



# GIS/Engineering Technician

Explore. Thrive. Belong.

*Jefferson County is the Heart of the Heartland. We offer the best of Wisconsin living with safe, family oriented, vibrant business and civic communities surrounded by picturesque farmland. Jefferson County is proud of our small-town living options and easy access to major urban centers.*

This position is responsible for assisting the Operations Manager and other Highway Department supervisory staff in maintaining highway related geographical information systems (GIS) and performing civil engineering technical work concerning design, construction, and maintenance activities for county and state highway systems.

## SOME ESSENTIAL RESPONSIBILITIES

You will be successful in this role by completing the following tasks and responsibilities:

- Develops and maintains various highway databases and geographical information systems (GIS) which may include pavements, bridges, culverts, signs, barriers, pavement marking, plow routing, etc., and assists with advancing automation and promoting open and transparent information development.
- Digitizes and creates transportation-related features using field collected data, aerial and satellite imagery and other GIS data sets. Maintains accuracy and quality control of data, and edits data to produce various maps and graphic products.
- Prepares, processes, and evaluates survey data for location and construction surveys sufficient to meet project deadlines with accurate and effective data.
- Processes data using CADD drafting and computational software producing maps in a timely manner, ensuring accuracy standards are maintained.
- Assists with field inspection of bridges, culverts, pavements, etc. for updating infrastructure conditions in all GIS databases.
- Performs field and office survey work for bridge, road, or other public works projects.
- Supports Highway Department permitting by inspecting and reviewing driveway, utility, moving, and right-of-way permits.  
Obtains and maintains a drone license; use drone for 3D modeling, inventory measurement, project monitoring, and public education.

## Requirements:

- Associate's Degree in Civil Engineering Technology or related field, including GIS course work.
- 4 – 5 years' experience with ArcGIS/ArcView and Database software, AutoCad/Civil 3D, GIS software and WisDOT design standards.

## Preferred Requirements:

- Bachelor's Degree in related field.
- 2 – 3 years of experience.

## Other Requirements – Certificates/Licensures

- Valid Wisconsin Driver's License.
- Must successfully pass a criminal background check



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## **Wage & Benefits**

Rate of pay \$30.83-\$34.37 dependent on experience and qualifications.

## **Benefit Highlights**

- Paid Vacation
- Health insurance
- Health insurance Opt Out Plan
- Dental & Vision insurance
- Life insurance
- Wisconsin Retirement System
- Health Savings Account
- Deferred Compensation Program
- Group Life insurance
- Short & Long Term Disability

## **Employees at Jefferson County Value**

- Competitive Pay
- Excellent Benefits
- Great Coworkers
- Flexibility
- Advancement & Opportunity
- Family Culture

**HOW TO APPLY:** For a full job description and link to apply online, please visit the County's web site at [www.jeffersoncountywi.gov](http://www.jeffersoncountywi.gov)  
*Jefferson County is an Equal Opportunity Employer*