Bridge Approach Slab Details 1 of 3

Approach Slab Width

Bridge Skew Angle

25'-0" (TYP.)

Back of Pavement Seat

Bridge Approach Slab Details 2 of 3

See "PCCP Roadway Dowel Bar Detail" on Bridge Approach Slab Details 2 of 3.

NOTE:
- Designer to consult with Bridge Design Engineer for skews greater than 30 degrees.
- Designer to remove call outs that are not applicable in note 3.

NOTE:
- AP8 bars are only applicable in Abutments or approach retrofits. Remove when not used.
- AP9 bars are only applicable in Abutments or approach retrofits. Remove when not used.

NOTE:
- All edges of Bridge Approach Slab shall have ½" radius except at longitudinal joints and adjacent to U-type abutments.

1. Bridge Approach Slab less than 40' wide - no joint required.
2. Bridge Approach Slab wider than 40' - one or more joints are required to divide the slab into approximately 24' wide sections.
3. The minimum lap splice of #5 is 2'-0", #6 is 2'-6", #7 is 3'-0", and #8 is 3'-3". All lap splices shall be staggered so that no more than 50% of rebars 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 #7 and #8.
4. For Traffic Barrier Details, including any Bridge Approach Slab Blockout Information, see Traffic Barrier Sheets.

NOTE:
- (A) Bridge approach slabs less than 40' wide - no joint required.
- (B) Bridge approach slabs wider than 40' - one or more joints are required to divide the slab into approximately 24' wide sections.

NOTE:
- Designer to remove AP8, AS1, and AS2 bars when there is no traffic barrier. For 42" barriers designed for 24k impact load (TL-5 Loading) designer shall compute additional reinforcement required.

NOTE:
- All dimensional details are out to out.

NOTE:
- Longitudinal joints shall be placed on lane lines and shall be constructed and sealed in accordance with STD. SPEC. SECTION 5-05.2. 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 saw cut as soon as possible after placement of concrete. See "Longitudinal Joint Details" on Bridge Approach Slab Details 2 of 3.

NOTE:
- Bridge Approach Slab Details 3 of 3 for Bridge Approach Expansion Anchor and Compression Seal Details.

NOTE:
- Epoxy coated reinforcing steel. Note: All dimensions are out to out.

NOTE:
- (TYP.)

NOTE:
- Compacted depth of 0.2' or match depth of roadway section.