

# Soccer Complex

Lebanon, TN



## OVERVIEW

The City of Lebanon, TN was in need of a complete electrical contracting partner to execute on the new construction of a five-field soccer complex. Scope of work included the installation of temporary and new electrical services, new Musco sports lighting systems, roadway and parking lot lighting, 3.7 miles of underground electrical conduit and wire, electrical panels, utility transformers, EVCS, food truck pedestals, and full wiring of concession and maintenance buildings.

## CHALLENGE

Coordinate and construct the full electrical infrastructure installation on a job site that had numerous solid rock formations, creating challenging hole boring and trenching conditions. This necessitated wet boring equipment and specialty rock trenchers.

**NEED 1:** Install 8' and 14' deep pole bases

**NEED 2:** Cut 3.7 miles of trenches through solid rock

**NEED 3:** Install, adjust, and commission sports lighting systems across five fields

**NEED 4:** Maximize site lighting and safety

**NEED 5:** Provide high-quality, long-lasting, and comprehensive electrical equipment and workmanship

## FULL SCOPE OF PROJECT

- (14) 70 ft. sports lighting poles with 128 LED fixtures were installed on the soccer fields
- For parking lots and roadways, (24) 25' light poles with a total of 43 roadway/parking lot lights were installed
- (2) EV charging stations and (3) food truck electrical pedestals were installed along with field irrigations system power
- A food concession, office, and bathroom facility building was completely wired for electricity, HVAC, kitchen, and lighting
- Maintenance building was wired and trimmed to provide LED lighting, HVAC, welding, and other electrical equipment

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## The Helios Energy™ Impact

The quality of the electrical work throughout the facility has created a sense of pride for the City of Lebanon and soccer fans from the entire region. The soccer field lighting sets the standard for youth athletic facilities in middle Tennessee and players look forward to the opportunity to compete under the lights

The amenities offered, food truck vendors, EV charging, and full concession stand, make this a fan favorite experience and will bring competitive teams from around the southeastern U.S. to compete in tournament play. This complex will soon become a destination competitive complex that will positively impact the economy of the City and surrounding communities.



### Testimonial

"The lighting levels and clarity on the playing surface are remarkable and create a great competitive and safe environment for all athletes."

-Jeff Baines, City Manager, City of Lebanon, TN



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