



Lighting Design

Building Lighting

The beauty of architecture is best seen at night when provided with the proper accent lighting. Our staff works closely with building architects to enhance the key elements of their work through award winning lighting design.

Recreational Lighting

When designing recreational facilities, cost concerns and energy efficiency must strike a balance with maintaining adequate lighting levels. The staff at Smith Engineering Consultants has built a strong reputation for lighting design at local parks and ball fields, bicycle and walking paths, racquetball and tennis courts, swimming pools, and golf courses.

Roadways

From small town streets to major highways, our staff has provided the design and construction management of numerous roadway lighting installations. In addition to our experience with highways, interchanges, arterials, rest stops, parking areas, toll plazas, and bridges, we have also provided specialty architectural lighting design for city and neighborhood improvement projects and architectural features.

Airports

As south Florida's airports experience increasing airside traffic, the supporting landside facilities must also expand. Our staff has completed the lighting design for runways and taxiways, new hangars, parking garages, and terminals. We have also provided the necessary engineering for the installation of numerous navigational systems

at various airports.

Service Areas Provided

- ◆ *Building exterior and landscape lighting*
- ◆ *Parks and ball fields*
- ◆ *Conventional and highmast roadway illumination*
- ◆ *Airport lighting and navigation systems*
- ◆ *Lighting control systems*

Projects Completed by Staff

- ◆ *Port of Miami Bridge*
- ◆ *Town of Lake Park Clock Tower*
- ◆ *Jupiter Community Park Racquetball Courts*
- ◆ *Village of Royal Palm Beach Ballfield Lighting*
- ◆ *I-75 Rest Area Lighting*
- ◆ *Dade County NW 87th Avenue Lighting*
- ◆ *Broward County SR A-1-A Lighting*
- ◆ *I-95/Davie Blvd. Interchange Lighting*
- ◆ *U.S. 1 Lighting from Broward Blvd. To Gateway Blvd.*
- ◆ *Fort Lauderdale International Airport Airfield Lighting and Cable Replacement*
- ◆ *Boca Raton Airport Expansion Lighting and Signage*
- ◆ *Pompano Air Park Airfield Lighting and Signage*

Airport

- ◆ Palm Beach County, North County Airport Electrical Distribution (New General Aviation Airport)
- ◆ Palm Beach County, North County Airport Nav aids (TVOR/DME)
- ◆ Ft. Lauderdale Executive Airport Beacon Relocation (Rotating Beacon)
- ◆ Palm Beach County, North County Airport Nav aids (ILS/AWOS II)
- ◆ Palm Beach International Airport Nav aids (ILS/RVR)
- ◆ Pompano Airpark Runway Expansion (Extended Two Runway Ends)
- ◆ Ft. Lauderdale/Hollywood International Airport Electrical Maintenance Contract Preparation (Annual Contract)
- ◆ Boca Raton Airport Expansion Lighting and Signage (Vault Work/Generator)
- ◆ Ft. Lauderdale/Hollywood International Airport Airfield Lighting and Cable Replacement (New 5kV Cables, New Lighting)
- ◆ Pompano Airpark REILS Installation (Three Runway Ends)
- ◆ Boca Raton Airport Electric Utilities Conversion (Overhead to Underground Service Conversion)
- ◆ Palm Beach International Airport, Runway and Taxiway Expansion and new Lighting Vault
- ◆ Ft. Lauderdale/Hollywood International Airport, Runway and Taxiway Improvements and New Lighting Vault
- ◆ Pompano Airpark, New Taxiways Lighting & Signs
- ◆ Jacksonville International Airport, Landside Electrical Distribution System Improvements
- ◆ Jacksonville International Airport, Lighting Vault Additions and New Lighting Control System
- ◆ Craig Field Airport, New Lighting Vault
- ◆ Las Vegas/McCarron International Airport, New Lighting Vault

Roadway and Park Lighting

- ◆ Dade County NW 62 Street Lighting (Roadway Lighting)
- ◆ Dade County NW 87 Avenue Lighting (Roadway Lighting)
- ◆ Davie Vehicle Inspection Station (Parking Lot Lighting)
- ◆ F.D.O.T. I-75 Rest Area Lighting (High Mast Lighting)
- ◆ Jupiter Community Park Phase II, Racquetball Courts (Sportsfield Lighting)
- ◆ F.D.O.T. I-95/Davie Blvd. Internal Bridge Electrical (Specialty Lighting)
- ◆ State Road 55 Bridge Navigational Lighting (Specialty Lighting)
- ◆ Dade County NW 27 Ave. & 207 Street Intersection Lighting (Roadway Lighting)
- ◆ Port of Miami Bridge Lighting (Architectural Lighting)
- ◆ City of Escalon Street Lighting (Decorative & Conventional Roadway Lighting)
- ◆ F.D.O.T. US 1 Broward Blvd. to Gateway (Roadway Lighting)
- ◆ F.D.O.T. Broward County State Road A.1.A. (Roadway Lighting)
- ◆ F.D.O.T. Martin County U.S. 1 (Roadway Lighting)
- ◆ Port of Palm Beach Molasses Tank (Tank Relocation)
- ◆ Indian Trails Improvement District Ball Field Lighting (Design/Build)
- ◆ Village of Royal Palm Beach Katz Field (Ball Field Lighting)
- ◆ Village of Royal Palm Beach Willows Park (Ball Field Lighting Evaluation)