John Olsson started Olsson Associates in 1956 on the ideals of passion, innovation, and creativity. But he realized he couldn’t do it alone. Working with others was critical to his success and today, that collaborative spirit is still at the core of Olsson Associates.

We know that how we work together makes the difference in the solutions we deliver. We’re more than a company of individuals; we’re a team of problem solvers. We see problems as opportunities for creativity. The process of finding the right answer is different for every client and every project. This idea of collaboration affects how we think, act, and work as a team. It means we’re able to uncover what works best, balancing each client’s unique needs along the way.

Ideal collaboration means communicating what works, what doesn’t, and what might. Combining our fresh approach with our technical expertise, we’re able to look at projects and our clients’ needs from all angles. And, in coming up with collaborative solutions, everyone comes out ahead. We challenge ourselves to continually solve problems in new ways and, in doing so, our clients become a part of a unique process in which they’ve been able to realize more from their budgets and other resources.

Olsson Associates offers airport consulting, automation and technology, civil engineering, community consulting, construction observation, environmental, GIS, intelligent transportation systems, land development, landscape architecture, mapping, mechanical/electrical/fire protection, power electrical, specialty lighting, structural, surveying, traffic, transportation, urban planning and design, water resources, geotechnical/materials testing, water/wastewater services.

Our firm employs more than 1,000 staff members, including professional engineers, engineers-in-training, registered landscape architects, registered land surveyors, professional planners and designers, scientists, and support staff made up of highly trained technical personnel with broad experience in all phases of engineering design and construction phase services.
Our traffic engineers and transportation planners are constantly thinking about new solutions and finding new ways to improve traffic flow.

Our traffic and transportation experts provide clients with a single resource for such traditional services as traffic operations, pedestrian circulation studies, and intersection improvement/design projects. They also are proficient in more complex projects, including conducting citywide safety studies, improving signal systems, and evaluating and designing Intelligent Transportation Systems (ITS).

Olsson Associates maintains large-scale data collection capabilities, as well as state-of-the-art traffic engineering and transportation planning software. Our staff are also involved in transportation research projects that contribute to the advancement of the profession. We can serve your needs from study and planning phase services through conceptual and final design.

Intelligent Transportation Systems (ITS)
- Traffic Signal System Studies
- Signal Timing Plan & Implementation
- Microsimulation & 3-Dimensional Visualization
- Travel Demand Modeling
- Transportation Planning/Corridor Studies
- Roundabout Analysis & Design
- Traffic Signal Design
- Pavement Marking & Signing Design
- Traffic Operations Analysis
- Traffic Safety Studies
- Traffic Impact Analysis

Accessible Pedestrian Signals (APS)
- Intersection/Geometric Design
- Parking Studies
- Traffic Control Plans
- Noise Assessments
- Access Management Review & Design
- Pedestrian Circulation Studies/ADA Compliance Reviews
- Traffic Calming
- Transportation Research/Training
- Public Involvement
- Data Collection
- Interchange/Access Justification Reports (IJR/AJR)

Hard work, effective communication, and technical expertise form the basis of every traffic engineering project at Olsson Associates. We strive to understand the client’s needs and find solutions that meet those specific needs while also addressing project constraints.