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**BRIDGE BULLETIN 2009-4**  
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To: All Bridge Designers

From: Jean A. Nehme, Ph.D., P.E.  
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Subject: Structure Detail Drawing SD 3.02 and SD 3.03

Web Site: [http://www.azdot.gov/Highways/bridge/DetailDwg/Deck\\_Joints.asp](http://www.azdot.gov/Highways/bridge/DetailDwg/Deck_Joints.asp)

Please note that the following Deck Joint Assembly Strip Seal sheet has been updated and a new Deck Joint Assembly Raised Strip Seal sheet has been created:

1. SD 3.02; the following modifications were made:
  - a. General Update: Changes to details, notes and revised title block.
  
2. SD 3.03; the new drawing includes the following:
  - a. General Description: Details show a strip seal joint (no top flange) within a raised concrete encasement area.
  - b. Use: This detail is for use only on new bridges constructed with a deck overlay. The bridge plans shall show dimensions of the planned deck overlay thickness and the width of the deck joint concrete encasement areas. This detail shall not be used for new bridges designed for a future deck overlay (wearing surface); for those bridges, SD 3.01 or SD 3.02 should be used because the joints (with top flanges) can be modified to match a future overlay.
  - c. Raised Concrete Area: The joint concrete encasement area is raised to match the planned deck overlay thickness. The width of the raised concrete area is equal to the width of the joint block-out closure pour (usually 1'-0 each side of joint).