IT'S ALL HERE: LET'S TAKE ON WHAT'S NEXT.



AVIATION SOLUTIONS:

- Airfield Lighting Design
- Airside & Landside Design
- Airport Planning
- Airspace & Obstruction Analysis
- Building Systems Assessment & Design
- Capital Improvement Program Development
- **Environmental Assessments**
- Facilities Planning & Design Gate Planning/Aircraft Modeling
- Land Use Planning & Site Development
- NAVAIDS
- Runway, Taxiway & Apron Design
- Sustainability Planning

BUILDING DESIGN:

- Architecture & Interior Design

- Energy Studies/Power Generation
- - Mechanical, Electrical, Plumbing &
- Structural Engineering

DESIGN/BUILD:

- Architectural & Engineering Design
- Construction Oversight/ Management
- Cost Estimating & Budgeting
- Feasibility Studies
- Permitting & Compliance
- Preliminary Design
- Project Closeout, Post-Occupancy Review & Post-Construction Services
- Project Planning

Value Engineering

DIGITAL SOLUTIONS:

- Building Information Modeling (BIM)
- Management System Deployment
- - Management Support

- Geospatial Mapping Services &
- Interactive Mapping & Dashboard Solutions (Public Engagement)

ENVIRONMENTAL AND SUSTAINABILITY:

- Air Quality Testing & Permitting
- Brownfield/Brightfield Program
- Environmental Impact Analysis &
- Environmental Licensing, Permitting & Compliance (State & Federal)
- Habitat Management Plans
- Hazardous Materials Assessment
- Invasive Species Management Landfill Design, Closure

& Monitoring

- Planning & Ecological Studies
- Site Investigation & Remediation
- Stream Assessment & Restoration
- Sustainability Planning & Design Threatened & Endangered Species

FIRE PROTECTION SOLUTIONS:

- & Design
- - Inspections, Testing & Maintenance
- & Commissioning
- Owner Training & Technical Support

Storm & Feeder Hardening

Substation Design & Interconnection

Project Management & Construction Oversight

GRID RESILIENCY AND ENERGY TRANSITION SOLUTIONS:

- **Asset Integrity Assessments**
- Electric Distribution & Transmission
- Gas Engineering Geothermal, Wind, Solar, EV

Infrastructure

- Linear Permitting & Licensing
- Engineer Services
- Protection, Control & SCADA Design

Program Management & Owner's

- Regulatory Assistance

- LAND DEVELOPMENT SOLUTIONS:

- Community Engagement

- Municipal Engineering & Planning
- Permitting

- Utility Assessment & Engineering
- MANUFACTURING AND ADVANCED TECHNOLOGY FACILITIES:
- Chemical & Process Engineering
- Commissioning (Cx) & Retro-commissioning (RCx)
- Electrical Arc Flash & Coordination
- **Emergency Power Systems**
- Energy Solution Implementation
- Industrial, Commercial & Institutional Energy Assessments
- Instrumentation & Control Design
- Industrial Plant Planning, Design
- Power & Thermal Generation, Distribution & District Energy
- Process Safety Management (PSM)

- **NET ZERO BUILDINGS SOLUTIONS:**
- Renewable Energy/Building Design

- Sustainable Design Initiatives: Stretch Code, LEED, CHPS & Passive

PROJECT AND CONSTRUCTION MANAGEMENT:

- Budget, Schedule & Value Management
- Construction Monitoring & Field Management
- Consultant/Contractor Selection &
- Cost Estimating & Management

Life-Cycle Cost Analysis

- Design & Construction Documentation & Review Funding Consultation & Facilitation
- Owner's Representation & Project Management

Preliminary Planning & Feasibility

- **Preconstruction Services**
- Project Closeout, Post-Occupancy Review & Post-Construction
- Services Risk Management & Mitigation

SPORTS FACILITY DESIGN:

Rail Track & Facilities Design



TRANSPORTATION SOLUTIONS:

- Accelerated Bridge Construction (ABC) Design & Consulting
- Bridge Design & Analysis
- Construction Engineering &

Inspection

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- Bridge Inspection & Reconstruction
- Highway/Roadway Design Hydraulics, Hydrology & Scour
- Intelligent Traffic System Design Multi-Use Path Design
- Traffic System Management &
- Operations (TSM&O)
- Traffic Operations/Corridor Management Traffic Studies & Design

WATER/WASTEWATER/SEWER:

- Water Quality Modeling & Unidirectional Flushing







Geotechnical Engineering