

Title: <b>Statewide Bridge Inspector</b>	Effective Date: July 6, 2023	Grade: XVI	Job Category: Professional
Prior Title: Statewide Bridge Inspector	Prior Effective Date: November 16, 2016	Grade: XV	Page: 1 of 2

### ***CHARACTERISTICS OF WORK***

Under general direction, this position is responsible for the inspection of the designated major bridges on the state highway system in accordance with the National Bridge Inspection Standards (NBIS). In addition, this position will be used to independently review and validate inspection data from other Bridge Inspection Teams and supplement District inspection activities as needed to maintain the required inspection schedule.

### ***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.

- Schedule inspections required by the NBIS and Division leadership.
- Direct lane closures for bridge inspections according to the MUTCD.
- Directly supervise bridge inspection team; inspect and assign condition rating to all components of major bridges, completing necessary forms, making detailed sketches, photographs, and measurements to accurately describe existing bridge conditions.
- Enter inspection data and maintenance needs into the bridge inspection database.
- Make emergency inspection of bridges damaged by accident or natural causes.
- Perform specialized testing on certain bridge components, i.e., ultrasonic testing.
- Perform underwater inspections in the form of soundings, probing, or observations from a low water condition.
- Validate bridge inspection data by reviewing existing data in the bridge inspection database and performing independent evaluations of bridge conditions to compare with completed inspections.

### ***MINIMUM REQUIREMENTS***

Education and experience: The educational equivalent to a diploma from an accredited high school with a minimum of five years bridge inspection experience and successfully completed a comprehensive bridge inspection training course. The bridge experience must be verified by the State Bridge Inspection Program Manager. Experience in traffic control signing for interstate traffic preferred.

Knowledge, skills and abilities: Working knowledge of bridge plans and surveying techniques. Familiarity with the operation of personal computers. Ability to read and speak the English language sufficiently to converse with the general public, to understand highway traffic signs and signals in the English language, and to respond to official inquiries, and to make entries on reports and records. Ability to utilize bridge inspection software on mobile application and desktop to create a complete bridge inspection report. Ability to use Computer Aided Design and Drawing (CADD) software to produce inspection sketches. Familiarity with the Federal bridge inspection regulations and the Arkansas Bridge Inspection Program Manual.

Physical requirements: Ability to climb up and down ladders, platforms, hills and grades as well as in and out of vehicles and equipment. Ability to perform duties at varying heights.

Working conditions: Constant statewide travel. Ability to perform assigned duties in all types of weather as well as other work conditions, e. g. noise, dust and fumes.

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Licenses, registrations and certifications: Valid Class A commercial driver’s license (CDL) with “Tanker” (“N”) endorsement. Successful applicants must meet the physical and mental requirements for a CDL. A pre-employment drug/alcohol test will be conducted after a contingent offer of employment or transfer has been made, and prior to the candidate performing any work for the Department in that capacity. Internal applicants who are already in a safety-sensitive position will not be subject to pre-employment drug/alcohol testing; however, offers to internal applicants who are not in a safety-sensitive position will be contingent upon pre-employment drug/alcohol testing. Subject to additional drug/alcohol testing according to the provisions of the ARDOT Drug and Alcohol Testing Program.

*("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.)*