

CITY OF MINNEAPOLIS
invites applications for the position of:

Traffic Systems Integrator

SALARY:	\$72,140.64 - \$99,274.24 Annually
JOB TYPE:	Full-time
DEPARTMENT:	Public Works - Traffic & Parking Services
LOCATION:	300 Border Avenue North, Minneapolis
VACANCIES:	1
CLOSING DATE:	07/26/21 11:59 PM
POSTING TYPE:	Open to the public

POSITION DESCRIPTION:

As the largest and most vibrant city in the state, Minneapolis depends on purposeful, dedicated and innovative employees. Minneapolis has a large variety of careers for people of all experiences and backgrounds who come together for a singular purpose—serving the residents, businesses and visitors of Minneapolis.

Assess business practices and technology products, provide operational data that supports the needs of the department and perform technical application support, maintenance, and development services for departmental systems.

The Traffic Systems Engineer will manage the traffic communication network and related devices in coordination with traffic engineers, electricians, and Traffic Management Center staff.

JOB DUTIES AND RESPONSIBILITIES:

- Analyze, design, develop, implement, and support business and critical applications.
- Design and Implement departmental information technology solutions and recommend improvements that optimize performance.
- Provide analysis and support of databases, domain, and network infrastructure.
- Plan and manage application upgrades and maintenance releases into production, preparing specifications, testing and implementation plans.
- Act as a vendor technical liaison assisting staff, operators, and other technical staff in resolving application software issues.
- Manage assigned projects, schedule and chair meetings, assign tasks, and give progress updates to management.
- Provide documentation of system solutions across and maintain multiple software environments including testing and production.
- Proactively troubleshoot servers, complex hardware and software to ensure reliable performance.
- Coordinate software change requests and help establish quality assurance policy and practices.
- Plan for and participate in upgrades and installations for multiple platforms.
- Write comprehensive, accurate and complete technical specifications derived from detailed business requirements.

- May perform one to one training or develop and implement training plans.

REQUIRED QUALIFICATIONS:

Minimum Qualifications:

Bachelors Degree in Computer Science or equivalent specialized training

Minimum Experience:

Five years work experience performing similar duties, including software design, development and systems integration, and experience diagnosing complex problems.

Equivalency: An equivalent combination of related education and experience may be considered.

Selection Process: The examination/selection process for this position may consist of a rating of training and experience and/or an oral exam (100%). Since the examination selection process may consist of a rating of training and experience, it is to your advantage to be as complete and thorough on your application form, supplemental application (if applicable) and other support documentation/materials as is possible. Minimum passing score is 70.00.

Interview Selection: The hiring authority reserves the right to determine the maximum number of candidates to interview from the established eligible list. If the hiring authority decides to interview other than by exam score order, they may select additional people to interview based on a candidate's education or experience related to the field, work history, or skills uniquely related to the operational needs of the position.

Background Check: The city has determined that a criminal background check and/or qualifications check may be necessary for certain positions with this job title. Applicants may be required to sign an informed consent form allowing the City to obtain their criminal history and/or verify their qualifications in connection with the position sought. Applicants who do not sign the informed consent form will not be considered further for the position.

Union Representation: This position is represented by a collective bargaining agreement between the City of Minneapolis and the Minneapolis Professional Employees Association. For more information on the terms and conditions of this agreement please visit: <http://www.minneapolismn.gov/hr/laboragreements/index.htm>

Eligible List Statement: The names of applicants who meet minimum qualification and who pass the screening process shall be placed on the eligible list for employment consideration. This list will be certified to the hiring manager who may use the list to fill a vacancy of the same job title. This eligible list will expire three (3) months after it has been established.

WORKING CONDITIONS: Normal office setting and work on field devices

KNOWLEDGE, SKILLS AND ABILITIES:

- Advanced education preferred
- Some positions will require a criminal background check.
- Considerable specific knowledge of the applications and technology used in the area assigned.
- Previous experience working with business application vendors and their software (TACTICS,

ITERIS, Polara, Salient, etc).

- Considerable knowledge of systems technology and skills in application design, development, and systems integration.
- Prior experience with relevant hardware, operating systems, networking, and applications is highly desirable. The ability to quickly become proficient in these areas is required.
- Good knowledge of query languages and related tools, including DBMS (Oracle and SQL Servers) .
- Previous SCADA or control systems experience a plus.
- May require considerable knowledge of the operational activities of the department to which assigned.
- Ability to supervise and manage all aspects of systems operations.
- Ability to keep current on evolving technology, including both hardware and software.
- Strong interpersonal skills.
- Strong customer service skills.
- Developed problem solving skills.
- Strong and written and verbal communication skills.
- Ability to work independently, ability to analyze, develop and implement application software; ability to effectively prioritize and schedule multiple assignments.
- Ability and desire to be aware of, learn, and adapt to current and relevant new technology in both hardware & software.

APPLICATIONS MAY BE FILED ONLINE AT:
<http://www.minneapolismn.gov/jobs>

Position #2021-00336
TRAFFIC SYSTEMS INTEGRATOR
DB

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