

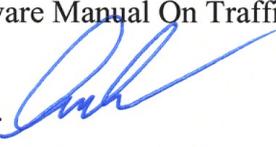


STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
800 BAY ROAD
P.O. Box 778
DOVER, DELAWARE 19903

CAROLANN WICKS, P.E.
SECRETARY

MEMORANDUM

TO: All Users of the Delaware Manual On Traffic Control Devices

VIA: Don Weber, P.E.
Chief Traffic Engineer 

FROM: Adam Weiser, P.E., PTOE
Safety Programs Engineer 

DATE: June 12, 2009

SUBJECT: Portable Speed Display Devices

Portable Speed Display devices are portable radar stations that are designed to measure the speeds of vehicles approaching the device and display that speed to the motorist. These devices are becoming more widely used as part of the speed management tools on Delaware's roadways. Common types of the devices include trailers and sign panel only devices. In order to utilize these devices within the State of Delaware rights-of-way certain requirements shall be adhered to. This memorandum provides the standards and guidance for use of Portable Speed Display devices within State of Delaware rights-of-way.

When utilized within State of Delaware rights-of-way, the following standards and guidance shall be adhered to when placing Portable Speed Display devices:

1. An entity wanting to place a Portable Speed Display device within State of Delaware rights-of-way shall fill out the attached approval form. The approval form may be submitted by email as directed and shall be submitted no later than 72 hours in advance of device placement.
2. Prior to placement of a Portable Speed Display device, the contractor or municipal agency shall notify DelDOT's Transportation Management Center (TMC) 24 hours in advance of placement. The phone number for the TMC is (302) 659-4600. The contractor or municipal agency placing the device shall provide the exact location at which the device will be placed, the duration the device will be used, the license plate number of the device (if the trailer version is being used) being placed and a name and 24/7 phone number for a contact person that can be reached in case of an emergency or in case of the removal of the

device by DelDOT forces. Unapproved devices located in the rights-of-way of the State shall be removed immediately.

3. In accordance with Section 6F.55 of the Delaware Manual on Uniform Traffic Control Devices (Delaware MUTCD), six (6) channelizing devices (drums or cones) shall be provided to close the shoulder in advance of each Portable Speed Display trailer located within the shoulder during the daytime. When the Portable Speed Display device will be on site at night, drums shall be utilized and one (1) amber Type B light shall be provided on each of the first two drums. If all drums meet the new sheeting requirements, lights shall not be utilized. (See Section 6F.62 of the Delaware MUTCD for drum sheeting requirements).
4. Drums or cones being utilized shall conform to Section 6F.62 of the Delaware MUTCD.
5. Portable Speed Display devices shall not be placed within the travel lane on any roadway.
6. If a shoulder does not exist on the subject roadway, the Portable Speed Display device shall be placed outside of the travel lane, behind curb or in another location that presents the least practicable obstruction to the motoring public.
7. Portable Speed Display devices shall be placed so as to minimize the potential of being struck by an errant vehicle.
8. Portable Speed Display devices shall not be placed in a manner in which they restrict sight distance or block other regulatory, warning or guide signage.
9. Portable Speed Display devices shall not block existing driveway entrances or intersections.
10. If a sign panel only device is used, the device shall be mounted on a separate mounting system and the mounting system shall be of a breakaway construction. The contractor or municipal agency installing the device shall be responsible for contacting Miss Utility for underground utility locations.
11. Sign panel only devices shall not be attached to any DelDOT facility such as a light pole, pedestrian signal pole, traffic signal pole or other sign post, etc. by any entity other than DelDOT. Signs attached to these appurtenances shall be removed by DelDOT forces immediately.
12. If a static speed limit sign is placed on the Portable Speed Display device, the speed limit shall match the existing speed limit on the subject roadway. The speed limit sign shall be in accordance with Section 2B.13 of the Delaware MUTCD.

If DelDOT determines that a Portable Speed Display device has been placed incorrectly or in an unsafe manner, DelDOT reserves the right to remove the Portable Speed Display device and the associated channelizing devices. DelDOT will notify the contractor or municipal agency that owns the device and let them know of the location that the device was moved to.

Portable Speed Display Device Approval Form

Entity Placing Device:

Requester's Name:

Requester's Phone Number:

24 Hour Emergency Contact Info:

Name

Phone No.

Cell Phone No.

Start and End Date of Installation:

License Plate Number (if trailer device):

Method of Mounting (if sign panel device):

Number of Units Being Placed:

Specific Locations of Units:

1.

2.

3.

Forms for construction, maintenance or special event activities can be emailed to:

Adam Weiser
Safety Programs Engineer
Adam.Weiser@state.de.us
169 Brick Store Landing Road
Smyrna, DE 19977
P: (302) 659-4073
F: (302) 653-2860

Forms for emergencies can be faxed or emailed to:

Transportation Management Center
tmc1@state.de.us
169 Brick Store Landing Road
Smyrna, DE 19977
P: (302) 659-4600
F: (302) 659-6128

Approved By:

Date:

Additional Notes: