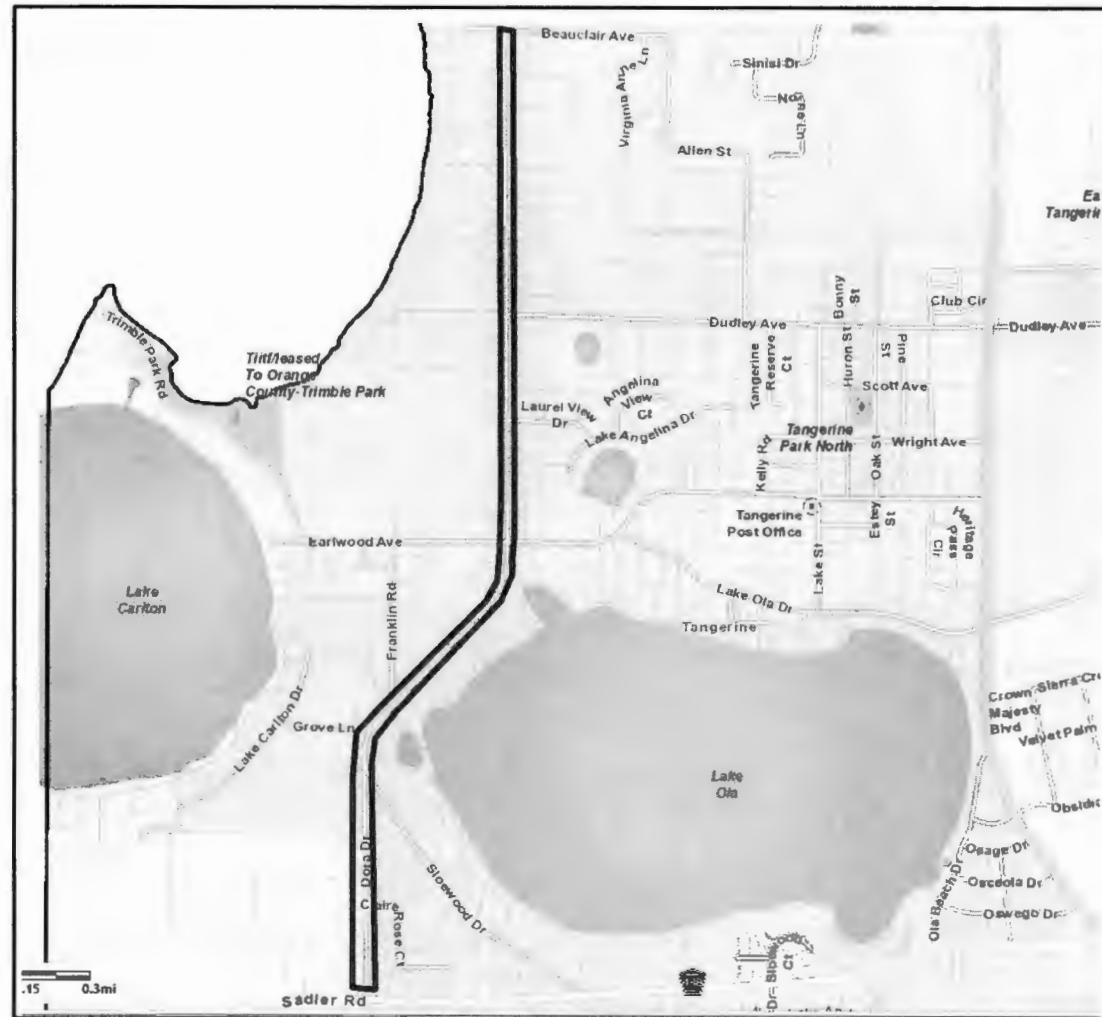
**Action Requested: Approval to decrease the speed limit on Dora Drive between Sadler Road and Beauclair Avenue from 50 mph to 45 mph. District 2.**

JCK/HLC/YP/frc

Attachments



# Dora Drive Consent Agenda District Map



**District 2: Commissioner Christine Moore**