



MARICOPA COUNTY
Department of Transportation

MEMORANDUM

Date: January 28, 2015

Revised 3/26/2015

To: MAG Specifications and Details Committee

From: Robert Herz, MCDOT Representative

Subject: Proposed Revision to Section 601.4.5 Final Backfill

Case 15-03

PURPOSE: Revise trench final backfill placement requirement from 2 feet to layers not exceeding eight-twelve inches in depth except compaction wheels may continue to use the 2' non-compacted layer depth. for pneumatic or mechanical tamping devices.

REVISIONS:

601.4.5 Final Backfill: Material placed above the initial backfill to the top of the trench or to the bottom of the road base material. Except when using an excavator or backhoe mounted footed compaction wheel the Ffinal backfill shall be placed in horizontal layers not more than twelve inches in depth before compaction. When using an excavator or backhoe mounted footed compaction wheel the loose non-compacted lift depth lifts that shall not exceed 2 feet. and †The non-compacted lift height shall not be more than can be compacted to the required density with the equipment and methods being used.

Final backfill shall be ABC per Section 702 or sound earthen material with no piece larger than 4 inches and be free from broken concrete, broken pavement, wood or other deleterious material.

Backfill under street pavement shall be constructed per Detail 200-1 with the type of trench and surface replacement as noted on the plans or in the special provisions. Unless otherwise noted, backfill under single curb, curb and gutter, attached sidewalk, driveways, valley gutters, etc. shall be the same as the adjacent street pavement.