

Title: Concrete and Steel Fabrication Engineer	Effective Date: October 20, 2011	Grade: XVIII	Job Category: Professional
Prior Title: Concrete and Steel Fabrication Engineer	Prior Effective Date: September 17, 2008	Grade: XVIII	Page: 1 of 1

CHARACTERISTICS OF WORK

This position administers the program of inspection of shop fabrication, structural bridge steel, precast concrete products, and physical testing of highway maintenance and construction materials.

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.

- Plan projects in advance to ensure arrangements for inspection of fabrication in an efficient manner.
- Supervise inspection of fabrication of structural steel and precast concrete products to ensure compliance with standards and specifications which will require visits to the fabrication and precast facilities.
- Supervise the testing of steel, cement and concrete products used in highway and bridge construction.
- Resolve problems arising from fabrication and testing.
- Verify invoices and approve payments for inspection work by consultants or other highway departments.

MINIMUM REQUIREMENTS

Possession of a current *Arkansas* license to practice professional engineering. Experience in the inspection, testing and fabrication of concrete and steel products. Three years as Physical Testing Engineer or equivalent experience. Valid driver's license.