

Date: October 15, 1993
To: Staff Bridge Unit Leaders

From: A. J. Siccardi
Subject: Staff Bridge Worksheets

Updates for your book of worksheets are attached:

B-000-0: Revised notes regarding backfill, concrete coating, utilities, AASHTO edition, and future HBP. Deleted note regarding zinc metalizing which is covered by the standard specifications. Added caisson concrete to design data.

B-206-1 & 2: The project special provision for flowfill has been replaced by a new standard special provision. Added notes to the worksheets regarding the underdrain, geocomposite, and drain outlet which are not covered by the standard special provision. Added "location" columns to the quantities table.

B-512-3A: In the footnote for the grout pad, removed the requirement for cementitious grout only, and added requirements for non-shrink and approved grout.

B-518-1: Added "G" (grind flush) to the edge beam to angle weld symbol.

B-601-4C: Removed centerline and made minor change to rebar detail in "Section At Pier".

B-618-BT42: New worksheet. Colorado 42" deep bulb-tee precast girder.

B-618-BT72: New worksheet. Colorado 72" deep bulb-tee precast girder.

Proposed revisions to worksheets, for your information and comment:

B-606-4 & 4A: Increase the amount of longitudinal reinforcing steel in Bridge Rail Type 4 to improve crack control.

B-618-2 & 5: Replace formed shear keys at construction joints in cast-in-place girders with a 0.25" roughened surface clean and free of laitance. This change is proposed to improve constructability and the quality of the joint surface.

B-618-54 & 68: Delete concrete diaphragms, and stress relieved strand alternative. Replace 7/8" threaded rods with 1.0". Several minor changes to the notes for consistency with the bulb-tee worksheets.

B-618-72: Delete this worksheet. The G-72 girder will be replaced by the more economical BT-72 girder.

B-618-BX: Delete the stress relieved strand alternative. Several minor changes to the notes for consistency with the other precast girder worksheets.

B-618-DF: Revise as shown to make this the specified diaphragm for G-girders instead of an alternative diaphragm.

Please share this information with the members of your unit. Contact Mark Leonard if you or any member of your unit has any question or comments.

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