Arkansas State Highway and Transportation Department
Transportation Research Committee

RESEARCH PROBLEM STATEMENT

DATE: 08/03/2010	**PROJECT AREA:** Special Projects

TITLE: Network Connections for Construction Field Offices

PROBLEM STATEMENT:

The implementation of the Trans.Port SiteManager software for construction project management has revealed the need for high speed, reliable network connections for Construction Field Offices around the State. The current method of utilizing a phone line to connect to the Department's network has proved to be unreliable and inefficient for performing the data transfers that are needed to maintain accurate and up to date records in the SiteManager database.

OBJECTIVES:

Investigate high speed alternatives to phone lines for accessing the Department's network. These alternatives must be available across the state, including locations that do not contain developed infrastructure, and must not result in large cost increases.

Form of Research Implementation:

If found to be economically feasible, a high speed reliable network connection would be available at each Construction Field Office around the State.

Total Estimated Cost and Project Duration: **$** 50,000 **and** 12 **months.**

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ADVISORY COUNCIL RANKING	TRC RANKING	Statement Combined with Statement Number(s)
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