



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. We have completed more than 95 design-build projects across the country with a value of more than \$9.6 billion. 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
- Interior design
- Cost estimating and scheduling
- Sustainable strategies
- 3-D modeling
- Contract documentation
- Construction administration
- Security technology

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.

Building Structures

We offer a full range of professional services for the design and analysis of various building types and structures. As part of a multi-disciplinary design team or in a lead engineer capacity, our experts work to solve problems and challenges by utilizing creative solutions to design sound,

economical structures appropriate for the intended use and service environment. Our experience includes a variety of building types and structures.

- Commercial and institutional buildings
- Healthcare facilities
- Industrial facilities
- Justice facilities
- Parking structures
- Rail stations and facilities
- Residential buildings
- Waterfront structures

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.

Construction

We renovate, retrofit, and modernize existing buildings and infrastructure. We draw on the expertise of our professionals to customize solutions for our telecommunications, energy, industrial, education, healthcare, and water and wastewater clients. With safety and collaboration always top of mind, our project delivery includes design-build, progressive design-build, construction management-at-risk, and bid construction.

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.

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. Our services include:

- Program assessment and capability analysis
 - Threat and Hazard Identification and Risk Assessment
 - State Homeland Security Strategy
 - Gap analysis
 - State Preparedness Report
 - Investment justification
- Planning, training, and exercises for
 - Emergency operations
 - Continuity of operations/government
 - Debris management
 - Sheltering/mass care
 - Evacuation
 - Mass fatality management
 - Post-disaster recovery

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:

- Air permitting
- Contaminated site investigation/remediation
- Due diligence/Phase I
- Ecosystem restoration
- Environmental management
- Environmental permitting
- Environmental planning (NEPA)
- Historic preservation/archaeology
- Program management
- Public involvement/agency coordination
- Solid waste management
- Stormwater
- Threatened and endangered species studies
- Wetlands services

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. Our services include:

- GIS/IT
- Remote sensing
- Facility/asset 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.

Mechanical, Electrical, & Plumbing

Our mechanical, electrical, and plumbing engineers are some 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 the design of new building systems. Our offerings include:

- MEP engineering system design
- MEP master planning, studies, and systems analysis
- Energy audits and use assessment
- Fire protection and fire alarm system design
- Building Information Modeling (BIM)
- Energy modeling and daylighting analysis
- Construction administration
- Energy measurement and verification
- Commissioning and retro-commissioning
- Arc flash, ground fault, and short circuit analysis
- Renewable energy design
- USGBC LEED MEP design
- Life cycle cost analysis
- Mission critical power and HVAC system design
- EPA Energy Star Application
- Energy management dashboards
- Utilities capacity modeling
- Laboratory design



Resilience

Resilience is the capacity of a system or enterprise to maintain its core purpose in the face of dramatically changed circumstances. 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. At Dewberry, 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:

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

Site/Civil

Since our founding in the 1950s as a site/civil engineering and surveying firm, we've continued to work in tandem with land development, surveying, environmental, and geospatial information experts to deliver creative and cost-effective designs to clients in the private- and public-sectors that transform communities. As a full-service engineering firm with a broad range of capabilities, 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.

- Conceptual land planning
- Construction observation
- Environmental consulting and permitting
- Landscape architecture
- Mapping

- Master planning
- Planning/zoning and project entitlements
- Public engagement
- Roadway and highway design
- Sediment and erosion control design
- Site design
- Site evaluation and feasibility studies
- Subdivision design
- Surveying
- Sustainable stormwater management design
- Traffic engineering studies
- Utility infrastructure

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.

- 3D laser scanning
- ALTA/NSPS Land Title surveys
- Boundary surveys
- Construction stakeout
- Easement and acquisition plats
- Electric substation surveys
- Electric, oil, natural gas pipelines
- Environmental surveys
- Expert witness testimony
- GIS/database design and development
- Infrastructure surveys
- Inventory surveys
- Lidar/aerial photogrammetric mapping
- Marine/bathymetric surveys
- Monitoring surveys
- Oil and gas well pad surveying
- Remediation surveys
- Subdivision and consolidation of tracts
- Sub-surface Utility Engineering (SUE)
- Railroad surveys

- Route corridor surveys
- Telecommunications surveys
- Topographic surveys
- Transmission line surveying
- Transportation surveys
- Utility surveys
- Volumetric surveys

Telecommunications

As more of our nation connects through 4G hand-held mobile devices, we know that customer satisfaction is dependent on the quality and continuity of the carrier's wireless infrastructure. We are keeping 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 thousands of new and existing installations of all types and designs and are skilled in designing projects that meet the many challenges a site may bring.

- General engineering services
- Construction management
- Distributed antenna systems
- MEP engineering
- Environmental services
- Geotechnical engineering
- Expert testimony
- Structural analysis
- Site survey
- Switch building design
- Permitting & related support services
- Photosimulations & balloon tests
- Construction



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
 - Master planning
 - Funding assistance and CIP development
 - Concept-level design
 - Regulatory negotiation
 - Wet weather management
 - Treatability studies
 - Asset management
 - Customized spatial database applications
 - Process automation and optimization
- Construction
 - Design-build
 - Owners representative
 - Onsite inspection
- Design
 - Collection systems
 - Distribution systems
 - Combined sewer infrastructure
 - Treatment facilities
 - Innovative solutions: reuse, energy production, advanced treatment
 - Environmental sustainability and energy optimization

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
- NPDES/TMDL compliance
- Combined sewer overflows
- Integrated water resource planning
- Coastal modeling
- Watershed assessments
- Reservoir optimization studies
- Dam engineering services
- Stream restoration

