

TRAFFIC CONTROL ENGINEER

Recruitment #1606-1870-001

List Type Original

Requesting Department DPW-INFRASTRUCTURE-TRANSPORT

Open Date 6/15/2016

Filing Deadline 7/6/2016 11:59:00 PM

HR Analyst Lindsey O'Connor

INTRODUCTION:

What Milwaukee can offer YOU

Located on the western shore of Lake Michigan, Milwaukee is an urban hub bursting with energy. Milwaukee provides a casual sophistication – big city appeal without the big-city hassles. We are accessible and affordable, and our residents are welcoming. Milwaukee has evolved through the years, bringing together its unsurpassed old world charm with a breathtaking Art Museum, top-flight arts and cultural attractions, professional sports, lakefront festivals, recreational opportunities and great restaurants.

The City of Milwaukee offers a collaborative, positive work environment where each employee contributes to making the city the best place possible to live and work. The City offers a comprehensive benefits package, including a top rated pension plan, health and dental benefits, paid time off including vacation, 11 holidays and sick leave accrual, and much more.

PURPOSE:

This position will be filled at the level of Traffic Control Engineer I (PG 2EN) or Traffic Control Engineer II (PG 2GN), depending upon the qualifications of the candidate and the needs of the Department of Public Works.

Do you enjoy having variety in your work, where no two days are the same? Are you interested in being exposed to the street lighting technology of the future?

Working in the Traffic section of the Department of Public Works provides a flexible, technology-driven work environment. In this role the Traffic Control Engineer will work on a team to provide the public with safe, efficient travel through engineering design related to installation, operation and maintenance of traffic control signals and signal systems.

ESSENTIAL FUNCTIONS:

- Design the timing of traffic signals and offset relationships in signal systems.
- Prepare grant applications for non-traditional projects funded through various Federal Transportation Programs.
- Prepare Federal/Wisconsin Department of Transportation documents, and compile supporting information for federally funded projects.
- Analyze crash data, develop accident countermeasures, and prepare reports on crash mitigation strategies.

Traffic Control Engineer (DPW-Infrastructure-Transport)

- Perform roadway geometric design associated with Federal grant-in-aid projects and the City's Capital Improvement Project.
- Investigate and respond to complaints and requests made by elected officials and private citizens concerning traffic signal operations and traffic safety.
- Prepare specifications and assist in the purchase of traffic control equipment and materials. Review permit applications for work by private contractors.
- Prepare project estimates, plan and specifications and as-builts reviews.
- Review signal design preliminary engineering and as-builts.

Reasonable accommodations requested by qualified individuals with disabilities will be made in accordance with the Americans with Disabilities Act (ADA) of 1990, as amended by the Americans with Disabilities Act Amendments Act (ADAAA) of 2008.

MINIMUM REQUIREMENTS:

Traffic Control Engineer I and II:

1. Bachelor's Degree in engineering with an emphasis in transportation or traffic engineering.

IMPORTANT NOTE: To receive credit for college, transcripts are required and must be received by the application period closing date. College transcripts should be attached to your online application. Applications without transcripts attached will be considered incomplete and will be rejected.

Your transcript must be legible and include the following information: the university or college name, your name, the degree completed (if applicable) and the date the degree was completed. Student copies are acceptable.

2. Valid driver's license at time of appointment and throughout employment.

Traffic Control Engineer II

3. One year of professional transportation or traffic engineering experience.

KNOWLEDGES, SKILLS, ABILITIES & OTHER CHARACTERISTICS:

- Knowledge of traffic and transportation engineering.
- Written communication skills to develop professional reports, presentations, emails and letters.
- Interpersonal skills to effectively work with diverse individuals inside and outside the organization.
- Time management skills to accomplish work and meet deadlines.
- Organizational skills to plan and coordinate work.
- Analytical skills to review data to determine trends and make recommendations.
- Ability to use computer programs such as MS Word, MS Excel, and Microstation.
- Ability to manage multiple projects at the same time.
- Ability to work on a team and independently.

Traffic Control Engineer (DPW-Infrastructure-Transport)

- Ability to handle effectively and with tact inquiries from elected officials, the public and other city departments.

CURRENT SALARY:

Traffic Control Engineer I

The current starting salary (PG 2EN) for City of Milwaukee residents is \$51,358 annually, and the non-resident starting salary is \$50,098. Appointment above the minimum is possible with approval.

Traffic Control Engineer II

The current starting salary (PG 2GN) for City of Milwaukee residents is \$58,373 annually, and the non-resident starting salary is \$56,941. Appointment above the minimum is possible with approval.

SELECTION PROCESS:

THE SELECTION PROCESS will be job related and will consist of one or more of the following: education and experience evaluation; written, oral, or performance tests, or other assessment methods. The Department of Employee Relations reserves the right to call only the most qualified candidates to oral and performance examinations. Oral examinations may include written exercises. Selection process component weights will be determined by further analysis of the job.

INITIAL FILING DATE - The examination will be held as soon as practical after **July 6, 2016**. Receipt of applications may be discontinued at any time after this date without prior notice. However, recruitment may continue until the needs of the City have been met. Qualified applicants will be notified of the date, time, and place of the examination. Unless otherwise required by law, the City of Milwaukee will not provide alternative test administration. The applicant is responsible for attending all phases of the job selection process at the time and place designated by the City of Milwaukee.

NOTE: *For current information regarding the status of the City of Milwaukee's residency requirement, please visit the Department of Employee Relations' Website: www.milwaukee.gov/DER. Please call 414.286.3751 if you have questions regarding your individual circumstances as part of the application and/or selection process.*