AHTD

Classification Specifications

Title: **Senior Traffic Safety Analyst**	Effective Date: June 24, 2017	Grade: XV	Job Category: Professional
Prior Title: Initial Distribution	Prior Effective Date:	Grade:	Page: 1 of 1

CHARACTERISTICS OF WORK

Under supervision of the Section Head and the SHSP Coordinator, this position is responsible 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, analysis of various data related to traffic safety, 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 complex traffic crash analyses and crash diagrams for inclusion in safety studies.

- Perform complex crash queries to identify high crash rate locations and possible cause of crashes.

- Assist with the creation and coordination of the Strategic Highway Safety Plan.

- Assist with creating and maintaining the crash data utilized by the Department.

- Provide recommendations and guidance with regards to the use of data.

- Update reports and studies as assigned.

- Assist in overseeing the development of GIS methodologies and workflows for studies and on-going projects within the Traffic Safety Section.

MINIMUM REQUIREMENTS

The educational equivalent to a bachelor's degree from an accredited college or university in field applicable to work performed. Three years' experience in data analysis. Knowledge of statistical methods and report writing. Effective written and verbal communication skills. Working knowledge of Microsoft Office Suite. Thorough knowledge of GIS software, applications, and tools. Thorough knowledge of database creation, maintenance and relationships. Experience with Model Builder, Python, and SQL 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.)

Arkansas State Highway and Transportation Department   EEO-approved