

Job Title: ENGINEERING TECH I - TRAFFIC COUNT OPERATOR - IPR#46479

Agency : Department of Transportation

Closing Date/Time: 04/17/2023

Salary: \$2,695 - \$4,735 Monthly

Job Type: Salaried Full Time

County: Sangamon

Number of Vacancies: 1

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 Engineering Technicians (ET 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 a Engineering Technician I, you have the possibility of promoting to an Engineering Technician II within 18-24 months.
- A possibility of promoting to an Engineering Technician III within 30-36 months.

Engineer Technician I's with the Illinois Department of Transportation are trained in a variety of specializations during their career. They 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 gathering traffic data through visual and machine counts to be used in conjunction with highway design improvement or use.

Counties:	15
Seasonal and week-long traffic counts:	2,200 annually
Traffic counting machines assigned:	30-50

This position reports to the Traffic Studies Technician. There are no subordinates reporting to this position.

This position frequently functions in an outdoor environment and does work of a technical nature. The incumbent must exercise judgment in regard to weather conditions, construction underway or local developments such as fairs and homecomings that will adversely affect traffic counting operations. This position functions throughout the District 6 area, so the incumbent is required to travel frequently. This position provides current data which is used to update maps; classifies traffic types and estimates seasonal, weekly and daily adjustment factors which are used to estimate traffic volumes.

Problems encountered include maintaining the equipment in proper working condition, reporting stolen or lost equipment and assessing the impact of local conditions on traffic counts. The incumbent needs to be alert in counting to ensure the accuracy of the counts. The greatest challenge of this position is obtaining accurate traffic counts which are the result of properly setting the counting machines/tubes.

Functions personally performed by the incumbent include making manual traffic and classification counts, setting out traffic counter, deciding the proper locations for the counting equipment after studying county and municipal maps and maintaining the equipment in working order. The incumbent also collects data for intersection traffic studies and tabulates and codes traffic or study data into the Illinois Roadway Information System (IRIS).

In performing the assigned duties, the incumbent follows policies and procedures in the department's traffic counting methods. The incumbent takes independent action in establishing field locations for the counting machines, gathering data for counts and studies and properly maintaining the machines. The incumbent informs the Traffic Studies Technician of unusual problems which may be encountered and also seeks guidance in rescheduling.

This position has internal contacts with personnel from the Systems Inventory Sub-Unit. External contacts are with the staffs of City Engineers or County Superintendents of Highways for traffic count data.

The effectiveness of this position is measured by the accuracy of the counts taken and the care of the assigned equipment.

Principal Accountabilities

1. Set and adjust assigned traffic counter machines in the proper locations.
2. Make manual traffic counts according to schedule.
3. Perform intersection traffic studies.
4. Tabulate and code traffic data.
5. Care and maintain assigned equipment.
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.

Qualifications

Position Requirements

- 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

Position Desirables

- Ability to maintain harmonious relationships

Work Hours: 8:00 AM - 4:30 PM Monday - Friday

Work Location: 126 E Ash St Springfield, IL 62704-4766

Office: Office of Highways Project Implementation/Region 4/District 6/Program Development

Agency Contact: DOT.CONTACTHR@ILLINOIS.GOV

Job Family: Transportation; Sciences and Natural Resources

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