

Title: Bridge Management Specialist	Effective Date: October 4, 2018	Grade: XI	Job Category: Technician
Prior Title: Bridge Management Specialist	Prior Effective Date: June 24, 2017	Grade: XI	Page: 1 of 1

CHARACTERISTICS OF WORK

This position is responsible for developing, analyzing, and maintaining comprehensive bridge condition data used within the Bridge Management Program. In addition, this position is responsible for identifying patterns or trends, and for assisting others in assessing the impact of those patterns or trends on the state bridge inventory.

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.

- Compile and analyze bridge condition and other data on public highway bridges.
- Prepare reports, maps, statistical tabulations, charts and graphs.
- Assist bridge inspection personnel in the proper collection of bridge condition data.
- Assist in developing bridge preservation, rehabilitation, replacement, and maintenance repair scenarios using an asset management database.
- Assist in evaluation of trends and patterns in bridge condition.
- Assist with the quality control and quality assurance program for the bridge data.

MINIMUM REQUIREMENTS

The educational equivalent to a bachelor's degree from an accredited college or university in a quantitative field such as mathematics, physics, computer science, operations research, quantitative economics, computer information systems, or quantitative analysis. Analytical and problem solving skills. Experience in developing SQL queries. Proficient in the use of Microsoft Excel and Access. Working knowledge of the bridge inspection database and computer programming experience preferred. Valid driver's license.

("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.)