

Steven P. Hockman

Roles and Responsibilities

As Senior Electrical Designer, with over 25 years of experience, Mr. Hockman designs the electrical systems for electric utilities, water and wastewater treatment plants and pump stations, roadway, recreational, and airport lighting, and industrial, institutional, and commercial facilities.

Department of Transportation major roadways, bridges, interchanges and toll plaza systems, performing illumination and voltage drop calculations, pole locations, power supply and distribution, 100% plans and project review process, coordination with utility departments, writing specifications and completing estimates and tabulation quantities for state, county, and municipal agencies.

Design and construction management of high, medium and low voltage electrical distribution systems, instrumentation and control systems. Specifications, cost estimates, start-up, on-site inspections for water and wastewater treatment facilities, master lift stations, water reuse facilities, pumping stations, operational and maintenance complexes, water control structures, solid waste facilities and normal and standby generation systems.

Designed & construction services for air carrier & general aviation airfield runway, taxiway and apron lighting systems, instrumentation landing systems, fueling systems, guidance signage and airfield electrical vaults, parking garages, security systems, parking lot lighting and terminal power.

Sports lighting and scoreboard systems, site lighting, public address systems for professional and recreational baseball, football, soccer, basketball, tennis and hockey complexes.

Design of telecommunications infrastructure for state universities and public school districts schools. Master plans, system studies, construction specifications and cost estimates for campus ductbanks, cabling systems including copper, fiber optic and coax.

Representative Project Experience