

ADOT Traffic Technical Issues Meeting Minutes

Tuesday, September 18, 2018

10:00 AM – 11:00 AM

ADOT Human Resources Development Center (HRDC), 1130 N. 22nd Avenue, Phoenix AZ
Grand Canyon Rooms 1 & 2

AGENDA ITEM 1: Introductions

- William Faber welcomed attendees to the ADOT Traffic Technical Issues Meeting. Attendees introduced themselves; there were 38 people at the meeting.

AGENDA ITEM 2: Change to Standard Drawing S-9 Sheet 3 of 3

Discussion:

- The Signing and Marking Standard Drawing S-9 Sheet 3 of 3 was revised in September 2018.
- The drawing will be updated on the ADOT website.
- The revisions update the border.
- The revisions update the note:
 - Original note: “Band type clamps should be used only for sign panels of 12 square feet or less.”
 - Revised note: “Band-type clamps shall only be used if the total area of signs mounted to the clamps is 6.25 square feet or less.”
- The revisions were requested because ADOT Signing and Striping Supervisors were noticing failures of band-type mounting brackets for larger signs.
- A meeting attendee asked if there were alternative types of sign mounting hardware to the band-type mounting brackets for round poles. Another attendee stated that there are alternatives.
- An attendee recommended that the size of the square representing a sign on the standard drawing should be reduced to be representative of the new size restriction.
- The Signing and Marking Standard Drawings are located here:

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<https://www.azdot.gov/business/engineering-and-construction/traffic/signing-and-marking-standard-drawings>

AGENDA ITEM 3: Revised Sheet 1B Sheet 2 of 2

Discussion:

- The 1B sheets showing ADOT Standard Drawings for Traffic Signing and Marking Standards have been updated on the ADOT website to show the revision to drawing S-9 sheet 3 of 3.

- The 1B sheets are located here:

<https://www.azdot.gov/business/engineering-and-construction/traffic/cadd-standards>

AGENDA ITEM 4: Flashing Stop/Slow Paddles

Discussion:

- ADOT is now using flashing stop/slow paddles for flagging at night.
- Flashing stop/slow paddles must meet requirements of MUTCD Section 6E.03.
- A special provision produced by ADOT for stop/slow paddles is attached in the appendix.
- An ADOT attendee stated that the flashing stop/slow paddles do not have a specific item number.

Action:

- Designers should include flashing stop/slow paddles on projects where there will be flagging at night.

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AGENDA ITEM 5: Temporary Rumble Strip Discussion

Discussion:

- There have been requests to use temporary rumble strips on ADOT projects.
- ADOT has no specifications or guidance for temporary rumble strips.
- An attendee stated that temporary transverse rumble strips were used on the Silver King and Superior Streets project in Superior.
- Designers thinking about using temporary rumble strips should contact the project manager to talk about the use of the product.

AGENDA ITEM 6: Lump Sum Traffic Control Discussion

Discussion:

- ADOT will be using lump sum traffic control on some projects.
- ADOT has approximately 60 projects that may use lump sum traffic control.
- These projects are mostly smaller, less-complex projects including chip seal.
- An ADOT attendee said that designers should make sure to include phasing when working on projects with lump sum traffic control.
- An ADOT attendee cautioned designers that are working on lump sum traffic control to work with approvers within the ADOT District and Regional Traffic Offices to verify quantities, especially for costly items. Designers should be especially cautious about truck-mounted attenuators and message boards.
- An ADOT attendee said that he has continued to use itemized traffic control estimates as a backup.

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AGENDA ITEM 7: Arizona Manual of Approved Signs Update

Discussion:

- ADOT Maintenance brought up a concern about the Manual of Approved Signs (MOAS). Some of the PDF layouts show the sign that was clicked on and other signs. Some field personnel have recorded incorrect sign codes.
- To reduce confusion, the PDF documents have been changed to only show the layout for the sign the user clicked on.
- The MOAS has been updated and is located here:
<https://www.azdot.gov/business/engineering-and-construction/traffic/manual-of-approved-signs>

Action:

- Review the updated MOAS and if any errors are discovered, please contact William Faber at wfaber@azdot.gov.

AGENDA ITEM 8: Traffic Control Design Guidelines

Discussion:

- The ADOT Traffic Control Design Guidelines are being revised by a working group made up of ADOT employees and contractors.
- The document will be published before the end of the year.
- An attendee suggested looking at proposed MUTCD changes to incorporate into the Traffic Control Design Guidelines.
- A draft of the document will be sent to the Technical Issues Meeting attendee list when it is available.

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Action:

- Please review the draft of the Traffic Control Design Guidelines and provide comments by October 17, 2018.

AGENDA ITEM 9: Announcements/Items of Interest

The next Technical Issues Meeting was scheduled for November 20, 2018 during the Thanksgiving week. After surveying the attendees, the meeting will be rescheduled to avoid that week.

AGENDA ITEM 10: Adjourn

There being no other items, the meeting was adjourned.

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Appendix

ADOT Flashing Stop/Slow Paddle Information

Add the following sentence to Item 7016075 – Flagging Services (Civilian):

At night, flaggers shall use STOP/SLOW paddles with flashing lights on the STOP and SLOW faces per Subsection 6E.03 of the Manual on Uniform Traffic Control Devices (MUTCD).