

Design Services

Econolite Systems - Your Trusted Advisor in Design Services

Econolite's Intelligent Transportation System (ITS) solutions ease traffic congestion, provide safer mobility, and improve quality of life. As the one-stop-shop leader for traffic management systems, sensor products, and services, our broad offerings also include planning and design of turnkey, multi-modal transportation systems, software engineering, traffic network implementation, integration, operations, and maintenance.

Why Econolite Design Services?

Econolite's Design Services brings you a team with core competencies that include ITS planning and design, roadway infrastructure and network planning, and complete engineering services. Econolite Design Services offers its customers comprehensive transportation infrastructure solutions, including area-wide traffic management systems, design, integration, implementation, and operations. Contact us at 714-630-3700 or www.econolite.com to learn more!

Highlighted Projects

Ohio

Transportation Research Center -
Connected/Automated Vehicle
Testing Facility

Hawaii

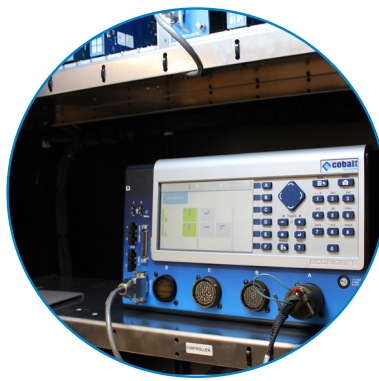
Nimitz Highway/Ala Moana Blvd
Technology Deployment

Florida

Miami Dade County
ATMS/Adaptive System

California

City of Orange
Traffic Control



How Can We Help?

Traffic Signal Design - Econolite has designed, built, and deployed countless traffic signals over the past several decades. With our in-house construction expertise, Econolite now provides traffic signal design services, complementing our one-stop-shop solution offerings, for the clients we serve.

Signing & Striping - As traffic signal lane geometry changes due to evolving traffic patterns, and because of general road wear-n-tear, it can become necessary to update or refresh the signing and striping throughout corridors and intersections. Econolite offers design services to ensure the highest quality signing and striping is provided, based on best-practices, and standards from local and state agencies.

Interconnect Communication Design - The backbone of any Smart City is heavily dependent on the quality and size of the interconnect communication infrastructure. Econolite helps design and build the best-suited communication networks for some of the largest municipalities across the country.

Roadway Lighting Design & Analysis - Roadway visibility is one of the most crucial factors to ensure safety for the driving public. Without adequate roadway lighting, motorists cannot safely travel through corridors or highways. Econolite offers the capability to not only design and build a well-lighted roadway with the latest technology in LED lighting, but also to analyze the brightness of the roadway, ensuring that it meets the foot/candle measurement requirements set in place by local and state agencies.

Traffic Control - Econolite offers traffic control design services that are typically required during the construction phases of projects.

ITS Planning & Design - As the transportation industry evolves and the topic of autonomous vehicles becomes more prominent, it is imperative that urban cities prepare for shifts in the technological landscape. The Econolite team offers in-depth ITS knowledge to help agencies and municipalities meet their Smart-City goals and embrace the ever-evolving technology required to ensure safety for pedestrians and motorists.

Traffic Equipment Inventory - As local agencies invest in their transportation infrastructure; it can become easy to lose track of existing traffic signal equipment inventory that has accumulated over the years. The Econolite team takes pride in visiting each and every signalized intersection within their jurisdiction to analyze the functionality of the traffic equipment inside the cabinet. This task is conducted to provide the agency with an inventory checklist of what existing equipment is functioning, outdated, and/or needs to be replaced.

Construction Support - As a licensed and bonded contractor, Econolite is capable of providing our clients with Construction Engineering Support such as answering any technical RFIs, providing milestone inspections, reviewing contractor change orders, and completing a Punch List of outstanding remaining items prior to project completion.



Your #1 Partner in ITS Design Services!
www.econolite.com