SPR RESEARCH PROJECT DESCRIPTION

PROJECT NUMBER:
04403

PROJECT TITLE:
Statewide Implementation of the Mobility Information Management System (MIMS)

PRINCIPAL INVESTIGATOR:
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OBJECTIVE:
The Civil Engineering Department at the University of Alabama in Huntsville has been conducting a pilot study on the Mobility Information Management System (MIMS in northwest Alabama, to serve as an initial starting point for this project. This project will focus on the deployment of MIMS methodology, a database and Internet pages as a statewide implementation, so that transportation information can be acquired, understood and utilized by the general public.

ABSTRACT:
Rural public transit operators must become more than transit providers, they must become mobility managers. This project provides an information system that contains the elements necessary to manage a statewide trip database using public and private transportation resources. The goal of this research is to take the previously developed MIMS system methodology and deploy a statewide version of the system. MIMS is a major technology transfer tool which will make available to the public a large amount of coordinated transportation information.

PROJECT TASK DESCRIPTIONS:
1) Reconfigure the database and Internet pages for statewide implementation.
2) Determine key transportation service providers from all Alabama regions.
3) Determine all required participants that are providing mobility services.
4) Conduct site visits to all regions to determine services provided.
5) Prepare final report and documentation.

MILESTONES AND DATES:
Completion of Task 1: October 1, 2003.
Completion of Task 2: December 31, 2003
Completion of Task 4: December 31, 2005
Completion of Task 5: September 30, 2006
TOTAL BUDGET:
Three-year project; ALDOT State Planning & Research (SPR) funds $157,416.

STUDENT INVOLVEMENT:
One graduate student and one undergraduate research assistant will participate in this project.

RELATIONSHIP TO OTHER PROJECTS:
This project is not related to any other UTCA projects.

TECHNOLOGY TRANSFER ACTIVITIES:
None.

POTENTIAL BENEFITS OF THE PROJECT:
This final database will be available to assist Alabama residents in planning, arranging, and making trips within the state. It will also serve as repository for information about transportation services located throughout the state.

TRB KEYWORDS:
Mobility information management database, MIMS database, transportation, mobility, update