



Arizona Department of Transportation
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To: All Bridge Designers

From: Jean A. Nehme, Ph.D., P.E.
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Subject: ADOT Bridge Design Guidelines – Section 14 – Joints and Bearings

Web Site: <http://www.azdot.gov/Highways/bridge/Guidelines/DesignGuidelines/PDF/Section14-JointsAndBearings.pdf>

Please note that subsection 14.4 Movements and Loads, Paragraph 14.4.2 Design Requirements has been updated as follows:

- a. Most values within the Temperature Movement table which replaces AASHTO LRFD Table 3.12.2.1-1 for Procedure A have been revised.
- b. A coefficient of thermal expansion for steel has been added.
- c. The anticipated long-term shortening for precast prestressed concrete members has been reduced from 0.50 inches per 100 feet to 0.25 inches per 100 feet.
- d. The anticipated long-term shortening for cast-in-place post-tensioned concrete box girder bridges has been reduced from 0.63 inches per 100 feet to 0.50 inches per 100 feet.