



MARICOPA COUNTY
Department of Transportation

MEMORANDUM

Date: January 6, 2009 (Revised 2/4/2009)

To: MAG Specifications and Details Committee

From: Robert Herz, MCDOT Representative

Subject: Modification to Section 340.2.1 Detectable Warnings Case 09- 01

PURPOSE: Update requirements to conform with current ADA requirements.

REVISION:

340.2.1 Detectable Warnings Detectable warnings shall consist of raised truncated domes aligned in a square grid pattern in conformity to the Americans with Disabilities Accessibility Guidelines. Truncated domes shall have the following nominal dimensions: base diameter of 1.0 inches (0.9 inches minimum), top diameter of 50 percent of the base diameter minimum to 65 percent of the base diameter maximum, and height of 0.2 inches. Dome center-to-center spacing of 2.35 inches, measured between the most adjacent domes on the square grid. Dome center-to-center spacing for radial installations shall be 1.6 inches minimum and 2.4 inches maximum with a base-to-base spacing of 0.65 inches minimum. Detectable warnings shall contrast visually with adjoining surfaces. Visual contrast shall be obtained by color, use safety yellow or other approved color. The color shall be an integral part of the material surface. The material is to be durable with a non-slip surface not subject to spalling, chipping, delamination, or separation. All detectable warnings shall be approved by the jurisdictional agency prior to installation.

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