PROJECT OVERVIEW REPORT

1. Center Identifying Number
   DHTS-RU0405

2. Project Title
   New Jersey Crash Record Geocoding

3. Principal Investigator
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5. Project Description
   This project will entail the geocoding of crash records that cannot be geocoded using computer automated means. Crash records that are geocoded will be shared with the NJDOT Bureau of Safety Programs to increase the number of crashes that they can locate for crash analyses and problem location identification throughout the state.
   This project will impact upon the completeness and quality of crash data available in the state repository. Currently, New Jersey geocode approximately 55-60% of the crashes; Rutgers will be able to increase that average percentage close to 90-93%. By increasing the number of crashes that are geocoded, state safety professionals will be better equipped to determine problem locations and crash cluster locations for safety programming.
   Additionally, this effort will be used to update the New Jersey crash database and Plan4Safety, New Jersey’s crash analysis and decision support tool. Through the use of Plan4Safety, local agencies are able to use the program’s visual analytical tools in GIS, which maps all known locations for crashes and aids these groups in cluster identification and site crash analysis, thereby improving their use of limited resources.

6. Dates and Budget
   Start date: 1/1/2009
   End date: 10/31/2009
   Total Dollars: $40,000

7. Keywords
   Crash, geocoding, decision support tool, GIS