

Title:	Effective Date:	Grade:	Job Category:
Transportation Programming Specialist	October 18, 2010	XV	Professional
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CHARACTERISTICS OF WORK

Under limited direction, this position is responsible for the programming and technical guidance of computer programs, vendor related software, and complex databases.

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.

- Customize complex software to meet the needs of the end user.
- Review documentation for new or modified system software.
- Provide guidance on technological problems, performance, and procedures for users and internal personnel.
- Review design specifications for application systems and supply technical support.
- Determine and analyze user requirements and develop appropriate databases and software for Department use.

MINIMUM REQUIREMENTS

The educational equivalent to a bachelor's degree from an accredited college or university plus a minimum of five years experience in programming in modern computer languages; OR the educational equivalent to a master's degree from an accredited college or university plus three years experience in programming in modern computer languages. Knowledge of current database systems and modern programming languages. Ability to evaluate existing computer software packages and make recommendations for deployment. Working knowledge of the Average Daily Traffic (ADT) database structure desired.

("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.)