ROAD TRAFFIC REGULATION ACT 1984 – SECTIONS 64 & 65
AUTHORISATION OF TRAFFIC SIGNS AND SPECIAL DIRECTIONS

The Secretary of State for Transport, in exercise of his powers under Sections 64 and 65 of the Road Traffic Regulation Act 1984, and all other powers enabling him in that behalf, for the purpose of indicating to vehicular traffic on motorway and all-purpose trunk roads in England (including their slip roads) the presence of Mobile Lane Closures, Mobile Carriageway Closures, or other road works, hereby:-

1. authorises the placing and use on mobile traffic management (MTM) vehicles on trunk roads in England, of a variable message sign (hereinafter referred to as "the authorised sign A") conforming as to size, colour and character with that referenced "1750-01-G161" (as supplemented by the signs referenced "1750-01-G000-003" and "1750-01-G061-880") in the attached set of drawings numbered GT50/198/0012-1; and

2. authorises the placing and use on MTM vehicles on trunk roads in England, of a variable message sign (hereinafter referred to as "the authorised sign B") conforming as to size, colour and character with that referenced "1750-01-G261" (as supplemented by the signs referenced "1750-01-G000-005" and "1750-01-G061-810") in the said set of drawings; and

3. authorises the placing and use on MTM vehicles on trunk roads in England, of a variable message sign (hereinafter referred to as "the authorised sign C") conforming as to size, colour and character with that referenced "1750-01-G361" (as supplemented by the signs referenced "1750-01-G000-006" and "1750-01-G061-820") in the said set of drawings; and
4. authorises the placing and use on MTM vehicles on trunk roads in England, of a variable message sign (hereinafter referred to as "the authorised sign D") conforming as to size, colour and character with that referenced "1750-01-G461" (as supplemented by the signs referenced "1750-01-G000-003" and "1750-01-G061-810") in the said set of drawings; and

5. authorises the placing and use on MTM vehicles on trunk roads in England, of a variable message sign (hereinafter referred to as "the authorised sign E") conforming as to size, colour and character with that referenced "1750-01-G561" (as supplemented by the signs referenced "1750-01-G000-003" and "1750-01-G061-820") in the said set of drawings; and

6. authorises the placing and use on MTM vehicles on trunk roads in England, of a variable message sign (hereinafter referred to as "the authorised sign F") conforming as to size, colour and character with that referenced "1750-01-G661" (as supplemented by the signs referenced "1750-01-G000-003" and "1750-01-G061-830") in the said set of drawings; and

7. authorises the placing and use on MTM vehicles on trunk roads in England, of a variable message sign (hereinafter referred to as "the authorised sign G") conforming as to size, colour and character with that referenced "1750-01-G761", as supplemented by the signs referenced "1750-01-G000-003" (save that the red and white sign bearing the legend "CONVOY VEHICLE NO OVERTAKING" shall be removed, thereby leaving a plain yellow background), and "1750-01-G061-700" in the said set of drawings; and
8. authorises the placing and use on MTM vehicles on trunk roads in England, of a variable message sign (hereinafter referred to as "the authorised sign H") conforming as to size, colour and character with that referenced "1750-01-G861" (as supplemented by the signs referenced "1750-01-G000-005" and "1750-01-G061-880") in the said set of drawings, save that the direction in which the arrow points may be varied so that it points downwards and to the left as shown in diagram 610 in Schedule 2 to the Traffic Signs Regulations 2002 (S.I. 3113/2002, "the 2002 Regulations"); and

9. authorises the placing and use on MTM vehicles on trunk roads in England, of a traffic sign (hereinafter referred to as "the authorised sign I") conforming as to size, colour and character with that referenced "1750-01-G000-005" in the said set of drawings save that the direction in which the arrow points may be varied so that it points downwards and to the left as shown in diagram 610 in Schedule 2 to the 2002 Regulations; and

10. directs that the authorised sign I shall give the same instruction to vehicular traffic as diagram 7403 in Schedule 12 Part V to the 2002 Regulations save that, when the direction in which the arrow points is varied so that it points downwards and to the left, as shown in diagram 610 in Schedule 2 to the 2002 Regulations, it shall instruct other traffic to keep to the left of vehicles carrying out mobile road works; and

11. directs that the authorised sign B shall only be displayed when the MTM vehicle is placed on a live traffic lane on a motorway or all-purpose dual carriageway (including their one way slip roads) and indicates to vehicles that they must pass to the right of the MTM vehicle situated in the carriageway; and
12. directs that the authorised sign C shall only be displayed when the MTM vehicle is placed on a live traffic lane on a motorway or all-purpose dual carriageway (including their one way slip roads) and indicates to vehicles that they must pass to the left of the MTM vehicle situated in the carriageway; and

13. directs that the authorised sign H shall only be displayed when the MTM vehicle is placed on a live traffic lane on a single carriageway trunk road, or when placed on the hard shoulder (or any other part of the carriageway which is not a live traffic lane) on a motorway or all-purpose dual carriageway trunk road (including their one way slip roads) and indicates to vehicles that they must pass to the right of the MTM vehicle situated in the carriageway except when the arrow is reversed which shall indicate to vehicles that they must pass to the left of the MTM vehicle; and

14. directs that the authorised signs A, D, E and F shall give the same instruction as diagram 7029 in Schedule 12 Part I to the 2002 Regulations to all vehicular traffic on the carriageway behind any MTM vehicle displaying this sign; and

15. directs that the authorised sign D shall, in addition, give the instruction that vehicular traffic in a lane behind a MTM vehicle displaying this sign must move to the next lane to the right; and

16. directs that the authorised sign E shall, in addition, give the instruction that vehicular traffic in a lane behind a MTM vehicle displaying this sign must move to the next lane to the left; and
17. directs that the authorised signs A, D, E and F shall only be used on MTM vehicles which are being used within the conditions specified for mobile carriageway closures in Section O11 of Chapter 8 of the Traffic Signs Manual (TSM); and

18. directs that the Light Emitting Arrow on the authorised signs B, C, D and E shall pulse at a rate of 30 to 50 flashes per minute and that the on-period shall be twice the length of the off-period; and

19. directs that the four light roundels on the authorised sign F shall flash in vertical pairs and that each roundel shall show an intermittent red light at a rate of flashing of not less than 60 nor more than 90 flashes per minute, and in such a manner that the lights of one vertical pair are always shown when the lights of the other vertical pair are not shown; and

20. directs that the two light roundels on the authorised signs A, B, C, D, E and H, shall flash simultaneously. When used with authorised signs B, C, D and E the two light roundels shall only flash during the off-period of the Light Emitting Arrow. When used with authorised signs A and H they shall flash at a rate of between 30 to 50 flashes per minute and that the on-period shall be twice the length of the off-period; and

21. directs that the four-fold roundels shown on the authorised sign I in the said set of drawings shall show an intermittent light at a rate of flashing of not less than 60 nor more than 90 flashes per minute and in such a manner that one horizontal pair of lights is always shown when the other horizontal pair of lights is not shown; and
22. directs that the four-fold roundels on the lower panel shall not be used in conjunction with authorised signs A-H in the said set of drawings: and

23. directs that the authorised signs B, C and H and I in the said set of drawings may be used in place of signs conforming to diagram 7403 in Schedule 12 Part V to the 2002 Regulations and shall only be used on MTM vehicles which are being used within the conditions specified for mobile lane closure in Section O10, Chapter 8 of the TSM or for emergency traffic management; and

24. directs that the authorised sign G may be used in place of signs conforming to diagram 7202 in Schedule 12 Part III to the 2002 Regulations when used on an MTM vehicle which is stationary on the hard shoulder (or any other part of the carriageway which is not a live traffic lane) on a motorway or all-purpose dual carriageway trunk road (including their one way slip roads). The MTM vehicle shall be positioned according to the guidance and requirements of Section D6 of Chapter 8 of the TSM (or a competent, risk assessed, site specific equivalent design); and

25. directs that, when used in place of signs conforming to diagram 7202 in Schedule 12 Part III to the 2002 Regulations, the authorised sign G shall only be displayed when traffic flows on the carriageway which the MTM vehicle is placed does not exceed 1200 vehicles per hour for each lane left open through the Works Area (as specified in Chapter 8 of the TSM) and the Stopping Sight Distance (as specified by Departmental Standard TD9/93 paragraph 2.2) from all open traffic lanes to the first cone of the lane closure taper shall not be less than 295 metres; and
26. directs that the authorised sign G may be used in place of signs conforming to diagram 7402 in Schedule 12 Part V to the 2002 Regulations and if so used the authorised sign G shall only be displayed on MTM vehicles which are being used within the conditions specified for mobile lane closures in Section O10 of Chapter 8 of the TSM; and

27. directs that on the authorised sign G the symbols indicating which lanes are open or closed to traffic shall be varied as required to indicate to road users which lanes are closed; and

28. directs that on the authorised sign G, “800 yds” may be varied to an alternative distance, to the nearest 50 yards, which reflects the distance to the lane closure; and

29. directs that, when used to indicate lane closures during intermittent road works and no closures are in place, the authorised signs A-H shall display a blank black or yellow face; and

30. directs that the authorised signs A-I shall be so installed so that, when the authorised signs are displayed and while the vehicle the sign is attached to is in motion, there is a minimum clearance of 150mm between the highest part of the sign assembly, including any lights or beacons, and the lowest point of any structure the vehicle is required to travel under; and

31. directs that, if the identified safe method of work does not require the vehicle displaying the authorised signs A-I to pass under a structure, then the signs shall be so installed so that the minimum clearance shall be provided to the next downstream overhead structure; and
32. directs that the 150mm minimum clearance shall be assessed against the position of the sign relevant to the lightest gross in-service vehicle weight; and

33. directs that where the headroom to any relevant structure is known to be equal, or greater, than 5.03m, but that the headroom over any traffic lane, hard shoulder, or verge is not known to an accuracy of ±20mm then the headroom shall be taken to be 5.03m when calculating the minimum clearance; and

34. directs that where a structure has a headroom of less than 5.03m and a mandatory height restriction is signed a vehicle displaying the authorised signs A-I shall not proceed past the start of the restriction if the highest part of the sign assembly, including any lights or beacons, is higher than the signed maximum, and

35. directs that the authorised signs A-I shall only be placed on the road and the aspects displayed on it if the apparatus (including the content of all instructions stored in or executed by it) used in connection with them is of a type which has been approved by Traffic Open Products & Specifications Limited, or by the Secretary of State; and

36. directs that the variable message sign shall only be placed on the road, and the authorised signs A-I displayed on it, by personnel trained to do so in accordance with the relevant Sector Scheme and in accordance with specific equipment, operational, maintenance and monitoring requirements specified by the manufacturer; and
37. directs that this authorisation shall remain in force until 30 November 2020, and after that day shall, without prejudice to any statutory provisions to the like, cease to have effect. This authorisation may also cease to have effect on a date as may be appointed, with one month's notice, by the Secretary of State in writing to the traffic authority for the removal or alteration of the authorised signs A-I and on that day the said authorisation shall, without prejudice to the giving of any further authorisation or direction, cease to have effect.

The provisions of Regulations 10(1), 12, 13, 14 and 26(6) of the 2002 Regulations shall apply to the authorised signs B, C, H and I in the same manner as they apply to the sign shown in diagram 7403 in Schedule 12 Part V to those Regulations.

The provisions of regulations 10(1) 12, 13 and 14 of the 2002 Regulations shall apply to the authorised signs A, D, E and F in the same manner as they apply to the sign shown in diagram 7029 in Schedule 12 Part I to those Regulations.

The provisions of Regulations 12 and 13 of the 2002 Regulations shall apply to the authorised sign G in the same manner as they apply to the sign shown in diagram 7402 in Schedule 12 Part V to those Regulations.
The provisions of Regulation 14 of the 2002 Regulations shall apply to the authorised sign G in the same manner as they apply to the sign shown in diagram 7402 in Schedule 12 Part V to those Regulations only when sign G is used as specified above in place of diagram 7402.

Dated ........................................ 2016

Signed by authority of the Secretary of State

A Delegated Official of the Department for Transport
Two-folds cycle at a rate of 30 - 50 cycles per minute

CONVOY VEHICLE NO OVERTAKING

Inactive four-fold beacons

Maximum height above ground level = 5030

Department for Transport
Date: 18 February 2016
No. GT50/198/0012-1
Two-folds and arrow cycle at a rate of 30 - 50 cycles per minute.

Inactive four-fold beacons.

Maximum height above ground level = 5030

Ground level
Two-folds and arrow cycle at a rate of 30 - 50 cycles per minute

Inactive four-fold beacons

Maximum height above ground level = 5030

Ground level
CONVOY VEHICLE NO OVERTAKING

Two-folds and arrow cycle at a rate of 30 - 50 cycles per minute

Inactive four-fold beacons

Maximum height above ground level = 5030

Ground level
Two-folds and arrow cycle at a rate of 30 - 50 cycles per minute.

Inactive four-fold beacons.

Maximum height above ground level = 5030

Ground level

CONVOY VEHICLE
NO OVERTAKING

CONVOY VEHICLE
NO OVERTAKING

CONVOY VEHICLE
NO OVERTAKING

Rev.  Date  Drawn  Verified  Change
A  10/09/15  SG  IR  New Drawing
B  29/09/15  SG  IR  Atkins & TRL Review
C  16/10/15  SG  IR  Review

Do not scale

Org No: 1750-01-G561
Two-folds cycle at a rate of 30 - 50 cycles per minute

Inactive four-fold beacons

Maximum height above ground level = 5030

Ground level
"CONVOY VEHICLE NO OVERTAKING", x-height 125mm, as per DFT Working Drawing No. P.7029
Note: Four-fold beacons fitted to the lower panel of the vehicle and used in place of a diagram 7403 sign (Aspect S) when the upper panel is lowered. The lanterns shall only be operated when the upper VMS panel is lowered and and not visible to approaching drivers. The four flashing amber lanterns shall comply with Chapter 8, Part 2, Section O10.9.
Note: Four-fold beacons fitted to the lower panel of the vehicle and used in place of a diagram 7403 sign (Aspect S) when the upper panel is lowered. The lanterns shall only be operated when the upper VMS panel is lowered and and not visible to approaching drivers. The four flashing amber lanterns shall comply with Chapter 8, Part 2, Section O10.9.
LED Area = 1903.5

Two-folds and arrow cycle at a rate of 30 - 50 cycles per minute

White LEDs

White or amber LEDs
LED Area = 1903.5

White or amber LEDs

Two-folds cycle at a rate of 30 - 50 cycles per minute

LED Area = 1903.5

1782

60.75

202.5

1377

202.5

60.75

222.75

1680.75