Design-Build

About the Design-Build Team

With a long-standing foundation in ITS planning and design, custom engineering services, and infrastructure planning and construction, Econolite Systems (Econolite) has the unmatched combination of expertise and engineering resources to design virtually any surface transportation and ITS project. Econolite's in-house licensed engineering staff is ready to design your traffic engineering and multi-modal transportation projects across the US, including CA, CO, TX, MI, FL, HI, and more.

Our Capabilities

As the one-stop-shop leader for traffic management software systems, traffic control equipment, sensor products, and connected vehicle services, Econolite is uniquely able to offer the widest array of ITS solutions in the industry. Econolite's industry-leading traffic management software currently manages more than 57,000 intersections, while the company has deployed more than 160,000 sensors and 100,000 traffic controllers.

What We Offer

Econolite's long-standing history of delivering turnkey multi-modal traffic management systems ensures that your ITS project will be handled expertly from design to completion, delivering the safest and most efficient transportation system for your infrastructure investment. As a licensed and bonded C-7 Low Voltage and C-10 Electrical Contractor, Econolite is able to effectively build and integrate any level of traffic management network and ITS project, including Smart City integration.

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.

Construction - As a licensed and bonded contractor, Econolite is able to provide our clients with the construction capabilities for building any communication, ITS, traffic signal, or roadway lighting project possible.

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

ECONOLITE
SYSTEMS