

Notes for Figure 6H-35—Typical Application 35

Mobile Operation on a Multi-Lane Road

Standard:

1. Arrow boards shall, as a minimum, be Type B, with a size of 60 x 30 inches.
2. Vehicle-mounted signs shall be mounted in a manner such that they are not obscured by equipment or supplies. Sign legends on vehicle-mounted signs shall be covered or turned from view when work is not in progress.
3. Shadow and work vehicles shall display high-intensity rotating, flashing, oscillating, or strobe lights.
4. An arrow board shall be used when a freeway lane is closed. When more than one freeway lane is closed, a separate arrow board shall be used for each closed lane.
- 4A. When the X VEHICLE CONVOY (CW21-10bT) sign is used, it shall have the number of convoy vehicles displayed in the number designation "X" location. This number does not include advance warning shadow vehicles located on the shoulder in advance of the X VEHICLE CONVOY sign.

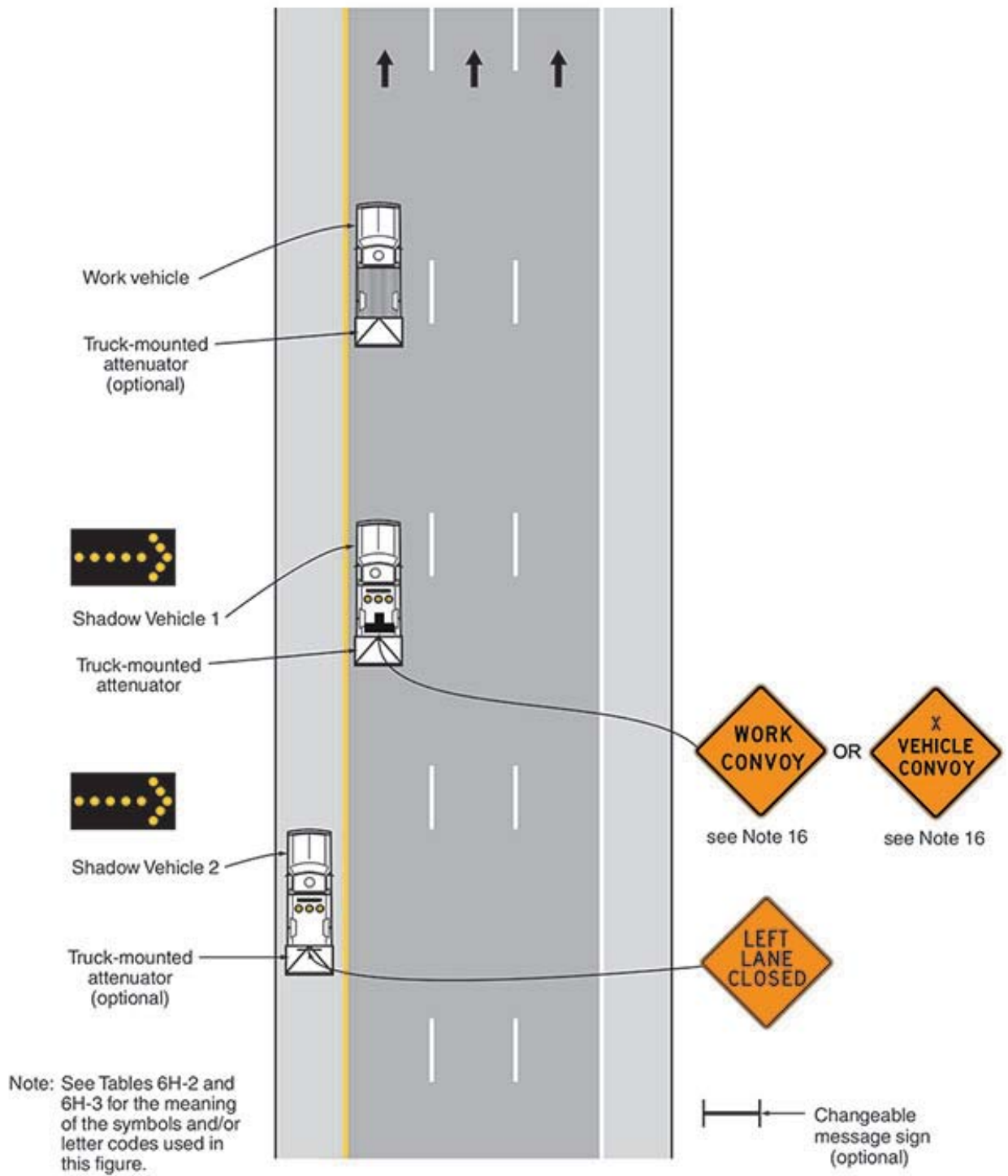
Guidance:

5. Vehicles used for these operations should be made highly visible with appropriate equipment, such as flags, signs, or arrow boards.
6. Shadow Vehicle 1 should be equipped with an arrow board and truck-mounted attenuator.
7. Shadow Vehicle 2 should be equipped with an arrow board. An appropriate lane closure sign should be placed on Shadow Vehicle 2 so as not to obscure the arrow board.
8. Shadow Vehicle 2 should travel at a varying distance from the work operation so as to provide adequate sight distance for vehicular traffic approaching from the rear.
9. The spacing between the work vehicles and the shadow vehicles, and between each shadow vehicle should be minimized to deter road users from driving in between.
10. Work should normally be accomplished during off-peak hours.
11. When the work vehicle occupies an interior lane (a lane other than the far right or far left) of a directional roadway having a right-hand shoulder 10 feet or more in width, Shadow Vehicle 2 should drive the right-hand shoulder with a sign indicating that work is taking place in the interior lane.
- 11A. For divided highways with two or three lanes in the direction of the mobile operation, the appropriate LEFT LANE CLOSED (CW20-5TL), RIGHT LANE CLOSED (CW20-5TR) or CENTER LANE CLOSED (CW9-3T) should be placed on Shadow Vehicle 2. For divided highways with four or more lanes in the direction of the mobile operation, the LANE BLOCKED (CW20-6T) sign with an "X" under the appropriate closed lane number should be placed on Shadow Vehicle 2.

Option:

12. A truck-mounted attenuator may be used on Shadow Vehicle 2.
13. On high-speed roadways, a third shadow vehicle (not shown) may be used with Shadow Vehicle 1 in the closed lane, Shadow Vehicle 2 straddling the edge line, and Shadow Vehicle 3 on the shoulder.
14. Where adequate shoulder width is not available, Shadow Vehicle 3 may also straddle the edge line.
15. A Portable Changeable Message sign with a minimum character height of 10 inches may be mounted on Shadow Vehicle 2 and substituted for the LEFT, RIGHT, or CENTER LANE CLOSED signs, displaying the same message as the sign it is replacing. An appropriate flashing arrow display may be alternated with this message.
16. Where limited mounting space on shadow vehicles between the arrow panel and the TMA justify a change from the standard diamond shape, rectangular versions of the WORK CONVOY (CW21-10aT) and X VEHICLE CONVOY (CW21-10bT or CW21-10cT) signs as shown in the Standard Highway Sign Designs for Texas may be used.

Figure 6H-35. Mobile Operation on a Multi-Lane Road (TA-35)



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