



## JOB DESCRIPTION

**Title:** GIS Coordinator

**Department:** Information Technology

**Reports to:** Information Technology Director

**Pay Grade:**

**Date Adopted:** July 3, 2023

**Revision Date:** February 7, 2025

**Last Revision Date:**

**Type:**  Full Time

Part Time

**FLSA:**  Exempt  Salary

Non Exempt  Hourly

**Union:**  Yes

No

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### Job Summary:

Oversee the development, implementation, and management of the City's Geographic Information System (GIS). This position is responsible for maintaining accurate spatial data, supporting various City departments with mapping and spatial analysis, and leveraging GIS technology to enhance operational efficiency and decision-making across the organization.

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### Essential Functions:

1. Serve as the primary contact for GIS-related inquiries and troubleshooting. Promote GIS technology and its applications within city operations.
2. Interact with Federal, State, County, City, and other agencies on the exchange and utilization of GIS information, including the development of protocols for the City and County GIS system.
3. Design, implement, and maintain the City's GIS database, including spatial and tabular data.
4. Collaborate with departments to identify GIS needs and develop tailored solutions.
5. Produce high-quality maps, reports, and visualizations to support city planning, public works, utilities, and other departments.
6. Develop and maintain interactive web-based GIS applications for public and internal use.

7. Acquire and update spatial data through field collection, aerial imagery, and third-party sources provided to them.
8. Compile geographic data from a variety of sources including censuses, field observation, satellite imagery, aerial photographs, and existing maps. Enter new map data by direct input of coordinate information, including coordinate systems, longitude, latitude, elevation, topography, and map scales.
9. Provide budgetary information and recommendations regarding equipment and software purchases and applications. Review and make recommendations concerning services and equipment requisitions.
10. Keep current on developments and trends in information technology, computer systems, security and systems management.
11. Respond to emergencies; coordinate manpower and equipment including the emergency procurement of materials, supplies, equipment, and workers from available sources.
12. Attend professional development conferences, seminars, and classes.
13. Employee must be able to be "on-call".
14. Report to work within thirty-five (35) minutes for emergencies under normal driving conditions, as required.
15. Employee must be able to work extended hours in an emergency.
16. Operate Microsoft Word, Excel, Power Point, Gmail, etc.
17. Operate basic office machines such as copy machine, computer, calculator, fax machine, cash register, etc.
18. Keep confidential information confidential.
19. Serve on City phone bank and provide administrative support as needed during Emergency Operations.
20. Work the days and hours necessary to perform all assigned responsibilities and tasks. Must be available (especially during regular business hours or shifts) to communicate with subordinates, supervisors, customers, vendors, and any other persons or organizations with whom interaction is required to accomplish work and employer goals. Work may occur after normal business hours.
21. Punctual and timely in meeting all requirements of performance, including, but not limited to, attendance standards and work deadlines; beginning and ending assignments on time; and scheduled work breaks, where applicable.
22. Perform other work which is consistent with the essential functions of the job.

23. Perform other duties as assigned.

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**Education and Special License(s)/Certifications:**

Associate degree in Geographic Information Systems (GIS) or a closely related field, with significant course work in GIS and/or Data Management.

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**Experience:**

Any combination of training and experience equivalent to three (3) years of experience in which duties primarily consisted of ESRI GIS, Data Management, and experience in relational databases, including PostgreSQL & MS-SQL databases in a client-server environment preferred.

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**Skills:**

1. Proficiency in GIS software (ArcGIS Pro, ArcGIS Online).
  2. Knowledge in programming and scripting languages (Python).
  3. Familiarity with web mapping technologies (ESRI Web AppBuilder).
  4. Understanding of GPS technology and data collection methods.
  5. Effective oral and written communication skills.
  6. Good listening skills.
  7. Ability to perform basic math and accounting skills.
  8. Organizational skills.
  9. Analytical skills.
  10. PC computer skills. (Windows-based word processing and spreadsheet software skills).
  11. Manual dexterity.
  12. Ability to work in environment with constant interruptions.
  13. Good typing and data entry skills.
  14. Reading.
  15. Good customer/public relations.
  16. Ability to work independently.
  17. Working knowledge of word processing, email, and calendaring computer software applications.
  18. Excellent interpersonal skills.
  19. Excellent grammar, punctuation, spelling, and proofreading skills.
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**Mental Requirements:**

1. Ability to read and comprehend city, state, and federal regulations.
2. Ability to analyze complex problems and recommend possible solutions.
3. Ability to communicate effectively with staff, elected officials, and others.
4. Diplomacy and judgement.
5. Ability to organize files and retrieve data effectively.
6. Ability to learn and understand PC software applications.
7. Alpha and numeric recognition.
8. Ability to prioritize work.
9. Logical reasoning.

10. Patience.
  11. Ability to carry out assignments through oral and written instructions.
  12. Concentration.
  13. Accounting principles.
  14. Ability to compute basic math computations.
  15. Ability to work on several projects at once.
  16. Ability to read and comprehend City policies and ordinances, State, and Federal laws and regulations.
  17. Ability to train and guide others.
  18. Ability to exhibit tact, diplomacy, and judgment when dealing with co-workers, other City employees, and external contacts.
  19. Ability to analyze complex problems and recommend possible solutions.
  20. Ability to multi-task.
  21. Ability to work under pressure.
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**Physical Requirements:**

1. Ability to lift 20 pounds and transport 20 feet.
  2. Ability to make and receive phone calls.
  3. Visual stamina and acuity adequate to review alpha/numeric data and spend long periods looking at computer screen.
  4. Ability to operate basic office machines such as copy machine, computer, calculator, fax machine, cash register, etc.
  5. Hand and eye coordination adequate to input computer data and operate various office equipment.
  6. Ability to sit and be attentive for extended periods of time.
  7. Travel outside of office locally.
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**Supervisory Responsibility (Direct and Indirect):**

Direct        None

Indirect     None

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**Disclaimer:**

This job description is intended to convey information essential to understanding the scope of the job and the general nature and level of work performed for individuals with this job title. However, this job description is not intended to be an exhaustive list of all qualifications, skills, efforts, duties, responsibilities, or working conditions associated with the position.

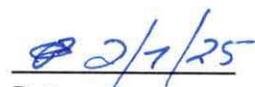
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Approved:



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Tobias J. Tempelmeyer, City Administrator

  
Date