

Title: Traffic Crash Analyst	Effective Date: October 18, 2010	Grade: XI	Job Category: Technician
Prior Title: Traffic Crash Analyst	Prior Effective Date: August 24, 2007	Grade: XI	Page: 1 of 1

CHARACTERISTICS OF WORK

This position is accountable for the collection and evaluation of traffic crash data for use in system evaluations, identification of high crash rate locations, crash rate by type of highway facility, and various safety studies.

EXAMPLES OF WORK

The following examples are intended only as illustrations of various types of work performed. No attempt is made to be exhaustive. Related, similar, or other logical duties are performed as assigned. The Department may require employees to perform functions beyond those contained in job descriptions. The Department may modify job descriptions based on Department needs. The Arkansas State Highway and Transportation Department is an "at will" employer.

- Conduct traffic crash analysis and crash diagrams for inclusion in safety studies.
- Perform crash queries to identify high crash rate locations and possible cause of crashes.
- Perform trend analysis and prepare reports.
- Assist in updating city and county maps with correct highways, sections and log miles for local law enforcement agencies.
- Work with others to summarize crash data and roadway data information and calculate crash rates by various roadway types.

MINIMUM REQUIREMENTS

The educational equivalent to a bachelor's degree from an accredited college or university or four years equivalent experience in field applicable to work performed. Experience in Microsoft Access, Excel, MicroStation and Geomedia programs. Working knowledge of highway road log and crash database preferred.

("Accredited" means the educational institution or program is accredited by an accrediting organization recognized either by the United States Department of Education or by the Council for Higher Education Accreditation.)