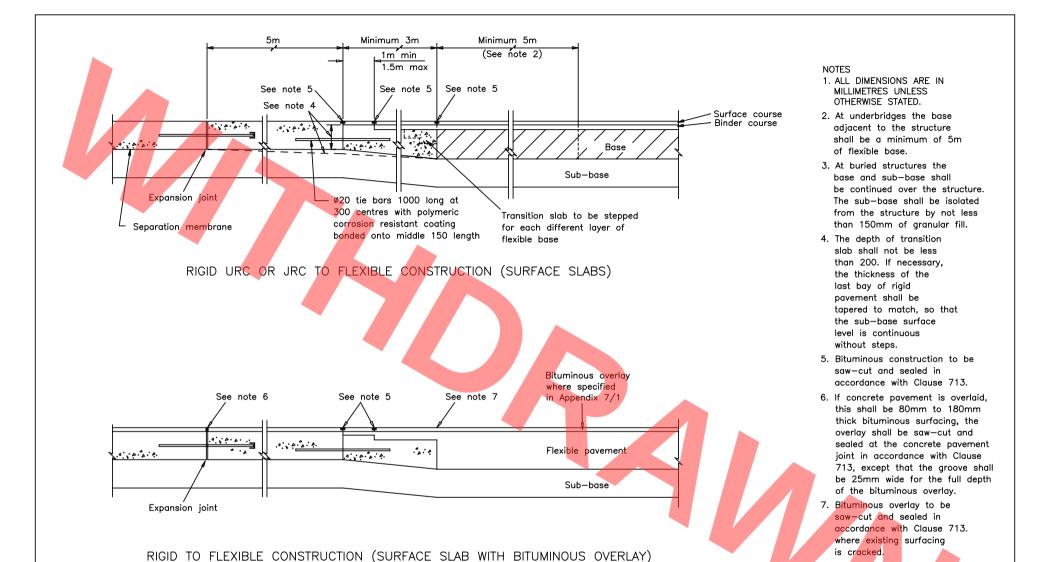


HIGHWAY CONSTRUCTION DETAILS



CONCRETE E MAY 06
D MAY 02
C MAY 01
CARRIAGEWAY
B MAR 98
A DEC 91
Issue Date

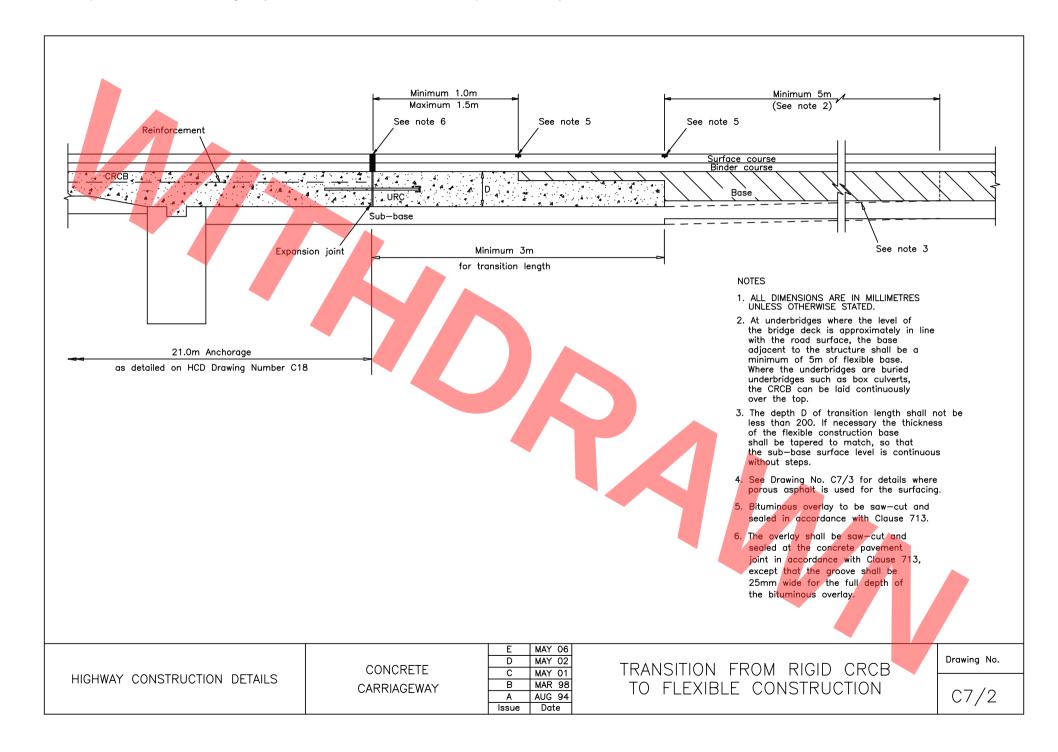
TRANSITION FROM RIGID URC OR JRC TO FLEXIBLE CONSTRUCTION

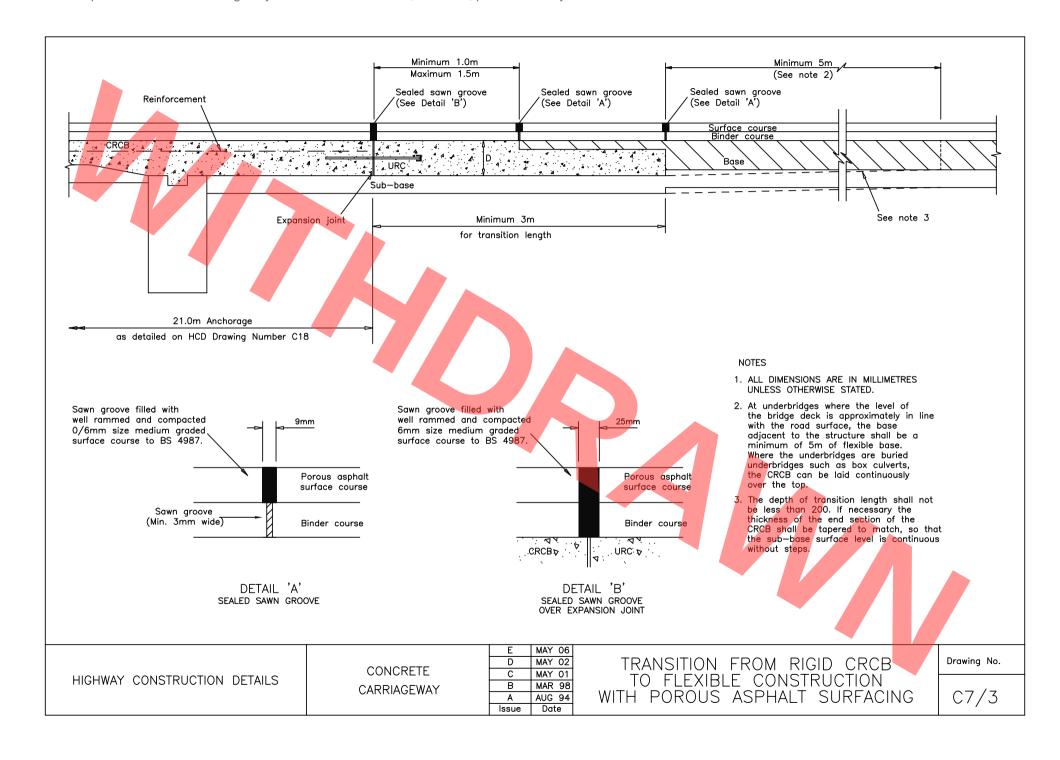
Drawing No.

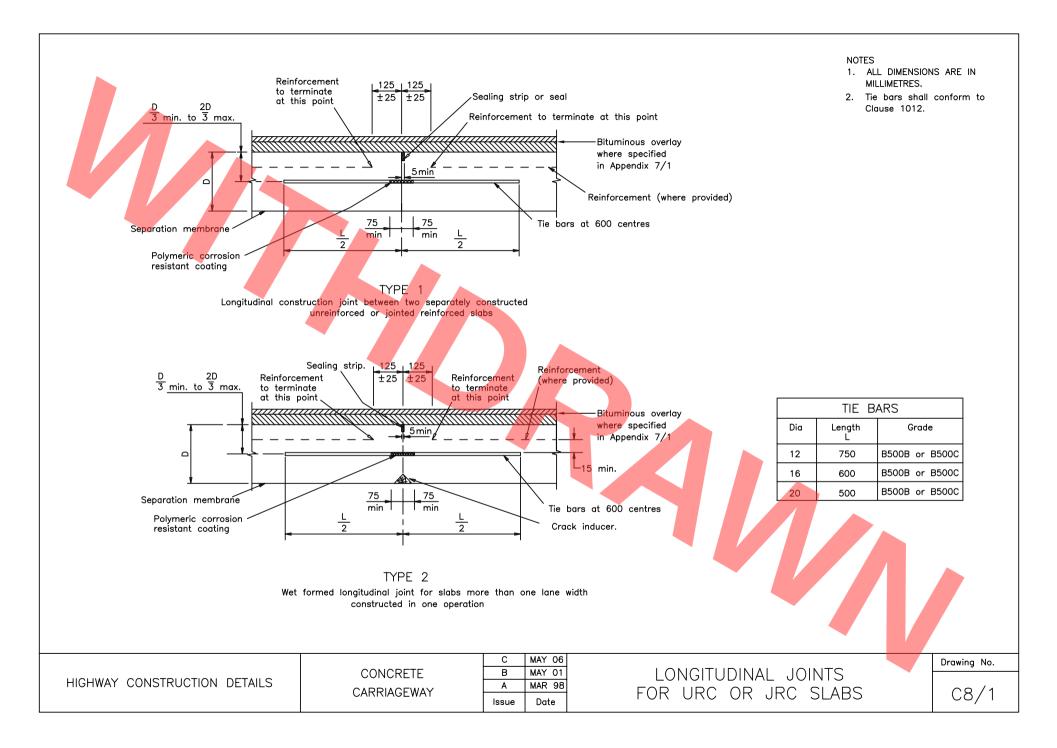
8. Tie bars shall conform to

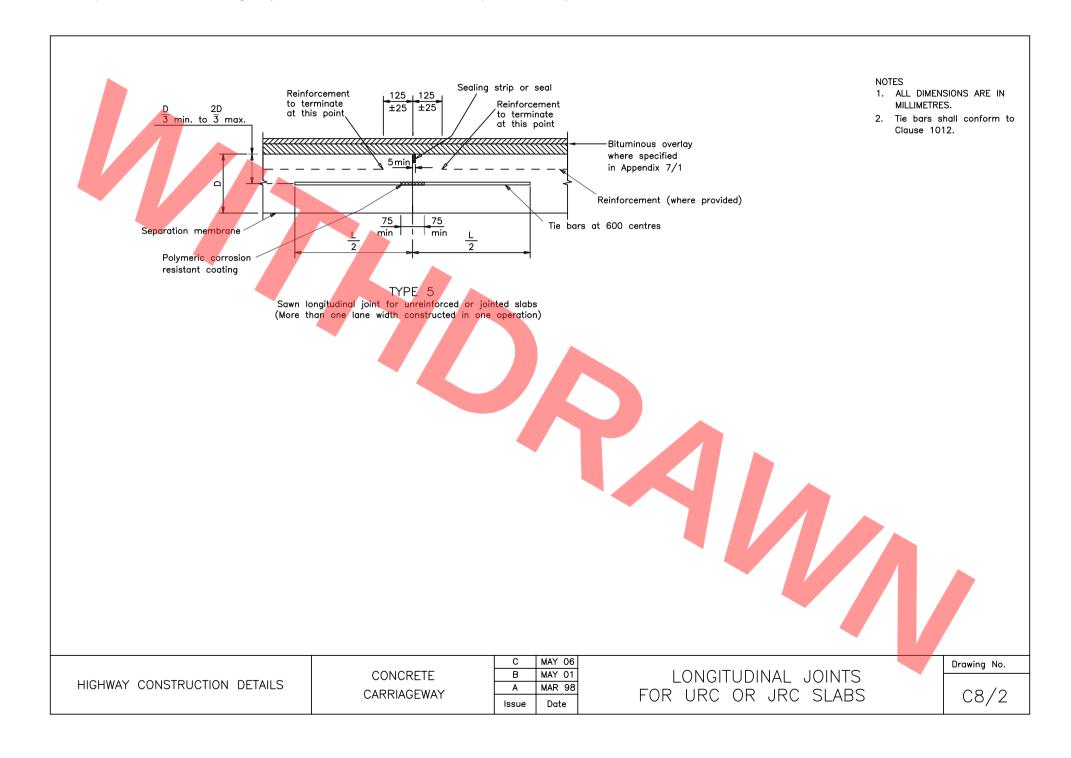
Clause 1012.

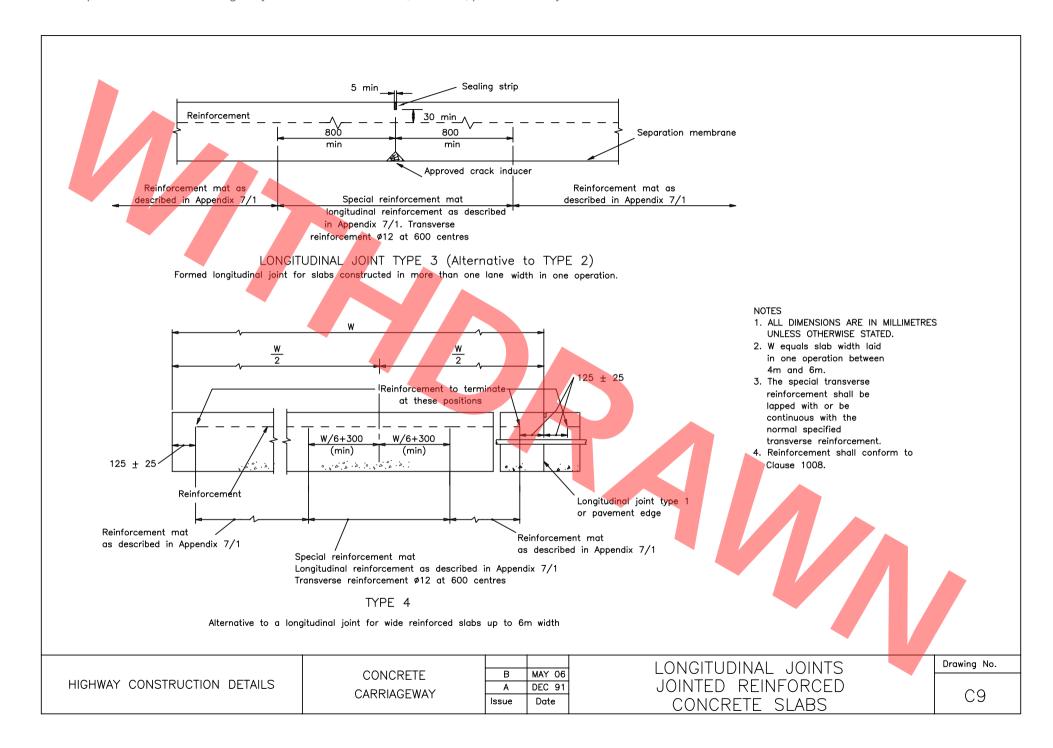
C7/1

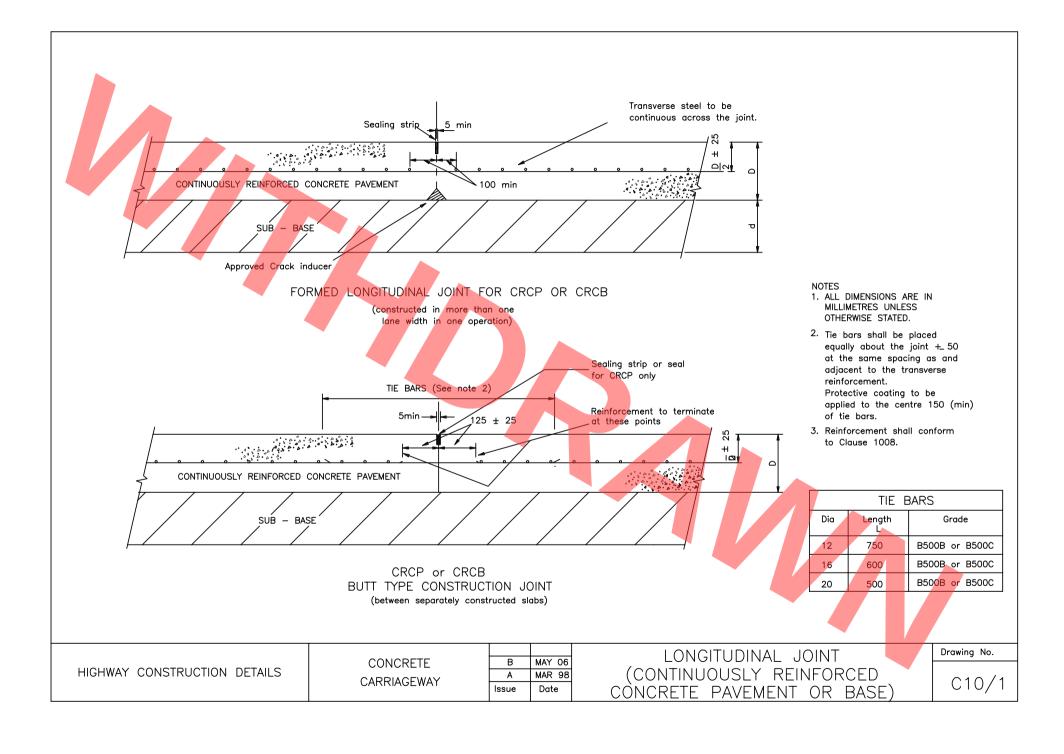


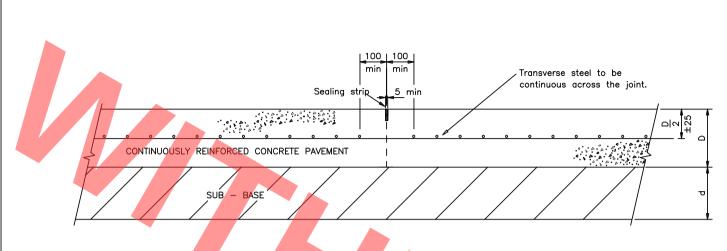












# SAWN LONGITUDINAL JOINT FOR CRCP OR CRCB

(constructed in more than one lane width in one operation)

- NOTES 1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
- 2. Tie bars shall be placed equally about the joint +\_ 50 at the same spacing as and adjacent to the transverse reinforcement. Protective coating to be applied to the centre 150 (min) of tie bars.
- 3. Reinforcement shall conform to Clause 1008.

	TIE BARS						
1	Dia	Length L	Grade				
	12	750	B500B or B500C				
	16	600	B500B or B500C				
,	20	500	B500B or B500C				

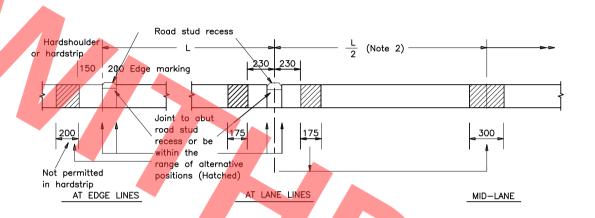
HIGHWAY CONSTRUCTION DETAILS

CONCRETE **CARRIAGEWAY** 

В MAY 06 MAR 98 Α Issue Date

LONGITUDINAL JOINT (CONTINUOUSLY REINFORCED CONCRETE PAVEMENT OR BASE) Drawing No.

C10/2



## PERMITTED ALTERNATIVE LONGITUDINAL JOINT POSITIONS

Longitudinal joint positions.

Joints shall be positioned beside or close to edge or lane markings, road studs or their recesses, or in mid-lane so that the maximum slab width is not exceeded (see note 3).

Permitted alternative joint positions are shown by arrows above.
Tolerances for alternative joint positions are shown by shading.
Joints in CRC pavement shall only be construction joints at positions agreed by the Engineer, to suit the method of construction, avoiding positions under the wheeltracks.

Lane markings and reflecting road studs Lane and edge markings shall be placed as shown on the Drawings. Reflecting road studs shall be placed centrally in lane markings or adjacent to edge markings unless otherwise shown on the Drawings.

Minor adjustments to the lane line position of up to 100mm may be made where the joint and lane line would conflict or otherwise fall outside the permitted tolerances, provided that there are no offset discontinuities in the markings and the adjustments are approved by the Engineer.

#### NOTES

- 1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
- L= Lane width. For dual carriageways joint position may be at L/2. For position of joints in single carriageways see drawing no. C12 to C17.
- 3. Maximum slab widths:

Aggregate-	Limestone	All others
URC	5.0m	4.2m
JRC 7 CRCP.	7.3m	6.0m

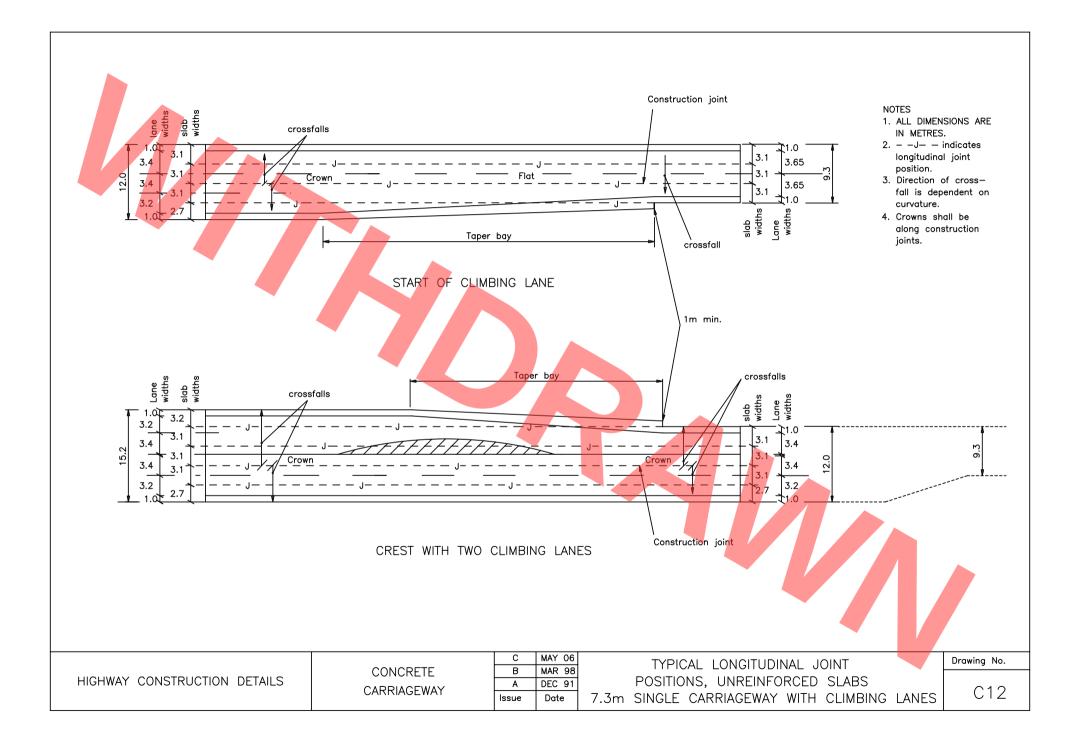
- 4. For transverse joint arrangements in hardstrips see drg no C26.
- 5. Road stud recesses not to be within 150 min of transverse joints.

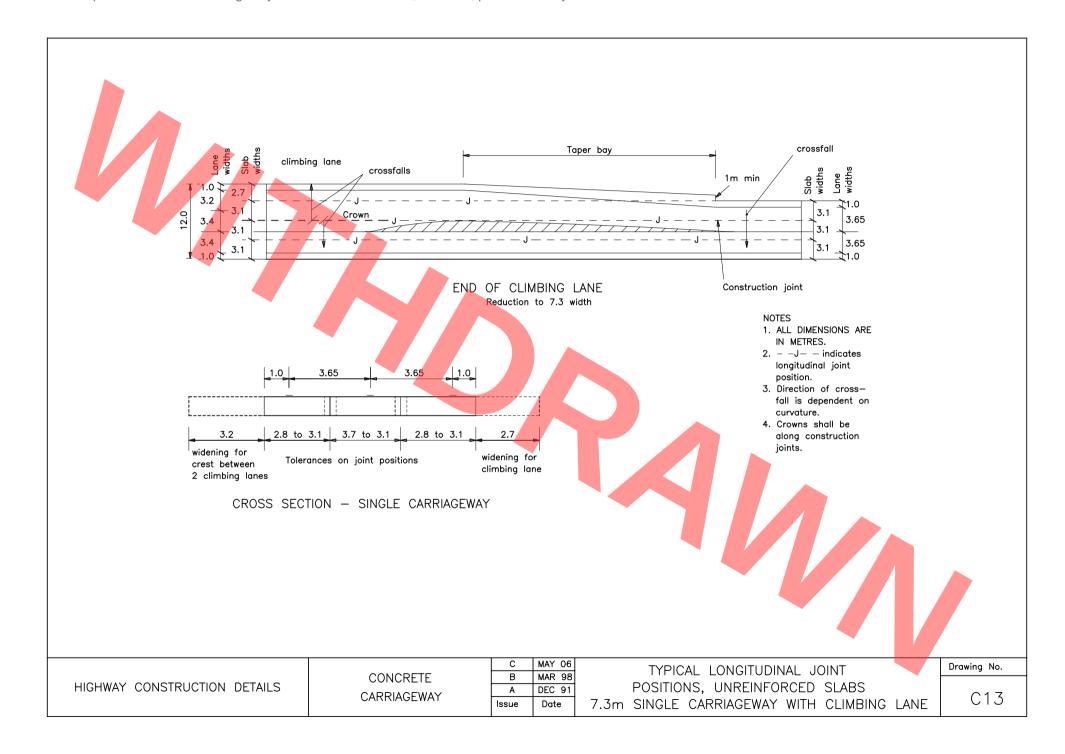
HIGHWAY CONSTRUCTION DETAILS

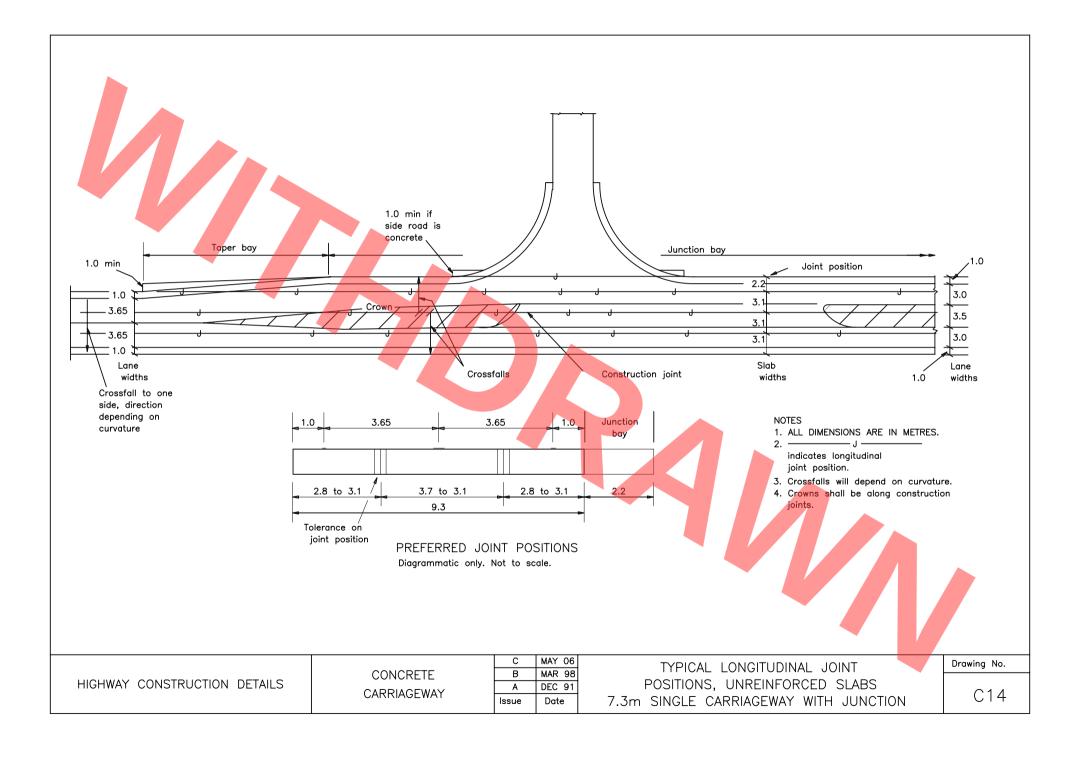
CONCRETE CARRIAGEWAY A DEC 91 Issue Date PERMITTED ALTERNATIVE LONGITUDINAL JOINT POSITIONS & TOLERANCES

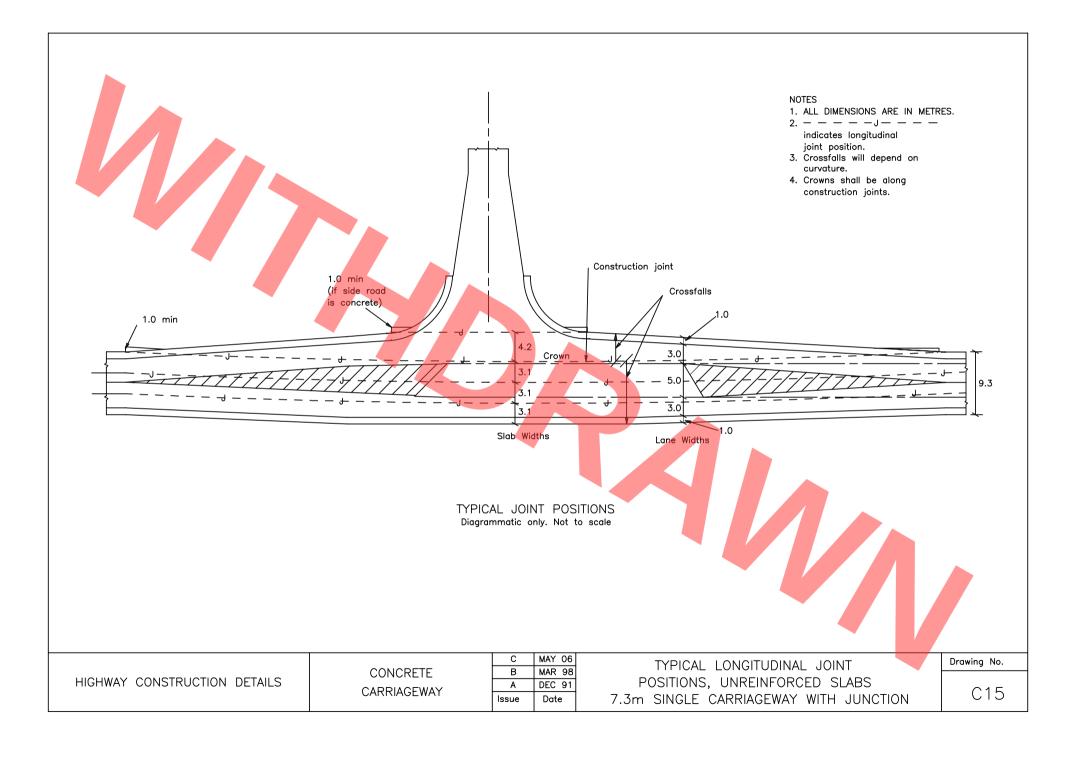
Drawing No.

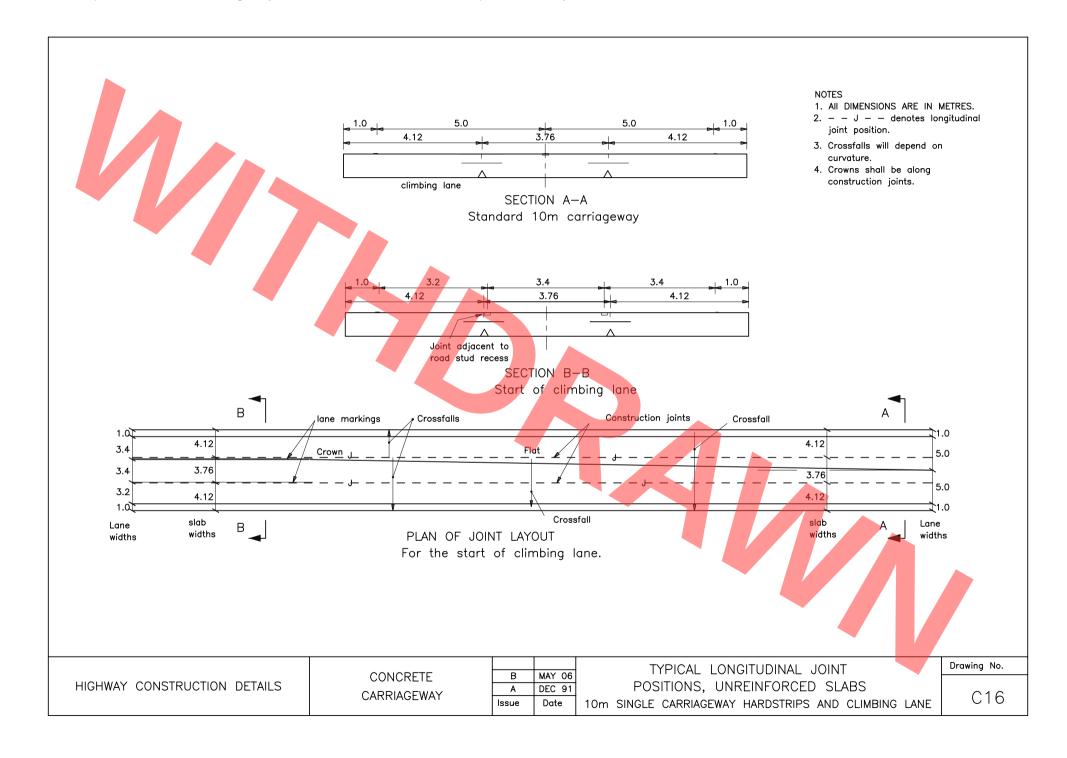
C11

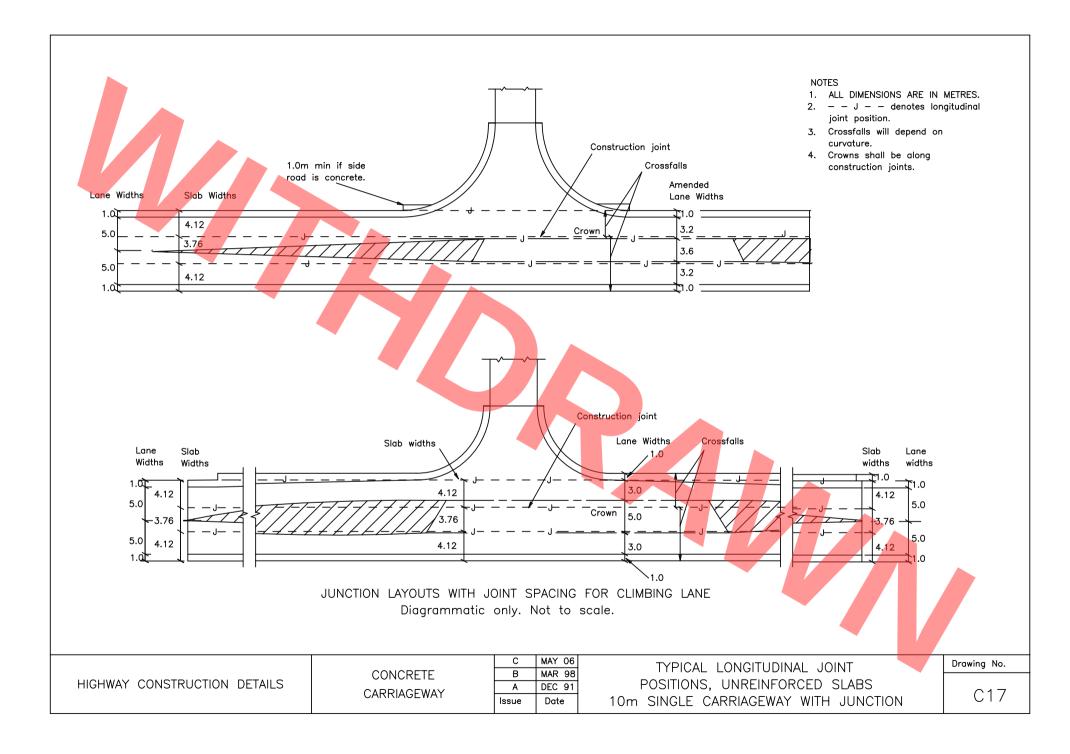


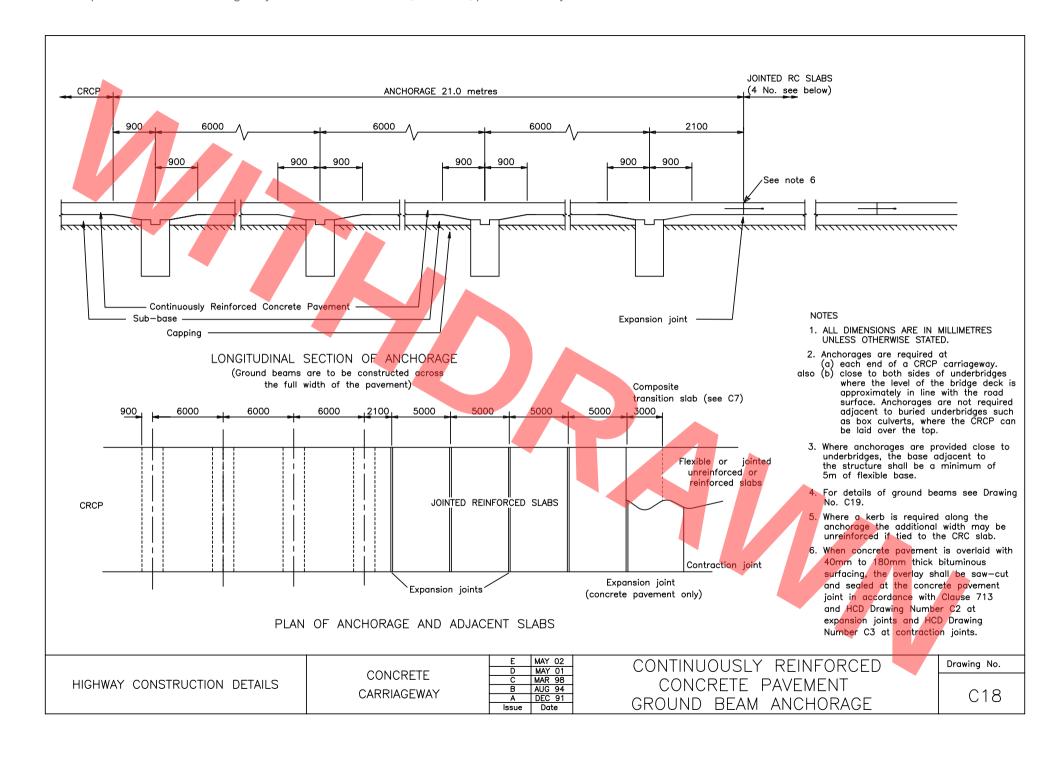


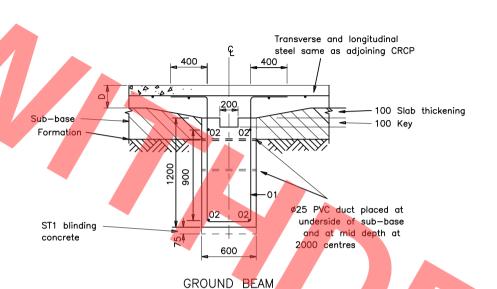












(4 No. in anchorage)

### NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
- Concrete in ground beams to be strength class C25/30 cast in trench below formation level or sub-base surface.
- 3. Reinforcement shall conform to Clause 1008.
- 4. Beam reinforcement cover to be  $60 \pm 10$ .

## BAR SCHEDULE FOR REINFORCEMENT

MEMBER	BAR Mk	TYPE & SIZE	No.OF Mbrs	No.IN EACH	TOTAL No.	LENGTH OF EACH #	SHAPE CODE	A*	в*	C*	D*	E*
BEAMS	01	H16	4	**	**	3900	44	400	1375	480	1375	-
BEAMS	02	H16	4	4	16	**	00	**	_	_	_	_

- \*\* Varies with width of anchorage
- Specified to nearest 5mm
- # Specified to nearest 25mm

CONCRETE
CARRIAGEWAY

С	MAY	06		
В	FEB	04		
Α	DEC	91		
Issue	Date			

CONTINUOUSLY REINFORCED

CONCRETE PAVEMENT

GROUND BEAM ANCHORAGE DETAILS

Drawing No.

C19

