



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

March 24, 2021

DCE MEMORANDUM NO. 21-05

(FHWA Approved: 3/22/2021)

TO: DISTRICT CONSTRUCTION ENGINEERS

FROM: Dan Hurtado, P.E., Director, Office of Construction

DocuSigned by:
Dan Hurtado
C42B6FE133D643A...

COPIES: Will Watts, Ananth Prasad, Tim Lattner, Stefanie Maxwell, Chad Thompson

SUBJECT: SPECIFICATION 102 REVISION (MAINTENANCE OF TRAFFIC)

The Department has revised Standard Specification Section 102 Maintenance of Traffic to modify the requirements for the deployment of Automated Flagger Assistance Devices (AFADs).

The revised language was implemented in the July 2021 Standard Specifications, which is also included in the attachment below.

This memorandum serves as a blanket approval to process a \$0.00 contract change to incorporate the above referenced revisions and should be attached to the Work Order or Supplemental Agreement.

Should you have any questions, please contact Olivia Townsend at 850-414-4303.

DH/ot

Attachment

MAINTENANCE OF TRAFFIC (REV 11-19-20)

SUBARTICLE 102-9.19 is deleted and the following substituted:

102-9.19 Automated Flagger Assistance Devices (AFAD): Furnish, install, maintain, remove, and relocate AFADs in accordance with the Plans, Standard Plans, Index 102-603, and APL vendor drawings.

Position AFADs where they are clearly visible to oncoming traffic. AFADs may be placed on the centerline if they have been successfully crash tested in accordance with MASH TL-3 criteria. A gate arm is required in accordance with Section 990 if a single AFAD is used on the shoulder to control one direction of traffic.

The devices may be operated either by a single flagger at one end of the traffic control zone, from a central location, or by a separate flagger near each device location. Use only flaggers trained in accordance with Section 105 and in the operation of the AFAD. When in use, each AFAD must be in view of, and attended at all times by, the flagger operating the device.

Provide two flaggers on-site and use one of the following methods in the deployment of AFADs:

1. Place an AFAD at each end of the temporary traffic control zone, or
2. Place an AFAD at one end of the temporary traffic control zone and a flagger at the opposite end.

A single flagger may simultaneously operate two AFADs as described in (1) or a single AFAD as described in (2) if all of the following conditions are met:

1. The flagger has an unobstructed view of the AFAD(s),
2. The flagger has an unobstructed view of approaching traffic in both directions,

3. In the event of an AFAD malfunction, restore normal flagging operations with flaggers or immediately cease the flagging operation and reopen the roadway.

AFADs may be either a remotely controlled Stop/Slow AFAD mounted on either a trailer or a movable cart system, or a remotely controlled Red/Yellow Lens AFAD.

Illuminate the flagging station when the AFAD is used at night. When the AFAD is not in use, remove or cover signs and move the AFAD device outside the clear zone or shield it with a barrier.

AFADs will not be paid for separately. AFADs may be used as a supplement or an alternate to flaggers in accordance with the Plans, Standard Plans, Index 102-603, and the APL vendor drawings. Include the cost for AFADs in Maintenance of Traffic, Lump Sum.