BOLTON & MENK

Real People. Real Solutions.

INTELLIGENT TRANSPORTATION SYSTEMS (ITS)

Improving our roads with technology

Bolton & Menk boasts one of the largest dedicated ITS teams in the Midwest. With more than a century of combined experience in ITS planning, design, implementation, testing, operations, and maintenance, we leverage lessons learned from past projects to deliver high-quality solutions for our clients. Our extensive expertise spans from concept development to Plans, Specs, and estimates, construction, and testing of ITS deployments nationwide. Our team assists agencies in implementing technology systems along their roads to enhance safety and mobility, all while staying within budget, including

- Fiber optic cable and wireless communication networks
- Cameras
- Vehicle detectors
- Weather sensors
- Dynamic message signs (DMS)

- Variable speed limits
- Ramp meters
- Dynamic warning systems
- Dynamic lanes
- Queue warning systems

Benefits

- **Safety** - Sensors can detect issues in real-time, using DMS to disseminate important real-time warnings to drivers
- **Mobility** - Various ITS solutions can be implemented to help smooth traffic flow within the current roadway footprint
- **Traffic Incident Management** - Cameras and detectors enable quicker and more accurate identification of issues, ensuring a swift response and faster traffic clearance

Why Bolton & Menk

Our ITS team is composed of seasoned professionals who bring a wealth of knowledge and expertise to every project. With a deep understanding of ITS and a proven track record of successful implementations, we are well-equipped to handle projects of any scale and complexity. Our team's extensive experience ensures that we can provide innovative and effective solutions that meet the unique needs of our clients, enhancing safety, efficiency, and overall transportation infrastructure.

CONTACT   Jake Folkeringa, PE, Transportation Senior Project Manager   Jacob.Folkeringa@bolton-menk.com   Bolton-Menk.com

C_275_013125