



TRANSPORTATION  
DEPARTMENT

mesaaz.gov

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Date: May 13, 2020

Subject: Automated Flagger Assistance Device (AFAD) Guidelines

To whom it may concern,

The City of Mesa Transportation Department has implemented the following guidelines regarding the use of Automated Flagger Assistance Devices in City right-of-way.

**Automated Flagger Assistance Device (AFAD)**

Automated Flagger Assistance Device (AFAD) operations must abide by the standards set forth in the MUTCD Sections 6E.04-06.

AFADs are remotely operated traffic control devices enabling flaggers to be positioned out of the traffic lane(s) and are used to control traffic in advance and within work zones. These devices are designed to be remotely operated. AFAD configurations using stop/slow or red/yellow lens applications are permitted in the City.

AFAD operators shall be flagger certified in accordance with Section 5.2 of the City of Mesa Temporary Traffic Control Manual. An AFAD shall be remotely operated by an operator who is trained in the operation of AFADs. The operator shall not leave the AFADs unattended while they are in use. The use of AFADs shall conform to the methods noted in the MUTCD Section 6E.04. Additionally, a single AFAD operator may operate more than two AFAD devices as approved by TTC Staff and/or the City Traffic Engineer.

AFADs can be used on local and collector roadways with a single lane of traffic per direction, posted speed of 35 MPH or less, and where traffic volumes do not exceed 5,000 vehicles a day. AFADs should be placed along the shoulder section of the roadway and not in conflict with traffic or traffic control devices such as traffic signals or pedestrian hybrid beacons. Maximum spacing between devices should not exceed 800 feet.

A fail-safe plan addressing malfunction of an AFAD must be in place and submitted to Temporary Traffic Control Staff prior to permit approval.

If you have any questions regarding these guidelines, please contact TTC Staff at (480) 644-4882.

Sincerely,

Craig Brisbois  
Traffic Control Supervisor

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