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 6-05.3(8). 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 3' - 0" and #8 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 #6.

BEND DIAGRAM

EPOXY COATED REINFORCING STEEL

ALL DIMENSIONS ARE OUT TO OUT

STATE DESIGN ENGINEER
Washington State Department of Transportation
NOTE

THE METAL COMPONENTS OF THE APPROACH EXPANSION ANCHOR SHALL EITHER BE PAINTED WITH ONE COAT OF INORGANIC 2ND PAINT CONFORMING TO STANDARD SPECIFICATION SECTION 9-08.1(2)F OR BE GALVANIZED IN ACCORDANCE WITH AASHTO M 232.

EXPANSION JOINT (SEE PLANS) - FOR LOCAL AGENCY USE ONLY

1/4" (IN) X 2 1/2" (IN) SQUARE PLATE WITH 2 NUTS

3/4" (IN) DIAM. X 10" (IN) ANCHOR ROD FULLY THREADED OR THREADED TO 3" (IN) MIN. EACH END

3/4" (IN) DIAM. STOP TYPE COUPLER W MIN. TENSILE STRENGTH OF 20,000 LBS

EXPANDED POLYSTYRENE FULL LENGTH OF JOINT BENEATH COMPRESSION SEAL

EXHAUSTIVE AND ACCURATE DETAILS ARE CABINETS, ARENA, AND WITH THE PHYSICAL AND VISUAL QUALITIES OF THE STRUCTURE. THE PRIOR TO SLAB CONSTRUCTION USE 3/8" (IN) EDGER FOR ELASTOMETRIC COMPRESSION SEAL - SEE "COMPRESSION SEAL TABLE" @ RIGHT TOP OF SLAB OR FACE OF CURB.

1 5/8" (IN) INSTALLATION WIDTH FOR 2 1/2" (IN) COMPRESSION SEAL SIZE

FULLY COMPRESSED SEAL HEIGHT - SEAL HEIGHT VARIES WITH MANUFACTURER - VERIFY PRIOR TO SLAB CONSTRUCTION

EXPANDED POLYSTYRENE (OMIT IN BARRIER)

COMPRESSION SEAL DETAIL

SUPERSTRUCTURE

ABUTMENT

LONGITUDINAL SECTION

SEMI-INTEGRAL TYPE ABUTMENT

BRIDGE APPROACH SLAB

SEEN APPROACH EXPANSION ANCHOR DETAILS

SEEN COMPRESSION SEAL DETAIL

SEEN ANCHOR HEAD DETAIL

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