

## TECHNICAL REPORT TITLE PAGE

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**2. REPORT DATE**

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**3. TITLE AND SUBTITLE**

Pre-Treatment for Reduction  
of Asphalt Absorption in Porous Aggregate

**4. TYPE OF REPORT & PERIOD COVERED**

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**7. ACKNOWLEDGMENT OF COOPERATING ORGANIZATIONS/INDIVIDUALS**

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**8. ABSTRACT**

The objective of this research was to evaluate the performance of the product Ultracote<sup>®</sup> (a polymer based additive produced by Ultrapave, a division of Goodyear) as an aggregate pre-treatment for the reduction of asphalt binder absorption in hot mix asphalt (HMA). The product was tested with a paving project in Louisa county, Iowa with aggregate that had historically shown very high asphalt binder absorption.

Results of the testing did not provide any evidence of reduction in binder absorption.

**9. KEY WORDS**

HMA  
Asphalt Binder  
Absorption

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23