



City of Grand Rapids
Intelligent Transportation Systems Technician

SALARY	\$38.69 - \$47.77 Hourly \$80,484.00 - \$99,357.00 Annually	LOCATION	509 Wealthy Street SW, MI
JOB TYPE	Permanent	JOB NUMBER	902-0126
DEPARTMENT	Traffic Safety	OPENING DATE	01/07/2026
CLOSING DATE	1/22/2026 11:59 PM Eastern		

Nature of Work

An Intelligent Transportation Systems (ITS) Technician performs highly skilled technical work to support a Supervisory Control and Data Acquisition (SCADA) system. This role provides seasoned dual-skillset technical and electronics support responsibilities to maintain a highly secure network for public transportation and safety. Work assignments are broad in scope and require the use of seasoned judgment to make complex technical decisions. Work must adhere to both departmental policies and organizational best practices for network configuration and management. Major technical or policy problems are discussed with a superior before acting. May oversee work of contractors and vendors on assigned projects.

Essential Duties and Responsibilities

The intent of this job description is to provide a representative summary of the major duties and responsibilities performed by employees in this job. Employees may be requested to perform job-related tasks other than those specifically presented in this description.

- Provides broad high-level technical support to maintain a Transportation Management Center and Advanced Traffic Management System.
- Installs and maintains network components such as network switches, routers, broadband radios, and cellular routers.
- Monitors and troubleshoots network stability and performance, conducts failure analyses of components.
- Programs and troubleshoots traffic signal controllers.
- Performs minor repairs on electronic equipment and provides troubleshooting assistance to other personnel as required.
- Installs and maintains software for traffic management, adaptive traffic control systems, automated traffic signal performance measures, vehicle detection systems, emergency vehicle preemption and transit priority systems, connected vehicle systems, utility damage prevention and other needs as required by the department.
- Maintains up-to-date documentation and writes technical support documentation for network systems and applications.
- Recommends, tests, and implements system and security upgrades.
- Creates, adjusts, and maintains network user and software settings and permissions.
- Maintains current working knowledge of industry best practices for network components.
- Performs other related duties as assigned.

Minimum Training and Experience

Required Education and Experience

- Associate's degree in computer information systems, or manufacturing and applied technology, or related field.

--AND--

- Four (4) years of directly relevant experience in computers and electronics; or an equivalent combination of training and experience.

-- OR --

- An equivalent combination of training, education, and experience that provided the required skills, knowledge and abilities.

Required Licenses or Certifications

- Possession of a valid Michigan driver's license.

Preferred Licenses or Certifications

- Cisco Certified Support Technician (CCST) certification.

Other Necessary Qualifications

Knowledge of:

- Network topology and security, including wired and wireless networks.
- Troubleshooting and repair of Ethernet switches, broadband radios, and cellular routers.
- Traffic signal timing parameters and settings.
- Principles and techniques of fiber optic cable terminations and splicing.
- Principles of electronics.
- The Manual on Uniform Traffic Control Devices (MUTCD).

Skill in:

- Microsoft Windows operating system.
- Microsoft Office Suite.
- Windows command line (DOS).
- Microsoft Windows Server 2008 and forward.
- Cisco switches and routers.

Ability to:

- Work from sketches, blueprints, instruction manuals, circuit schematics; both oral and written instructions.
- Establish and maintain effective working relationships with other employees, representatives of local agencies, contractors, vendors, and the general public.
- Communicate effectively, both orally and in writing.
- Provide oversight to other personnel, contractors, and vendors on relevant work tasks.
- Work outdoors in all weather conditions.

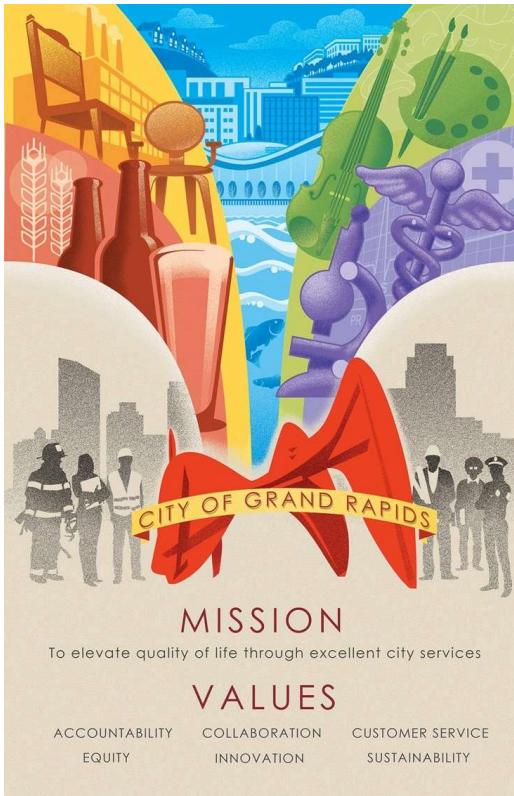
Other Information

<https://www.youtube.com/embed/2dR4v8x-iZY?&wmode=opaque&rel=0>

We Offer:

- Medical, Dental, and Vision starting on Day 1
- 6% employee 401a contribution with employer matching (6% or 7% based on bargaining unit)
- Employee & Employer contributions to Retiree Health Savings Account

- Voluntary benefits such as term life insurance, flexible spending accounts, accidental insurance, disability insurance, and deferred compensation plan options
- Twelve Paid Holidays
- Paid Vacation and Sick Time
- Paid parking (if applicable)
- Employee Home Ownership Incentive
- Tuition Reimbursement and professional development opportunities
- Paid Parental Leave
- Employee Assistance Program with free mental health counseling
- Comprehensive Wellness program with a health and wellness incentive
- Employee Discounts and Perks



Should an applicant need any disability related accommodation or other consideration in the application or selection process, please notify the human resources department upon submittal of application.

The City of Grand Rapids does not discriminate in employment on the basis of race, color, religion, sex (including pregnancy or gender identity), national origin, political affiliation, sexual orientation, marital status, disability, genetic information, age, membership in an employee organization, retaliation, parental status, military service, or other non-merit factor.

Please Note:

This position is subject to the provisions of the applicable collective bargaining agreement and all relevant civil service rules. For additional information, links to union agreement and Civil Service Rules are provided below.

Collective Bargaining Agreements

Civil Service Rules

Employer

City of Grand Rapids

Address

300 Monroe Ave, NW
8th Floor, Room 880
Grand Rapids, Michigan, 49503-2206

Phone

(616) 456-3176

Website

[http://www.grandrapidsmi.gov/jobs/human-resources-
Department](http://www.grandrapidsmi.gov/jobs/human-resources-Department)

Intelligent Transportation Systems Technician Supplemental Questionnaire

*QUESTION 1

Do you possess an associate's degree in computer information systems, or manufacturing and applied technology, or a related field?

- Yes
- No

*QUESTION 2

If you answered "Yes" to the previous question, please identify the field of study of your associate's degree. If you answered "No", please write N/A.

*QUESTION 3

Do you possess four (4) years of directly relevant experience in computers and electronics?

- Yes
- No

*QUESTION 4

If you answered "Yes" to the previous question, please describe your experience. If you answered "No", please write N/A.

*QUESTION 5

Do you possess a valid State of Michigan Driver's license, or a valid driver's license from another State, that can be transferred to Michigan upon employment?

- Yes
- No

*QUESTION 6

Do you possess a Cisco Certified Support Technician (CCST) certification?

- Yes
- No

* Required Question