

Engineer 6 DOTD
Baton Rouge, LA

Responsibilities:

The Employee is responsible for managing the Employees of the Mechanical Design Gang of the Bridge Design Section. Duties include prioritizing and scheduling office workload to establish and meet project deadlines, utilizing project-tracking tools to assure timely completion of projects, maintaining the current status of projects, interviewing and hiring new Employees, reviewing Employee performance, counseling Employees to improve performance, monitoring Employee attendance and leave usage, and instructing/training Employees on the Department's mechanical design and detailing methodologies, techniques, specifications, and standards.

Supervise, coordinate, and direct the development of Mechanical Construction Documents (Plans, Specifications, and Estimates) for in-house Mechanical Design Projects. This includes instructing/training less experienced Engineers, Engineer Interns, and Engineering Technicians in the proper interpretation and application of design techniques, specifications, codes, and regulations that govern the design of Mechanical Systems for Movable Bridges, Building Facilities, and other Transportation related facilities.

Provide task management of assigned in-house bridge projects by insuring that all tasks are completed within scope, schedule and budget requirements and at the highest quality. When needed, assist with the management of consultants performing structural design of bridge structures for the Bridge Design Section. Utilize project management software tools such as the Program and Project Management System (PPMS) on a regular basis.

Establish, maintain, and enforce Mechanical Design standards and specifications for the Department. This includes maintaining and updating the Mechanical Design portion of the "Bridge Design Manual" and the Movable Bridge section (Section 809) of the "Louisiana Standard Specifications for Roads and Bridges".

Assist the Bridge Design Administrator by providing technical guidance in the area of Mechanical Design. Represent the Department as an expert witness and/or provide technical assistance to the Department's Legal Section in their defense of the Department from litigation. Develop and maintain Engineering Directives and Standards Manual (EDSM) as needed in responsible area of expertise. Participate in public meetings or hearings when needed to inform the general public about on-going design projects.

MINIMUM QUALIFICATIONS:

Possession of a current Louisiana license to practice professional engineering plus seven years of professional engineering experience, one year of which must have been at the advanced performance level or above.

SUBSTITUTIONS:

A master's degree in engineering will substitute for one year of engineer intern or equivalent experience.

A Ph.D. in engineering will substitute for two years of engineer intern or equivalent experience.

Please forward resumes to Jason.hooper@la.gov.