Job Title: ENGINEERING TECH I-SQUAD TECHNICIAN - IPR#45974

Agency : Department of Transportation
Closing Date/Time: 11/17/2022
Salary: $2,695-$4,735 Monthly
Job Type: Salaried Full Time
County: Edgar
Number of Vacancies: 3
Plan/BU: NR916 - Protech Teamsters

This position is a union position; therefore, provisions of the relevant collective bargaining agreement/labor contract apply to the filling of this position.

All applicants who want to be considered for this position MUST apply electronically through the illinois.jobs2web.com website. State of Illinois employees should click the link near the top left to apply through the SuccessFactors employee career portal.
Applications submitted via email or any paper manner (mail, fax, hand delivery) will not be considered.

Agency Mission Statement
The Illinois Department of Transportation is seeking to hire an Engineering Technician I.

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.

The department offers extensive training and career advancement opportunities.

- As an Engineering Tech I, you have the possibility of promoting to an Engineering Tech II within 18-24 months.
- A possibility of promoting to an Engineering Tech III within 30-36 months.

Engineering Technician I's with the Illinois Department of Transportation work with engineers from diverse backgrounds, experiences, and careers. They are exposed to both external and internal engineering professionals. This program is a unique opportunity to expand your knowledge and career while networking within a vast engineering network. IDOT offers an ideal program to start and expand an engineering career.

Employees also receive a robust benefit package including:

- Monday-Friday work schedule
- Flexible work schedules are available in many program areas.
- Health, Life, Vision, and Dental Insurance
- Pension Plan
- (10) Weeks paid Maternity/Paternity Leave
- Deferred Compensation Program and other pre-tax benefit programs (Medical/Daycare)
- Employees earn (12) paid Sick Days annually.
- New Employees earn (10) paid Vacation Days their first year of service and can earn up to (25) paid Vacation Days annually.
- Employees earn (3) paid Personal Days annually.
- (13-14) paid holidays annually (based on start date)
- Tuition Reimbursement

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.

Job Responsibilities

This position is accountable for performing basic tasks associated with designing and preparing studies, plans and specifications for highway facility improvements.

Contract Value: $1,000,000 to $3,000,000
Number of Contracts: 2 to 3 per year

This position reports to the Studies and Plans Squad Leader. No subordinates report to this position.

This position functions within a Studies and Plans squad, which is primarily accountable for accomplishing projects assigned by the Project Engineer. This position is unique in that the geographic area within which this position operates encompasses a 7-county area which for the most part, is rural but contains several highly urbanized areas including Bloomington-Normal, Champaign-Urbana and Danville.

The greatest challenge for this position entails expediting all assigned activities in an accurate and timely manner. A typical problem for this position is to insure the completed output of a project assignment is correct and according to approved standards.

The incumbent is responsible for assisting in all aspects of study and plan preparation including preparation of various engineering analyses and studies, the determination of grade lines, the plotting of field notes on plan and profile and cross section sheets, calculation of quantities, design and drafting using MicroStation and the preparation and verification of earthwork computations.

In accomplishing the objectives of this position, the incumbent must operate within the limits of prescribed design standards and specifications. Problems relating to alternative approaches to highway design and/or deviation from original scope of project are referred to the squad leader for further consideration.

Internal contacts include other sections within the Bureau of Program Development for the purpose of obtaining information relative to specific design projects. The incumbent has occasional contact with Land Acquisition regarding right-of-way requirements, Materials for soil survey data, Programming for traffic data and Operations to obtain signing data and information regarding maintenance problems and landscaping. The incumbent's external contacts occur on an occasional basis and may include the Federal Highway Administration (FHWA) and county and municipal officials to provide information regarding highway improvements. Travel is required.

The effectiveness of this position can be measured by the ability of the incumbent to accomplish all assignments in an efficient and effective manner.

Principal Accountabilities

1. Perform basic cost and quantity calculations to ensure their accuracy and completeness.
2. Prepare accurate design layouts and basic drawings in compliance with prescribed standards and specifications.
3. Accomplish assigned tasks in a timely manner to facilitate the letting of contracts on schedule.
4. Performs duties in compliance with departmental safety rules. Performs all duties in a manner conducive to the fair and equitable treatment of all employees.
5. Performs other duties as assigned.

Qualifications

Position Requirements

- Education/Experience:
  - Completion of two years of college in civil engineering technology, pre-engineering or a job related technical/science curriculum; OR
  - Two years of engineering experience
  - Valid driver's license
- Travel

Position Desirables

- Working knowledge of the preparation of design plans and the ability to perform necessary technical computations in planning preparation
- Working knowledge of math to include trigonometry
- Ability to communicate effectively and follow oral and written instructions

Work Hours: 8:00 AM - 4:30 PM Monday-Friday
Work Location: 13473 Il Highway 133 Paris, IL 61944-6731
Work Office: Office of Highways Project Implementation, Region 3/District 5/Bureau of Program Development
Agency Contact: DOT.CONTACTHR@ILLINOIS.GOV
Job Family: Transportation

APPLICATION INSTRUCTIONS

Use the "Apply" button at the top right or bottom right of this posting to begin the application process.
If you are not already signed in, you will be prompted to do so.
State employees should sign in to the career portal for State of Illinois employees – a link is available at the top left of the Illinois.jobs2web.com homepage in the blue ribbon.
Non-State employees should log in on the using the "View Profile" link in the top right of the Illinois.jobs2web.com homepage in the blue ribbon. If you have never before signed in, you will be prompted to create an account.
If you have questions about how to apply, please see the following resources:
State employees: Log in to the career portal for State employees and review the Internal Candidate Application Job Aid
Non-State employees: on Illinois.jobs2web.com – click "Application Procedures" in the footer of every page of the website.

The main form of communication will be through email. Please check your "junk mail", "spam", or "other" folder for communication(s) regarding any submitted application(s). You may receive emails from the following addresses:

- donotreply@SIL-P1.ns2cloud.com
- systems@SIL-P1.ns2cloud.com