

GLEN ROSE, TEXAS

SQUAW VALLEY GOLF COURSE

TURNKEY LED LIGHTING
INSTALLATION CASE STUDY

07 BRAND NEW 32-FT
FIBERGLASS POLES

1,600 FT OF BORING
UNDERGROUND

42,000 LUMENS PER
LED AREA LIGHT

08 DAYS TO COMPLETE
THE INSTALLATION

10 YEARS OF PRODUCT
WARRANTY COVERAGE

WATTEDGE.LIGHTING.COM

The Opportunity

Squaw Valley Golf Course, located in Glen Rose, Texas, is recognized as one of the state's premier golf destinations. The property offers 36 holes of championship golf across two courses, a driving range, putting and chipping greens, and the natural beauty of century-old oak trees and Squaw Creek.

Although the course offers a first-class experience for golfers, the primary parking lot lacked lighting and created safety and security challenges after sunset for guests and employees.

The course needed a solution that would deliver precise, consistent illumination throughout the parking lot, improving visibility and helping everyone navigate the property more comfortably after dark.

As a new installation, the project involved more than just adding luminaires. The team needed to plan for new pole locations, foundations, and underground electrical infrastructure. Squaw Valley wanted full illumination during peak hours while reducing unnecessary lighting after midnight.

WattEdge Lighting was chosen as the turnkey provider, designing and installing a complete LED lighting system that met all project requirements without disrupting the daily golf course operations.



BEFORE: NO LIGHTING IN THE PARKING LOT



AFTER: NEW LED PARKING LOT LIGHTING

“ THE DIFFERENCE IS INCREDIBLE! SEEING THE PARKING LOT FULLY ILLUMINATED HAS COMPLETELY CHANGED THE FEEL OF THE PROPERTY AND GIVES US MORE CONFIDENCE IN THE GUEST EXPERIENCE. ”

ERIC WOODS, SOMERVELL COUNTY MAINTENANCE SUPERVISOR

The Solution

WattEdge Lighting developed a comprehensive parking lot lighting solution centered on seven new LED area lights and the supporting electrical system. Installation began with hydro-excavation for seven pole foundations, each extending eight feet below grade. After preparing the foundations, WattEdge Lighting installed seven 32-foot direct-burial fiberglass poles throughout the primary parking lot, each equipped with a 42,000-lumen LED area light.

Establishing the electrical infrastructure required significant below-ground work. The WattEdge team completed approximately 1,600 linear feet of underground boring to install conduit for two dedicated lighting circuits. The dual-circuit configuration gives Squaw Valley greater control over parking lot illumination throughout the night. During peak hours, all seven poles operate for full lighting. After midnight, the system automatically reduces the operating poles by about half, maintaining overnight visibility while conserving energy and limiting light in the surrounding area.

Despite the extensive excavation, underground boring, and electrical work required, WattEdge completed the project in just eight days. Throughout construction, Squaw Valley Golf Course remained fully operational, allowing golfers and staff to use the property without interruption. Each new LED area light is backed by the manufacturer's 10-year warranty, providing Squaw Valley with added assurance in its investment.



The Benefits

With the LED upgrade complete, Squaw Valley has transformed a previously unlit parking lot into a brighter, more visible environment after dark that has been well received by everyone.

The seven 42,000-lumen LED area lights now provide the illumination needed to improve visibility across the primary parking area so everyone can more clearly see vehicles, nearby surroundings, and activities. The dual-circuit configuration allows the lighting to better match how the property is used. Squaw Valley has full output during high activity and its dimmed after midnight when demand is lower. This approach conserves energy while maintaining visibility and minimizing unnecessary light pollution beyond the property.

Equally important was how the lighting project was completed. WattEdge installed a new parking lot lighting infrastructure—including foundations, poles, underground conduit, electrical circuits, controls, and LED luminaires—in just eight days without interrupting normal golf course operations.

The result is a modern, energy-efficient lighting system that improves the overall quality of Squaw Valley Golf Course and provides dependable illumination for the primary parking lot after dark.



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About Squaw Valley Golf Course

Squaw Valley Golf Course is a premier 36-hole golf destination in Glen Rose, Texas, featuring two championship courses and the natural beauty of the Texas Hill Country. Since opening in 1992, Squaw Valley has welcomed golfers of all skill levels with award-winning golf facilities and a relaxed atmosphere. For more information, please visit www.squawvalleygc.com.

About WattEdge Lighting

WattEdge Lighting provides turnkey LED lighting and electrical services for commercial and industrial properties. Backed by decades of project experience, the team manages every stage of the project to improve efficiency and reduce your operating costs. For more information about WattEdge Lighting, please visit www.wattedge-lighting.com.