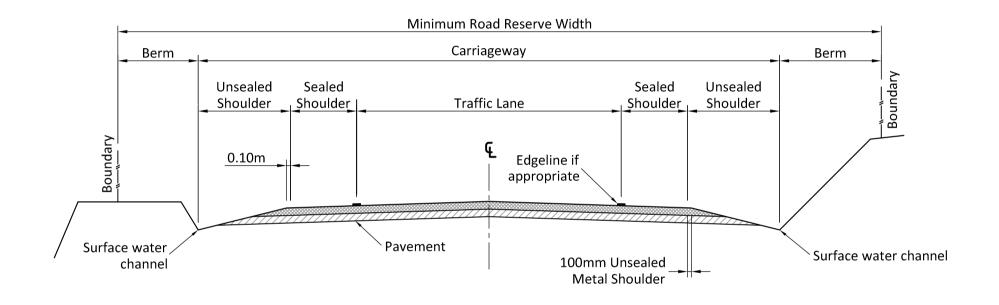


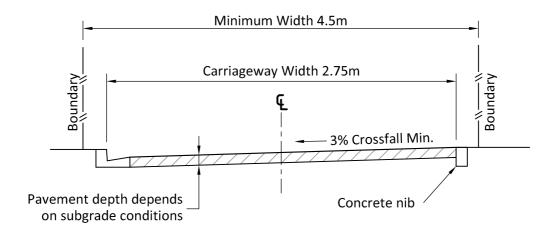
Refer To Table C4 For Dimensions

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in		SEALED URBAN ROAD	Issue .	July 2011
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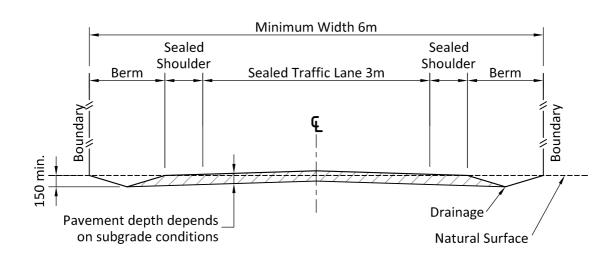


Refer To Table C4 For Dimensions

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URBAN PRIVATE LANE



RURAL PRIVATE LANE

Refer To Table C4 For Dimensions

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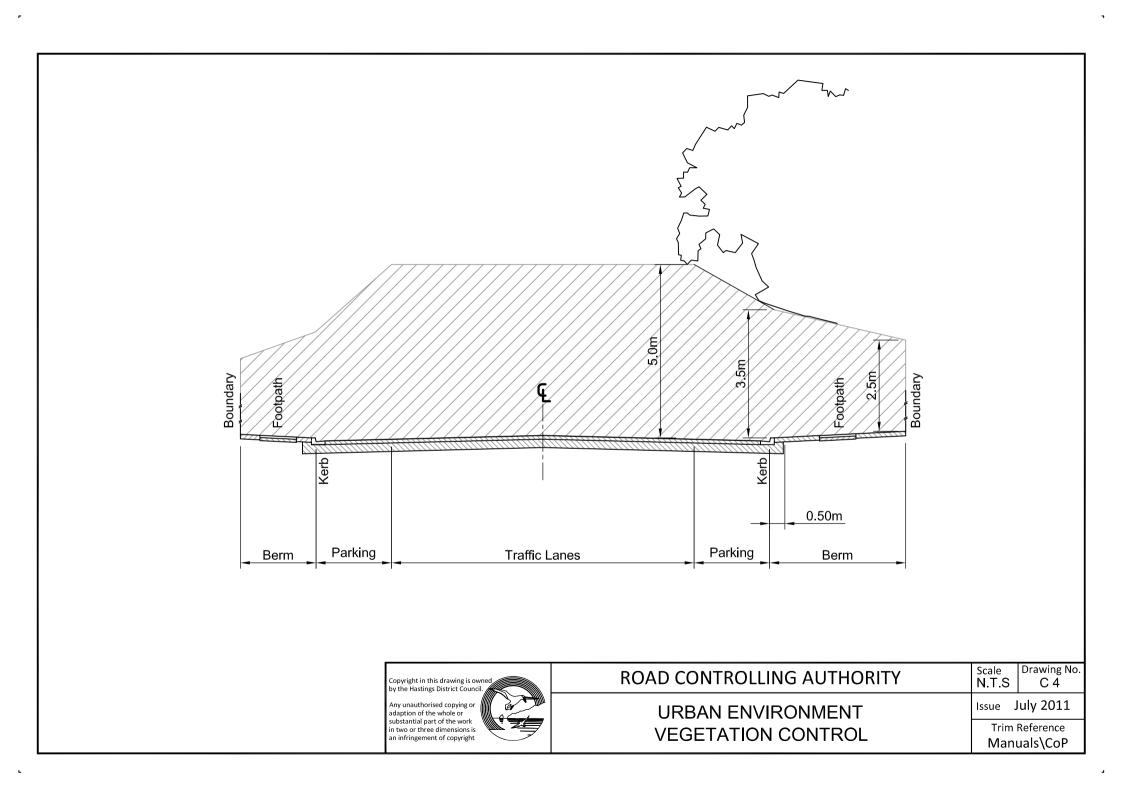
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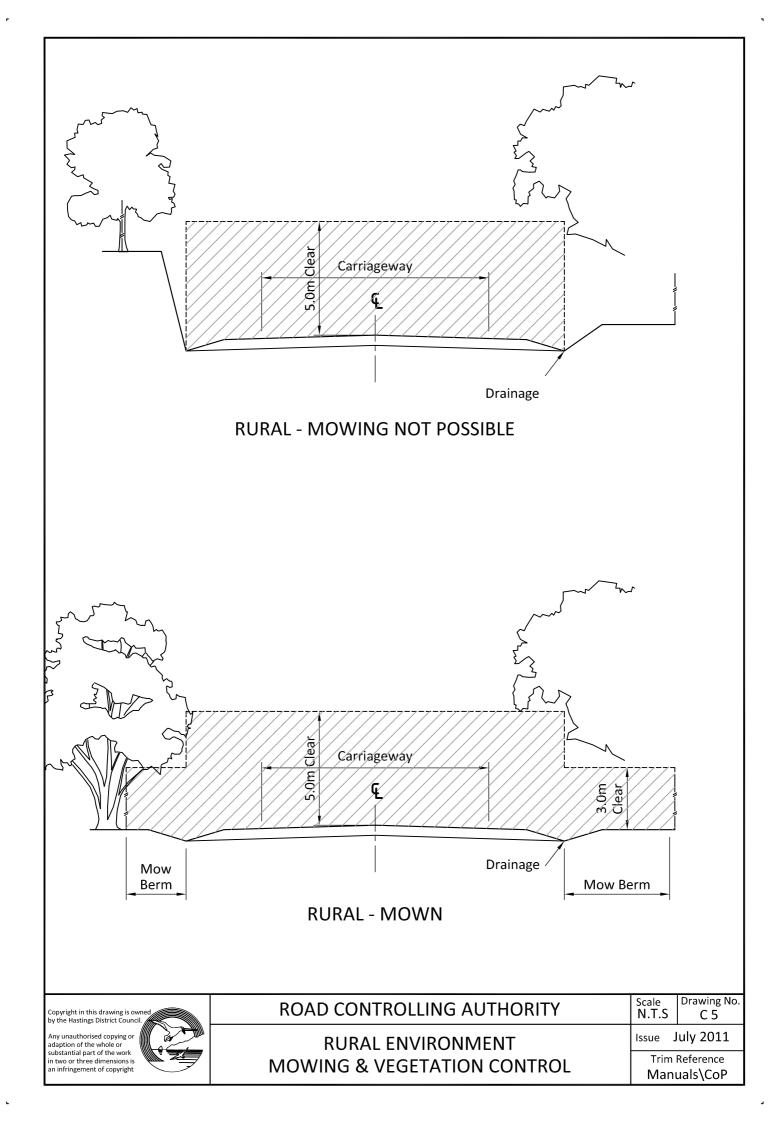
ROAD CONTROLLING AUTHORITY

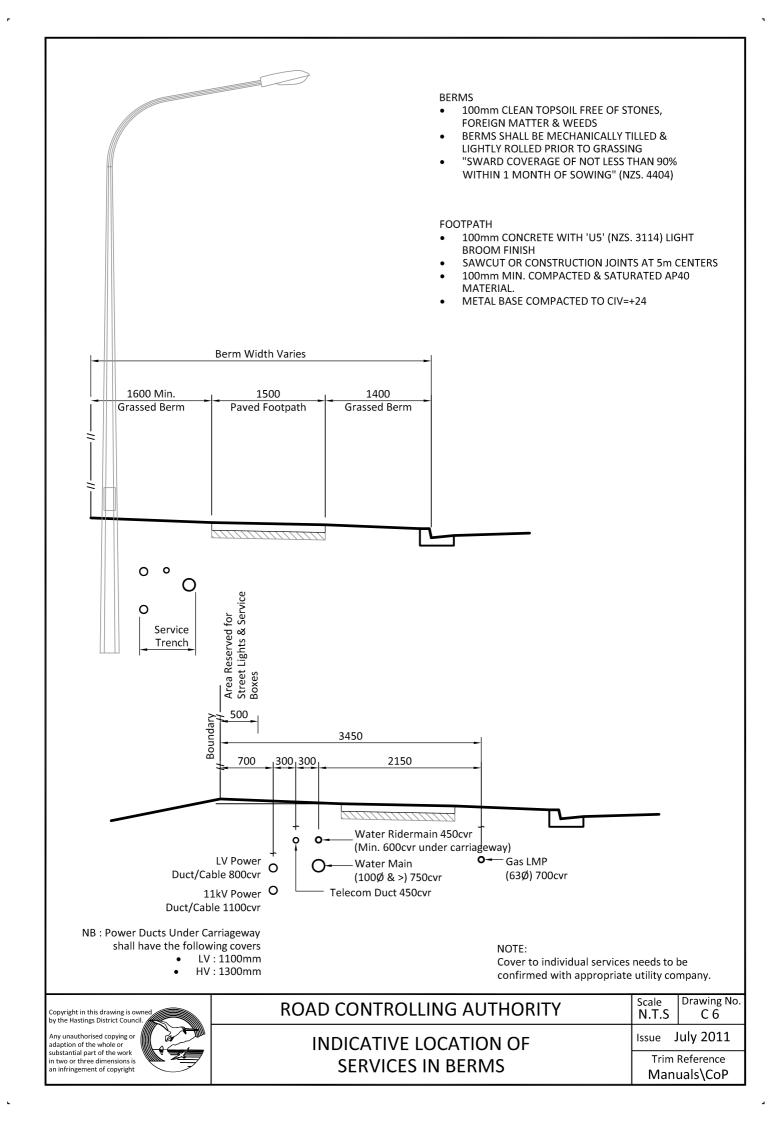
PRIVATE LANES

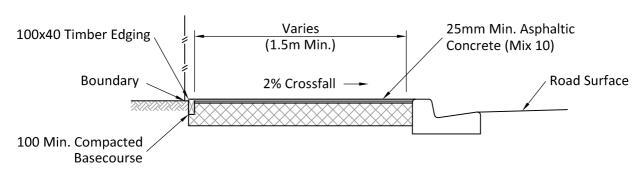
TYPICAL CROSS SECTIONS

| Issue | July 2011 | Trim Reference | Manuals COP | Manuals COP | Manuals COP |



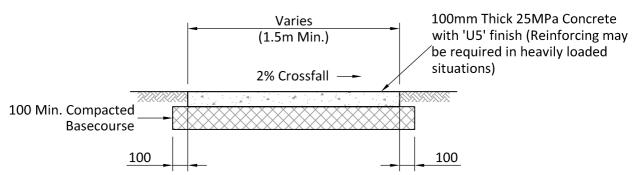






Note: All Timber Ground Contact Grade H4 to NZS 3640

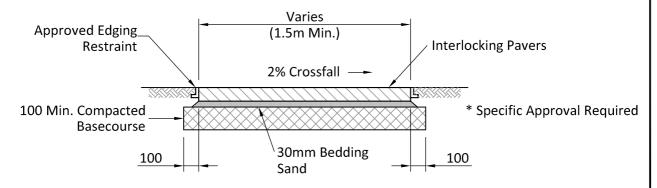
ASPHALTIC CONCRETE (Commercial & Industrial)



Footpath

Light Broom Finish, Sawcut or Construction Joints at 5m Centers Min.

CONCRETE



INTERLOCKING PAVERS

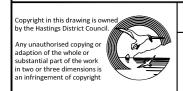
NOTE: 1. Depth of basecourse will depend on subgrade strength. Depths shown assume subgrade CBR > 5% Basecourse Compacted to 95% Standard Compaction Clegg Test C.I.N >24

2. Refer to table C4 for footpath dimensions and berm requirements

- 100mm clean topsoil, free of stones, foreign matter & weeds.
- Berms shall be mechanically tilled & lightly rolled prior to grassing.
- "Sward coverage of not less than 90% within 1 month of sowing" (NZS. 4404)

Footpath

Sawcut or construction joints at 5m centers



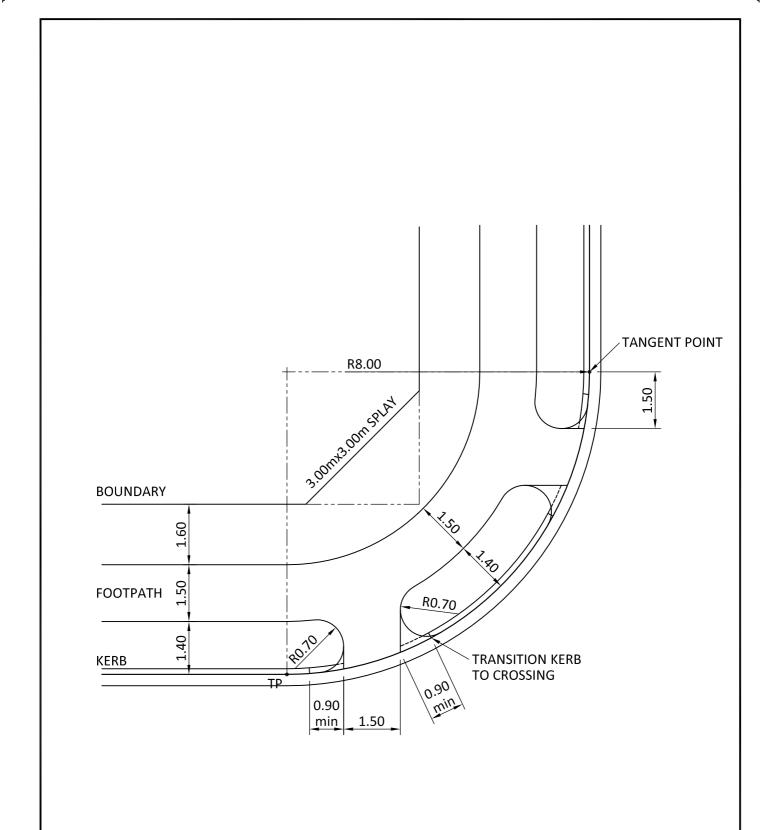
ROAD CONTROLLING AUTHORITY

Drawing No. Scale N.T.S

C 7

FOOTPATH & SHARED FACILITY CONSTRUCTION **TYPICAL CROSS SECTIONS**

Issue July 2011

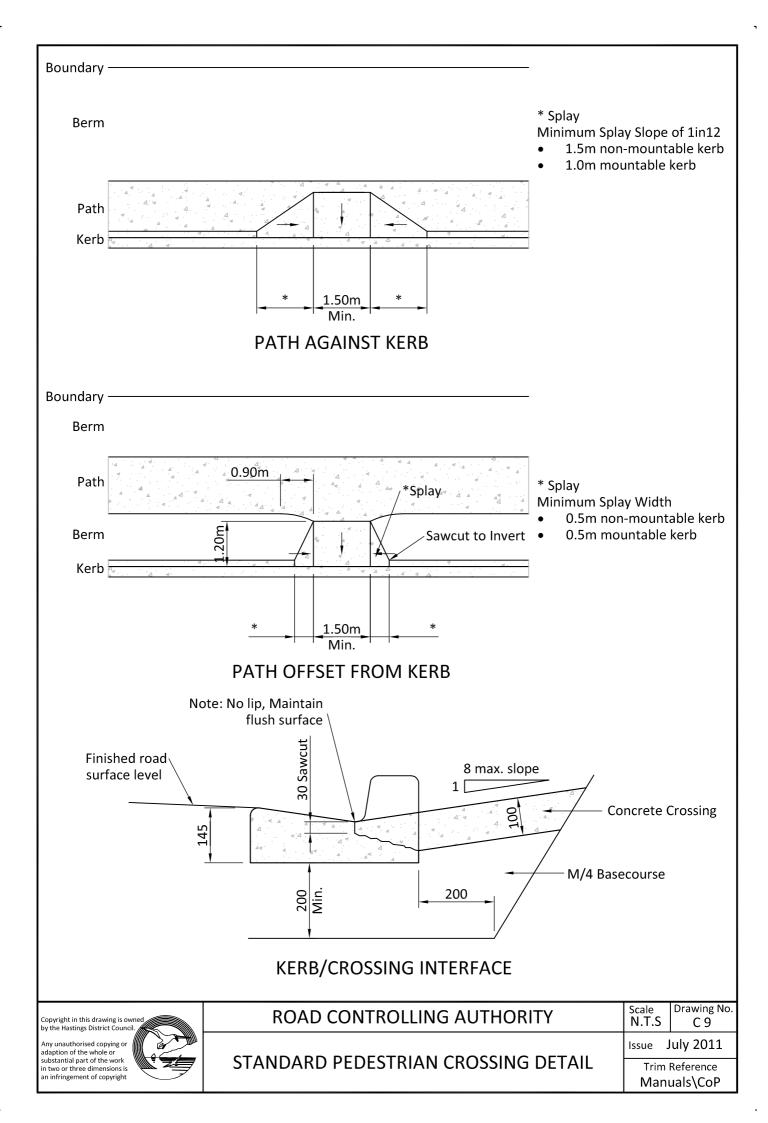


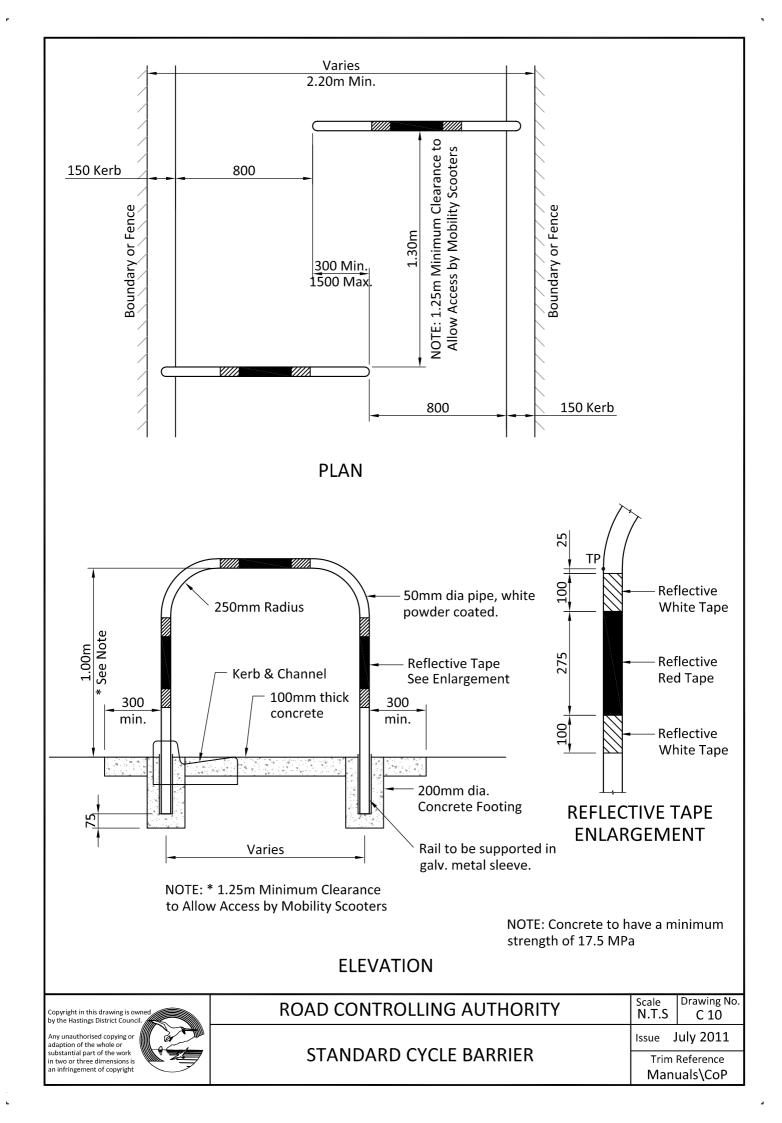
ROAD CONTROLLING AUTHORITY

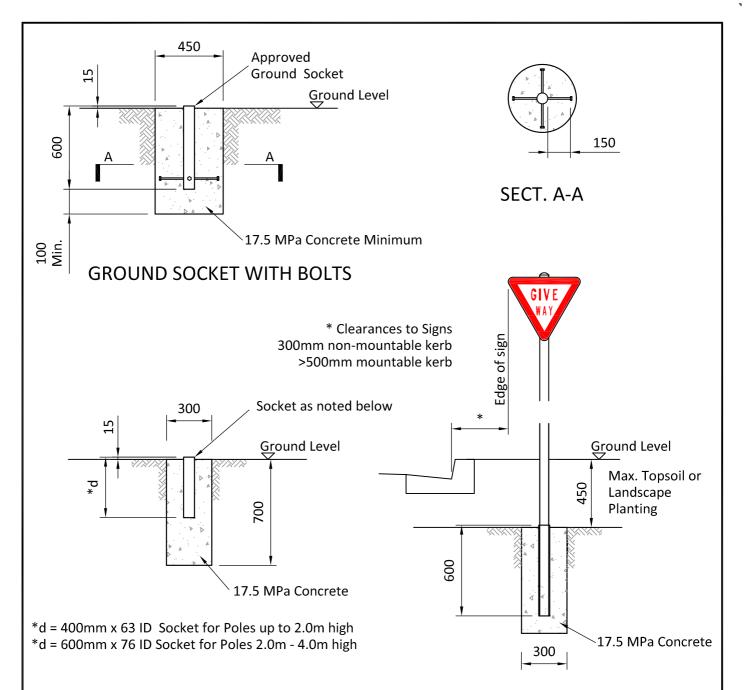
STANDARD PEDESTRIAN CROSSING CORNER LAYOUT

Scale Drawing No. N.T.S C 8

Issue July 2011







TYPICAL 'SIGNFIX' GROUND SOCKET

GROUND SOCKET IN GARDEN

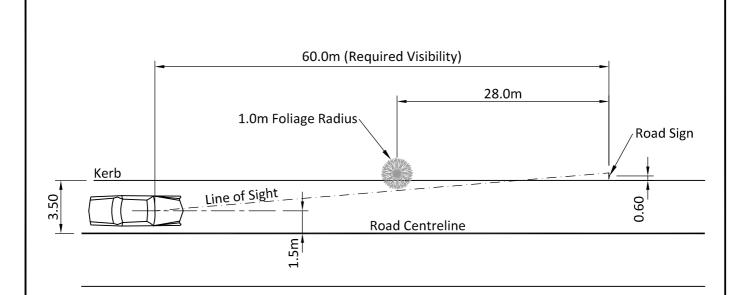
Foundations in Planted and Grassed Areas

- A. Locate pole foundations to meet all contract requirements, and where possible, against a kerb for extra stability. Where socket is near a kerb place concrete to back of kerb to a minimum depth of 100mm. Side clearances, sight lines, pedestrian access, vehicle access and utility services must be considered during installation.
- B. Where no suitable adjacent kerb described in Note 1 is present, locate the pole in the garden or grassed area to satisfy the contract requirements.

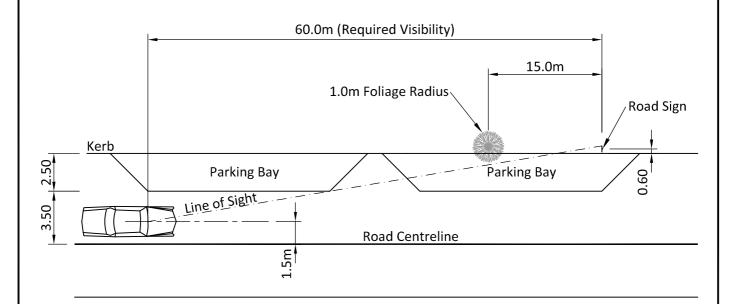
NOTE:

1. All foundations to conform with Road Sign Manufacturers Association Compliance Standard

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substantial part of the work in two or three dimensions is an infringement of copyright	POLE FOUNDATIONS		Reference uals\CoP



DRIVING LANE ADJACENT TO KERB

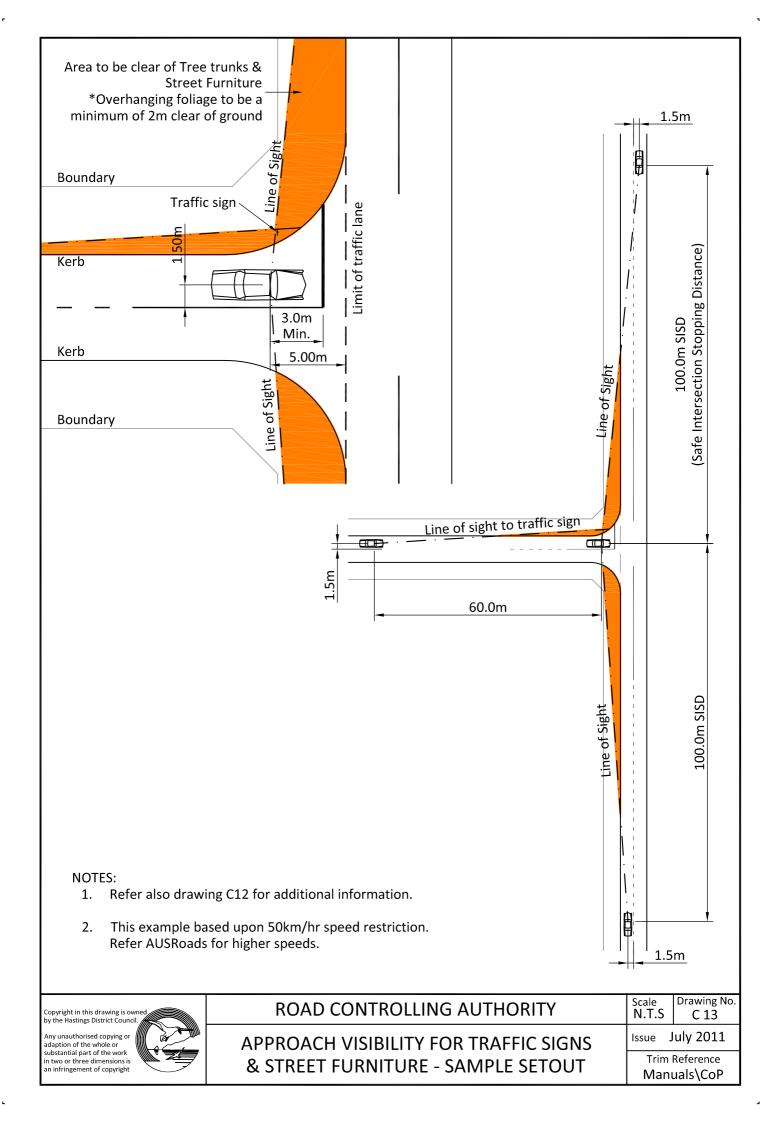


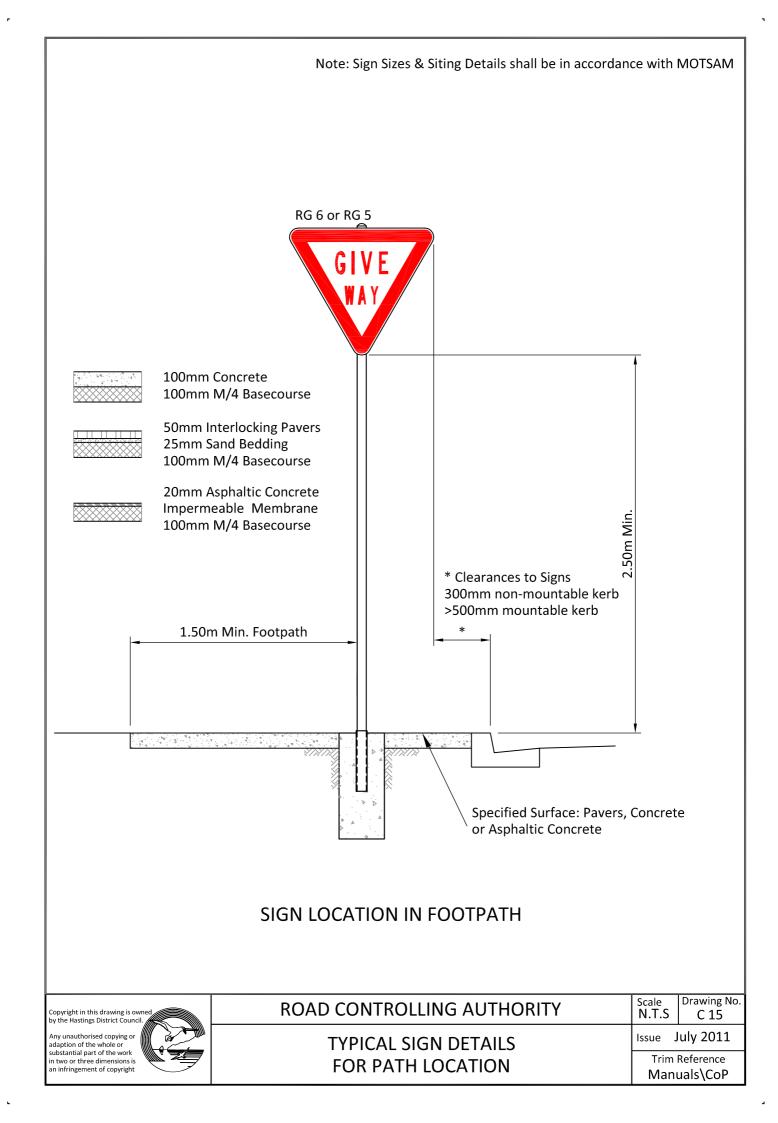
DRIVING LANE AND PARKING LANE

NOTES:

- 1. Mature foliage to be a minimum height of 2.0m clear of ground within the restricted zone.
- 2. Within intersections, plantings shall grow no higher than 0.5m to maintain clear sight splays.

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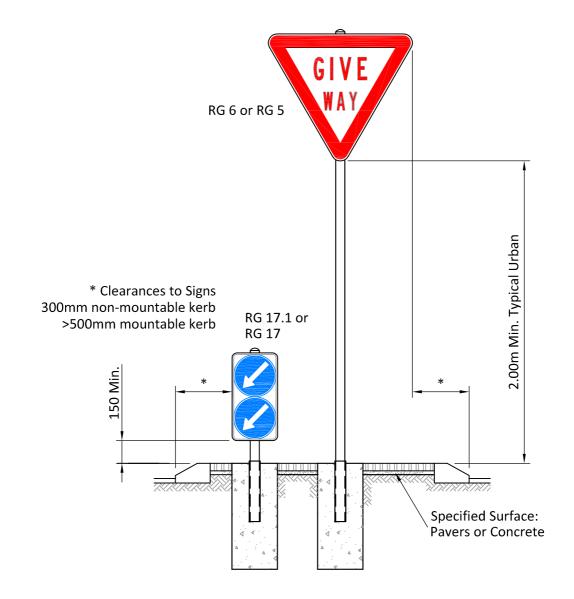


Note: Sign Sizes & Siting Details shall be in accordance with MOTSAM

100mm Concrete 100mm M/4 Basecourse



50mm Interlocking Pavers 25mm Sand Bedding 100mm M/4 Basecourse



SIGN LOCATION IN SPLITTER ISLANDS

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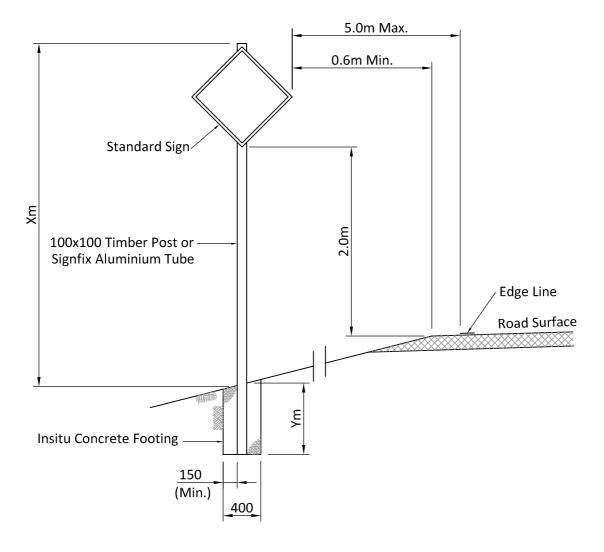
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TYPICAL SIGN DETAILS
SPLITTER ISLAND LOCATION

Scale Drawing No. N.T.S C 16

Issue July 2011



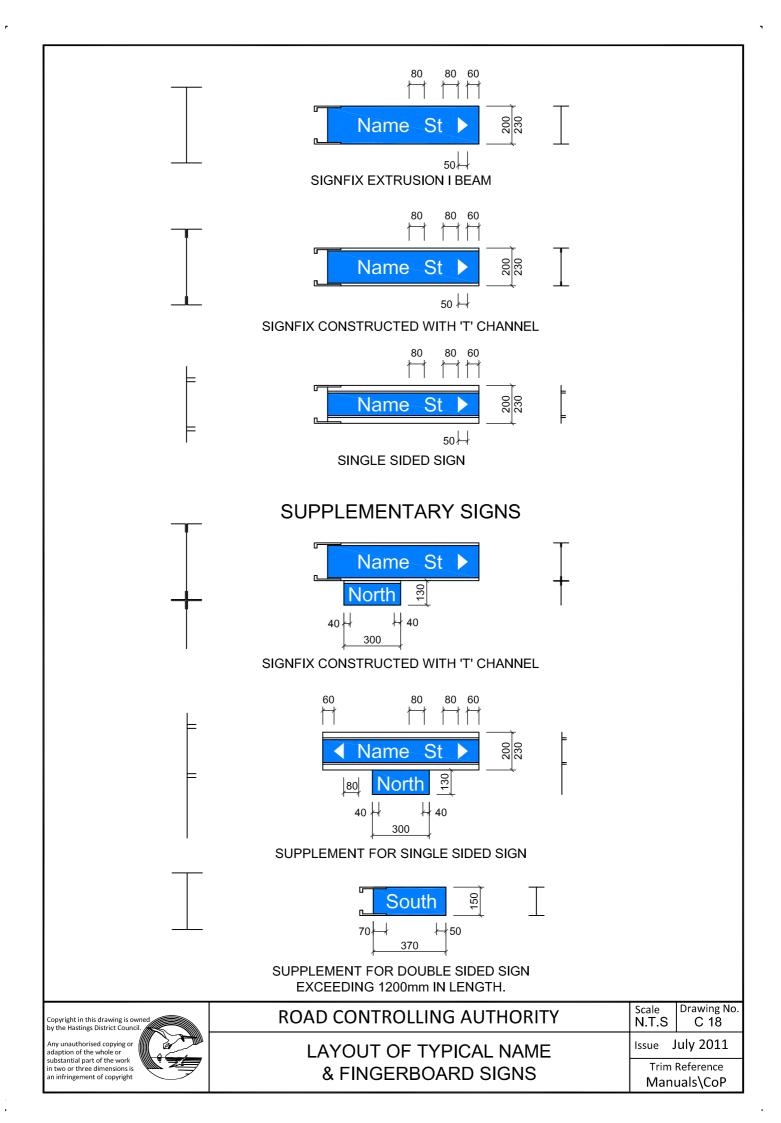
HEIGHT ABOVE	POST DEPTH BELOW	TOTAL POST LENGTH	POST ID	WALL TH	ICKNESS
GROUND LEVEL (X).	GROUND (Y).	(X + Y)	mm		RIB
1.0m - 2.5m	0.70m	1.7m - 3.2m	60	2.80	3.75
2.5m - 3.0m	0.90m	3.4m - 3.9m	76	3.05	4.00
3.0m - 3.5m	1.10m	4.1m - 4.6m	89	3.55	4.50
3.5m - 4.5m	1.30m	4.8m - 5.8m	102	4.50	5.00
4.5m - 5.0m	1.50m	6.0m - 6.5m	114	4.60	5.50

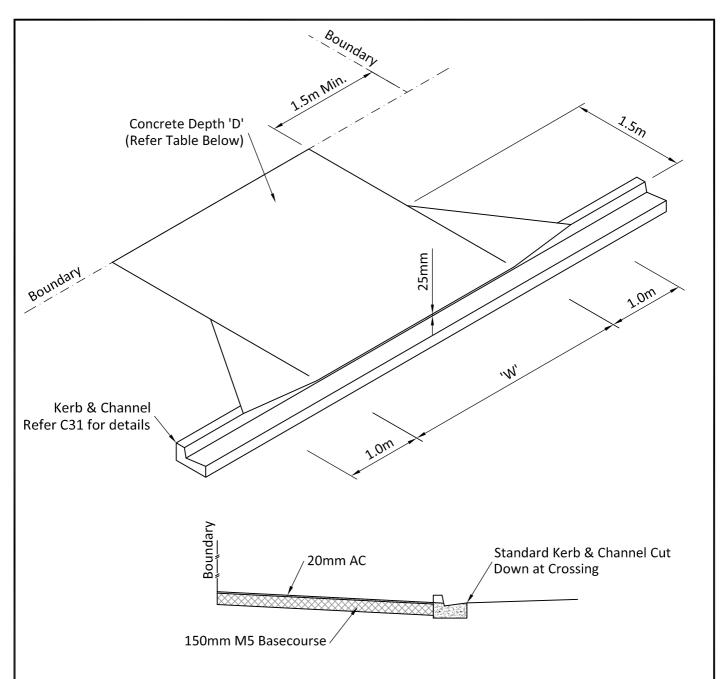
Note:

All foundations to conform with Road Sign Manufacturers Association Compliance Standard

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N.T.S	C 17	
Issue J	uly 2011	
Trim Reference		
Manuals\CoP		





ALTERNATIVE ASPHALTIC CONCRETE DETAIL

Property Description		Width 'W'	Concrete Depth 'D'	Mesh Reinforcing
	1-2 Dwellings	3m	100mm	No
Residential	3-4 Dwellings	4m	125mm	No
	5+ Dwellings	6m	150mm	1 Layer 665
Light Commercial (not requiring specific design).		4m	150mm	1 Layer 665
Industrial (not requiring specific design).		6m	150mm	1 Layer 665

NOTE: For Maximum Dimensions, Refer to Hastings District Plan: Section 14:1

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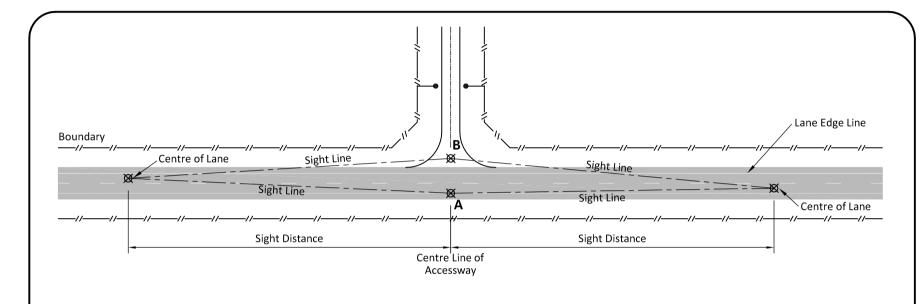
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MINIMUM STANDARDS FOR VEHICLE CROSSINGS ONTO URBAN ROADS

Scale	Drawing No.
N.T.S	C 19

Issue July 2011



POINT A Edge line

POINT B 3.5m minimum setback from white lane edge line

NOTES

• Sight distance shall be measured 1.5m (motorists eye level) above the finished surface of the accessway and the highway.

• There shall be no obstructions to visibility inside the area bounded by the sight lines.

SIGHT	DISTANCES
-------	------------------

SPEED LIMIT	METRES
70	151
80	181
90	214
100	248

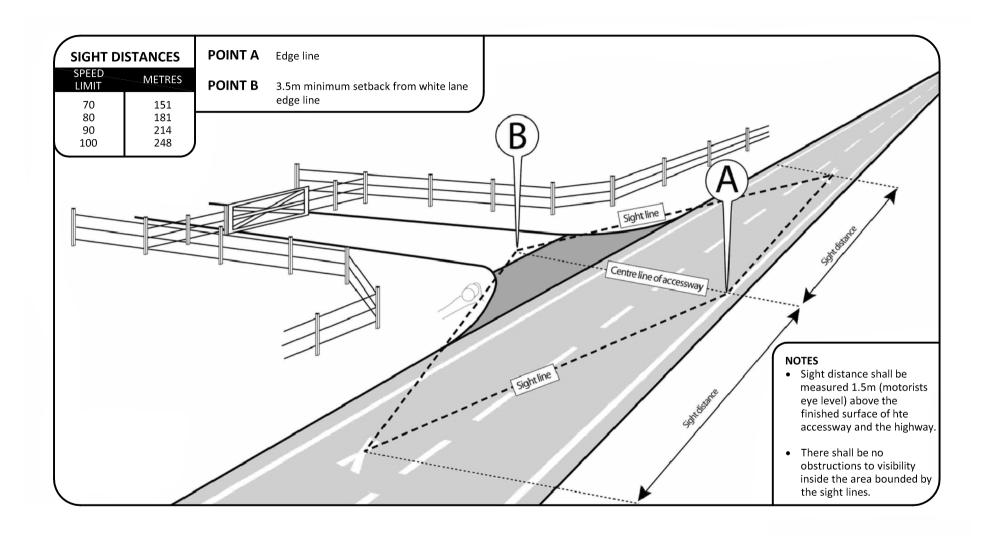
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PRIVATE RURAL ACCESS SIGHT LINES - DIAGRAM A

Scale Drawing No. N.T.S C 20

Issue July 2011



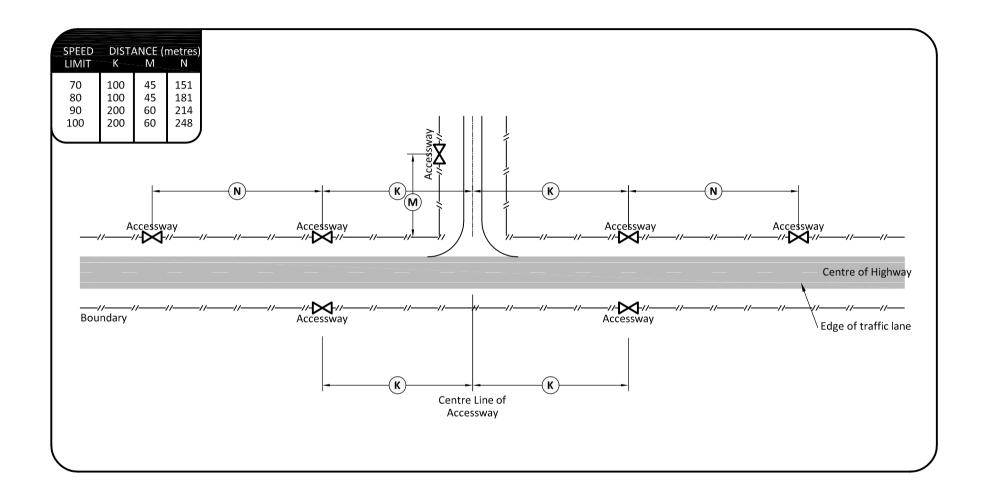
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PRIVATE RURAL ACCESS
SIGHT LINES - PERSPECTIVE A

Scale Drawing No. N.T.S C 21

Issue July 2011
Trim Reference

Manuals\CoP



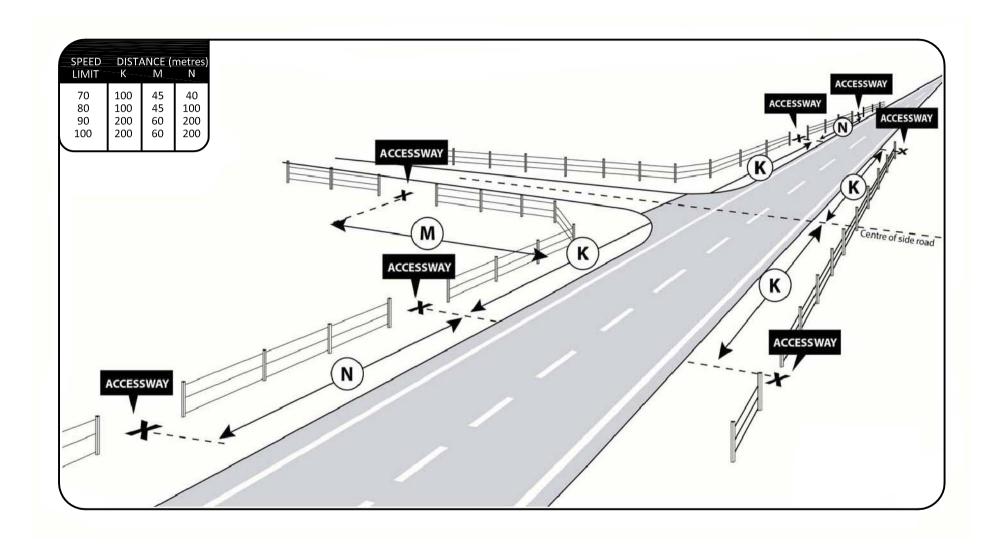
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PRIVATE RURAL ACCESS
SEPARATION DISTANCES - DIAGRAM B

Scale N.T.S	Drawing No. C 22

Issue July 2011
Trim Reference

Manuals\CoP

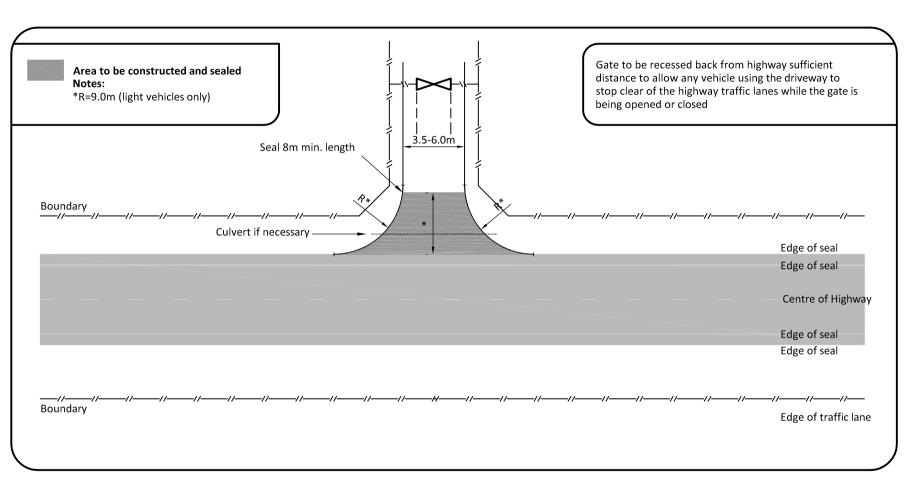


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PRIVATE RURAL ACCESS
SEPARATION DISTANCES - PERSPECTIVE B

Scale Drawing No. N.T.S C 23

Issue July 2011



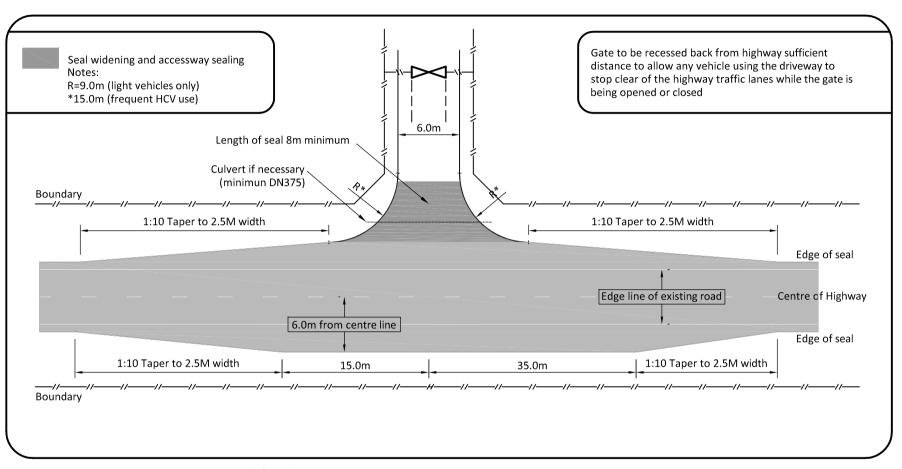
Note: TYPICAL LOW USE is defined as:

1 - 30 ecm/day using entrance

and

≤ 5000 vpd using adjoining road

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		LOW USE - DIAGRAM C		Reference uals\CoP



Note: TYPICAL MODERATE USE is defined as:

1 - 30 ecm/day using entrance

and

≥ 5000 vpd using adjoining road

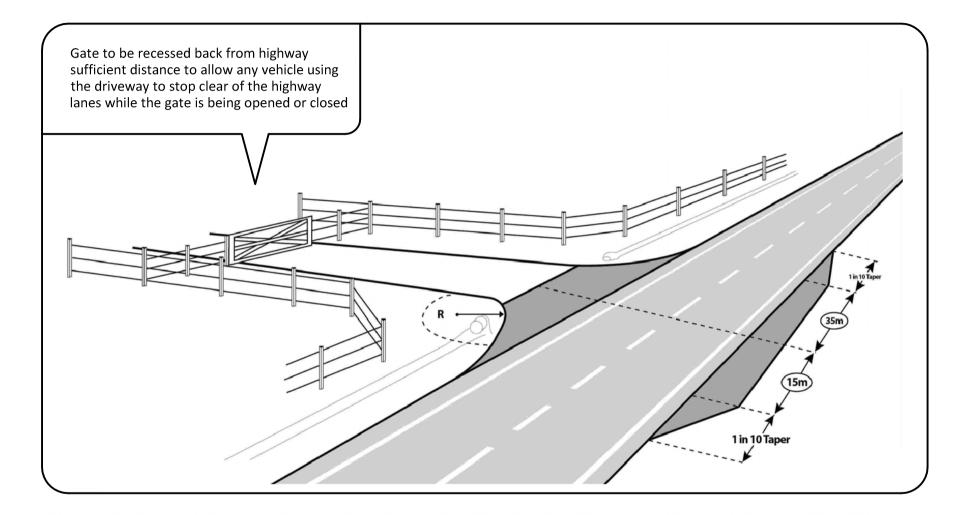


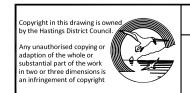
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PRIVATE RURAL ACCESS
MODERATE VEHICLE USE - DIAGRAM D

Scale N.T.S	Drawing No C 26

Issue July 2011



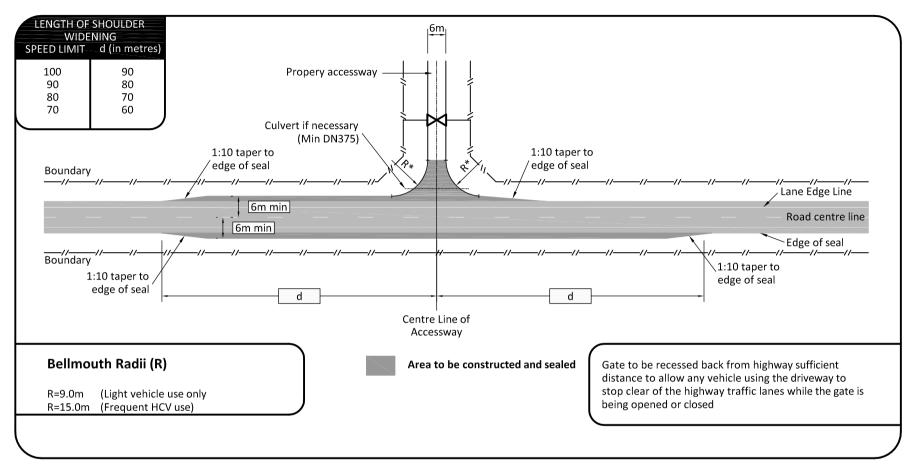


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SIGHT LINES - PERSPECTIVE D

Scale N.T.S	D	rawing No C 27
		2011

Issue July 2011

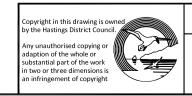


Note: TYPICAL HEAVY USE is defined as:

> 30 & < 100 ecm/day using entrance

and

> 5,000 & < 10,000 vpd using adjoining road

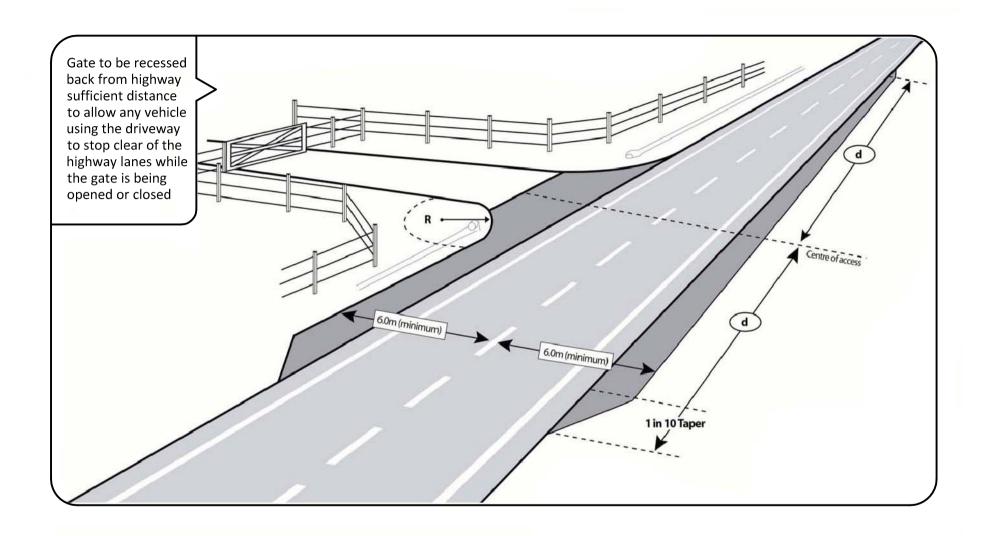


ROAD CONTROLLING AUTHORITY

PRIVATE RURAL ACCESS REGULAR HEAVY VEHICLE USE - DIAGRAM E Scale Drawing No. N.T.S C 28

Issue July 2011
Trim Reference

Manuals\CoP



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PRIVATE RURAL ACCESS
SIGHT LINES - PERSPECTIVE E

Scale N.T.S	Drawing No C 29
	1 2044

Issue July 2011

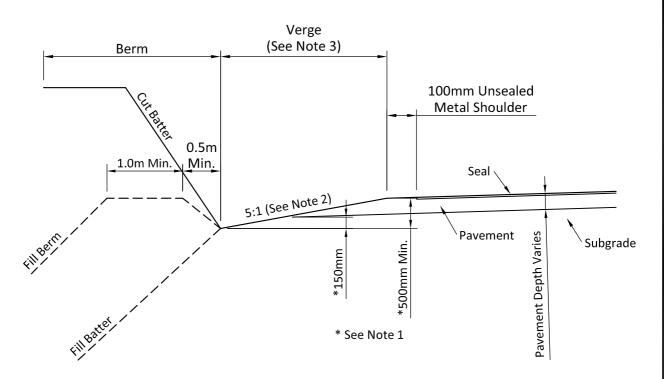
Note: Road & Verge Marking to be in accordance with MOTSAM

1.2m Min.
3m Max.

Edge of Seal

Slope from here depends on natural ground shape

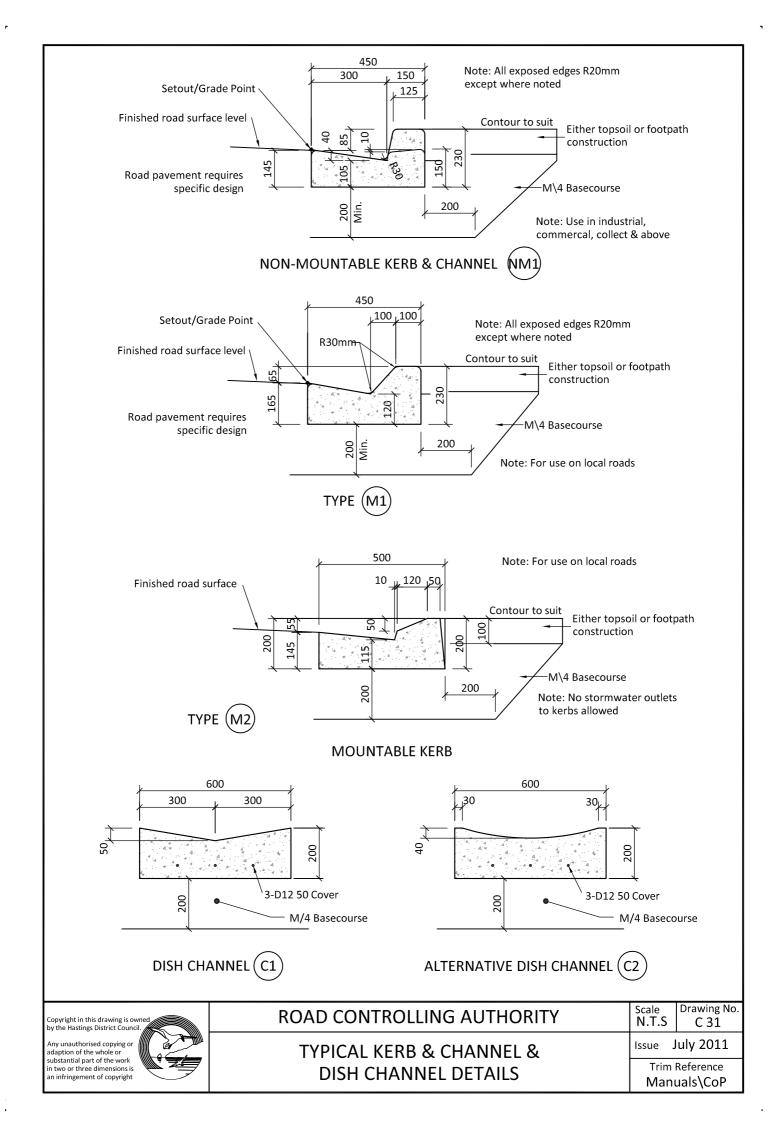
Area to be kept free of services for roading operational purposes

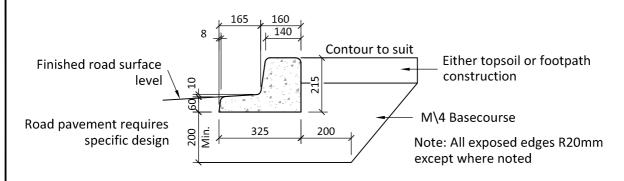


Notes:

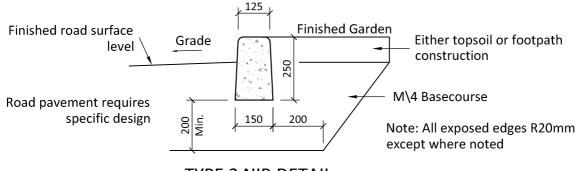
- 1). * Adopt whichever provides the greater depth:
 - (A) 500mm below the seal edge, or
 - (B) 150mm below the pavement/subgrade interface.
- 2). 5:1 Verge slope may be narrowed to an absolute minimum of 4:1 in constrained locations.
 - 6:1 Verge slope is required within 3.0m of topside of curves.
- 3). Cut batter, Fill batter, Fill slopes are dependant on site soil stability criteria

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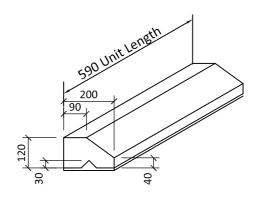




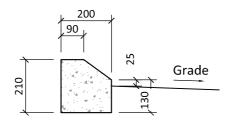
TYPE 1 NIB DETAIL



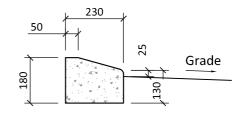
TYPE 2 NIB DETAIL



SURFACE MOUNTED PRECAST ISLAND KERB BLOCK



MEDIAN ISLAND KERB



ROUNDABOUT KERB

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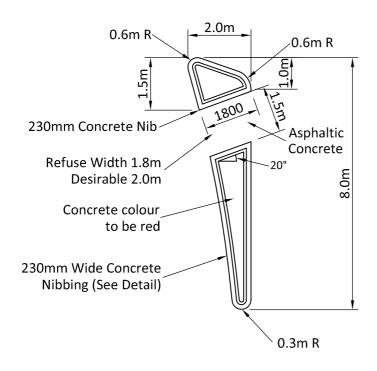
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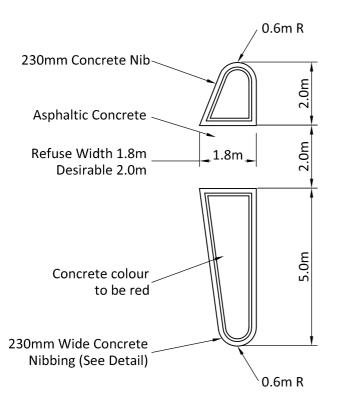
Scale N.T.S Drawing No. C 32

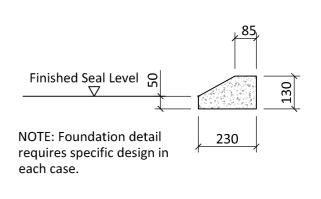
TYPICAL NIB DETAILS

Issue July 2011



SPLITTER ISLAND DETAIL ROUNDABOUTS





SPLITTER ISLAND NIB DETAIL

SPLITTER ISLAND DETAIL GIVE WAY/STOP CONTROL INTERSECTIONS

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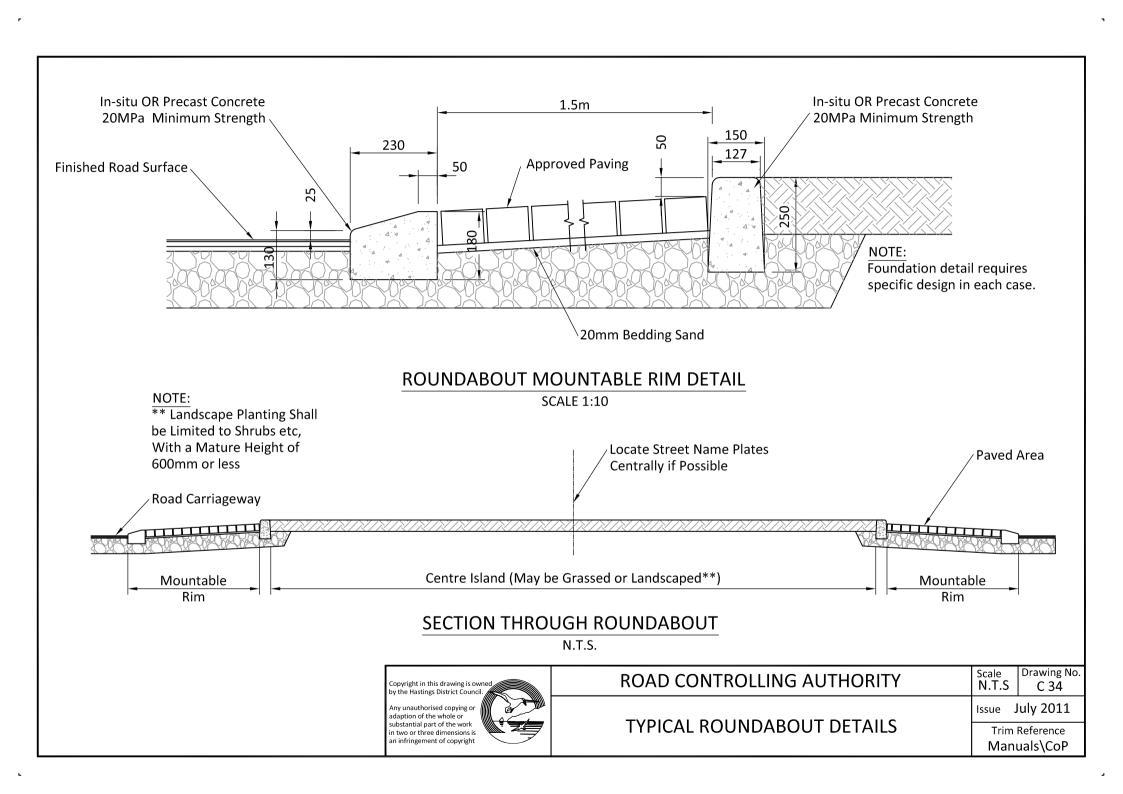
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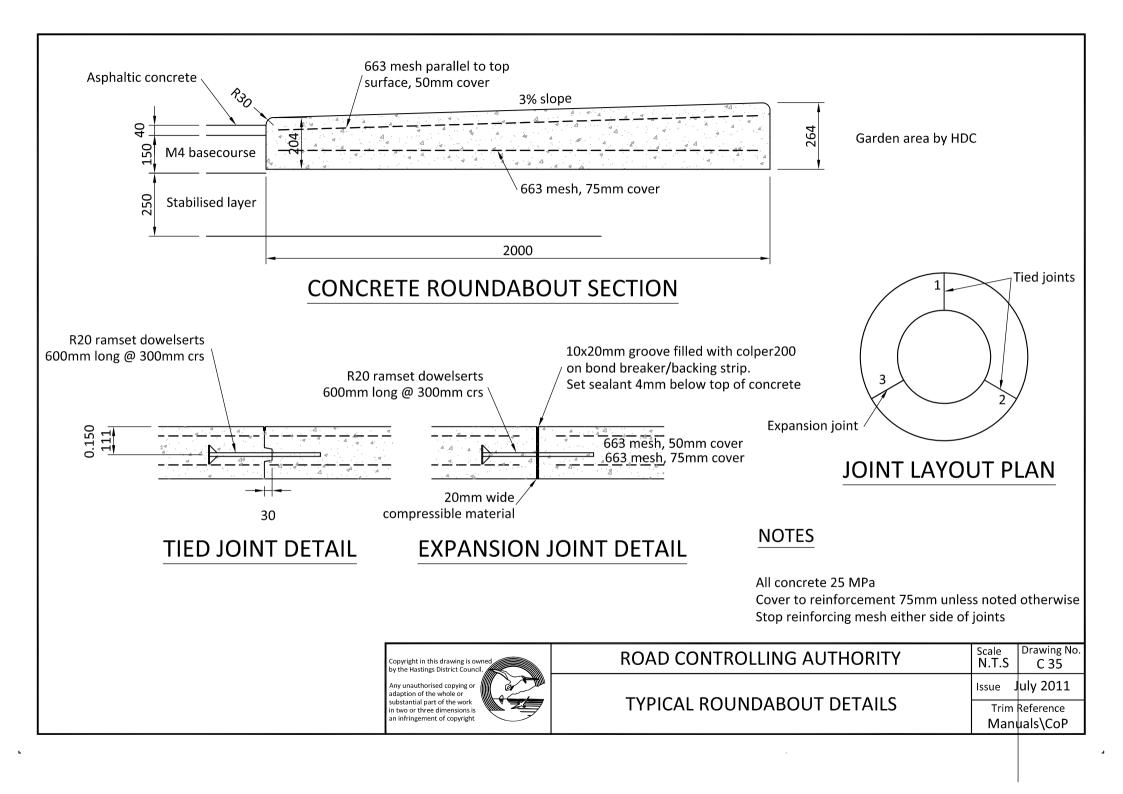
ROAD CONTROLLING A	UTHORITY
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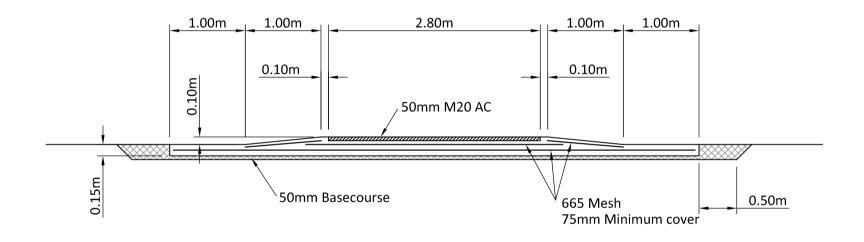
Scale Drawing No. N.T.S C 33

TYPICAL SPLITTER ISLAND DETAILS

Issue July 2011







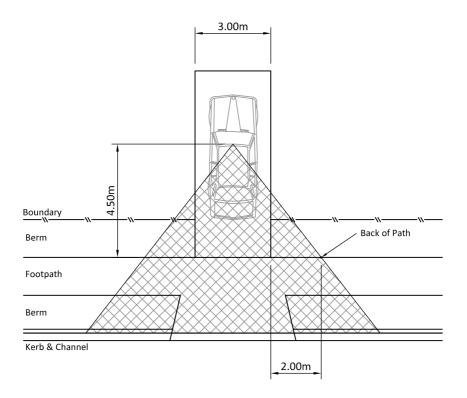
ROAD CONTROLLING AUTHORITY

Scale Drawing No. N.T.S C 36

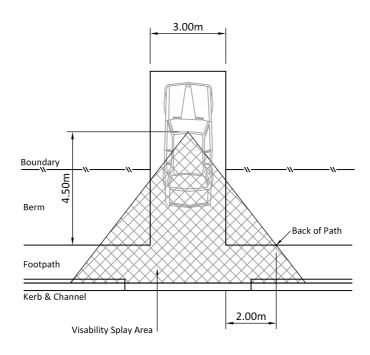
Issue July 2011

TYPICAL SPEED HUMP

Note: No vegetation or structure shall sit within the hatched zone at a height greater than 600mm above ground level or the level of footpath whichever is the lowest



FOOTPATH OFF KERB



FOOTPATH ON KERB

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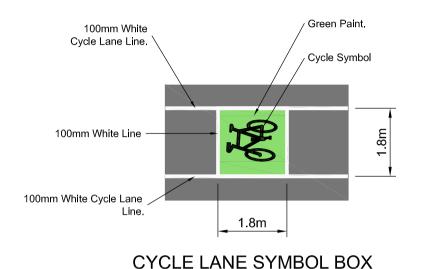
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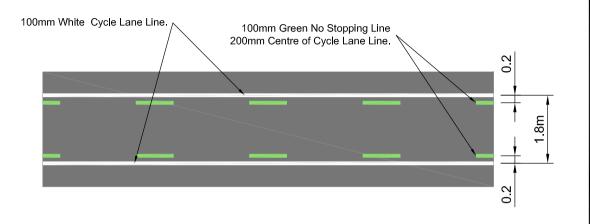
Scale Draw C

Drawing No. C 38

PEDESTRIAN VISIBILITY SPLAY

Issue July 2011





CYCLE LANE

NOTES

- 1. All road markings are to comply with MOTSAM.
- 2. The Green No Stopping Line in the Cycle Lane is to be the following:
 - 1.0m Line with 3.0m Gap in <60 Km/Hr. Area.
 - 1.0m Line with 5.0m Gap in >60 Km/Hr. Area.

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		ROAD MARKING	Issue J	July 2011
		CYCLE LANE		Reference uals\CoP

