



Arizona Department of Transportation

INTERMODAL TRANSPORTATION DIVISION
Construction Group

CONSTRUCTION BULLETIN 11-07

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Date: October 26, 2011

From: Julio Alvarado, Assistant State Engineer, Construction

Subject: Traffic Control

Temporary Traffic Control Compliance

Purpose

To reinforce certain traffic control practices to ensure compliance with the Standard Specifications, the Manual on Uniform Traffic Control Devices (MUTCD) and ADOT Supplements. Also, to review existing procedures and tools for enforcement of the same.

Background

A number of instances have recently been observed where traffic control has not been consistently maintained or removed in a timely manner.

Observations

The following are opportunities for improvement based on recent visits to projects and public feedback.

Traffic Control (TC) Plans

- Work shall not proceed without an approved Traffic Control Plan.
- Traffic Control Plans shall be kept current. All modifications shall be noted on the plan and initialed by the Resident Engineer (RE).
- The approved Traffic Control Plans shall be kept in the project files and include their dates of use. A copy of the current TC plan should be carried by all inspectors and the ORG's designated Traffic Control Supervisor.
- The use of MUTCD Typical Applications (TA) is not allowed (i.e., "Use TA5"). Each traffic control plan shall be specific to the work location and include all dimensions.
- The plan shall include all approved Variable Message Sign worksheets (see attached).

Sign Posts

- Temporary sign mounts should not be used more than three (3) days. Signs should be mounted on embedded posts, if practical, should they be in place more than three (3) days (MUTCD Section 2A.20). Blue staking shall be requested as soon as it is anticipated that posts are required. It is the contractor's responsibility to obtain blue staking.
- Sign posts, both temporary and embedded, shall be vertical.
- Sign mounting heights must comply with the sign stands' NCHRP 350/MASH crashworthiness certifications.

Truck-Mounted Attenuators

- Truck-mounted attenuators shall be configured to comply with the NCHRP 350/MASH certification, including truck weight.
- The vehicles are to only be used for attenuation, not to transport materials.
- Ensure the driver and the workers shadowed are aware of, and comply with, the truck's specific roll ahead distance.

Set-up & Take-Down

- Ensure all signing in the approved TC plan has been delivered prior to allowing closure/detour to be set up.
- Ensure that all Temporary Traffic Control (TTC) devices are picked up and removed within two (2) hours of completion of work. If work is completed earlier than the scheduled time, have a clear notification procedure so that all devices are picked up and removed within four (4) hours of completion of work.
- Traffic Control devices shall be picked up and removed from the Clear Zone when not in use. Do not store or stockpile within the Clear Zone.

Inspection

- A traffic control Pre-Activity meeting should be conducted at the beginning of the project. Subsequently, the topic should be addressed at weekly meetings.
- All construction personnel should be observant for deficient traffic control (downed barricades, inoperative lights, obstructions, devices no longer in use, dirty/scratched/unreadable signs/barricades, etc.) The Traffic Control Supervisor should be promptly notified when problems are discovered.
- Each Construction Org shall have a designated Traffic Control Supervisor, whose responsibilities include routine monitoring of temporary traffic control set ups and device

counts. This person shall promptly notify both the Resident Engineer and the Contractor of all noncompliance items, and record them in a daily diary. Daily diary entries shall also document corrective actions taken. Quantlists shall be used.

- Signs and devices that do not meet standards, especially night time reflectance, shall be removed and replaced within one working day of notice.
- In addition, the TC Supervisor shall complete a [Noncompliance Notice](#) for all deficient traffic control and furnish it to contractor (see attached).
- Continued noncompliance, or corrective actions that are not done promptly, shall be escalated.

Payment

- In accordance with 701-4.03(A)&(B), there will be no payment for devices during the period of noncompliance. When traffic control is brought into compliance with the Traffic Control Plan, payments may resume. However, there is no payment allowed for the period of non-compliance.

Traffic Control topics should be addressed early. The preconstruction conference is an excellent forum to accomplish that. Key personnel (including any TTC subcontractor supervisors), and contact numbers should be provided and responsibilities identified. Emphasis should be placed on keeping the listing current at all times.

Attachments:

VMS Worksheet
Noncompliance Notice

VMS WORKSHEET

TRACS NUMBER: _____

LOCATION: _____

DATE(S) OF USE: _____

PHASE
1

1 2 3 4 5 6 7 8

PHASE
2

1 2 3 4 5 6 7 8

NOTE: PHASE 3 IS TO BE USED ONLY ON LOW SPEED ROADWAYS.

PHASE
3

1 2 3 4 5 6 7 8

APPROVED: _____

DATE: _____



ARIZONA DEPARTMENT OF TRANSPORTATION
NONCOMPLIANCE NOTICE

FROM: _____

TO: _____

DATE: _____
TIME: _____

TRACS NO: _____
PROJECT NAME: _____
CONTRACTOR: _____

You are hereby notified that tests inspection indicates that the:

does not conform to the contract requirements.

Refer to Section _____ Paragraph _____ Drawing No/Detail _____ Other _____
of the _____

Under these provisions, the requirements are: _____

Noncomplying work shall be removed/replaced/corrected at no cost to the Department. It shall be the contractor's responsibility to determine the corrective action necessary and to submit a correction plan for approval.

ADOT Representative

Noncompliance notice was received by the Contractor on _____
By: _____
Title: _____

Distribution: 1) Contractor 2) Project File