

Title: Senior Structures Engineer	Effective Date: September 17, 2008	Grade: XVIII	Job Category: Professional
Prior Title: Senior Structures Engineer	Prior Effective Date: August 24, 2007	Grade: XVIII	Page: 1 of 1

CHARACTERISTICS OF WORK

Under minimum supervision, this position is responsible for determining load capacity ratings on all public bridges.

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.

- Perform in-depth structural analysis for determining load capacity ratings on the more complex highway bridges.
- Provide supplemental on-site inspection of bridges when additional structural expertise is required.
- Assist in supervising and coordinating load capacity rating and structure inventory activities.
- Investigate the adequacy of a structure(s) to support overloads and prepare recommendations regarding permit requests.

MINIMUM REQUIREMENTS

Possession of a current *Arkansas* license to practice professional engineering. Extensive experience in bridge structural analysis, design, and load capacity rating techniques and thorough knowledge of quality of bridge materials.