NOTES

1. All edges of the approach slab shall have 1/2" (in) radii except at longitudinal construction joints and adjacent to L-Type abutments.

2. Longitudinal joints shall be placed on lane lines and shall be constructed and sealed in accordance with Standard Specification Section 5-05.3(B). Joints may be either a sawcut crack control joint or a construction joint. Sawcut joints shall terminate 1' - 0" before reaching edge of slab and must be sawcut as soon as possible after placement of concrete.

   (A) Approach slabs less than 40" (ft) wide — no joint is required.

   (B) Approach slabs wider than 40" (ft) — one or more joints are required to divide the slab into approximately 24" (ft) wide sections.

3. The minimum lap splice of #5 is 2' - 0", #6 is 2' - 6", #8 is 3' - 0", and #10 is 3' - 3". All lap splices shall be staggered so that no more than 50% of rebar is spliced at the same location. Lap splices shall be located within the middle half of the bridge approach slab. Optional splices are allowed for #8 and #10.

LONGITUDINAL SECTION

BENDING DIAGRAM

VARIES

AP2

AP7

AP4

AP4

VARY

TOP OF ABUTMENT

(ALL DIMENSIONS ARE OUT TO OUT)

= EPOXY COATED REINFORCING STEEL

AP4

#5 BARS SHALL BE PLACED WITH THE AP4 V #5 BARS ALONG EACH EDGE OF BRIDGE APPROACH SLAB HAVING A TRAFFIC BARRIER

SLEEVE WITH POLYSTYRENE OR PVC PIPE

TOP OF RCCP ROADWAY

Dowel @ 1' - 0" O.C.

TOP OF HMA ROADWAY

HMA ROADWAY JOINT DETAIL

LONGITUDINAL CRACK CONTROL JOINT

(SEE NOTE 2)

2' 0" MIN TO 5' 0" MAX

Sawcut Joint

AP4

AP4

AP4

AP4

NEXT PLACEMENT

PRECEDING PLACEMENT

1 1/2" CLR. (TYP.)

1/8" (IN) R.

(SEE NOTE 1)

EDGE PRECEDING PLACEMENT ONLY WITH 1/8" (IN) RADIUS

ALTERNATE LONGITUDINAL JOINT DETAIL

(SEE NOTE 2)

STANDARD PLAN A-40.50-02

FOR LOCAL AGENCY USE ONLY
NOTE

THE METAL COMPONENTS OF THE APPROACH EXPANSION ANCHOR SHALL EITHER BE PAINTED WITH ONE COAT OF INORGANIC ZINC PAINT CONFORMING TO STANDARD SPECIFICATION SECTION I-98.1(2F) OR BE GALVANIZED IN ACCORDANCE WITH AASHTO M 232.

L - TYPE ABUTMENT PINNED ANCHOR DETAIL