General Notes:

All concrete for the bridge approach slab and sleeper slab shall be in accordance with Sec 303 (f'c = 4,000 psi).

The reinforcing steel in the bridge approach slab and the sleeper slab shall be epoxy coated Grade 60 with f_y = 60,000 psi.

Drain pipe may be either 6" diameter corrugated metallic coated pipe or 4" diameter corrugated polyvinyl chloride (PVC) drain pipe, or 4" diameter corrugated polyethylene (PE) drain pipe.

Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

The reinforcing steel in the bridge approach slab and the sleeper slab shall be continuous. The transverse reinforcing steel may be made continuous by providing a minimum lap length of 25 inches for #6 bars, or by mechanical bar splice.

Mechanical bar splices shall be in accordance with Sec 710.

All joint filler shall be in accordance with Sec 1057 for performed fiber expansion joint filler except as noted.

For concrete approach pavement details, see roadway plans.

See Missouri Standard Plan 820.29 for details of Type A Curb.

Payment for furnishing all materials, labor and equipment necessary to construct the approach slab, including the timber header, sleeper slab, underdrain, Type 5 aggregate base, joint filler and all other work, details, and specifications, complete in place, shall be considered completely covered by the contract unit price for Bridge Approach Slab (Major) per square yard.

Joint shall be between the roller face of approach slab and sleeper slab and shall be aligned with the crown of the roadway.

All joint filler shall be in accordance with Sec 1057 for performed fiber expansion joint filler except as noted.

The contractor shall provide and satisfactorily finish the bridge slab before placing the bridge approach slab.

Longitudinal construction joints in approach slab and sleeper slab shall be aligned with longitudinal construction joints in the roadway.

For concrete approach pavement details, see roadway plans.

All concrete for the bridge approach slab and sleeper slab shall be in accordance with Sec 503 (f'c = 4,000 psi).

Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

The reinforcing steel in the bridge approach slab and the sleeper slab shall be continuous. The transverse reinforcing steel may be made continuous by providing a minimum lap length of 25 inches for #6 bars, or by mechanical bar splice.

Mechanical bar splices shall be in accordance with Sec 710.

All joint filler shall be in accordance with Sec 1057 for performed fiber expansion joint filler except as noted.

For concrete approach pavement details, see roadway plans.

See Missouri Standard Plan 820.29 for details of Type A Curb.

Payment for furnishing all materials, labor and equipment necessary to construct the approach slab, including the timber header, sleeper slab, underdrain, Type 5 aggregate base, joint filler and all other work, details, and specifications, complete in place, shall be considered completely covered by the contract unit price for Bridge Approach Slab (Major) per square yard.

Joint shall be between the roller face of approach slab and sleeper slab and shall be aligned with the crown of the roadway.

All joint filler shall be in accordance with Sec 1057 for performed fiber expansion joint filler except as noted.

The contractor shall provide and satisfactorily finish the bridge slab before placing the bridge approach slab.

Longitudinal construction joints in approach slab and sleeper slab shall be aligned with longitudinal construction joints in the roadway.

For concrete approach pavement details, see roadway plans.
Standard Drawing Guidance (do not show on plans):

See Structural Project Manager or Liaison for preference on revising details as follows to specify staged construction:

1. Show & call out any required staged construction joints.
2. Show any required construction joints and show and call out any mechanical bar splices.
3. When mechanical bar splices are required due to staged construction, add the following after the indicated note:
   \[ \text{Estimated } ____ \text{ splices per slab} \]
   Input the estimated number of required mechanical bar splices including those in the sleeper slab.
4. If the end of a wing wall extends beyond the end of the bridge approach slab, it will be necessary to revise the length of the sleeper slab shown and to redirect the perforated drain pipe adjacent to the sleeper slab to go under the sleeper slab and then turn to daylight. This should be nonperforated drain pipe at this point.
5. See Notes K1.11 and K1.12 in EPG 751.50 for wording of notes when semi-deep abutments are used.

ALTERNATE DETAILS FOR TYPE B BARRIER (SBC)