



ATTENTION: TP&D, DESIGN, AND CONSTRUCTION ENGINEERS  
**MEMORANDUM**

**SPECIAL PROVISION AND/OR SPECIFICATION CHANGE MEMORANDUM 48-09**

**TO:** District Engineers **Date:** September 29, 2009  
**FROM:** Thomas R. Bohuslav, P.E. *TRB*  
**SUBJECT:** Statewide Special Provision 341---024 (04), "Dense Graded Hot-Mix Asphalt (QCQA)"

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The above-referenced special provision has been approved for statewide use. The use of this special provision is required for all projects using Item 341, "Dense Graded Hot-Mix Asphalt (QCQA)," beginning with the December 2009 letting. This special provision incorporates Special Provision 341---020 and Special Provision 341---022.

This special provision accomplishes the following:

- allows the use of substitute binders, recycled asphalt shingles (RAS), recycled asphalt pavement (RAP), Warm Mix Asphalt (WMA), Superpave Gyratory Compactor (SGC), and the Pave-IR system (paver mounted infrared bar),
- limits the amount of recycled binder,
- modifies the aggregate gradation bands (primarily Type F),
- increases the target lab molded density to 96.5% when using a Texas Gyratory Compactor (TGC) and decreases the Ndes level to 50 gyrations when using the Superpave Gyratory Compactor (SGC), and
- allows the engineer the option to retain and trim roadway cores.

These changes are intended to improve the quality and reduce the cost of Hot-Mix Asphalt (HMA). In an effort to educate personnel on all the changes, a series of webinars and on-site HMA seminars will be offered beginning in December 2009.

In order to recognize the full benefits of this special provision, districts are encouraged to avoid using restrictive plan notes that override the provisions offered in this document.

Please disseminate this information to your Transportation Planning & Development, Design, and Construction Engineers.

cc: TxDOT Specification Committee  
Ms. Janice Brown, FHWA