

UTRC-REGION II NEWSWIRE

UTRC Press Release

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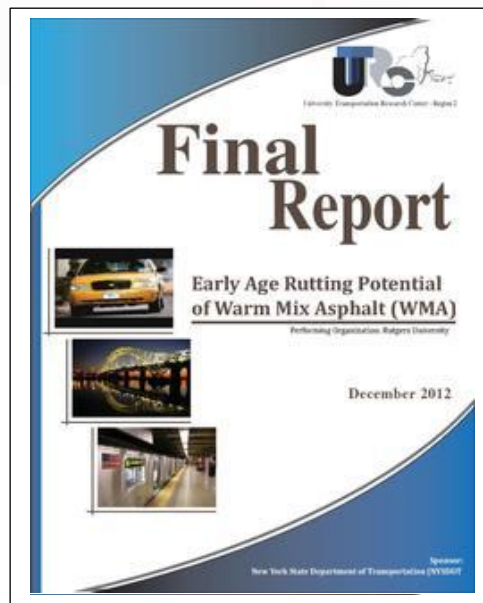
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The University Transportation Research Center Publishes the Final Report for the Research Project Titled: "Early Age Rutting Potential of Warm Mix Asphalt (WMA)"

UTRC has released a final report for the research titled: "Early Age Rutting Potential of Warm Mix Asphalt (WMA)", funded by the New York State Department of Transportation (NYSDOT). The principal investigator was Dr. Thomas Bennert, an associate professor of Civil and Environmental Engineering at Rutgers University.

This research project shows various plant produced Warm Mix Asphalt (WMA) mixtures and how they were evaluated and compared to identical plant produced Hot Mix Asphalt to assess their early life rutting potential. Along with the laboratory permanent deformation testing, fatigue and moisture damage were also included. The test results indicated that the performance of the WMA was very similar to that of the companion HMA with differences in performance a function of mix type, RAP content, and production temperature. To help address New York State's concerns with the implementations of WMA, fourteen (14) sets of WMA and companion HMA plant produced mixtures were evaluated in the laboratory for their respective rutting, fatigue cracking, and moisture damage resistance.

The full report is available for a free download at the UTRC website: <http://www.utrc2.org/publications/warm-mix-asphalt-final>



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About The University Transportation Research Center

The University Transportation Research Center (UTRC) is a USDOT Regional Transportation Center addressing surface transportation operations, management, design economics and planning. The Region 2 University Transportation Research Center is one of ten original National Centers, established in 1987, in recognition that transportation plays a key role in the nation's economy and in the quality of people's lives. Located at the City University of New York, the Center is a Consortium of 17 major Academic Institutions in New York, New Jersey, and Puerto Rico. Through the Grant supporting the Center, the mission incorporates research, education and the transfer of technology in the field of transportation. Academically based, the work of Faculty and Students – graduate and undergraduate provide a critical link in resolving our national and regional transportation problems while training the future and current professionals who address our transportation system and their customers on a daily basis. For more information, visit www.utrc2.org.