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| Title: Senior Hydraulics Technician | Effective Date: May 11, 2012 | Grade: X | Job Category: Technician |
| Prior Title: Senior Hydraulics Technician | Prior Effective Date: October 18, 2010 | Grade: X | Page: 1 of 1 |

CHARACTERISTICS OF WORK

Under minimum supervision by an engineer, this position is responsible for making independent hydrologic analyses for highway drainage related projects. This position provides expertise in reviewing projects for compliance with federal and local floodplain management regulations and securing floodplain permits.

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.

- Make hydrologic and hydraulic analyses for bridges and other highway drainage structures.
- Contact federal and state agencies to collect data to aid in the development of hydrologic analyses.
- Input data into computer terminal with superior accuracy for various hydraulic computer programs.
- Perform entry of written information for word processing.
- Operate computer aided design and drafting (CADD) equipment.
- Coordinate the Department's floodplain management program by contacting local communities as necessary to comply with their floodplain regulations.
- Review all projects for compliance with national flood insurance program.
- Prepare drawings for reports.
- Perform fundamental field surveying.
- Supervise and train hydraulic technicians.

MINIMUM REQUIREMENTS

The educational equivalent to an associate's degree in computer-aided drafting and design (CADD) from an accredited college or university plus three years experience; OR the educational equivalent to a diploma from an accredited high school plus five years experience in highway plan preparation or in a related field using CADD. Technical writing ability and strong mathematical background.

("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.)

