

Architecture

Programming
 Master Planning
 Health Care Facilities
 Public Safety Facilities
 Office Buildings
 Congregate Care Facilities
 Food Processing Facilities
 Educational Facilities
 Higher Educational Facilities
 Athletic/Recreational Facilities
 Conceptual Renderings
 Industrial Facilities
 Investigative and Feasibility Studies
 Needs Assessment and Space Planning
 Sustainable Design and LEED Certification
 Historic Renovation and Restoration
 Adaptive Re-Use
 Fundraising Assistance
 Post-Construction Assistance



Interior Design

Interior Planning and Design
 Space Planning
 Construction Documentation for Bidding and Pricing
 Furniture, Fixture, and Equipment (FF&E) Specifications and Procurement
 Technology Needs Planning
 ADA Accessibility Designs
 Custom Signage and Graphics
 Lighting and Ceiling Design
 Selection and Procurement of Artwork

Structural Engineering

Deep, Intermediate, and Shallow Foundation Systems
 Building Rehabilitation/Retrofit
 Building Condition Surveys
 Structural Analysis and Design
 Forensic Investigation
 Structural Code Checks
 Construction Phase Services
 Retaining Walls/Erosion Control
 Parking Structures
 General Structural Design
 Agricultural Structural Design
 Animal Feedlot Structure Design

Mechanical Engineering

Sustainable Design and LEED Certification
 Heating, Ventilation, and Air Conditioning System Design
 Energy and Life-Cycle Cost Analysis
 Building Energy Modeling
 Plumbing Systems
 Humidification/Dehumidification Systems
 Energy Management Systems
 Fuel Storage Systems
 Energy Recovery Systems
 Process Piping Systems
 Central Chiller Plants and Heating Plants
 Geothermal Systems
 Industrial Ventilation
 Dust Collection Systems
 Commissioning Agents

Electrical Engineering

Building Power System Planning
 Electrical Power Distribution Systems
 On-Site Standby/Emergency Power Systems
 Dedicated Substations
 Lighting Design
 Communication Equipment
 Security/Life Safety Systems
 Telecommunications/Network Distribution
 Systems and Building Automation
 Energy Audits
 Utility Rate and Cost Analysis
 Power System Fault Calculations
 Sustainable Design and LEED Certification



Community Resource Planning

Funding Applications and Administration
 Grant Applications and Administration
 Municipal Administration
 Capital Improvement Planning
 Utility Rate Studies
 Site Analysis
 Municipal Ordinance Review and Development
 City Administration Services
 City Ordinance Review and Development
 Community Facilitation and Goal Setting
 Economic Development Assistance
 Budget Planning
 Comprehensive Plans
 Land-Use Plans
 Growth Studies and Orderly Annexation Agreements
 Housing Studies
 Fiscal Impact Studies

Civil Engineering

Pavement Management Studies
Commercial and Industrial Site
Development
Residential Developments
Hydrologic and Hydraulic Modeling
Watershed Modeling
Stormwater Pollution Prevention Plans
(SWPPP)
Stormwater Management
Water, Sanitary Sewer, and Storm
Sewer Master Planning
Municipal Water Distribution
Municipal Sanitary Sewer Collection
Systems
Transmission Facilities
Construction Administration
Integration of Geographical
Information Systems
Inflow and Infiltration Analysis
Water Reuse Analysis
Lakeshore and Streambank Restoration
and Protection
Urban Roadway Design
Rural Highway Design
Land Use Planning
Municipal Street and Utility
Reconstructions
Sustainable Design and LEED
Certification
Agricultural Drainage
Manure Storage Facilities (TSP
Certified)

Land Surveying

Boundary Surveys
Preliminary and Final Platting Services
Condominium Plats
Right-of-Way Plats
ALTA/ACSM Land Title Surveys
As-built Surveys
Topographic Surveys
LOMA, LOMR, and FEMA Elevation
Certificates
Construction Staking
Easement and Property Description
Preparation
Aerial and Project Control
GPS Surveys
Assessor's Plats
Certified Survey Map (CSM)

Environmental Services

Phase 1 Environmental Assessments
Environmental Assessment Worksheets
Environmental Impact Statements
Environmental Assessment (Federal)
Alternative Urban Areawide Reviews
(AUAR)
Wetland Investigation
Wetland Delineation
Wetland Permitting
Wetland Monitoring
Wetland Mitigation
Tree Preservation Plans
Biological Species Investigation
Environmental Permitting

SPCC Plans

Mineral Mine Permitting
On-site Compliance Audits
Waste Disposal Documentation
Geographical Information Systems
Lakeshore Restoration

Landscape Architecture

Landscape Planning and Design
Master Planning
Town and Urban Planning
Environmental and Land-Use Planning
Park and Recreation Planning
Historic Preservation
Streetscape and Hardscape Design
Walkway, Parking, and Signage
Design
Site Inventories and Analyses
Sustainable Design and LEED
Certification
Residential Landscape Design

