

APP07_minor Guidance and Alternate Details

Standard Drawing Guidance
(do not show on plans):

Asphalt approach slab should not be used for rehabilitation projects unless a vertical drain system is installed or is in place at end bent fill face.

Roadway drainage should be addressed by the core team & the consensus decision noted on the Bridge Memorandum. For roadway drainage options for Bridge Approach Slab (Minor), see EPG 503 Bridge Approach Slab.

See 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 note:
(Estimated ___ splices per slab)

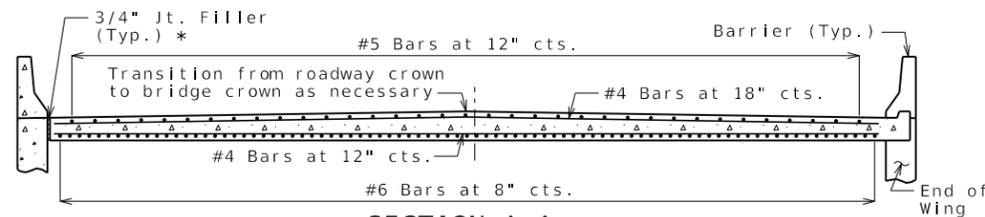
Input estimated number of required mechanical bar splices.

④ See Notes K1.11 & K1.12 in EPG 751.50 for wording of notes when semi-deep abutments are used.

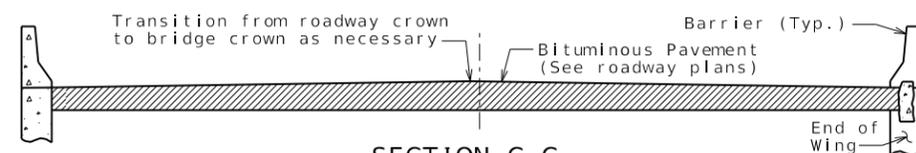
⑤ If the end of a wing wall extends beyond the end of the bridge approach slab, it will be necessary to redirect the perforated drain pipe at the end of the bridge approach slab to turn to daylight. This should be nonperforated drain pipe at this point.

If either slab option is not required, either delete or cross out the option not used and delete or modify the first general note.

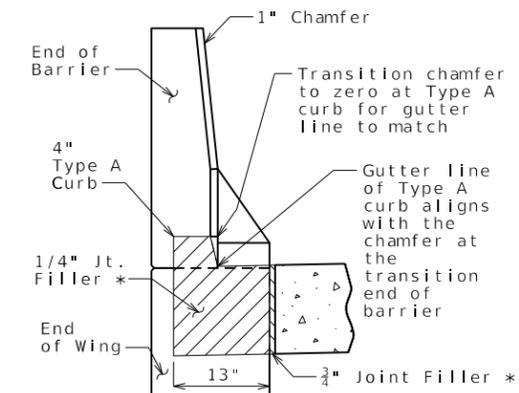
All wing lengths should have the curbs extended beyond their ends as shown to assist with directing bridge end drainage away from bridge ends. The standard drawing will work for most bridges with average wing lengths. For long wings, adjustments to the length of curbs may be necessary when the length of wings would prevent extending a full 5'-6" of curb length from the end of the wing to the end of the bridge approach slab. It may be necessary to extend the curb beyond the end of the bridge approach slab integral with concrete pavement or adjacent to asphalt pavement. Work any adjustments to the curb lengths with the details as shown on Standard Plan 609.40 & modify those details as necessary by either a note or detail.



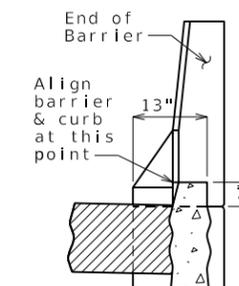
SECTION A-A
CONCRETE OPTION



SECTION C-C
ASPHALT OPTION



SECTION BETWEEN
BARRIER AND CURB
CONCRETE OPTION



4" TYPE S CURB
ASPHALT OPTION

ALTERNATE DETAILS FOR TYPE B BARRIER (SBC)