

Title: <b>Senior Designer</b>	Effective Date: May 11, 2012	Grade: XV	Job Category: Technician
Prior Title: Senior Designer	Prior Effective Date: October 18, 2010	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.

*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.

*("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.)*

