



**CURRENT EMPLOYMENT OPPORTUNITIES
QUALIFICATION SHEET**

This position is currently vacant within the Tollway.
The Human Resources Section will accept applications, with resumes from:

Resumes are required and must be submitted with the application.

August 18, 2014 through August 29, 2014

<u>DEPARTMENT</u>	<u>POSITION</u>	<u>SALARY</u>
Engineering	Bridge Inspection Engineer	\$65,000.00 - \$85,000.00 (G-6)

JOB QUALIFICATIONS:

To be selected for a position, an applicant must (1) meet the minimum requirements of the job posting, (2) pass a written exam (if applicable), (3) satisfy a background check (which may be extensive), (4) pass an oral interview, during which the interviewer(s) will further evaluate the applicant's qualifications and (5) provide certified transcripts, certifications, and/or license upon candidate processing and/or transfer, if the position requires a degree, certification, and/or license.

Internal Applicants who are current employees must have worked in their current position long enough to pass probation to be eligible to apply for the position. In addition, applicants are also subjected to an internal investigation which includes an evaluation of their work record, safety and discipline records, their performance assessments and time and attendance records (including late starts and early quits) for the preceding 12 months. (Authorized absences will not be included for purposes of assessing whether attendance is satisfactory.)

EDUCATION:

- Requires a BSCE degree from an ABET accredited college or successful completion of the Engineer-In-Training examination in the State of Illinois.

EXPERIENCE:

- One to two years' experience in Maintenance and /or Construction would be desirable.

THE FOLLOWING SKILLS AND ABILITIES ARE REQUIRED/DESIRED:

- An emphasis in structures at the college level would be useful.
- Knowledge of computers is also desirable.
- Ability to climb and inspect various types of bridges is required.
- Good written and oral communication skills are required.
- A main function of this position is to conduct site inspections at various Tollway facilities/Roads during regular work hours as well as subject to being "on-call". This is accomplished by incumbent use of a vehicle to travel to and from respective sites. Additionally reports to Central Administration as necessary. Visits of Tollway facilities may include meeting with Tollway employees and/or contractors. Therefore, a Valid Drivers License is required

Ways to apply

- **Online:** Complete the Illinois Tollway application, save it to the computer and email it to Jobs@getipass.com
- **In person:** Submit the completed application or pick up and complete the application at [Illinois Tollway Headquarters](#) located at 2700 Ogden Avenue in Downers Grove between 8:00 a.m. and 4:30 p.m., Monday through Friday.
- **By mail:** Send the completed application to:
Illinois Tollway – Human Resources
2700 Ogden Avenue
Downers Grove, IL 60515

This position may be subject to Random Selection. [Random Selection Interview Policy Link](#)

[Application Link](#)

All applications must be received by the application deadline indicated on the qualification sheet or Internet site

In compliance with the Americans with Disabilities Act (ADA), 42 U.S.C. 12101 et seq., and the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq., the Illinois Tollway actively takes steps to ensure that our employment application process is accessible to persons with disabilities. Any person with a disability who needs an accommodation for any portion of the application process is encouraged to contact the Tollway's ADA Coordinator, Lisa G. Williams, at (630) 241-6800 extension 1010, TTY (630) 241-6898, or at: lwilliams@getipass.com

If you have questions or would like to check the status of your application, please contact Human Resources at (630) 241-6800 extension 2333.

Bridge Inspection Engineer Position Description

POSITION PURPOSE:

This position is accountable for NBIS, PONTIS, Underwater and Special bridge inspections, as well as for providing information necessary to complete bridge condition reports and other bridge related inspections for all the bridges on the Illinois Tollway.

Dimensions

Number of Bridges 642

Annual Inspections Conducted 300

Dollar Value of Investment \$2 - \$3 Billion

NATURE AND SCOPE:

This position reports to the Senior Project Manager/ Engineering.

This position functions in an area where the accessibility to the structures requiring inspection is often difficult and dangerous and requires the use of specialty equipment and the latest technology to make certain that the information obtained leads to decisions about bridge condition that ensures the continued safe and economical movement of traffic. The fact that these highways carry three to four billion vehicle miles of traffic annually complicates the problem of developing and implementing an effective program of bridge inspection.

Typical problems encountered by the incumbent include: the physical inspection of all the bridges in the geographic area to ensure that prescribed time frames are met for NBIS, PONTIS, Special Inspection and mandated inspections. The greatest challenge to this position is providing quality inspection information that contributes to preserving the structural integrity and operating effectiveness of all the bridges in the assigned geographic area and that critical information detected during inspections is quickly made available to the appropriate decision makers.

The incumbent personally performs activities necessary to complete all required bridge inspections for the bridges in the assigned geographic area in conformance with prescribed deadlines and frequency. These inspections are complicated by several factors including: the extreme diversity of these bridges (from rural bridges to the world's busiest, from simple span to complex mechanical bridges); high traffic volumes, and severe resource and equipment constraints that require that bridge inspections be carefully scheduled, expedited, and undertaken with extreme technical ingenuity; with a continuous emphasis on safety, accuracy and timeliness. This position performs inspections in a safe manner, follows inspection schedules with quality results and that critical information concerning bridge deficiencies, need for maintenance or other factors are quickly analyzed and provided to those persons, agencies or department units which need to know the critical information in order to make timely decisions and/or repairs. The incumbent must ensure the proper use of personnel, equipment and other resources to complete the required inspection schedule. The incumbent prepares bridge inspection reports for bridges in the assigned geographic area; ensuring accuracy and timeliness.

The incumbent works within the established engineering guidelines for bridge inspection, however, considerable independent judgment is required when reviewing or performing bridge inspections and inspection reports. The incumbent performs duties within the constraints imposed by budget, department policies, union agreements, NBIS standards and seasonal weather conditions.

NATURE AND SCOPE (Continued)

a Frequent contact is maintained with consultants, the public, federal and other state and local agencies. Internally the incumbent maintains frequent contact with the Division of Maintenance and Traffic Operations.

The effectiveness of this position can be measured by the incumbent's ability to provide quality bridge inspections while meeting deadlines.

REQUIREMENTS:

- Requires a BSCE degree from an ABET accredited college or successful completion of the Engineer-In-Training examination in the State of Illinois.
- One to two years' experience in Maintenance and /or Construction would be desirable.
- An emphasis in structures at the college level would be useful.
- Knowledge of computers is also desirable.
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PRINCIPLE ACCOUNTABILITIES:

Principal Accountabilities

1. Performs annual bridge inspection programs including NBIS, PONTIS, Underwater and Special for the assigned geographic area.
2. Ensures inspection schedules are met.
3. Maintains technical expertise necessary to perform bridge inspections.
4. Provides critical information to the proper authorities in a timely manner.
5. Performs duties in compliance with Tollway safety rules. Performs all duties in a manner conducive to the fair and equitable treatment of all employees.