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| Title: Geospatial Specialist | Effective Date: June 22, 2019 | Grade: XII | Job Category: Technician |
| Prior Title: GIS Analyst; Cartographer I, II, III | Prior Effective Date: June 24, 2017 | Grade: X,XII,XIII | Page: 1 of 1 |

CHARACTERISTICS OF WORK

Under general supervision, this position performs various cartographic and Geographic Information Systems (GIS) functions with spatial data, and is accountable for the preparation of data, maps, and related graphics for use in statewide transportation planning needs.

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.

- Create and maintain GIS and mapping databases and workspaces.
- Design GIS and mapping methodologies for studies and projects
- Analyze and publish data for planning and project specific purposes.
- Assist in the implementation of standards and methods for performing various GIS and mapping functions.
- Research best practices and alternate methods within the GIS and mapping community for extended learning and for determining potential value for the Department.
- Prepare and update various types of maps and displays as needed.
- Maintain quality control and review published products to ensure standards and accuracy.

MINIMUM REQUIREMENTS

The educational equivalent to a bachelor's degree from an accredited college or university in GIS, geography or related field that heavily involves using a GIS/mapping platform. Experience in GIS and mapping project design and methodology creation. Knowledge of GIS and mapping software(s), tools, and functionality. Ability to assist in the design and implementation of GIS and mapping methodologies. Knowledge of imagery resources and coordinate systems. Knowledge of database creation, maintenance, and relationships. Knowledge of Microsoft Windows, Access, Excel and PowerPoint.

("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.)