

Title: Bituminous Engineer	Effective Date: October 20, 2011	Grade: XVIII	Job Category: Professional
Prior Title: Section Head - Highway Materials Design	Prior Effective Date: September 17, 2008	Grade: XVIII	Page: 1 of 1

CHARACTERISTICS OF WORK

This position is responsible for supervising, planning, directing, reviewing, and evaluating asphalt related studies, new technologies and activities for incorporation into Department Standard Specifications and plans.

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.

- Review literature pertaining to asphalt binder and asphalt concrete hot mixtures for possible incorporation into the Department's Standard Specifications and plans.
- Supervise studies and evaluations on asphalt binder and asphalt concrete hot mixtures.
- Provide information to various Divisions, Districts, Sections and Resident Engineers as needed to correct problems that are encountered with asphalt concrete hot mixtures.
- Evaluate asphalt concrete hot mix pavements on which problems have developed for projects throughout the State.
- Develop specifications as needed in the area of asphalt binder, asphalt concrete hot mixtures, and asphalt paving.
- Supervise personnel assignments in the study and evaluation of asphalt binder and asphalt concrete hot mixtures.

MINIMUM REQUIREMENTS

Possession of a current *Arkansas* license to practice professional engineering. Experience in asphalt binder, asphalt concrete hot mix design methods and evaluation, and pavement design. Valid driver's license.