



**ROAD TRAFFIC REGULATION ACT 1984 – SECTIONS 64 AND 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 warning road users of road works and lane closures on motorway and all-purpose dual carriageway trunk roads in England by persons acting on behalf of Highways England (HE), hereby:

1. authorises the use of a variable message sign (VMS) aspect (hereinafter referred to as “the authorised aspect A”) conforming as to size, colour and character with that shown referenced A in the attached set of drawings numbered GT50/198/0019-1, which shall be displayed on Large (12B) Remote Control Temporary Traffic Management (RCTTM) VMS at appropriate sites on roads for which HE is the traffic authority; and
2. authorises the use of a VMS aspect (hereinafter referred to as “the authorised aspect B”) conforming as to size, colour and character with that shown referenced B in the said set of drawings, which shall be displayed on Large (12B) RCTTM VMS at the said sites on the said roads; and
3. authorises the use of a VMS aspect (hereinafter referred to as “the authorised aspect C”) conforming as to size, colour and character with that shown referenced C in the said set of drawings, which shall be displayed on Small (9(5)) RCTTM VMS at the said sites on the said roads; and
4. authorises the use of a VMS aspect (hereinafter referred to as “the authorised aspect D”) conforming as to size, colour and character with that shown referenced D in the said set of drawings, which shall be displayed on Small (9(5)) RCTTM VMS at the said sites on the said roads; and



5. authorises the use of a VMS aspect (hereinafter referred to as “the authorised aspect E”) conforming as to size, colour and character with that shown referenced E in the said set of drawings, which shall be displayed on Large (12B) or Small (9(5)) RCTTM VMS at the said sites on the said roads; and
6. directs that the authorised aspects A, B, C or D shall be displayed, and the symbols indicating which lanes are open or closed to traffic shall be varied, to indicate to road users which lanes are open or closed on carriageways of either four or five lanes wide, in accordance with the guidance within Traffic Signs Manual (TSM) Chapter 8; and
7. directs that the authorised aspects A, B or E must be placed in pairs, either side of the carriageway, unless:
  - a) temporary traffic management layouts to TSM Chapter 8, Section D6.13 of Part 1 are to be implemented, subject to a sufficient scheme-specific risk assessment being undertaken which shows the required conditions stated in Section D6.13 will be met; or
  - b) a temporary traffic management layout suitable for ‘relaxation’ schemes is to be adopted, subject to complying with any relevant guidance or requirement in TSM Chapter 8 Parts 1 to 3, subject to the conditions being within the limits for a ‘relaxation’ scheme specified in TSM Chapter 8 and subject to a competent, risk-assessed, scheme-specific assessment being undertaken which would confirm that the design will provide at least the same level of information to road users and level of safety to both road users and road workers as specified in TSM Chapter 8 for ‘relaxation’ schemes;

in which case the authorised signs may be placed on one side of the carriageway only; and



8. directs that the authorised aspects C or D shall be placed in pairs, either side of the carriageway, and if not so placed, must be placed opposite a prescribed sign conforming to diagram 7202.1 in Schedule 13 Part 6 Item 13 of the Traffic Signs Regulations 2016 (Part 1 of S.I. 2016 No.362, "the 2016 Regulations"), displaying an equivalent aspect; and
9. directs that, for the authorised aspect A, B, C, D or E, the indication of distance shall be varied to a distance, to the nearest 50 yards, of the actual distance from the sign to the lane closure; and
10. directs that, when works are not being undertaken and no lane closures are in place, the RCTTM VMS may be retained in position but shall display a blank, black face; and
11. directs that the authorised aspect A, B, C, D or E shall only be displayed when the RCTTM VMS is mounted upright; and
12. directs that the authorised aspect A, B, C, D or E shall only be displayed on the RCTTM VMS by personnel qualified to the relevant part of the National Highways Sector Scheme (NHSS) 12, or displayed at the direction of a person qualified to the relevant part of the NHSS 12 and that the aspect shall not be changed unless confirmed or directed to do so by the Traffic Safety and Control Officer (TSCO) (or other person identified by the Contractor undertaking work as responsible for the signing and guarding of the works); and
13. directs that the operation of the RCTTM VMS shall be in accordance with any equipment specific operational or maintenance requirements specified by the manufacturer; and



14. directs that the RCTTM VMS shall only be placed at the said sites and the authorised aspect A, B, C, D or E 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 an equivalent, competent, body; and
15. directs that this authorisation shall remain in force until 31 August 2019, and after that date shall, without prejudice to giving of any further authorisation, cease to have effect. This authorisation may also cease to have effect on a date as may be appointed, by one month's notice given by the Secretary of State in writing to the traffic authority for the removal or alteration of the authorised aspects and on that day the said authorisation shall, without prejudice to the giving of any further authorisation or direction, cease to have effect.

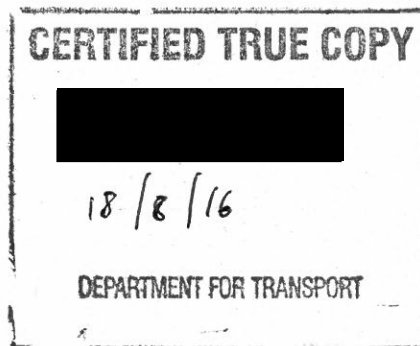
The provisions of Regulations 6 and 7 of the 2016 Regulations shall apply to the authorised aspect A, B, C, and D in the same manner as they apply to the sign shown in diagram 7202.1 in Schedule 13 Part 6 Item 13 to those Regulations; and the authorised aspect E in the same manner as they apply to the sign shown in diagram 7001 in Schedule 13 Part 2 Item 9 to those Regulations.

Dated 18 August 2016

Signed by authority of the Secretary of State

[Redacted signature]

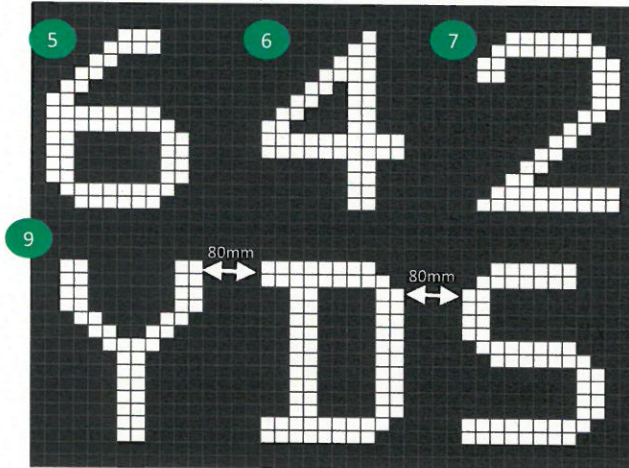
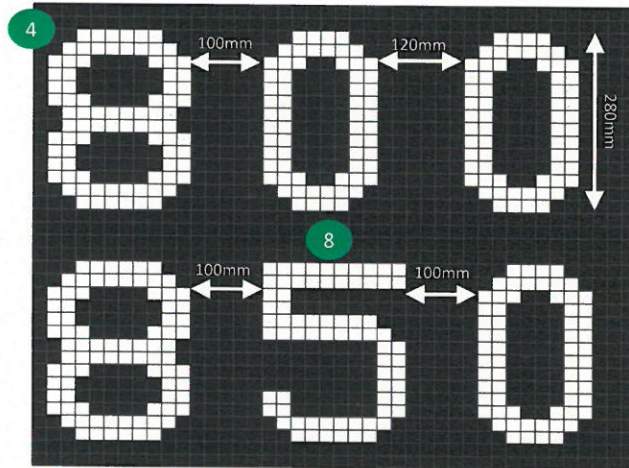
A Delegated Official of the Department for Transport



# RCTTM Aspect Set

## As Demonstrated to Highways England and Department for Transport

### 280mm Text Dimensions



- 1 100mm space between Numeric (8,6,4,2,5) excepting zero (0) and following character
- 2 120mm space between characters between zeros "0" and "0"
- 3 280mm character height
- 4 Character for use in 800 YDS supporting text
- 5 Character for use in 600 YDS supporting text
- 6 Character for use in 400 YDS supporting text
- 7 Character for use in 200 YDS supporting text
- 8 Character for use in 50 Yard variants of supporting text
- 9 Term YDS used to depict distance units (yards).
- 10 80mm space between Alpha Characters (Y,D,S)
- 11 Numeric Characters (8,6,4,2,5) excepting Zero (0) and Upper case Alpha Characters (Y,D,S) occupy a space 200mm x 280mm
- 12 Character Zero (0) occupies a space 160mm wide and 280mm high
- 13 "1 mile" supporting text in mixed case as depicted

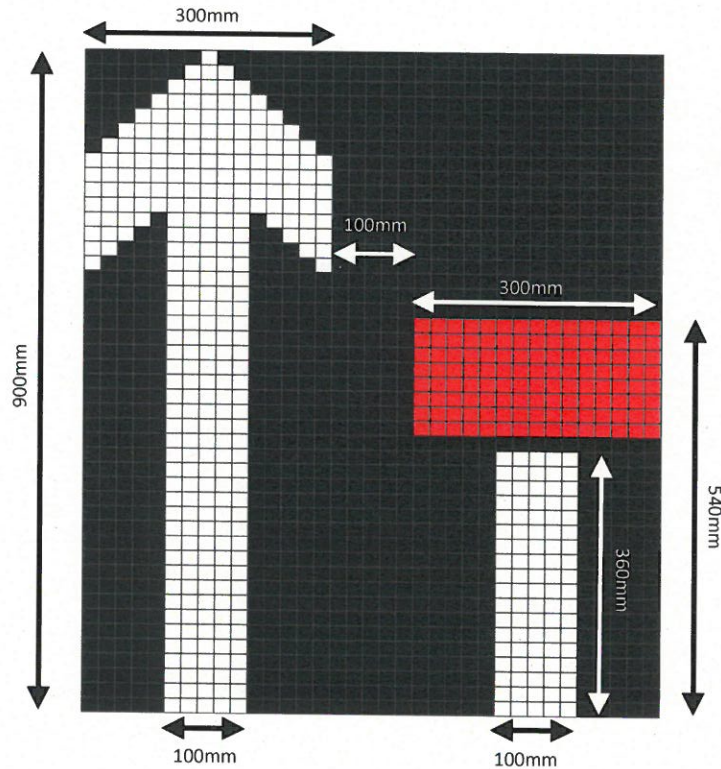
Department for Transport

Date: 18 July 2016

No. GT50/198/0019-1

# RCTTM Aspect Set

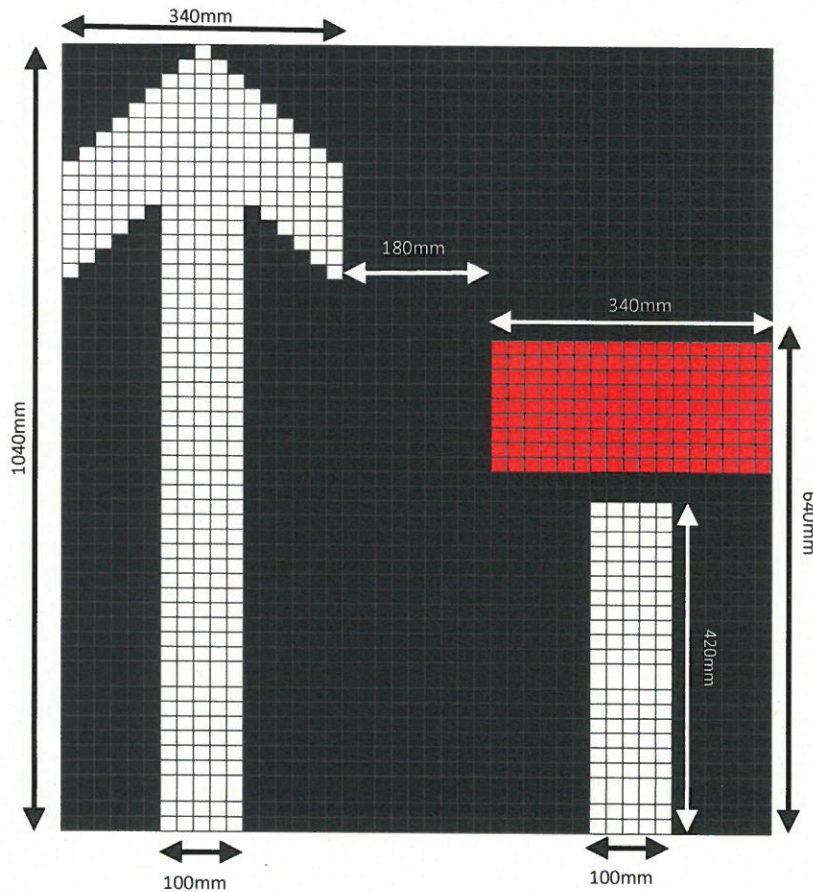
As Demonstrated to Highways England and Department for Transport  
Construction of Wicket Elements for Large (12B) 5 Lane



- 1 Arrow Head = 300mm wide
- 2 Arrow height = 900mm
- 3 Arrow stem width = 100mm
- 4 'T' Width = 300mm
- 5 'T' Height = 540mm
- 6 'T' Stem height = 360mm (Width as per Arrow)
- 7 'T' Separation between horizontal and Stem = 20mm
- 8 Horizontal separation between Wicket Elements = 100mm (Arrow-Arrow, 'T'-'T', Arrow-'T', 'T'-Arrow)
- 9 Base of Arrow and 'T' to be vertically aligned.

# RCTTM Aspect Set

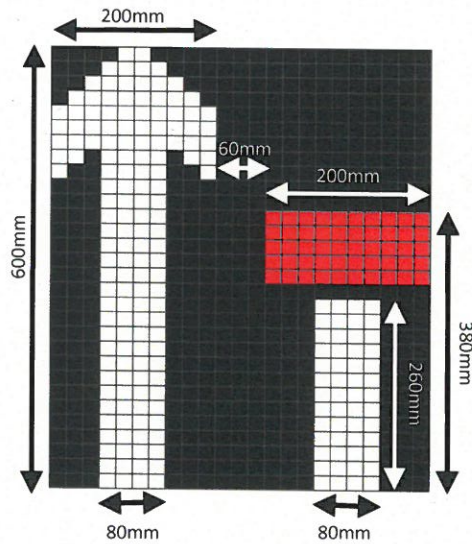
As Demonstrated to Highways England and Department for Transport  
Construction of Wicket Elements for Large (12B) 4 Lane



- 1 Arrow Head = 340mm wide
- 2 Arrow height = 1040mm
- 3 Arrow stem width = 100mm
- 4 'T' Width = 340mm
- 5 'T' Height = 640mm
- 6 'T' Stem height = 420mm (Width as per Arrow)
- 7 'T' Separation between horizontal and Stem = 40mm
- 8 Horizontal separation between Wicket Elements = 180mm (Arrow-Arrow, 'T'-'T', Arrow-'T', 'T'-Arrow)
- 9 Base of Arrow and 'T' to be vertically aligned.

# RCTTM Aspect Set

As Demonstrated to Highways England and Department for Transport  
Construction of Wicket Elements for Small (9(5)) 5 Lane

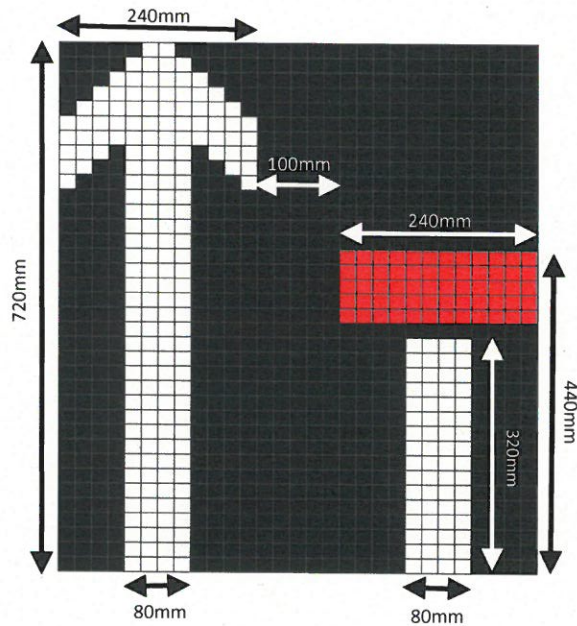


- 1 Arrow Head = 200mm wide
- 2 Arrow height = 600mm
- 3 Arrow stem width = 80mm
- 4 'T' Width = 200mm
- 5 'T' Height = 380mm
- 6 'T' Stem height = 260mm (Width as per Arrow)
- 7 'T' Separation between horizontal and Stem = 20mm
- 8 Horizontal separation between Wicket Elements = 60mm  
(Arrow-Arrow, 'T'-'T', Arrow-'T', 'T'-Arrow)
- 9 Base of Arrow and 'T' to be vertically aligned.



# RCTTM Aspect Set

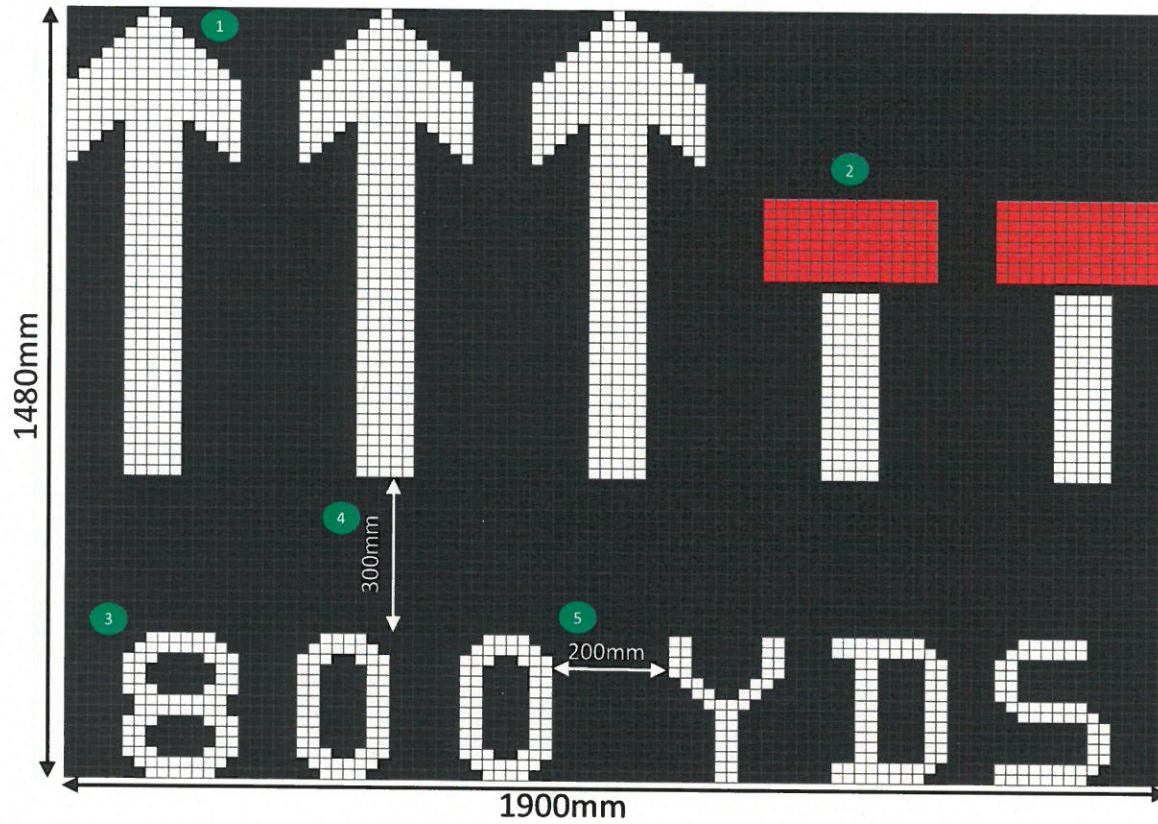
As Demonstrated to Highways England and Department for Transport  
Construction of Wicket Elements for Small (9(5)) 4 Lane



- 1 Arrow Head = 240mm wide
- 2 Arrow height = 720mm
- 3 Arrow stem width = 80mm
- 4 'T' Width = 240mm
- 5 'T' Height = 440mm
- 6 'T' Stem height = 320mm (Width as per Arrow)
- 7 'T' Separation between horizontal and Stem = 20mm
- 8 Horizontal separation between Wicket Elements = 100mm  
(Arrow-Arrow, 'T'-'T', Arrow-'T', 'T'-Arrow)
- 9 Base of Arrow and 'T' to be vertically aligned.

# RCTTM Aspect Set

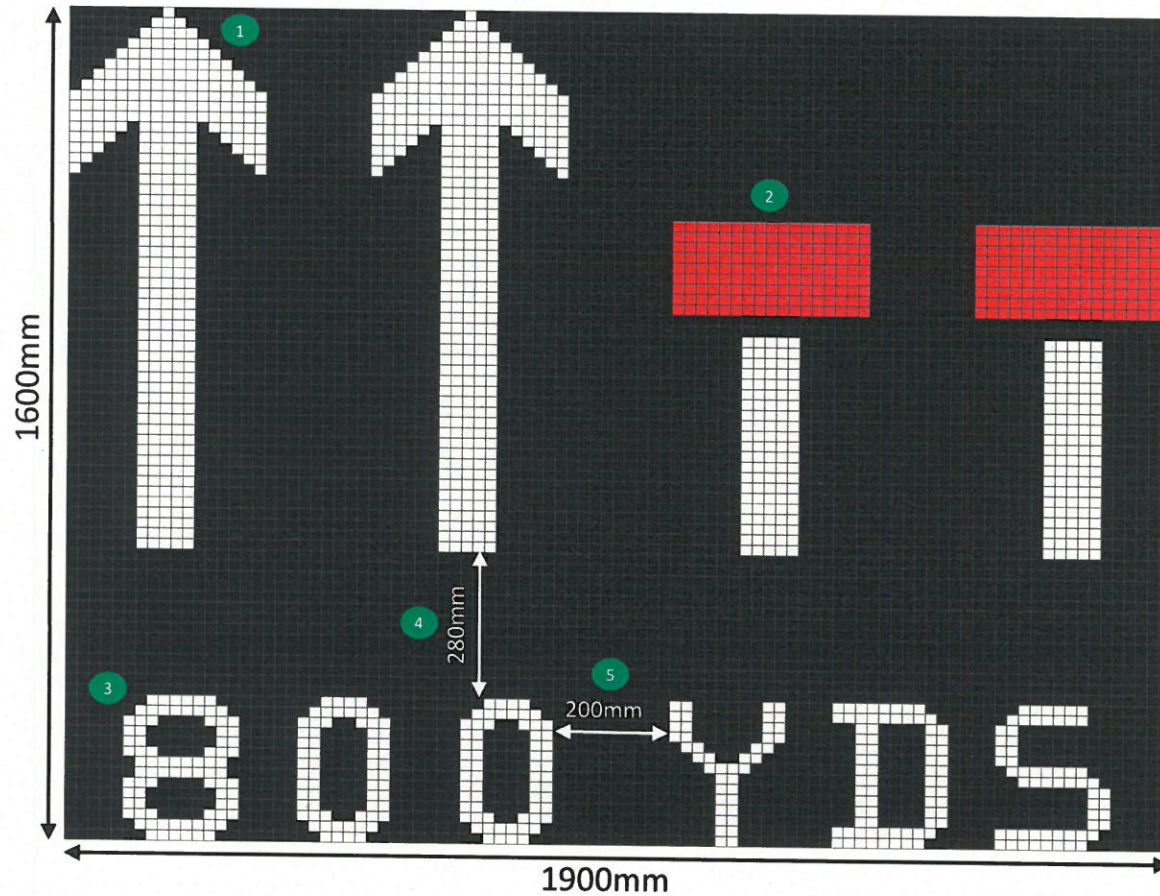
As Demonstrated to Highways England and Department for Transport  
Large (12B) RCTTM Sign - 5 Lane Wicket supported by Distance



- 1 Arrow as described by sheet 12B 5L wickets
- 2 'T' as described by sheet 12B 5L wickets
- 3 Supporting Text as described by sheet 280mm Text
- 4 Line spacing between Wicket and supporting text = 300mm
- 5 Word spacing = 200mm
- 6 Supporting text centre justified in aspect

# RCTTM Aspect Set

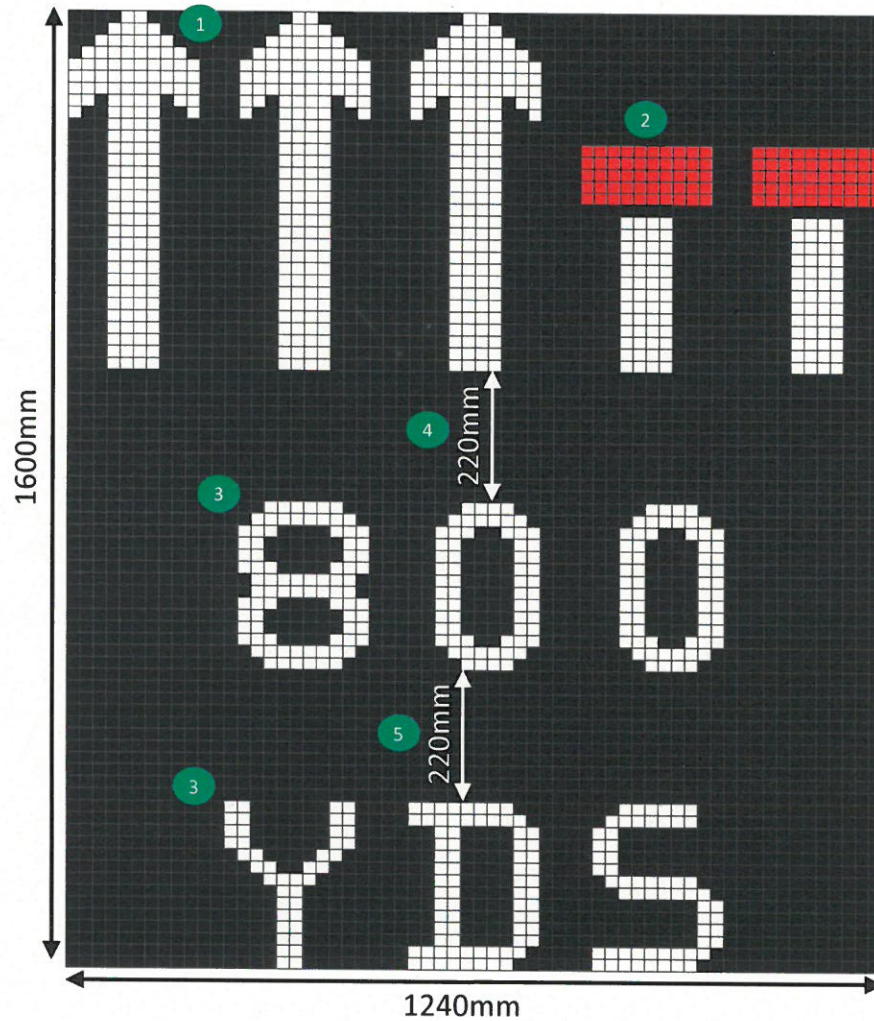
As Demonstrated to Highways England and Department for Transport  
Large (12B) RCTTM Sign - 4 Lane Wicket supported by Distance



- 1 Arrow as described by sheet 12B 4L wickets
- 2 'T' as described by sheet 12B 4L wickets
- 3 Supporting Text as described by sheet 280mm Text
- 4 Line spacing between Wicket and supporting text = 280mm
- 5 Word spacing = 200mm
- 6 Supporting text centre justified in aspect

# RCTTM Aspect Set

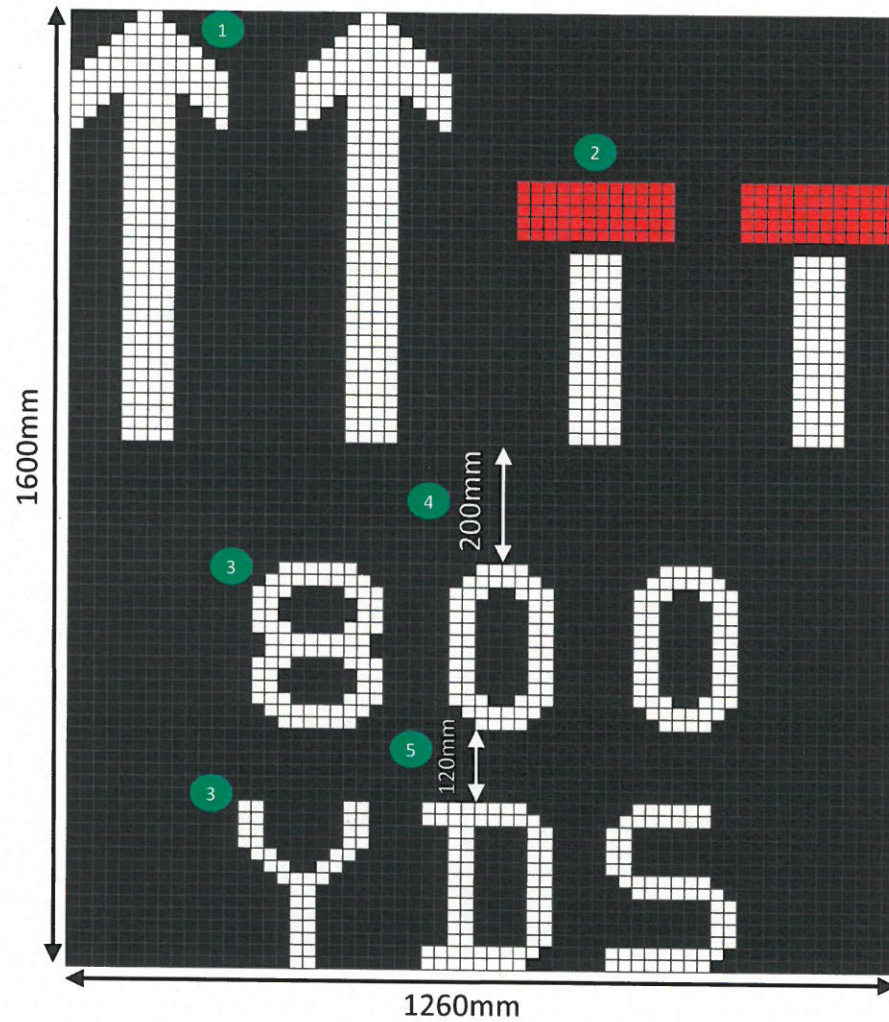
As Demonstrated to Highways England and Department for Transport  
Small (9(5)) RCTTM Sign - 5 Lane Wicket supported by Distance



- 1 Arrow as described by sheet 9(5) 5L wickets
- 2 'T' as described by sheet 9(5) 5L wickets
- 3 Supporting Text as described by sheet 280mm Text
- 4 Line spacing between Wicket and supporting text = 220mm
- 5 Line spacing between Alphanumeric Characters = 220mm
- 6 Supporting text centre justified in aspect

# RCTTM Aspect Set

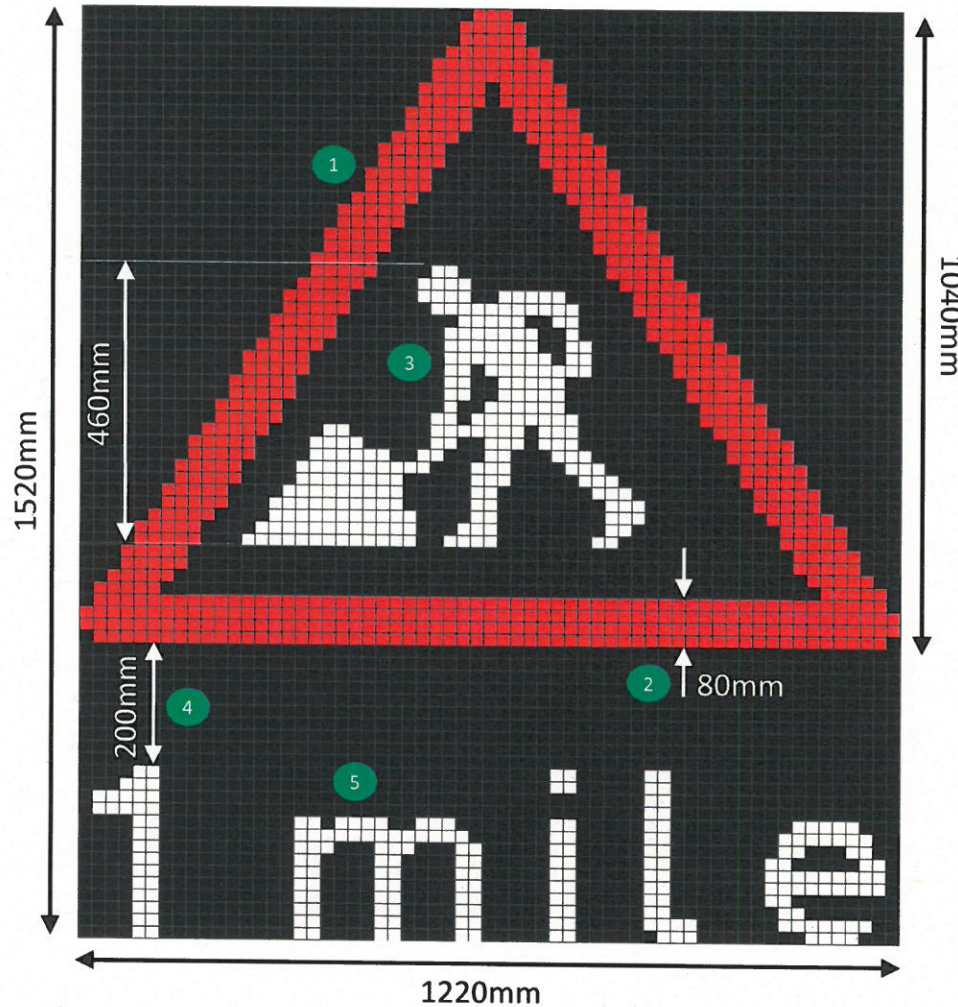
As Demonstrated to Highways England and Department for Transport  
Small (9(5)) RCTTM Sign - 4 Lane Wicket supported by Distance



- 1 Arrow as described by sheet 9(5) 5L wickets
- 2 'T' as described by sheet 9(5) 5L wickets
- 3 Supporting Text as described by sheet 280mm Text
- 4 Line spacing between Wicket and supporting text = 220mm
- 5 Line spacing between Alphanumeric Characters = 120mm
- 6 Supporting text centre justified in aspect

# RCTTM Aspect Set

As Demonstrated to Highways England and Department for Transport  
Both Sign Types - 7001 (Men at Work) Pictogram with Supporting text



- 1 Warning triangle = 1040mm high and 1220mm wide
- 2 Warning triangle stroke width = 80mm  
(nominal dimension for diagonals)
- 3 "Men at Work" symbol = 460mm high.  
To be used as depicted in illustration to ensure clarity on detail.
- 4 Line spacing between Pictogram and supporting text = 200mm
- 5 Text "1 mile" as defined on sheet "280mm Text"