PROJECT OVERVIEW REPORT

1. Center Identifying Number
   229-RU0473

2. Project Title
   Pavement Resource Program 2008

3. Principal Investigator
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5. Project Description
   The mission of Rutgers University’s Center for Advanced Infrastructure and Transportation (CAIT) Pavement Resource Program (PRP) is to provide pavement engineering support to the New Jersey Department of Transportation (NJDOT)’s Pavement and Drainage Management Systems (P&DMS) Unit. The activity is a partnership between federal and state transportation agencies and the academic institution of Rutgers University to provide technical and educational services to address transportation infrastructure in New Jersey. This center supports the NJDOT by providing staff and resources to address pavement engineering, performance modeling, material characterization, operational issues, training, and other technical support as needed by the Pavement and Drainage Management Systems Unit. The goal of this program is to assist in developing the tools and apply the resources of the center to optimize the funds available through the NJDOT’s capital program to improve the conditions of New Jersey highway pavements.

6. Dates and Budget
   Start date: 10/15/2008
   End date: 12/31/2009
   Total Dollars: $1,500,000

7. Keywords
   Pavement, Pavement Management System, Ground Penetrating Radar (GPR), Mechanistic-Empirical Pavement Design, ride quality