



MARICOPA COUNTY
Department of Transportation

MEMORANDUM

Date: Jan 5, 2011

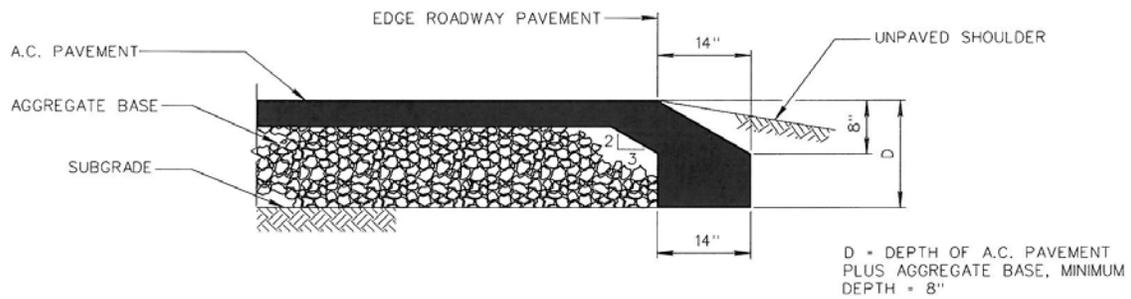
To: MAG Specifications and Details Committee

From: Robert Herz, MCDOT Representative

Subject: Proposed addition to Standard Detail 201 – Pavement Section at Termination **Case 11-02**
Section at Termination

PURPOSE: Add an Asphalt Pavement Safety Edge option to Detail 201

REVISION: Add Asphalt Pavement Safety Edge Detail.



Add the following to Section 321:

321.8.8 Safety Edge: Prior to commencing paving operations that require construction of a safety edge, the Contractor shall submit for the Engineer's approval construction procedures to be used for placement and compaction of the safety edge.

The finished safety edge slope shall be planar and form a $30^\circ \pm 5^\circ$ angle with the horizontal plane. Due to the required final edge slope of the safety edge, compaction as required by sections 321.8.4 and 321.10 may not be attainable. When the approved procedures for placement and compaction of the safety edge are followed, the safety edge compaction shall be considered acceptable.

When the depth of the safety edge extends two inches or more below the bottom of the asphalt pavement base course, the portion below the base course shall be placed and compacted as a separate construction operation. The remaining portions of the safety edge shall be constructed as part of each successive asphalt lift (base, intermediate, and finishing courses). Construction of the base course may immediately follow compaction of the lower portion of the safety edge.

When the depth of the safety edge extends less than two inches below the bottom of the asphalt pavement base course, the portion below the base course may be placed and compacted with the base course in a single operation. The remaining portions of the safety edge shall be constructed as part of each successive asphalt lift (intermediate and finishing courses).