

Title:	Effective Date:	Grade:	Job Category:
<b>Bridge Management Specialist</b>	December 20, 2023	XI	Technician
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Bridge Management Specialist	October 4, 2018	XI	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 Department of Transportation 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***

Education and experience: The educational equivalent to a bachelor's degree from an accredited college or university in related field applicable to the work performed OR the educational equivalent to a diploma from an accredited high school plus four years of directly related experience.

Knowledge, skills and abilities: Working knowledge of Departmental software programs including Microsoft Excel and Word. Familiarity and general understanding with GIS concepts and backend database preferred.

Working conditions: Occasional in-state travel including overnight trips.

Licenses, registrations and certifications: 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.)*