

Job Title: CIVIL ENGINEER TRAINEE - ASSISTANT STRUCTURAL DESIGN & REVIEW TRAINEE - IPR#44867

Agency: Department of Transportation
Closing Date/Time: 04/27/2021
Salary: \$4,365 - \$4,785
Job Type: Salaried Full Time
County: Sangamon
Number of Vacancies: 4
Plan/BU: NR916

Technical Applications PM1080 (rev 10/16/20) must be received by the Bureau of Personnel Management, Room 113, 2300 South Dirksen Parkway, Springfield, IL 62764 (Fax# 217/557-3134) or emailed to DOT.CO.BPM.EmploymentApplications@Illinois.gov by the closing date listed above. Please visit <https://idot.illinois.gov/about-idot/employment-opportunities/employment/index> to download the Technical Application PM1080.

Unofficial college transcripts must be included with application. Official college transcripts must be submitted upon date of employment. Applicants possessing an Engineer Intern License must also include a copy with application. Applicants not submitting these documents by the posting deadline will not be considered for employment.

In an attempt to fill the posted positions, IDOT will contact applicants during the posting period to schedule interviews. All postings will result in three interview pools, with application cut off dates of: February 26, 2021, March 26, 2021 and April 27, 2021. Those applicants that have been deemed qualified and have submitted a completed application with all required attachments will be invited to interview accordingly based on the date their application documents are received.

Please indicate IPR#44867 on the Technical Application PM1080.

Agency Mission Statement

The Illinois Department of Transportation is seeking to hire Civil Engineer Trainees. The IDOT team works diligently to provide safe, cost-effective transportation for Illinois in ways that enhance quality of life, promote economic prosperity and protect our environment. We are problem solvers and leaders, constantly searching for innovations and improvements in support of our commitment to providing the best multimodal transportation system for Illinois. Our team fosters a culture of inclusivity. We value diversity and hold ourselves to the highest ethical standards as we work together for a common purpose. Team members frequently collaborate with colleagues and others outside the department to best meet customer needs. Employees enjoy excellent benefits, including health, vision and dental insurance; a retirement plan and deferred compensation options; state holidays and other time off; tuition reimbursement; flexible schedules; and pre-tax benefit programs. The department also offers extensive training and career advancement opportunities. We invite qualified applicants to apply to become part of our team. We are confident that you will take pride in serving Illinois and its residents and visitors.

Qualifications

Position Requirements

- Completion of a master's or bachelor's degree in engineering from an ABET accredited college OR a current Engineer Intern License in the state of Illinois (includes those expecting to graduate in the spring of 2021)
- Minimum 2.5 cumulative GPA in engineering related courses (If 2.0-2.5 GPA, candidate must have passed Fundamentals of Engineering exam)
- Occasional travel is required
- Valid driver's license

Position Desirables

- Working knowledge of the routine practices of civil engineering
- Working knowledge of mathematics as applied to engineering activities
- Ability to make relatively difficult technical computations and estimates
- Strong oral and written communication skills

Job Responsibilities

This position assists in the structural analysis and detailed design required in the production of structural contract plans utilized in the construction of simple bridge and traffic structures and for the review of simple construction shoring, bracing, and temporary structure designs prepared by contractors. Work may also include preparation of bridge repair plans, load ratings, and bridge standards.

Principal Accountabilities

1. Develops and analyzes simple structure designs which incorporate current methods and technology.
2. Performs design computations required in the preparation and review of structural contract plans.
3. Reviews structure designs prepared by others for completeness and structural adequacy.
4. Reviews and recommends approval/disapproval of contractor proposals for shoring, bracing, and temporary structures.
5. Assists in performing field investigations.
6. Performs duties in compliance with departmental safety rules. Performs all duties in a manner conducive to the fair and equitable treatment of all employees.
7. Performs other duties as assigned.

Work Hours: 8:00 AM to 4:30 PM

Work Location: Springfield - 2300 S Dirksen Pkwy

Office: Office of Highways Project Implementation/Bureau of Bridges & Structures

Agency Contact: DOT.CO.BPM.EmploymentApplications@Illinois.gov

Job Function: Sciences and Natural Resources; Transportation

Collective Bargaining Agreement language applies to this requisition

We are currently transitioning our application process away from paper process to an electronic application process. This position has not been transitioned please follow the directions below when applying to this position.

Please visit the IDOT website at <http://www.idot.illinois.gov/about-idot/employment-opportunities/employment/index> to obtain the required bid forms and application forms.