



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JIM BOXOLD
SECRETARY

ROADWAY DESIGN BULLETIN 15-10

(FHWA Approved: July 2, 2015)

DATE: July 08, 2015

TO: District Directors of Transportation Operations, District Directors of Transportation Development, District Design Engineers, District Consultant Project Management Engineers, District Construction Engineers, District Maintenance Engineers, District Geotechnical Engineers, District Structures Design Engineers, District Roadway Design Engineers, District Traffic Operations Engineers, Program Management Engineers

FROM: Michael Shepard, P.E., State Roadway Design Engineer

A handwritten signature in blue ink, appearing to read "Michael Shepard".

COPIES: Brian Blanchard, Tom Byron, David Sadler, Tim Lattner, Trey Tillander, Mark Wilson, Bruce Dana, John Krause, Robert Robertson, Bob Crim, Rudy Powell, Greg Schiess, Nicholas Finch (FHWA), Jeffrey Ger (FHWA), Chad Thompson (FHWA), Phillip Bello (FHWA)

SUBJECT: **Temporary Traffic Control – Warning Lights and Flags**

REQUIREMENTS

1. Delete *Plans Preparation Manual*, Volume 1, Chapter 10, Section 10.8.1 and leave it intentionally blank.
2. Change *Plans Preparation Manual*, Volume 1, Chapter 10, Section 10.6, Item 2 to read as follows:
 2. Lighting units (arrow panels, illumination devices, temporary signals and changeable message signs)

COMMENTARY

Do not show warning lights or flags in the plans. Remove all warning light tabulated quantities from the Summary of Temporary Traffic Control Devices.

Article 102-9 of the *FDOT Specifications* has been updated to prohibit the use of warning lights on temporary traffic control devices. Type C barrier wall mounted lights were previously removed

(refer to Roadway Design Bulletin 14-06) effective with July 2014 eBook. Type A (Low intensity, flashing warning lights), Type B (High intensity flashing warning lights), and Type C (steady burn warning lights) will no longer be allowed on temporary traffic control devices beginning with the January 2016 Letting.

Article 102-9 requires the Channelizing Device Supplier to maintain the condition of the temporary traffic control devices beginning with the July 2015 Letting.

The 2016 Design Standards Index 600 Series has been updated to reflect the removal of warning lights and flags from work zone signs and the removal of warning lights from temporary traffic control devices.

BACKGROUND

In 2013, the Texas Transportation Institute (TTI) performed a study for the Department (TTI Report 478660; FDOT Report BDR74977-01) which evaluated the effectiveness of warning lights on temporary traffic control devices. The final recommendation was to discontinue application of warning lights in all work zones. Retroreflective sheeting materials used today provides adequate delineation for signing and channelizing devices.

IMPLEMENTATION

The requirements of this bulletin are mandatory for all projects beginning with the January 2016 Letting.

CONTACT

Gevin McDaniel, P.E.
Roadway Design Standards Administrator
Florida Department of Transportation
605 Suwannee Street, MS 32
Tallahassee, FL 32399-0450
Phone (850) 414-4284
gevin.mcdaniel@dot.state.fl.us

gjm