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BRIDGE BULLETIN 2012-1
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To: All Bridge Designers

From: Jean A. Nehme, Ph.D., P.E.
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Subject: Reinforced Concrete Box Culverts
Structure Detail Drawing SD 6.01 (1 to 5), SD 6.02 (1 to 2), SD 6.03 (1 to 2), SD 6.04 (1 to 2), SD 6.05 (1 to 2), SD 6.06 (1 to 2), SD 6.07, SD 6.08 (1 to 8), SD 6.09 (1 to 3), SD 6.10 (1 to 2), and SD 6.11 (1 to 4).

Web Site: <http://www.azdot.gov/Highways/bridge/DetailDwg/Drainage.asp>

New structure detail drawings for Reinforced Concrete Box Culverts, SD 6.01 to SD 6.11, have been added to the Bridge Group web site under the Drainage Structures section. All new projects shall now use these new drawings in lieu of the previously used 1992 B-Standard drawings B-01.10 to B-08.20 and B-19.50.

The reinforced concrete box culverts are designed in accordance with AASHTO LRFD Bridge Design Specifications. The new drawings include details for single barrel to six barrel box culverts, culvert extensions, structural excavation & structure backfill, equipment pass, headwalls and aprons. The pay items remain the same as previously used with the B-Standards.