

# TRIBAL GOVERNMENT

A future of promise built on a history of perseverance.



## Oklahoma's history reflects a strong relationship with Native Americans.

The economy of Oklahoma is strengthened by Native American business enterprises and the rich heritage of Native Americans. We have witnessed first-hand the development of Native American tribes into economically strong, sovereign nations with a strong business acumen. Our connection with Native American culture and values gives us insight into working with tribal governments and an understanding of the uniqueness, benefit and influence of Native American tribes throughout the United States. We understand the place, space, and special interests of Native Americans in Oklahoma.

## Master Planning

Master planning is a process, a combination of art and science. It requires a multidisciplinary team to achieve the desired outcome. The process represents an integrated consolidation of all assets and challenges into a focused assessment of existing and future conditions. This planning exercise must facilitate improvements to mission, quality of life, sustainability, and resiliency. Our team understands the requirements to envision, assess, and create a plan that provides the strategy and path for the future.

#### Water Resources

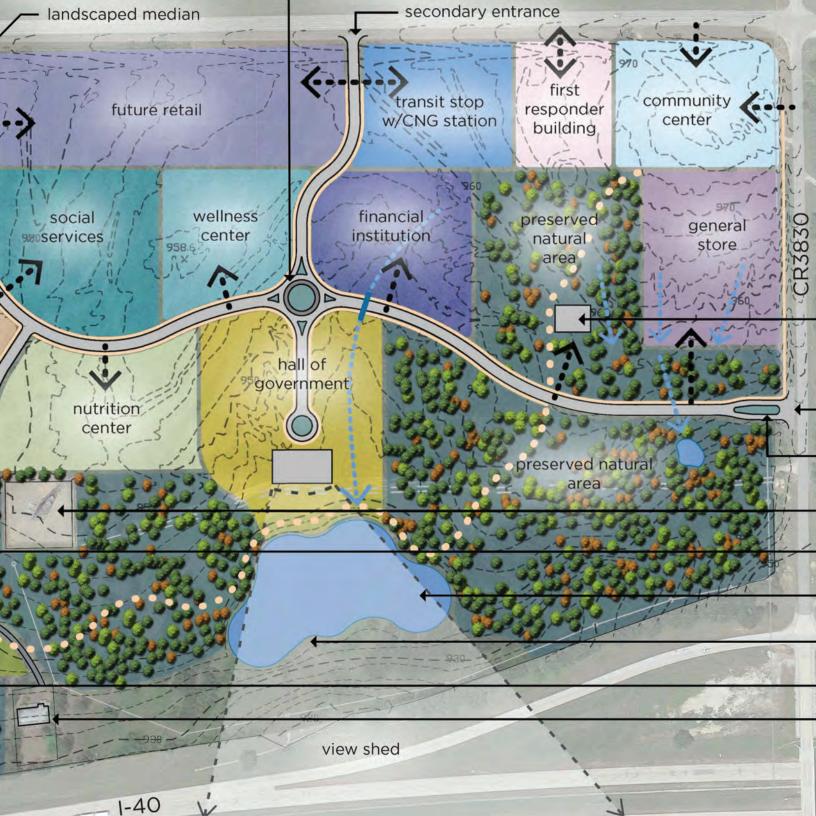
Water is an increasingly valuable and precious resource - we cannot live without it. As sovereign nations, Native American Tribes have the ability to positively influence the water resources within their tribal community. Community growth, prosperity, sustainability, and resiliency require an executable plan for sustaining water supply and protecting related water resources. We can provide assistance in attaining grants for projects from various agencies. We understand the interrelated dynamics that shape the identification and development of sustainable water supplies, including drought-resilient systems and strategies. We also understand the dynamics of wastewater reuse and its role in conserving water on national, regional, and local levels.

## Sustainable Design

An effective sustainability plan not only meets the needs of the current generation, it does so without jeopardizing those of future generations. This is achievable by working to find a balance of economic, environmental, and social prosperity.

In vertical and horizontal built environments, we are committed to design that is driven by a wide range of sustainable strategies and measures, including: energy and water efficiency, renewable energy, waste reduction, low-impact development, human health and well-being, and mindfulness of finite resources.









### **Environmental Studies**

We deliver a broad range of environmental services; from environmental clearances for roadways to asbestos or leadbased paint surveys for older facilities, we can deliver timely and thorough expertise. Responses to and coordination with environmental regulators streamline and solidify our completion of environmental audits, initial site assessments, Phase I/II/III site assessments, hazardous materials surveys, National Environmental Policy Act planning, soil and groundwater investigations, environmental baseline studies, cultural resource assessments and biological/threatened and endangered species assessments. We have experience with both the Bureau of Indian Affairs (BIA) and USEPA regarding requirements imposed by those agencies on Native American Tribes. We have the ability to navigate laws and regulations to provide desired results for a positive outcome.

## Permitting/Regulatory Compliance

Our efforts to minimize client exposure to impacts under the Clean Water Act is met through the development of Stormwater Pollution Prevention Plans and Spill Prevention Control and Countermeasure Plans. We also prepare 404 permits and preconstruction notifications for roadway and bridge projects. When the job at hand is ensuring regulatory compliance and obtaining permits, you need a team who has been in the field, seen all sides of the issues, and sustained a proven record of agency interaction. Our engineers, planners and scientists stand as your advocates in environmental compliance relating to facilities, programs and permitting activities relating to air, water, land, solid waste, and hazardous materials.

# **Environmental Engineering**

Our daily challenge is to create sustainable, real-world engineered solutions for processing operations, infrastructure design, power delivery systems, and environmental regulatory issues. We assist in planning, evaluating, diagnosing, engineering, and mitigating environmental issues regardless of project scale. Our experts will work with you to optimize operating efficiencies, control cost, and enhance environmental performance and stewardship.

## Civil Engineering

This is the founding platform of **Guernsey**. Our current civil engineering skills reflect upon our very first days in 1928. Though technology and processes are different today than they were then, one thing that hasn't changed is the value of a team that knows the intricacies of successful projects at every level.

## Infrastructure

We have a strong history in providing a diverse set of clients with the planning and design of public works and facility infrastructure improvements including dams and reservoirs, flood control systems, roadways/highways/bridges, drainage structures, water and wastewater systems, and electric power systems. Clients have trusted us with improvements to every facet of their infrastructure.

## Land Development

The variety of specialty services we offer in land development is as far and wide as some of the stretches of land we've helped to develop. Services we offer include site/master planning, zoning, site assessment, hydraulic and hydrologic studies, infrastructure planning, and site design. The end results are detailed, effective planning and design documents and drawings.

# Transportation Engineering

As transportation systems age, it is imperative that emphasis be placed on repairing and replacing our existing networks. Not just the roads, rails, and airports that enable us to reach our destinations, but also the detailed effort it takes to build these systems. We've been an integral partner to various entities in the development of their transportation networks. We assess, plan, and design systems that align with and enhance internal roadway networks that connect to larger and more complicated external networks to provide a smooth transition of traffic flow.









## Cost Estimating

Our team will jump in from the first day of conceptual design to start building the cost estimate for funding or financing. Our estimates allow for quicker determination of project feasibility. In addition, the conceptual cost estimate is used to keep the project in budget, with updates made at each phase to ensure that issues are addressed promptly.

#### Vertical Construction

Our vertical construction design team helps with everything from the creation of new campuses to the renovation of existing facilities. We solve operational and functional challenges through creative, integrated design. We understand the needs of the tribal entities and the facilities required not only for effective operations but also for enhancing the safety of the public. We are dedicated to a collaborative design process to ensure the resulting renovations or new facilities serve each requirement efficiently and effectively. During the facility design process we will focus on your identified priorities from operations and adjacencies to aesthetics and costs. With all design disciplines in-house, our design team is integrated and provides each project all areas of expertise including engineering (civil, structural, mechanical, electrical, fire protection), architecture, interior design, landscape architecture, and cost estimating services.

# Construction Management

Using sound judgment and reason to interpret contract documents, our team can help improve contractors' adherence to plans and schedules. We keep communication channels open between all parties, allowing for minor design changes to enhance quality and affordability while mitigating propagation of minor issues. We offer services in cost validation, schedule oversight, document control, submittal review, quality assurance and control, construction management staffing, and site observations.





## Program Management/Owner's Engineer

Our comprehensive understanding of structured and engineered systems enables us to oversee the progression of your project from concept through construction. We assign a program manager to a project to enhance project status, provide decision-making skills and develop a program perspective as required. This may also include identifying and managing cross-project dependencies, risks, issues, requirements, designs and solutions. Program managers are not necessarily discipline-specific and can include planners, engineers, architects, scientists or other experts who demonstrate exceptional organization, discipline and control, and possess the skills to communicate across levels.

## Cyber Security

A solid security strategy takes more than software and an occasional checkup. You need a team of good guys who are trained to think like the bad guys. That's where our cyber security professionals come in. We have nationally-accredited information security experts whose sole focus is to help our clients meet their risk management goals and compliance obligations using risk management, regulatory support, (NERC CIP, PCI-DSS, and HIPAA), security and vulnerability reviews, security monitoring, training and awareness, program audits and incident response planning.

### Privatization

Our professionals have analyzed more than 500 utility systems since 1993, including the first utility privatization analysis for the Department of the Army. As a result, we are the US Army's preeminent expert adviser for privatization transactions, having supported the largest-ever privatization action (\$4 billion+) among many others. We work at every level, from individual utility systems to providing program support at the Pentagon to evaluating various university systems to statewide facilities.

## **Utility Analysis**

We've developed thousands of cost-of-service studies, rates and financial models since the 1960s and have nearly 80 years of water, electric cooperative and public power experience. It's this well-rounded package of experience and understanding that gives our clients the utmost trust in our ability to insightfully analyze situations and make recommendations that get results. We provide management and regulatory support as well as cost of service, rate and financial analysis documentation to help our clients make the best decisions moving forward.

## **Utility Optimization**

The growing momentum for sustainable and renewable energy projects has driven aggressive action by private-sector companies courting public commitment to qualifying projects. Many are presented as self-sustaining, but it's not quite that simple – the economic viability of a project is typically based upon many interrelated assumptions that should be validated and tested for resiliency to change. We provide independent assessment and validation to public-sector clients that may be interested in pursuing these projects where cost is a significant consideration. We bring specific focus to ESPC and UESC projects where we work as the government's trusted advisor to validate energy savings projections and performance.

# Public-Private Partnerships (P3)

We specialize in identifying, analyzing, and executing transactions that work. Transactions may present strategic opportunities to reallocate scarce resources to more important functions, however not all arrangements result in technical performance at an economical price. Our professionals will team with you to understand your unique situation and determine whether a public-private partnership is right for your long-term best interests.







5555 N Grand Boulevard Oklahoma City, OK 73112 405.416.8100

guernsey.us