

BRIDGE BULLETIN 2015-1

Issue Date: 1-26-2015

To: All Bridge Designers

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Subject: Structure Detail Drawings 7.01 (1 to 5)

Web Site: <http://www.azdot.gov/business/engineering-and-construction/bridge/structure-detail-drawings/sd-7-retaining-walls>

Please note that the following Structure Retaining Wall (Reinforced Concrete Cantilever) sheets have been updated:

1. SD 7.01 (1 of 5): the following modifications were made:
 - a. Revised Detail: Wall Layout Line is added instead of Control Line.
 - b. Revised Detail: Minimum Depth of footing is changed to 6' – 0 in place of 3' – 0 where Elevation is greater than 5000 Ft.
 - c. Revised General Note: Existing ground angle of internal friction is changed to 31° in place of 30°.
 - d. Revised General Note: Minimum compaction of structure backfill is changed to 100 percent in place of 95 percent.
 - e. Revised General Note: Pay item is measured as square foot of wall.

2. SD 7.01 (2 to 5): the following modifications were made:
 - a. Added Values: Service and Strength Limit State Values of Vertical Bearing Stress and Effective Footing Width.
 - b. Added Notes: Service and Strength Limit State Notes of Vertical Bearing Stress and Effective Footing Width.
 - c. Revised Bar: Length of Y bar and T bar.
 - d. Revised Quantity: Quantity of Steel Bar.