DETAILS OF CONTRACTION JOINT IN CONCRETE CARRIAGeway

Sealing groove and approved joint sealant (See details A or B in Drg. No. H1109)

Reinforcement (where specified)

Moder steel dowel bars, saw cut at both ends, at mid-depth and at 300mm centres

Cradle bent 5mm dia. at 300mm centres

6mm Dia. tie bars

Mortar bed (1 part cement to 3 parts sand) over full width

Preformed PVC tie fitting dowel sleeve

0.125 mm polythene sheeting

Dowel bars

Slob thickness (mm)

Dowel bars Dia.(mm) length(mm)

Sleeve Diameter(mm)

150 ~ 220 20 650 400
25 650 400

\* Dowel bars are not recommended for slabs thinner than 150mm

DIMENSIONS OF MILD STEEL DOWEL BARS

† Former Drg. No. H1003/1 with general revision

June 94

A

Tolerance to dowel length revised Sept 96

HIGHWAYS DEPARTMENT

REFERENCE DRAWING No.

SCALE Diagrammatic

H 1106A