



Our approach is simple: We view each task as an opportunity to create long-standing, trusted relationships. More than just a professional services firm, we see ourselves as your guides and partners.

## Service Offerings:

### Alternative Delivery

As a national leader in alternative delivery methods, including design-build and innovative public-private partnerships, we have assisted many clients with challenging projects of all sizes. Our experience ranges from small municipal public works projects to large-scale, multi-phase infrastructure and facility development programs.

As a large, multidisciplinary firm, we understand the value of collaboration throughout the life of a project. We also recognize that the commitment to design-build and other delivery methods requires involvement at all levels of the organization. Many of our employees are members of the Design Build Institute of America and are designated design-build professionals. Our professional staff provides:

- Design-bid-build
- Integrated design-bid-build
- Design-build
- Design-assist
- Modified design-build
- Public-private partnerships

### Architecture

We provide a full complement of services in architecture and interior design. Our collaborative team of professionals includes experts in programming, design, sustainability, production, and construction administration. Our professional staff provides:

- Program development
- Architectural design
- Space planning and interior design
- Cost estimating and scheduling
- Facilities program development
- Sustainable strategies
- Interior design
- Landscape architecture
- 3-D modeling
- Contract documentation
- Construction administration
- Sustainable design, LEED®-certification

While we offer deep experience in several markets, from criminal justice and government facilities to higher education and healthcare, our approach to each project is distinct. Our architects explore and respond to clients' unique mission and objectives, working creatively with opportunities presented by context, program, budget, and the latest in building technology.

We embrace the complexities of each project, recognizing that challenges can lead to greater inspiration, innovation, and efficiency. With a portfolio that spans a half century, we can proudly point to buildings that have served their communities successfully for many years. Our focus is on the future, however, as we continue to create breakthrough buildings that set new standards for design, performance, and value.

We bring a passion for the latest proven methods, technologies, and materials so that cost targets, connectivity, and sustainability goals are achieved.

### Climate Change

As trusted advisors and strong client advocates, we leverage our existing disaster response, emergency planning, flood risk management, geospatial data management, and water supply expertise to identify high risk communities. Our suite of planning services directly translates into climate change hazard evaluation and adaptation planning for communities and companies. By assessing the effects of climate change on built, human, and environmental systems, we can create long-term goals to reduce vulnerability, and develop emergency mitigation and disaster response strategies for our clients.

## Emergency Management

Our full-service offerings enhance emergency management programs at the local, state, and federal levels. Our responsive, flexible, and tailored approaches are goal-oriented, cost-effective, and efficient.

Our disaster cadre—a team of more than 700 skilled professionals dedicated to disaster response and recovery work—responds to client surge capacity needs. We deliver the right people with the experience relevant to each task assignment.

As one of FEMA's primary contractors for more than 30 years, our experience gives us unique insight into how national disaster events are prepared for, managed, and applied to communities. We help clients become more resilient through efficient and cost-effective mitigation measures that will reduce the impact of future disaster events. Our services include:

- Hazard mitigation
- Disaster response
- Infrastructure assessments
- Security assessment and design
- Risk assessment and vulnerability analysis
- Planning, training, and exercises for:
  - Emergency operations
  - COOP/COG
  - Debris management
  - Evacuation
  - Mass fatality
  - Public health
  - Special events
  - Special populations (pets, access and functional needs)

## Energy

We offer a suite of services to meet the new challenges our clients face. We cater to both building services (for energy management and conservation) and energy infrastructure (including electric and oil and gas services). Our offerings include:

- Environmental permitting
- Oil and gas
- Power
- GIS and GPS
- Lidar

- Photogrammetry
- Ortho mapping
- ALTA/ACSM land title surveys
- Boundary surveys
- Cadastral surveys
- Construction stakeout
- Linear and route surveys
- Outgrant easements
- Right-of-way surveys
- Subdivide and consolidate tracts
- Topographic surveys
- Site/civil engineering

## Environmental

We're an industry leader in assisting clients with the management and resolution of a myriad of environmental challenges. Our diverse capabilities include providing NEPA documentation, permitting services, cultural and historic research, environmental surveys, and technical report development. Our expertise in soil and groundwater contamination, landfill services, indoor air quality, asbestos and lead issues, historic architecture and archaeology, as well as natural resource conservation and wetland restoration and creation, are increasingly critical given the brighter spotlight on enhancing global sustainability. We assist local, regional, and state governments, as well as the military to manage and resolve complex environmental challenges by offering expert assistance with:

- Due diligence/Phase I
- Contaminated site investigation/remediation
- Solid waste management
- Wetlands services
- Threatened and endangered species studies
- Stream restoration
- Stormwater environmental permitting
- Environmental planning (NEPA)
- Historic preservation/archaeology
- Environmental management

## Geospatial

Our consulting team includes many of the most recognized and respected industry experts and thought leaders. We create, analyze, and build tools to share geospatial data, as well as help clients integrate these tools into their daily lives. We fuse multiple data sets together and provide clients with easy-to-use tools that simplify the use of information to allow for more effective and efficient decision making. We understand facility and asset management lifecycles and can aid owners and managers with all facets of managing their facilities.

We employ the latest GIS software and database platforms, including the full suite of Esri products, as well as Oracle and SQL Server. Our products and services include application, web, and cloud-based development; system integration; database design mapping; data fusion; and mobile solutions. Our services include:

- GIS/IT
- Remote sensing
- Facility/asset management
- Environmental management
- Government transformation

## Land Planning and Development

Our land planning specialists apply their expertise to assessing the physical properties of a land parcel, but that's just the beginning. We also consider the impact that development will have on the overall economy, the environment, and the social welfare of the associated communities.

## MEPS

Our mechanical, electrical, plumbing and structural engineers include many of the most experienced and respected experts in the industry. Our portfolio includes the redesign of existing systems for building renovations, retrofitting facilities to meet updated codes or to support new uses, and design of new buildings and systems.

We use the latest structural analysis and design software to achieve cost-effective solutions, including Building Information Modeling (BIM) in both Revit and Bentley platforms. By collaborating



with our clients and focusing on project management best practices, we deliver outstanding results and help guide clients to the realization of their goals. Our offerings include:

- MEP engineering system design
- Master planning, studies and system analyses
- Energy audit and use assessments
- Energy modeling and engineering analysis
- Fire protection and fire alarm systems
- Specialized systems
- Imaging systems
- Construction administration
- Computerized drawing management system
- Medical gas and vacuum system design
- Voice and data system design
- Commissioning
- Central plants
- Building and systems performance modeling

## Resilience

Resilience is the ability to withstand or rebound from one or multiple stressors. Achieving a reasonable measure of resilience is a critical goal for all organizations and communities, involving careful assessment, planning, and implementation as well as the ability to evolve and adapt as vulnerabilities shift. High-visibility investments in strengthening infrastructure require sound planning and prioritization. We identify risks, quantify probability of occurrence and potential impacts, create adaptation strategies, and help our clients implement real-world solutions. We maximize resilience by minimizing risks. Services include:

- Risk assessment
- Vulnerability evaluation
- Hazard mitigation planning
- Climate change adaptation
- Infrastructure hardening
- Green infrastructure, land use, and building code

## Security Technology

Our technology group provides advanced expertise in security electronics, telecommunications, and audio/visual services. We work as an integral part of the architectural process, addressing critical issues early in the planning phase and refining our approach during design to meet our clients' exacting criteria. Our professional staff provides:

- Risk assessments and security studies
- Systems planning and implementation
- Cost estimation
- Programming through construction documents
- Construction administration

## Site/Civil

Through our long and successful history in site/civil design, we've worked in tandem with land development, surveying, environmental, and geospatial information experts to deliver creative and cost-effective designs that transform communities. Our professionals are passionate about developing innovative processes and new technologies that help our clients and their stakeholders best visualize projects. We deliver information modeling of projects below and above ground, through mountain passes, and around centuries-old infrastructure systems.

We make building in the most complex environments not only possible, but successful with a range of services that include:

- Site evaluation and feasibility studies
- Conceptual land planning
- Planning/zoning and project entitlements
- Surveying and mapping
- Environmental consulting and permitting
- Site and subdivision design
- Roadway and utility design
- Sustainable stormwater management design
- Sediment and erosion control design
- Landscape architecture
- Construction observation services, permitting, and stakeout

## Surveying/Mapping

Since Dewberry's founding in 1956, we have grown to be an industry leader in surveying and mapping services. Our ability to provide technology, capabilities, capacity, and geographic presence has made us invaluable to a diverse client base. We possess the deep support in personnel, equipment, and computer processing resources to handle uncommon tasks.

- ALTA/ACSM land title surveys
- Boundary surveys
- Boundary, right-of-way, and utilities easement research
- Construction stakeout
- Easement and acquisition plats
- Environmental surveys
- GPS services
- GIS/database design and development
- Infrastructure surveys
- Inventory surveys
- Lidar
- Photogrammetry/orthophotography
- Subdivision and consolidation of tracts
- Route corridor surveys
- Topographic surveys
- Transportation surveys
- Utility surveys

## Sustainability

Sustainability at Dewberry means balancing long-term environmental, economic, and social goals by achieving improved efficiencies and performance from our projects, for our clients, and in everyday activities. Our sustainable design experts are leaders in areas such as green buildings, climatology, natural resources, renewable energy, LEED, green infrastructure, commissioning, measurement and verification, and community planning.

With an emphasis on ecology, mobility, resilience, and research and technology, we are able to adapt with our ever-changing world and offer our clients sustainable, cost-effective solutions for their goals and challenges. We focus on



our clients' return on investment in this evolving economic climate. The services we offer include:

- Climate adaptation and mitigation
- Comprehensive environmental resources management
- Energy modeling and building commissioning
- Green infrastructure planning
- High-performance building design
- Low-impact site development
- Renewable energy
- Resilience, risk, and vulnerability assessment
- Sustainable return on investment
- Sustainable rating systems
- Water resources management
- Wetlands and natural resources

## Telecommunications

As more and more of our nation connects through new and developing 4G hand-held mobile devices, we know that customer satisfaction is dependent on the quality and continuity of the carrier's wireless infrastructure. Since the 1990s, we have kept pace with this ever-changing industry, offering a client-focused approach to delivering high-quality, efficient engineering services to assist with building wireless telecommunications networks.

Our experienced professionals have worked on hundreds of new macro and micro sites and are skilled in designing site upgrades and modifications, as well as Distributed Antenna Systems (DAS) and in-building projects.

## Transportation

Our engineers apply proven methodologies and technologies to support our client's transportation goals, strengthening communities and positively impacting the quality of life. With significant experience in alternative delivery methods, our superior local knowledge is backed by the deep resources and stability of a national company.

- Bridge/structural engineering
- Constructability and value engineering

- Contract administration/construction engineering and inspection
- Environmental services
- Geotechnical engineering
- Hydraulics/stormwater management
- Highway/roadway engineering
- Intelligent Transportation Systems (ITS)/lighting design
- Landscape architecture
- Traffic engineering, maintenance, and protection
- Site/civil engineering
- Surveying and mapping
- Transit/transportation planning

## Water

As our nation's water supplies become scarce and in need of protection and climate change impacts the location and regularity of flood hazards, the regulatory landscape continues to be reshaped at the state and federal levels. We work with clients to navigate current and emerging standards, as well as potential impacts on their water and wastewater infrastructure.

- Planning/regulatory
- Wastewater collection and treatment
  - Collection system asset management
  - Hydraulic modeling and evaluations
  - Restoration/rehabilitation
  - Sanitary and combined sewer overflow remedies
  - Treatment systems
- Water reuse
- Water treatment
- Water distribution
- Water supply and management

## Water Resources

With more than 200 professionals dedicated to water resources engineering, we have one of the largest groups of its kind in the U.S. Our expertise spans from planning to green infrastructure design,

with projects supporting land development and transportation activities, as well as municipal, county, and state-wide watershed planning and management plans. With more than 30 years' experience supporting FEMA's National Flood Insurance Program, we are the go-to firm for riverine and coastal flood hazard analysis and mapping, as well as flood risk assessment.

- Flood risk management
- Flood hazard analysis
- Stormwater management
- Water quality
- Water supply and management
- Climate change and adaptation

