

Title: <b>Senior Designer</b>	Effective Date: September 15, 2016	Grade: XV	Job Category: Technician
Prior Title: Senior Designer	Prior Effective Date: May 11, 2012	Grade: XV	Page: 1 of 1

*CHARACTERISTICS OF WORK*

This position is accountable for the roadway design of highways to produce a complete set of plans allowing construction of projects meeting state and/or federal requirements.

*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.

- Conceive design features for roadway elements of assigned projects.
- Accomplish the geometric, pavement structure, roadway section, drainage facilities, and miscellaneous structural design for projects.
- Ensure project plans and specifications are prepared and assembled according to established procedure.
- Provide supervision to technicians and drafters.

*EXAMPLES OF WORK APPLICABLE TO THE MAINTENANCE DIVISION*

- Layout and design highway signs according to Department policies and practices.
- Develop detailed signing plans and specifications for inclusion in highway projects.
- Review and provide comments on signing plans submitted by consultants.

*MINIMUM REQUIREMENTS*

The educational equivalent to an associate's degree in computer-aided drafting and design (CADD) from an accredited college or university plus eight years experience; OR the educational equivalent to a diploma from an accredited high school plus 10 years experience in highway plan preparation or in a related field using CADD. Advanced training in civil engineering design and advanced experience in highway design.

*MINIMUM REQUIREMENTS APPLICABLE TO THE MAINTENANCE DIVISION*

The educational equivalent to a diploma from an accredited high school. Advanced training in subprofessional engineering work or experience in traffic engineering. Thorough knowledge and experience in the design of highway signs and in the preparation of plans and specifications for highway signing projects.

*("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.)*