



Interoffice Memorandum

November 19, 2021

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

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

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Traffic Engineering Division

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SUBJ: **Traffic Signal Installation at McCormick Road and Ocoee Apopka Road**

A citizen with safety concerns has requested Orange County to review the traffic control at the intersection of McCormick Road and Ocoee Apopka Road.

Traffic volume, pedestrian safety needs, and accident statistics are the primary considerations for installing a traffic signal at McCormick Road and Ocoee Apopka Road. The Traffic Engineering Division performed a traffic signal warrant analysis to investigate the need for a traffic signal at this intersection. The study followed federal guidelines as set forth in the Manual on Uniform Traffic Control Devices (2009 Edition, Part 4, Highway Traffic Signals) and concentrated on factors such as existing traffic and field conditions, pedestrian characteristics, crash experience, and physical characteristics of the intersection. The warrants identified as applicable for this intersection are:

Warrant 1 – Eight-Hour Vehicle Volume
Warrant 2 – Four-Hour Vehicle Volume
Warrant 4 – Pedestrian Volume
Warrant 7 – Crash Experience

Based on the evaluation performed and current conditions, it was determined Warrants 2 and 7 are satisfied. Therefore, a traffic control signal is justified.

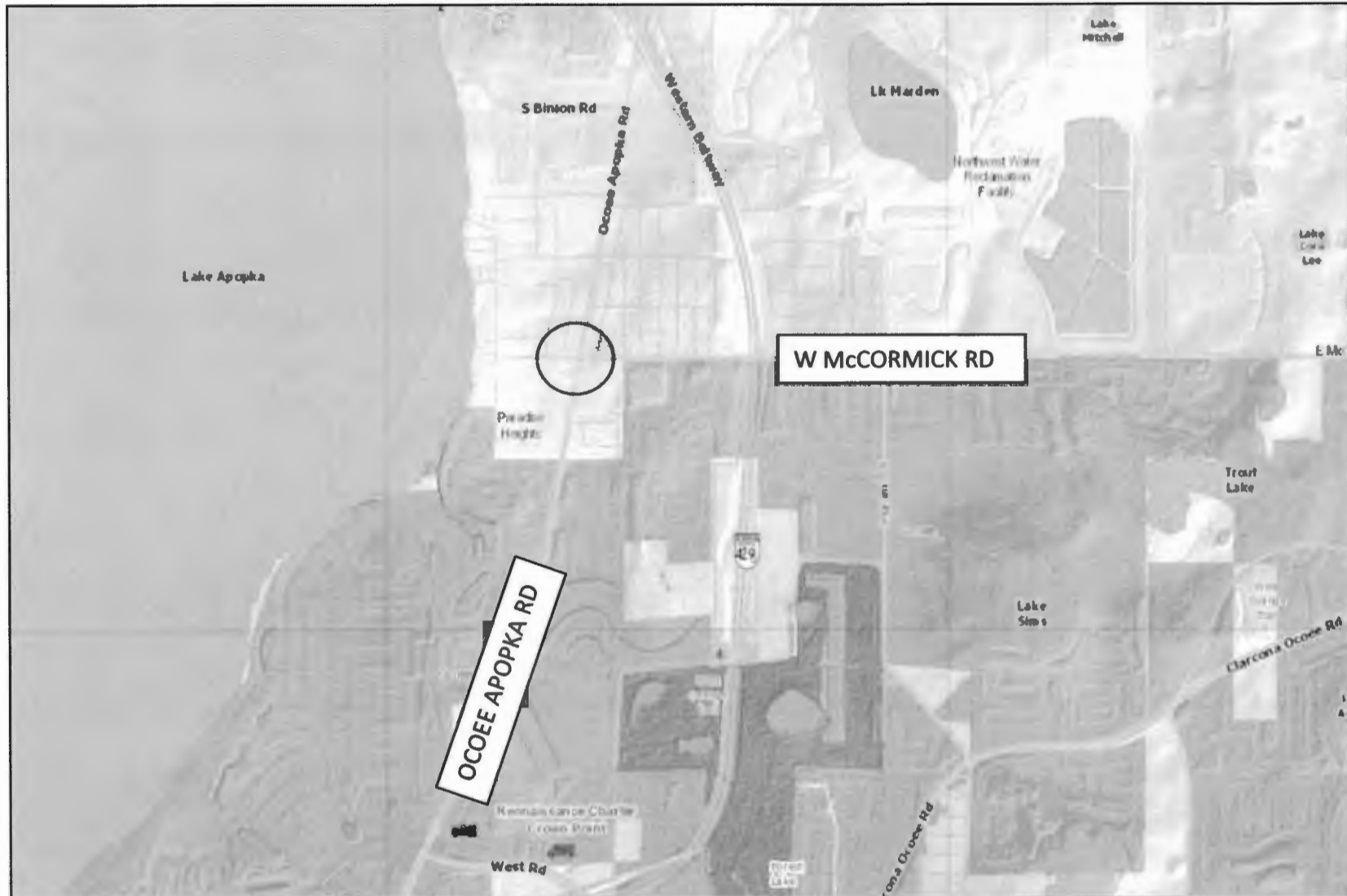
Staff recommends that the Board approve a traffic signal installation at McCormick Road and Ocoee Apopka Road.

Action Requested: Approval of traffic signal installation at McCormick Road and Ocoee Apopka Road. District 2.

JCK/HLC/HMB/dar

Attachments

McCormick Rd/Ocoee Apopka Rd Consent Agenda Location Map



District 2: Commissioner Christine Moore