



Interoffice Memorandum

December 20, 2017

TO: Mayor Teresa Jacobs
and Board of County Commissioners

FROM: Mark V. Massaro, P.E., Director, Public Works Department

CONTACT PERSON: Christine N. Lofye, P. E., Manager
Traffic Engineering Division

PHONE NUMBER: (407) 836-7890

SUBJ: **Installation of a Traffic Signal at Lake Nona Boulevard and Wyndham Lakes Boulevard**

A concerned citizen requested that Orange County Traffic Engineering install a traffic signal at the intersection of Lake Nona Boulevard and Wyndham Lakes Boulevard.

A signal study was conducted which consisted of an evaluation of existing field conditions including critical approach speed, sight distance, traffic volumes, and crash history. For a traffic signal to become warranted, it must meet at least one of the nine traffic signal warrants published in the Manual of Uniform Traffic Control Devices (MUTCD). The traffic signal warrant analysis shows that conditions were satisfied for Warrant 2 (Four Hour Vehicular Volume) and Warrant 7 (Crash History) based on existing conditions.

Staff recommends that the Board approve the installation of a traffic signal at the intersection of Lake Nona Boulevard and Wyndham Lakes Boulevard.

Action Requested: Approval of Traffic Signal installation at Lake Nona Boulevard and Wyndham Lakes Boulevard. District 4.

MVM/CNL/HMB/nad

Attachments

Wyndham Lakes Boulevard Consent Agenda District Map



District 4: Commissioner Jennifer Thompson



Wyndham Lakes Boulevard Consent Agenda Location Map



Proposed Signal
District 4: Commissioner Jennifer Thompson