

Inspector Quantlist Report 20260427

Diary Number: _____ Inspector Name: _____

TRACS Number: _____ Date: _____

Division VII: Traffic Control Facilities

Title: Automated Flagger Devices and Portable Traffic Control Signals

Route Name:	Location:
Traffic Control Plan Number:	Equipment Numbers:
Contractor's Certified Traffic Control Supervisor:	Contractor's Traffic Control Coordinator:
Type of AFAD device being used (STOP/SLOW or RED/YELLOW Lens):	

Attribute Numbers	Yes, No, N/A	Narratives	References
0.		Have all stakeholders participated in the pre-activity meeting?	See Project Special Provisions for pre-activity meeting requirements
1.		Has the contractor provided the Engineer with the name of the contractor's employee who is responsible for implementing, monitoring, and altering, as necessary, the traffic control plan?	2021 Standard Specifications 701- 3.01 pg. 698
2.		Has the contractor provided the Engineer with a current MOT/TCP designers certification? (This can be either an employee of the contractor, and or a licensed professional Engineer registered in the State of Arizona, that has completed the IMSA or ATTSA Traffic Control Design Specialist Certification)	2021 Standard Specifications 701-1 (A)(B) pg. 693
3.		Has the contractor supplied the Engineer with a letter certifying that the Category I and II traffic control devices meet NCHRP Report 350 or MASH criteria?	2021 Standard Specifications 701-2.01 (B)(1) pg. 694
4.		Do the contractor's and ADOT's traffic control representatives have a current copy of the approved traffic control plan(s) including modifications?	2021 Standard Specifications 701-1 pg. 693
5.		Has the Contractor furnished verification that all civilian flaggers have completed American Traffic Safety Services Association (A.T.S.S.A.) or by the National Safety Council shall be acceptable. The certification program is current (good for 4 years)?	2021 Standard Specifications 701-3.13 pg. 708
6.		Are all signs vertically mounted at right angles to the direction of, and facing, the traffic that they are intended to serve?	MUTCD 11th Edition Sec. 2A.17 pg. 60
7.		Are all AFADs used noted on the Approved Traffic Control Plan?	Stored Specifications 7017001 3.0

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8.		Are the AFADs being operated by a trained team of certified flaggers? (one flagger may operate both AFADs if the flagger has an unobstructed view of both AFADs and approaching traffic in both directions)	MUTCD 11th Edition Sec. 6L.02 pg. 825 Stored Specifications 7017001 1.0 (A)
9.		Are flaggers and AFADs positioned out of the lane of traffic?	MUTCD 11th Edition Sec. 6L.02 pg. 825
10.		If AFADs are being used at night, are they illuminated in accordance with MUTCD Section 6D.06?	MUTCD 11th Edition Sec. 6L.02 pg. 825
11.		Is the AFADs STOP/SLOW sign, an octagonal shape, fabricated of rigid material, mounted with the bottom of the sign a minimum of 6 feet above the pavement, on an appropriate support?	MUTCD 11th Edition Sec. 6L.03 pg. 826
12.		Is the AFADs STOP/SLOW sign size at least 24 x 24 inches with letters at least 8 inches high?	MUTCD 11th Edition Sec. 6L.03 pg. 826
13.		Is the background of the STOP face red with white letters and border?	MUTCD 11th Edition Sec. 6L.03 pg. 826
14.		Is the background of the SLOW face a diamond-shaped and orange with black letters and border?	MUTCD 11th Edition Sec. 6L.03 pg. 826
15.		Are both faces of the STOP/SLOW sign retroreflectorized?	MUTCD 11th Edition Sec. 6L.03 pg. 826
16.		Does the AFADs STOP/SLOW sign have a means to positively lock, engage, or otherwise maintain the sign assembly in a stable condition when set in the STOP or SLOW position?	MUTCD 11th Edition Sec. 6L.03 pg. 826
17.		Is the AFADs STOP/SLOW sign supplemented with active conspicuity devices by incorporating either option A or B of the MUTCD?	MUTCD 11th Edition Sec. 6L.03 pg. 826
18.		Do all AFADs use a gate arm with retroreflectivity in accordance with the MUTCD?	Stored Specifications 7017005 2.0 (A) MUTCD 11th Edition Sec. 6L.03 pg. 826, 6L.04 pg. 828
19.		Do Red/Yellow Lens AFADs have at least one set of CIRCULAR RED and CIRCULAR YELLOW lenses that are 12 inches in diameter?	MUTCD 11th Edition Sec. 6L.04 pg. 828
20.		When the Red/Yellow Lens AFAD's set of lenses are post-mounted, is the bottom of the housing (including brackets) at least 7 feet above the pavement?	MUTCD 11th Edition Sec. 6L.04 pg. 828
21.		When the Red/Yellow lenses are located over any portion of the highway the bottom of the housing (including brackets) are at least 15 feet above the pavement?	MUTCD 11th Edition Sec. 6L.04 pg. 828
22.		Do the AFADs include a gate arm that can descend across the approach lane; at least to the center of the lane being controlled?	MUTCD 11th Edition Sec. 6L.04 pg. 830

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23.		Are the AFADs equipped with conflict monitors and have the ability to print out the last ten events?	Stored Specifications 7017005 3.02
24.		Did the contractor install the AFADs in accordance with the manufacturer's instructions and recommendations and to the satisfaction of the Engineer?	Stored Specifications 7017005 3.01
25.		Do the Temporary Portable Traffic Control (TPTC) signals have an operational plan?	Stored Specifications 7017020 3.0
26.		Were flaggers used to control traffic during the startup of the TPTCs signal system and at any time in which mode changes occur? (such as switching from automatic to manual or vice versa)	Stored Specifications 7017020 3.0
27.		Are the TPTCs signal heads positioned over a roadway and mounted a minimum of 15 feet from the bottom of the signal head above the road surface? (All other side mount signal heads are mounted so that the bottom of the signal head is at least 8 feet above the ground surface)	Stored Specifications 7017020 3.01
28.		Is the Approved Traffic Control plan being followed?	2021 Standard Specifications 701-1 pg. 693
29.		Is the Quantlist Minimum Frequency being followed, one per week, per location?	Construction Bulletin 07-01