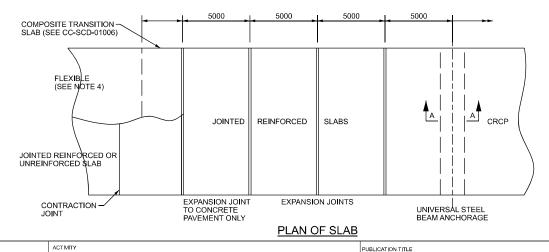


## DETAIL AT TOP OF FLANGE BEAM

- EVA FOAM DEBONDING STRIP



CRCP SLAB DEPTH D	MIN SLEEPER BEAM DEPTH d	BS4 UNIVERSAL BEAM SIZE
200 210 220 230	210 200 190 180	305x127x48
240 250	220 210	356x171x67

- 1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
- 2. THIS TYPE OF ANCHORAGE IS AN ALTERNATIVE TO THE GROUND BEAM ANCHORAGE (SEE CC-SCD-01025 AND CC-SCD-01026) FOR CRCP SURFACE SLABS ONLY.
- 3. MINIMUM COVER TO SLEEPER BEAM REINFORCEMENT TO BE 50.
- 4. ANCHORAGES ARE REQUIRED AT.
  (a) EACH END OF A CRCP CARRIAGEWAY.
- (b) CLOSE TO BOTH SIDES OF UNDERBRIDGES WHERE THE LEVEL OF THE BRIDGE DECK IS APPROXIMATELY IN LINE WITH THE ROAD SURFACE. ANCHORAGES ARE NOT REQUIRED ADJACENT TO BURIED UNDERBRIDGES SUCH AS BOX CULVERTS, WHERE THE CRCP CAN BE LAID OVER THE TOP
- 5. WHERE ANCHORAGES ARE PROVIDED CLOSE TO UNDERBRIDGES, THE BASE ADJACENT TO THE STRUCTURE SHALL BE A MINIMUM OF 5M OF FLEXIBLE BASE
- 6. REINFORCEMENT SHALL CONFORM TO CC-SPW-01000.



Construction &

STANDARD CONSTRUCTION DETAILS (SCD)

**EXPANSION JOINT** 

MATERIAL 30mm THICK

CONCRETE CARRIAGEWAY CONTINUOUSLY REINFORCED CONCRETE PAVEMENT SURFACE SLABS UNIVERSAL STEEL BEAM ANCHORAGE

HISTORICAL REFERENCE DOCUMENTATION SET

RCD/1000/27 **STANDARD** 

PUBLICATION DATE DECEMBER 2010

**ACTIVITY** STREAM CC SCD

PUBLICATION NUMBER

DRAWING NUMBER 01027