Job Title: ENGINEERING TECH I - DESIGN SQUAD TECHNICIAN - IPR#46065

Agency : Department of Transportation
Closing Date/Time: 11/17/2022
Salary: $2,695 - $4,735 Monthly
Job Type: Salaried Full Time
County: LaSalle
Number of Vacancies: 6
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 assisting the squad in the preparation of plans for highway and bridge improvements by performing drafting, calculations, and routine tasks.

Subordinates: None
Number of Projects: 5 to 15 per year
Contract Value: $3 to $15 Million per year

This position reports to the Senior Design Squad Leader.

This position functions within a design squad, which is primarily accountable for accomplishing projects assigned by the Project Engineer. Duties performed by this position often impart upon other design squads, particularly in the case of bridge structures and hydraulic designs and in those cases when design squads are assigned joint projects. The geographic area within this position encompasses a 9-county area that is primarily rural but does contain urbanized areas including Kankakee.

Typical problems faced by the incumbent include ensuring that drafts prepared comply to prescribed standards and specifications. The major challenge of this position is to draft plans and calculate quantities which are clear and concise and completed in a timely manner.

The incumbent is personally responsible for preparing quantity computations. His/Her assignments include drafting cross sections, profiles, roadways, driveways, sewers, utilities, and other features on highway plans. This position is responsible for ensuring that the layout of each plan sheet is consistent with overall design to ensure that the complete set of plans is clear and concise.

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 layout are referred to the Senior Design Squad Leader for further consideration.

The incumbent's primary contact is with the Senior Design Squad Leader for the purpose of receiving assignments, which may include assisting with surveys, traffic counts, taking field measurements, and travel to active construction sites.

The effectiveness of this position can be measured by quantity, accuracy, and timeliness of design data, which is incorporated into highway facility improvement plans.

Principal Accountabilities

1. Drafts simple and basic layouts of highway improvements which are used in preparing complete sets of design plans.
2. Performs quantity calculations for accuracy and completeness ..
3. Accomplishes 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 technical experience in engineering.
- Valid Driver's License
- Districtwide travel to active construction sites

Position Desirables

- Ability to communicate effectively and follow oral and written instructions
- Strong computer skills

Work Hours: 7:00 AM - 3:30 PM Monday-Friday
Work Location: 700 E Norris Dr Ottawa, IL 61350-1628
Office: Office of Highways Project Implementation/Region 2/District 3/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