PROJECT OVERVIEW REPORT

1. Center Identifying Number
   218 RU7212

2. Project Title
   Evaluation of Warm Asphalt Technology

3. Principal Investigator
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4. NJDOT Principal
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5. Project Description
   The objective of NJDOT 2008-01, Warm Pavement Technology, is to evaluate the different facets of warm mix asphalt production and performance for future use by the New Jersey Department of Transportation (NJDOT). An assessment of available warm mix additives/technologies will be conducted to provide NJDOT with preliminary recommendations for future use. The assessment will be based on Literature Reviews/Interviews, as well as a detailed laboratory and field research program detailed in this research proposal. This includes critical factors during the laboratory mixture design, as well as critical factors during the production and placement of warm mix asphalt. The research project will also evaluate the potential end uses of warm mix asphalt. This includes the typical use in structural pavements, as well as the potential use for pothole/maintenance mixes that could be used for long haul/long dwell time projects.

6. Dates and Budget
   Start date: 1/1/2008
   End date: 12/31/2009
   Total Dollars: $285,071

7. Keywords
   Warm mix asphalt, mix design, gyratory, compaction, recycled asphalt