



Illinois Department of Transportation

Memorandum

To: DEPUTY SECRETARIES, DIRECTORS AND BUREAU CHIEFS
From: Becky Koehler
Bureau Chief of Personnel Management
Subject: Technical Vacancy
Date: September 20, 2018

Attached are the Position Summary Sheet and Position Description for the vacant technical position listed below. Please post this vacancy announcement September 25, 2018 in the designated areas.

The deadline for applicants to submit their applications for consideration is **4:30 p.m. on Thursday, October 25, 2018**. Applications will not be accepted after that time and date.

NOTE: Official college transcripts must be included with application. 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. Please include IPR number on the application. Please be advised that if a high volume of applications are received, the applications may be screened to establish a smaller pool of applicants for interview. The screening will be based on the information contained in the application.

If you have any questions, please contact the Bureau of Personnel Management at 217/782-5594.

CET (2 pos) Inspector/Assistant Resident Engineer (Trainee)
Region 5/District 8/Project Implementation
Office of Highways Project Implementation
Collinsville

Attachments
43126

*Illinois Department of Transportation (IDOT) considers official college transcripts to be original embossed transcripts in a sealed envelope from the university/college or in PDF format sent from the university/college directly to the Bureau of Personnel Management.

Technical Applications [PM1080 rev 6/1/17](#)****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 **Thursday, October 25, 2018**, 4:30 p.m. Please include address, daytime phone and position for which applying if not already listed on application. Applicants will be notified in writing to schedule interviews.

NOTE: Official college transcripts must be included with application. 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. Please include IPR number on the application. Please be advised that if a high volume of applications are received, the applications may be screened to establish a smaller pool of applicants for interview. The screening will be based on the information contained in the application.



Illinois Department of Transportation

An Equal Opportunity Employer

Position Summary Sheet

Classification:	Civil Engineer Trainee (2 Positions)	Salary:	\$4,275 - \$4,655*
Position Title:	Inspector/Assistant Resident Engineer (Trainee)	Union Position:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Position Number:	PW110-23-58-201-10-01	IPR#:	43126

Office/Central Bureau/District/Work Address:

OHPI / Region 5 / District 8 / Bureau of Project Implementation / 1102 Eastport Plaza Drive, Collinsville, IL

Description Of Duties:

This position assists in providing the contractor with the necessary layout and inspection required on highway improvement construction projects while operating within an environment that ensures the contractor provides a quality improvement in accordance with plans, specifications and special provisions in a timely manner. S/He serves on survey crews, inspecting construction operations such as earthwork, drainage, asphalt or concrete pavements, concrete, steel and other miscellaneous items involved in road and bridge construction, providing for necessary reports and documentation for pay items, reducing survey notes, plotting cross sections, computing quantities, checking computations of others, and assisting the Senior Resident Engineer on specific construction programs.

Special Qualifications:

Required:

- Bachelor of Science in Civil Engineering from an Accreditation Board of Engineering and Technology, Inc. (ABET) accredited university prior to date of employment or must be a Licensed Engineer Intern in the state of Illinois (includes those expecting to graduate in winter 2018/spring 2019)
- Minimum 2.5 cumulative GPA in engineering related courses (If GPA is between a 2.0-2.5, candidate must have passed Fundamentals of Engineering Exam.)
- Official college transcripts must be included with application. (Official transcripts indicating graduation date for winter 2018/spring 2019 graduates must be provided at time of hire.)
- Valid driver's license

Desired:

- Strong oral and written communication skills

Shift/Remarks:

8:00 am – 4:30 pm / Monday – Friday

THIS IS AN ENTRY-LEVEL POSITION THAT IS PART OF A ROTATION PROGRAM

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*Individual salary offers are computed based on an applicant's current position and experience level in comparison to the posted title as well as internal equity of staff in the organizational unit.

**Technical Application PM1080 (revised 6/1/17) is required. No previous version of the PM1080 will be accepted.

**ILLINOIS DEPARTMENT OF TRANSPORTATION
POSITION DESCRIPTION**

DATE:	August 2018	POSITION:	Inspector/Assistant Resident Engineer (Trainee)
APPROVED BY:	Jeffrey Keirn	OFFICE/DIVISION:	OHPI/Region 5/District 8/Project Implementation
CODE:	PW110-23-58-201-10-01	REPORTS TO:	Senior Resident Engineer

Position Purpose

This position is accountable for the layout, inspection, documentation and supervision required on various highway improvement construction projects. This is a training position.

Dimensions

Subordinate Personnel:	None Direct - may supervise 1 on an as needed basis
Value of Construction Projects:	Various

Nature and Scope

This position reports to the Senior Resident Engineer. This position reports to Resident Engineers or Technicians on a project basis. Upon occasion, this position may supervise one or more technicians. On a seasonal basis, this position is assigned to other bureaus.

This position assists in providing the contractor with the necessary layout and inspection required on highway improvement construction projects. This position operates within an environment of ensuring that the contractor provides a quality improvement in accordance with plans, specifications and special provisions in a timely manner.

Typical problems faced by the incumbent are in the interpretation of the plans and specifications while inspecting and directing the contractor's personnel in compliance with the specifications. The greatest challenge is to balance the application of civil engineering principles to field conditions.

Typical duties include serving in all capacities on survey crews, inspecting construction operations such as earthwork, drainage, asphalt or concrete pavements, concrete, steel and other miscellaneous items involved in road and bridge construction, providing for necessary reports and documentation for pay items, reducing survey notes, plotting cross sections, computing quantities, checking the computations of others and assisting the Senior Resident Engineer on specific construction programs. The above duties will be performed under the guidance and supervision of the Senior Resident Engineer or designated assistant. On a seasonal basis, this position is assigned to other bureaus and receives appropriate level activities.

The incumbent may supervise one or more technicians intermittently to help in surveying and/or inspection.

The incumbent is governed by the plans and specifications of the project. S/He refers major problems or necessary plan changes to the Senior Resident Engineer. S/He does, however, accept or reject materials incorporated in the project on the basis of visual or field tests and ensures that all materials have been properly inspected prior to being incorporated into the project. The incumbent is governed by the departmental safety code and is expected to perform the assigned work in such a manner as to ensure the safety of themselves, fellow workers and the public.

The incumbent has frequent contact with the Senior Resident Engineer, contractor personnel, other departmental personnel on the project, personnel from the district Bureau of Operations and Materials Section, and the general public. Travel may be required.

The effectiveness of this position will be measured by the timeliness and accuracy of layout, inspection and documentation provided by the incumbent.

Principal Accountabilities

1. Provides accurate and timely layouts.
2. Provides accurate measurement, computation, and documentation of contract items.
3. Keeps Senior Resident Engineer informed of any construction problems encountered or changes made.
4. Ensures that the items inspected are in accordance with the specifications.
5. Performs duties in compliance with departmental safety rules. Performs all duties in a manner conducive to the fair and equitable treatment of all employees.
6. Performs other duties as assigned