



	a	b	c	d	f	g	h	j	k	m	n	r ₁	r ₂
B	1100	1600	450	50	400	300	960	60	70	130EM	130DM	100	100
C	1400	2000	600	70	400	375	1200	90	100	160EM	160DM	100	150

Notes:

1. This sign must be installed with the flashing light panel.
2. Where flashing lights are used they shall meet the requirements of AS2144 for 200 mm diameter signal lanterns.
3. This sign should be used where flashing lights are actively controlled.
4. Stiffener rails used on the light panel should be "Type 1" and spaced so as not to interfere with light assembly.
5. Flashing light assembly spacing is determined by relevant post spacing (660mm for 65NB - size B) and (840mm for 90NB - size C). (i.e. based on 60% of width of sign). Refer to pages 3 and 4 for example TraSiS support design details.
6. * Only approved warning signs related to "PREPARE TO STOP" message may be utilised.
7. Refer TC1784_2 for alternate message option.

Colour Legend

- Black
- Retroreflective red
- Retroreflective yellow
- Retroreflective white



**Queensland
Government**

ADVANCE WARNING SIGN UTILISING FLASHING LIGHTS AND WARNING SIGN "PREPARE TO STOP"

Department of Transport and Main Roads
Infrastructure Management & Delivery Division

APPROVED AS OFFICIAL TRAFFIC SIGN

Designed
TV 10/09

Checked
DJ 10/09

Scale
Not to Scale

R. King
PRINCIPAL ENGINEER
(Traffic Engineering)

18/3/16
Date

TC1784_1

Page 1 of 4

☒ A ☒ B ☒ C ☐ D ☐ E



	a	b	c	d	f	g	h	j	k	m	n	r ₁	r ₂
B	1100	1600	450	50	400	300	960	60	70	130EM	130EM	100	100
C	1400	2000	600	70	400	375	1200	90	100	160EM	160EM	100	150

Notes:

1. This sign must be installed with the flashing light panel.
2. Where flashing lights are used they shall meet the requirements of AS2144 for 200 mm diameter signal lanterns.
3. This sign should be used where flashing lights are actively controlled.
4. Stiffener rails used on the light panel should be "Type 1" and spaced so as not to interfere with light assembly.
5. Flashing light assembly spacing is determined by relevant post spacing (660mm for 65NB - size B) and (840mm for 90NB - size C) posts. (i.e. based on 60% of width of sign). Refer to pages 3 and 4 for example TraSiS support design details.
6. * Only approved warning signs related to "REDUCE SPEED" message may be utilised.
7. Refer TC1784_1 for alternate message.

Colour Legend

- Black
- Retroreflective red
- Retroreflective yellow
- Retroreflective white



**Queensland
Government**

ADVANCE WARNING SIGN UTILISING FLASHING LIGHTS AND WARNING SIGN "REDUCE SPEED"

Department of Transport and Main Roads
Infrastructure Management & Delivery Division

APPROVED AS OFFICIAL TRAFFIC SIGN

Designed
TV 10/09

Checked
DJ 10/09

Scale
Not to Scale

R. King
PRINCIPAL ENGINEER
(Traffic Engineering)

18/3/16
Date

TC1784_2

Page 2 of 4

A B C

Job : Emergency

Section : Prepare to

Sign Pos : 2

Location Details

Wind Region
Exposed Terrain
Risk Category
Foundation Soil
Side of Road
Distance from carriageway
Road Height

Region C
No
Low Impact Risk
Firm to Stiff Clay Soil
Left
1000
1500

Slope Details

Segment	Length	Height
1	5000	0

Sign Face Details

Detail	Front Lower	Front Upper
Sign Code	11	12
Sign Width	1100	1100
Sign Depth	1600	400
Legend Class	Various	Various
Legend Colour	Various	Various
Background Class	Various	Various
Background Colour	Yellow	Brown
Sign Separation	0	0

Sign Stiffener Details

Detail	Front Lower	Front Upper
Stiffener Type	1	1
Number of Stiffeners	5	2
Stiffener Spacing	385	350
Number of Brackets	10	4

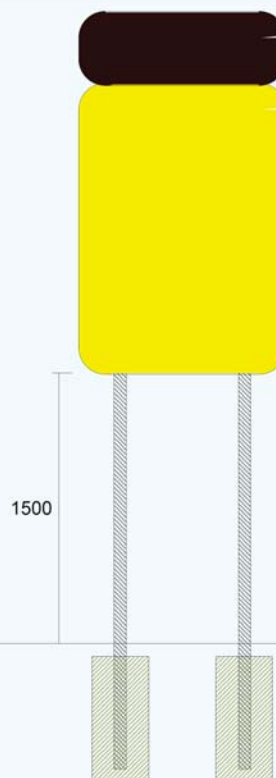
CHS Steel Design Details

Support Details

Number 2
Spacing 660, Standard
Kerb Post Length 4200
Post 2 Length 4200
Post 3 Length 0
Post 4 Length 0
Stub Length 0
Post Dimensions 65 NB
Post Wall Thickness 3.2
Post Grade C350
Slip Base Required No

Footings Details

Diameter of Hole 300
Depth of Hole 700

**Notes:**

1. This sign support design example is for the B size sign options. For C size sign option refer to page 4.



**Queensland
Government**

TRASIS SIGN SUPPORT DESIGN FOR SIZE "B" SIGNS

Department of Transport and Main Roads
Infrastructure Management & Delivery Division

APPROVED AS OFFICIAL TRAFFIC SIGN

Designed
TV 10/09

Checked
DJ 10/09

Scale
Not to Scale

R. King
PRINCIPAL ENGINEER
(Traffic Engineering)

18/3/16
Date

TC1784

Page 3 of 4

A B C

Job : Emergency

Section : Prepare to

Sign Pos : 1

Location Details

Wind Region Region C
 Exposed Terrain No
 Risk Category Low Impact Risk
 Foundation Soil Firm to Stiff Clay Soil
 Side of Road Left
 Distance from carriageway 1000
 Road Height 1500

Slope Details

Segment	Length	Height
1	5000	0

Sign Face Details

Detail	Front Lower	Front Upper
Sign Code	11	12
Sign Width	1400	1400
Sign Depth	2000	400
Legend Class	Various	Various
Legend Colour	Various	Various
Background Class	Various	Various
Background Colour	Yellow	Brown
Sign Separation	0	0

Sign Stiffener Details

Detail	Front Lower	Front Upper
Stiffener Type	1	1
Number of Stiffeners	5	2
Stiffener Spacing	450	350
Number of Brackets	10	4

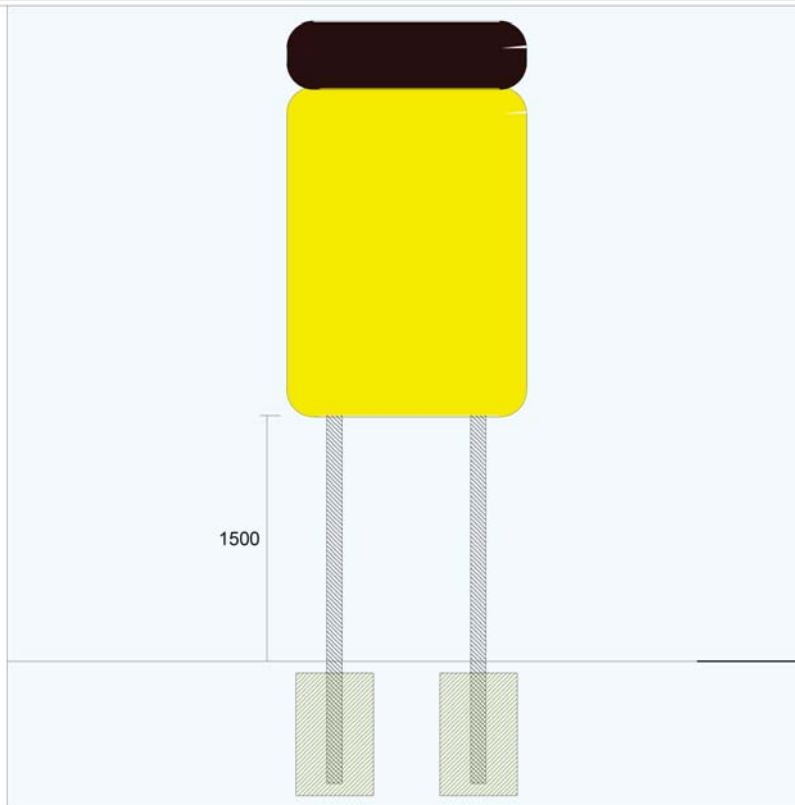
CHS Steel Design Details

Support Details

Number 2
 Spacing 840, Standard
 Kerb Post Length 4650
 Post 2 Length 4650
 Post 3 Length 0
 Post 4 Length 0
 Stub Length 0
 Post Dimensions 90 NB
 Post Wall Thickness 3.2
 Post Grade C350
 Slip Base Required No

Footings Details

Diameter of Hole 450
 Depth of Hole 750

**Notes:**

1. This sign support design example is for the C size sign options. For B size sign option refer to page 3.



Queensland
Government

TRASIS SIGN SUPPORT DESIGN FOR SIZE "C" SIGNS

Department of Transport and Main Roads
Infrastructure Management & Delivery Division

APPROVED AS OFFICIAL TRAFFIC SIGN

Designed
TV 10/09

Checked
DJ 10/09

Scale
Not to Scale

R. King
PRINCIPAL ENGINEER
(Traffic Engineering)

18/3/16
Date

TC1784

Page 4 of 4

A	B	C		
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