Centennial FDOT 1915 ★ 2015

Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JIM BOXOLD
SECRETARY

MEMORANDUM

Date: April 1, 2015

To: District Directors of Operations
District Traffic Operations Engineers
District Maintenance Engineers
District Design Engineers

From: Mark C. Wilson, P.E., Director, Office of Traffic Engineering & Operations
Robert Robertson, P.E., State Structures Design Engineer

Copies: Brian Blanchard, Tom Byron, Duane Brautigam, Tim Lattner, District Secretaries

Subject: Guidance on Installation of Overhead Photo Enforced Signs

The recently updated (January 2015) *Traffic Infraction Detector Placement and Installation Specifications* require the installation of an overhead photo enforced sign. This memorandum provides guidance on the process for the Districts to follow when considering the installation of the photo enforced sign.

When the Department receives a permit request to install the photo enforced sign, the Districts will (a) review the general age of the signal structure on which the sign is to be mounted, (b) compare the code requirements for wind analysis at the time of original design to the current requirements, (c) consider existing ancillary devices on the pole structure and (d) any other aspect for ensuring the integrity of the structure. The District will then evaluate if detailed structural calculations should be performed. Based on the evaluation, a determination should be made on whether the photo enforced sign should be installed or a structural analysis performed.

If the District concludes that the structural analysis needs to be performed, as an alternate to the analysis, the photo enforced sign may be mounted overhead on the vertical pole of the mast arm structure or on the strain pole, in which case further analysis will not be needed.

Please forward the documents to the local maintaining agencies in your Districts.