PROJECT OVERVIEW REPORT

1. Center Identifying Number
   242-RU1752

2. Project Title
   Safety Analysis of Crash and Inspection Data for Commercial Vehicles

3. Principal Investigator
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5. Project Description
   The State of New Jersey is developing an advanced Graphic Information System (GIS) based interface for a decision support software system for the New Jersey Department of Transportation (NJDOT), Bureau of Trucking Services (BTS). The proposed software system will be built upon the basis of several years of accident and inspection data already existing in SAFETYNET, as well as additional data in other databases which can be extracted from the NJTR-1 forms. This information will be the basis for statistical analysis and inferences that will be offered by the software. The software will be a web based application to be hosted at the NJDOT. The primary goal of this project is to provide current, reliable, and operationally beneficial information on matters related to the improvement of functional safety upon the Commercial Motor Vehicle (CMV) transportation in New Jersey. Through the use of the proposed program, the State will be able to analyze existing crash and inspection data and focus enforcement efforts to realize reduction in the number and severity of CMV crashes, ultimately reducing property damage, injuries and fatalities.

6. Dates and Budget
   Start date: 11/1/2009
   End date: 11/1/2010
   Total Dollars: $121,675

7. Keywords
   Safety analysis, crash data, software systems, GIS, accident analysis