Arkansas Department of Transportation  
Transportation Research Committee  

**RESEARCH PROBLEM STATEMENT**

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<th>DATE: 09/14/2017</th>
<th>PROJECT AREA: Planning</th>
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**TITLE:** Standardization of Arkansas Crash Data Reporting

**PROBLEM STATEMENT:**

The Arkansas State Police (ASP) is by state law the agency tasked with housing all of the motor vehicle crash investigation records for the state of Arkansas. The ASP has created a form for crash investigation recording that is available to all law enforcement agencies in the state. However, some law enforcement agencies use their own version of this form that includes all of the same information but with different formatting. Yet some of these forms are paper format that is filled out by hand at the scene of the crash. The reports are then cataloged as scanned images. These inconsistencies can create difficulty when trying to search crash records. If the state had a standard digital form it could allow for speedier reporting and less discrepancies in crash reporting while providing a secure format for the records. The digital reports could then be merged into a database so the information could be quickly and easily accessed and searched by personnel with the proper authorization.

**OBJECTIVES:**

- Determine types of data needed by each State agency that utilizes crash data.
- Determine if commercially available software programs could tie into current crash data reporting system.
- If necessary, develop a system model robust enough to obtain necessary data but simple enough for field use.

**FORM OF RESEARCH IMPLEMENTATION:**

Creation of crash reporting system (application, program, or website) for law enforcement officers across the state to tie into the Arkansas State Police motor vehicle crash investigation record repository. Or adoption of commercially available program for crash data reporting.

**Estimated Project Duration:** 36 months

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**Standing Subcommittee Ranking:** 5 / 5  
**Advisory Council Ranking:** 36 / 44  
**Statement Combined with Statement Number(s):**