SECTION A-A

Dowel cap shall be placed on free end of dowel bar, See Dowel Cap Detail Note 2

Stake position at slight angle away from direction of paving – Note 1
See OPSD 552.050 for Stake Detail

NOTES:

1. A minimum of 3 stakes shall be uniformly spaced per side per lane.
2. The compressible cap material shall be a non-absorptive, closed cell polyethylene foam.
3. The expansion joint material shall be machined punched with 35mm diameter holes to accommodate the dowels.
4. Expansion joint material to extend for the full width of the concrete slab.
5. Expansion joint material holder may be continuous or broken as shown.
6. Arc or resistance spot weld, alternate ends of adjacent dowels only, top or bottom of dowel bar.

DOWEL CAP DETAIL

A. At bridge approaches the skew of the device shall match the approach slab skew.
B. Load transfer device shall be shop coated with RC-250, Tectyl 506, or Protec 6116-DS Amber.
C. Load transfer devices not required in shoulders or gore areas, however, expansion joint material shall extend through the shoulder, gore areas, and curb and gutter to edge of concrete slab.
D. All dimensions are in millimetres unless otherwise shown.