

## **Job Opening: Design Engineer - Water Resources**

**Location:** Port Huron, MI (On-site)

**Type:** Full-Time

**Experience Level:** Entry-Level (0–3 years)



### **About the Role**

BMJ Engineers & Surveyors is seeking a motivated and detail-oriented Design Engineer to join our growing Engineering team. Whether you're a recent graduate or early-career engineer, this position is an excellent opportunity to gain hands-on experience in a collaborative setting while working on important civil and environmental infrastructure projects throughout the region.

### **What You'll Do**

You'll support experienced engineers in planning and executing a wide range of water resources and civil design projects, including:

- Stormwater drainage and flood control design
- Stream and river restoration
- Dam inspections, maintenance and repair
- Stormwater management plans

### **Key Responsibilities:**

- Assist with preparation of design plans, technical calculations, construction drawings, and specifications
- Conduct hydrologic and hydraulic analyses (e.g., using HEC-RAS, and HEC-HMS)
- Draft and review construction documents and permit applications
- Perform field investigations, site visits, and limited construction observation
- Support internal team coordination and occasional client meetings
- Utilize AutoCAD Civil 3D and ArcGIS for drafting and spatial analysis
- Perform cost estimating, quantity takeoffs, and report writing
- Uphold company ethics, standards, and quality controls

### **Who You'll Work With**

- Reports directly to a Senior Project Engineer or Project Engineer
- Collaborates closely with survey crews, design technicians, and field inspectors
- May assist in guiding CAD or junior technical staff, as appropriate

### **What You Bring**

- Bachelor's degree in Civil or Environmental Engineering (or related field)
- 0–3 years of relevant experience (internships/co-ops count)
- Familiarity with AutoCAD Civil 3D, ArcGIS, and common hydraulic modeling software

- EIT certification preferred or ability to obtain within 6 months
- Excellent communication and documentation skills
- Enthusiasm for water resources, public infrastructure, and learning from senior mentors
- Willingness to relocate to or reliably commute to Port Huron, MI

### **Why BMJ?**

**At BMJ Engineer's & Surveyors, we offer the best of both worlds: a respected firm with decades of experience, and a modern workplace culture that values flexibility, innovation, and mentorship.**

### **Benefits include:**

- Health, dental, and vision insurance
- 401(k) with company match
- Paid vacation and holidays
- Professional development support
- A welcoming team that values your growth and contributions

### **Ready to Join Us?**

Send your resume and a brief cover letter to [careers@bmjinc.com](mailto:careers@bmjinc.com).