



**Interoffice Memorandum**

March 23, 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

A handwritten signature in black ink, appearing to read "Humberto Castellero", with a large, stylized flourish extending from the end of the signature.

SUBJ: **Approval to Decrease the Speed Limit on South Rio Grande Avenue**

Concerned citizens have requested Orange County to review the posted speed along South Rio Grande Avenue between Gore Street and Holden Avenue. They expressed that the posted speed varies between 45 and 35 mph and presents a safety risk.

Pedestrian safety, corridor speed continuity, and accident statistics were the primary considerations for a speed reduction analysis along the South Rio Grande Avenue 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 C4-Urban General with a target speed range between 30 mph and 45 mph. Additionally, Traffic Engineering hired a consultant to perform a pedestrian safety study along Rio Grande Avenue.

Based on the evaluation performed, study results, roadway characteristics, and operating characteristics, it is recommended to lower the posted speed limit on South Rio Grande Avenue between Gore Street and Holden Avenue from 45 mph to 35 mph.

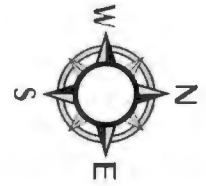
**Action Requested: Approval to decrease the speed limit on South Rio Grande Avenue between Gore Street and Holden Avenue from 45 mph to 35 mph. District 6.**

JCK/HLC/VP/dar

Attachments



# South Rio Grande Avenue Consent Agenda District Map



**District 6: Commissioner Victoria Siplin**