

TECHNICAL REPORT TITLE PAGE

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Superpave Mix Designs for
Low Volume Roads

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5. AUTHOR(S)

Edward Engle, P.E.,
Secondary Road Research Coordinator

6. PERFORMING ORGANIZATION ADDRESS

Iowa Department of Transportation
Materials Department
800 Lincoln Way
Ames, Iowa 50010

7. ACKNOWLEDGMENT OF COOPERATING ORGANIZATIONS

Scott County Engineer
Dubuque County Engineer
Cerro Gordo County Engineer
Louisa County Engineer
Cass County Engineer
Mahaska County Engineer

8. ABSTRACT

Most research current to the time of these projects was focused on use of Superpave mix designs on higher volume roads. Low volume roads have different requirements in terms of mix design, aggregate types, aggregate sources and project budgets. The purpose of this research was to determine if the Superpave mix design strategy for low volume roads was practical and economical.

Eight projects were selected in five counties. The projects were completed in the summer of 1998. Performance evaluation of the resulting pavements was carried out annually.

There was no significant increase in costs related to the use of Superpave. Nor were there any significant construction issues. There were some differences noted in placement and compaction in the field, but these were not serious.

9. KEY WORDS

Asphalt Cement Concrete (ACC),
Hot Mix Asphalt (HMA),
Low Volume Roads,
Superpave,
Gyratory Mix Design,
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