



## Job Description

<b>Job Title:</b>	<b>GIS Specialist</b>	<b>Department:</b>	Department of Public Works		
<b>Date Issue:</b>	May 22, 2017	<b>Reports To:</b>	City Engineer		
<b>FLSA Classification:</b>	Non-Exempt	<b>Wage:</b>	Salary Grade 6		
			<b>Minimum</b>	<b>Midpoint</b>	<b>Maximum</b>
		As of 2017	\$42,709	\$53,386	\$64,064

## Position Summary

Under the general supervision of the City Engineer with the Public Works Department, the Geographic Information System ("GIS") / Project Specialist is responsible for performing various duties related to the development and maintenance of the City's GIS, including coverage creation, database development, quality control and output. In addition, the position will support miscellaneous departmental needs, including assisting or leading project research in areas both within the Engineering Division, as well as other divisions within the Department of Public Works.

## Supervision Received

Works under the direction of the City Engineer.

## Supervision Exercised

No supervision over other employees.

## Essential Duties & Responsibilities

1. Assists in the development by either working independently or with a team to develop, maintenance, coordination and support of the City's GIS to advance the goals of the City's mapping and reporting needs. This includes digital map production, maintenance, and database activities that support the relevant geographic data.
2. Assists in the department in the development or creation of special projects or assignments.
3. Develops arc, polygon and point geographic coverages through the use of digitization and coordinate geometry under the ARC/GIS ESRI software program on the Windows Platform environment.
4. Prepare digital data request for internal and external customers.
5. Create other digital and hardcopy maps for other government offices both within and outside the city to support daily office functions, public hearing meetings and other governmental meetings.
6. Researches and obtains source documents necessary to accurately develop geographic and analytical data. Obtaining this documentation through significant interaction with various departments and agencies.
7. Create daily customized mapping products utilizing cartographic skills to portray data in an understandable format for the general public, interoffice use and other government offices both within and outside the City of Sheboygan (orthophotos, site plans, etc).
8. Consults with Information Systems staff to utilize/manipulate information currently stored on the AS400 Mainframe within the GIS software.

9. Develops/assists in development of programs in order to streamline geographic data entry and analysis.
10. Prepare and maintain user and system documentation for all data acquisition and processing to include metadata development for all coverages.
11. Stays current with trends and developments in GIS software in order to remain current with changes and growth of GIS, both within the city operations and market trends.
12. Assist general public and office personnel with accessing land records information.
13. Analyzes data, prepares reports, memoranda and correspondence.

#### **Qualification Requirements:**

14. Friendly, positive, cooperative professional, able to work with internal and external employees, vendors, and citizens in a professional capacity.
15. Ability to create, prepare and present reports covering a variety of department needs.
16. Ability to work effectively under tight time constraints.
17. Ability to communicate effectively, both orally and in writing with individuals both inside and outside the organization.
18. Ability to adapt to the needs of the department.

#### **Education and/or Experience**

19. Bachelor's Degree from an accredited college or university with major coursework in Geographic Information Systems, geography, computer science or urban and regional planning, plus a minimum of two years of experience with GIS, ARC/INFO and ARCVIEW software is preferred.
20. Knowledge of Geographic Information System (GIS) and cartographic principles and techniques, ARC/INFO and ARCVIEW software. Extensive working knowledge of G.I.S. methods and procedures for input, processing output, and development of applications. Ability to work independently with minimal direction, ability to pay close attention to detail and to interact effectively with the general public and office staff. Knowledge of AutoDesk drafting and mapping products would be a plus.
21. In evaluating candidates for this position, the City may consider a combination of education, training and experience which provides the necessary knowledge, skills and abilities to perform the duties of the position.

#### **Essential Physical Functions/Needs of the Job**

22. The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job, including sitting, standing, vision, talking, and occasional lifting.
23. Reasonable accommodations may be made to enable qualified individuals with disabilities to perform the essential functions.

#### **Pre-employment Requirement**

24. Position is contingent on the individual passing a pre-employment drug screen.

The City of Sheboygan, Wisconsin is an Equal Opportunity Employer

In compliance with the Americans with Disabilities Act, the City of Sheboygan will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer.