



INTELLIGENT TRANSPORTATION SYSTEMS AND SECURITY

What's not to like about technology that increases safety, mobility, efficiency, and security on our roadways?

Intelligent Transportation Systems (ITS) offer new ways to address transportation problems, such as incident management, weather delays, and safety issues. With the expansion of federal ITS and Homeland Security funding for transportation and emergency services technologies and systems, Olsson Associates expects ITS to be a significant focus of state and local transportation agencies well into the future.



INTELLIGENT TRANSPORTATION SYSTEMS AND SECURITY | SERVICES

- Regional and Project Architecture
- Needs and Feasibility Studies
- Stakeholder and Public Involvement and Outreach
- Signal System Feasibility Studies and Design
- Fiber and Wireless Communications Studies and Design, Center to Center, Center to Roadside, Center to Vehicle, Vehicle to Roadside
- Arterial Transportation Management System (ATMS) Design
- Dynamic Message Sign (DMS) System Design
- Closed-Circuit Television (CCTV) System Design
- Freeway Management System Studies and Design
- Traffic Operations Center (TOC) Studies and Design
- Systems Engineering, Technical Integration, and Testing
- ITS Software
- Development, Evaluation, and Testing
- Project Management
- Benefit/Cost Evaluation
- Construction Oversight and System Performance Testing and Validation
- Data Network Planning, Design, Implementation, and Testing
- Railroad Advanced Detection and Warning Systems, Studies, and Design
- ITS Operations and Maintenance
- ITS Design-Build Services

Olsson Associates offers complete planning, design, and implementation services for ITS projects using a client-focused systems engineering process. Our staff combines expertise in planning and design with electrical, technology, and computer systems engineers, traffic engineers, stakeholder outreach experts, and talented technical support staff. This allows ITS projects to be executed from conception through ongoing operations.

