

TRAFFIC CONTROL ENGINEER

Recruitment #1508-1870-001

List Type Original

Requesting Department DPW-INFRASTRUCTURE-ELECTRICAL

Open Date 9/3/2015

Filing Deadline 10/2/2015 11:59:00 PM

HR Analyst Lindsey O'Connor

INTRODUCTION

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.

PURPOSE

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.
- 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*

Traffic Control Engineer (DPW-Infrastructure – Electrical)

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.

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

Traffic Control Engineer II ONLY:

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

KNOWLEDGES, SKILLS, ABILITIES AND 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.
- 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.
- **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.

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 **September 24, 2015**. 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: The City's residency requirement set forth in City Charter 5-02 is under litigation. Even though the City is legally able to enforce the current residency requirements based on a recent Wisconsin Court of Appeals decision, the City has agreed to continue to suspend enforcement of the ordinance during the time it may take to know whether the Wisconsin Supreme Court will review the case. Once the Supreme Court refuses review or affirms the Court of Appeals decision, the City intends to fully enforce the ordinance. Consequently, employees who disregard the requirements of the ordinance do so at their own risk. Applicants for City of Milwaukee positions should understand the City's commitment to its residency requirement. During this period of uncertainty it is important to take that into account when submitting an application and more importantly when deciding to accept an employment offer. Please contact (414) 286-3751 if you have questions regarding your individual circumstances as part of the application and/or selection process.***