

Traffic Control Flagging Stations 20220503

Diary Number: _____ Inspector Name: _____

TRACS Number: _____ Date: _____

Division VII: Traffic Control Facilities
Title: Traffic Control Flagging Stations

Route Name:
Location:
Traffic Control Plan Number:
Type of Flagging Devices (Radio, Pilot Vehicles, Stop/ Slow paddles, Traffic Signals, or Other Type):
Type of Automated Flagger Assistance Devices being used [AFAD] (Stop/ Slow paddles or Red/Yellow traffic Light):
Certified Traffic Control Supervisor
Traffic Control Coordinator:
Equipment Numbers:

Attribute Numbers	Compliance	Narratives	References
0.		<p>All stakeholders have participated in the pre-activity meeting (which can be combined with other pre-activity).</p> <p><u>Standard Specifications</u> Sub-section 701-3.01 Page 698</p>	<p>Standard Specifications 2021 701-3.01</p>
1.		<p>The contractor has 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.</p> <p><u>Standard Specifications</u> Sub-section 701-3.01 Page 698</p>	<p>Standard Specifications 2021 701- 3.01</p>
2.		<p>The Contractor has provided ADOT with the name of the employee/professional Engineer registered in Arizona that has completed the ATSSA or the IMSA and is "certified" (Certification needs to be valid throughout the project for the person that is creating the plan).</p> <p><u>Special Provisions Section</u> 108.03 (108PRCN, 05/03/16) <u>Standard Specifications</u> Section 701-1 (A) Page 693 <u>Standard Specifications</u> Section 701-1 (B) Page 693 <u>Manual on Uniform Traffic Control Devices</u> 6C.01 Line 03 Page 551</p>	<p>Standard Specifications 2021 701-1</p>

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3.		<p>The Contractor has supplied the ADOT field office with a letter certifying that the traffic control devices meet NCHRP Report 350 criteria or M.A.S.H. (Manual for Assessing Safety Hardware) requirements.</p> <p><u>NCHRP Report 350</u> <u>Traffic Control Design Guideline Page 5</u> <u>Manual for Assessing Safety Hardware (M.A.S.H.) Standard Specifications 2021 Sub-Section 701- 2.01 (B)(1) Page 694</u></p>	Standard Specifications 2021 701-2.01 (B)(1)
4.		<p>The Contractor has submitted at the Pre-Construction conference, a Certificate of Compliance for the changeable message boards to be used on the project.</p> <p><u>Standard Specifications 701- 3.08 Page 705</u></p>	Standard Specifications 2021 701-3.08
5.		<p>The contractor's and ADOT's traffic control representatives have a current copy of the approved traffic control plan(s) including modifications.</p> <p><u>Standard Specifications Sub-section 701-1 Page 693</u></p>	Standard Specifications 2021 701-1
6.		<p>The Contractor has 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).</p> <p><u>ARS § 28-653</u> <u>Standard Specifications 701-3.13 Page 708</u> <u>Special Provisions 701-3.13</u> <u>MUTCD 6E.01 Page 566</u></p>	Standard Specifications 2021 701-3.13
7.		<p>When the Automated Flagger Assistance Device (A.F.A.D.) is being used; it is noted on the Approved Traffic Control Plan.</p> <p><u>MUTCD 6E.04 Line Page or 6E.05 Line Page</u></p>	Special Provision 7017001
8.		<p>When the AFAD is used, it is operated by a trained team of two flaggers (one flagger if conditions permit, no stations shall be left unattended). Flaggers are certified by the International Municipal Signal Association (IMSA), ATSSA, or an approved equal, in accordance with ADOT Standard Specification 701-3.13.</p> <p><u>Special Provision 7017001 1.0 (B)</u> <u>Special Provision 7017001 3.0</u> <u>MUTCD 6E.04 Page 567 or 6E.05 Page 569</u></p>	Special Provision 7017001 1.0 (B)
9.		<p>When Automated Flagger Assistance Devices are used; it is positioned out of the lane of traffic and is used to control road users through temporary traffic control zones. The Flagger (Operator) is in a position within the Flagging zone.</p> <p><u>Manual on Uniform Traffic Control Devices 6E.04 Line 01 Page 567</u></p>	MUTCD 6E.04

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10.		<p>When the AFADs are used at night, they are illuminated in accordance with Section 6E.08.</p> <p><u>Manual on Uniform Traffic Control Devices</u> 6E.04 Line 05 Page 568</p> <p><u>Manual on Uniform Traffic Control Devices</u> 6E.08 Line 04 Page 575</p>	MUTCD 6E.04
11.		<p>The AFAD's STOP/SLOW sign has an octagonal shape, is fabricated of rigid material, and mounted with the bottom of the sign a minimum of 6 feet above the pavement on an appropriate support.</p> <p><u>Manual on Uniform Traffic Control Devices</u> 6E.05 Line 02 Page 569</p>	MUTCD 6E.05
12.		<p>The AFAD's STOP/SLOW sign size of the STOP/SLOW sign is at least 24 x 24 inches with letters at least 8 inches high. The background of the STOP face is red with white letters and a border. The background of the SLOW face is diamond-shaped and orange with black letters and a border. Both faces of the STOP/SLOW sign are retro reflectorized.</p> <p><u>Manual on Uniform Traffic Control Devices</u> 6E.05 Line 02 Page 569</p>	MUTCD 6E.05
13.		<p>In lieu of a stationary STOP/SLOW sign on the AFADs with a separate gate arm, the STOP/SLOW sign may be attached to a mast arm that physically blocks the approach lane of traffic when the STOP face is displayed and then moves to a position that does not block the approach lane when the SLOW face is displayed.</p> <p><u>Manual on Uniform Traffic Control Devices</u> 6E.05 Line 02 Page 569</p>	MUTCD 6E.05
14.		<p>Red/Yellow Lens AFADs have at least one set of CIRCULAR RED and CIRCULAR YELLOW lenses that are 12 inches in diameter. The lenses and their arrangement, CIRCULAR RED on top and CIRCULAR YELLOW below, comply with the applicable provisions for traffic signal indications in Part 4.</p> <p><u>Manual on Uniform Traffic Control Devices</u> 6E.06 Line 02 Page 571</p>	MUTCD 6E.06
15.		<p>The AFADs, if the set of lenses is post-mounted, the bottom of the housing (including brackets) shall be at least 7 feet above the pavement. If the set of lenses is located over any portion of the highway that can be used by motor vehicles, the bottom of the housing (including brackets) shall be at least 15 feet above the pavement.</p> <p><u>Manual on Uniform Traffic Control Devices</u> 6E.06 Line 02 Page 571</p>	MUTCD 6E.06

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16.		<p>A Red/Yellow Lens AFAD that includes a gate arm that descends to a down position across the approach lane of traffic when the steady RED light is illuminated. A flashing YELLOW light illuminates as it ascends to its upright position. The gate arm is retro reflectorized on both sides, and has vertical alternating red and white stripes at 16-inch intervals measured horizontally as shown in Figure 8C-1.</p> <p><u>MUTCD 6E.06 Line 04 Page 571</u></p>	MUTCD 6E.06
17.		<p>The AFADs are equipped with conflict monitors and have the ability to print out the last ten events. Conflicts for a single unit, but are not limited to, a burnt-out lamp, gate arm conflicting with display, loss of power or low voltage, or both (red and yellow) lights on at the same time or loss of Communication between Units.</p> <p><u>Special Provision 7017001 \ 7017005 3.02</u></p>	Special Provision 7017005 3.02
18.		<p>The Temporary and Portable Traffic Control (TPTC) signals have an operational plan which is not limited to, the TPTC signals and their locations, signal malfunction protocol, and the contractor or law enforcement response to a malfunction, and is approved by the Engineer.</p> <p><u>Special Provision 7017020 \ 7017025 3.0</u> <u>Special Provision 7017020 \ 7017025 3.01</u></p>	Special Provision 7017020 3.0
19.		<p>The Temporary and Portable Traffic Control will have Flaggers used to control traffic during the startup of the signal system and at any time in which mode changes occur, such as from automatic to manual or vice versa.</p> <p><u>Special Provision 7017020 \ 7017025 3.0</u></p>	Special Provision 7017020 3.0
20.		<p>The TPTC signals are installed in accordance with the manufacturer's instructions and recommendations. Signal heads are 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.</p> <p><u>Special Provision 7017020 \ 7017025 3.01</u></p>	Special Provision 7017020 3.01
21.		<p>Flaggers are adjacent to the travel lane on the shoulder or inside a closed lane, and visible to approaching traffic.</p> <p><u>Manual on Uniform Traffic Control Devices 6E.07 Line 06 Page 573</u> <u>Manual on Uniform Traffic Control Devices 6E.08 Line 01 Page 575</u></p>	MUTCD 6E.08
22.		<p>Workers are not congregating around the flagger station (the flagger is standing alone). Parked vehicles are not in the Clear Zone {Roadway Recovery Zone}.</p> <p><u>Manual on Uniform Traffic Control Devices 6E.07 Line 06 Page 573</u></p>	MUTCD 6E.07
23.		<p>Flaggers can communicate with each other by Radio or hand signals.</p> <p><u>Manual on Uniform Traffic Control Devices 6C.11 Line 01 Page 558</u></p>	MUTCD 6C.11

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24.		<p>Nighttime: Flaggers wear Class 3 safety apparel meeting ANSI/ISEA 107-2004 and are equipped with retro-reflective stop/slow paddles.</p> <p><u>Manual on Uniform Traffic Control Devices</u> 6E.02 Line 02 Page 566</p>	MUTCD 6E.02
25.		<p>Flagger stations are illuminated at night; lighting does not produce a glare condition to the road users or the flagger.</p> <p><u>Manual on Uniform Traffic Control Devices</u> 6E.08 Line 04 Page 575</p>	MUTCD 6E.08
26.		<p>Advanced Flagger signs and spacing are correct per MUTCD Chapter 6H, Typical Applications (TA 10, 13, 14, or 16) or Traffic Control Design Guideline SA-3 or the approved Traffic Control plans.</p> <p><u>Manual on Uniform Traffic Control Devices</u> 6H.01 Page 631 <u>Traffic Control Design Guideline</u> SA-3 Page A3</p>	MUTCD 6H.01
27.		<p>Flagger signing is removed or covered when not in use.</p> <p><u>Standard Specifications</u> Sub-section 701-1 Page 693 <u>Manual on Uniform Traffic Control Devices</u> 6B.01 Line 09 Page AZ71</p>	Standard Specifications 2021 701-1
28.		<p>The pilot vehicle has a “Pilot Car Follow Me” (6F.58) sign mounted per MUTCD and ADOT’s Traffic Control Guidelines SA-3.</p> <p><u>Manual on Uniform Traffic Control Devices</u> 6C.13 Line 03 Page 560 <u>Manual on Uniform Traffic Control Devices</u> Figure 6F-4 G20-4 Page 590 <u>Traffic Control Design Guideline</u> SA-3 Page A3</p>	MUTCD 6C.13
29.		<p>The sign stands, spring stands, and embedded posts are vertical.</p> <p><u>Manual on Uniform Traffic Control Devices</u> 2A.20 Line 01 Page 43</p>	MUTCD 2A.20
30.		<p>Where practicable, spring stands are not used for more than three days (replace with embedded posts). When signs are used for long-term stationary work, they should be placed on posts.</p> <p><u>Standard Specifications</u> Sub-section 701-3.02 Page 699 <u>MUTCD</u> 6F.03 Line 11 Page 581 <u>Traffic Control Design Guideline</u> Page 5 Construction Bulletin 11-07 https://azdot.gov/business/engineering-and-construction/construction/construction-bulletins</p>	Construction Bulletin 11-07
31.		<p>All signs are mounted at right angles to the direction of traffic and facing the traffic they are intended to serve.</p> <p><u>Manual on Uniform Traffic Control Devices</u> 2A.20 Line 01 Page 43 <u>Manual on Uniform Traffic Control Devices</u> 6F.04 Line 01 Page 583</p>	MUTCD 2A.20

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32.		<p>When Flagging is being used for Blasting, the project has an approved Blasting plan with traffic control included.</p> <p><u>Manual on Uniform Traffic Control Devices</u> 6F.40 Page 594</p>	MUTCD 6F.40
33.		<p>If a flagging operation is being used for a Blasting area, the "Blasting Areas" have the signs Warning Drivers to turn off electrical devices and Blasting Warning signing (6F.41 and 6F.43).</p> <p><u>Manual on Uniform Traffic Control Devices</u> 6F.40 Page 594</p> <p><u>Manual on Uniform Traffic Control Devices</u> 6F.41, 6F.42, 6F.43 Page 595</p>	MUTCD 6F.40
34.		<p>The Approved Traffic Control plan is being followed.</p> <p><u>Standard Specifications</u> 701-1 Page 693</p>	Standard Specifications 2021 701-1
35.		<p>Quantlist Minimum Frequency is being followed, one per week.</p>	Construction Bulletin 07-01