

# Bohannon Huston

## Who We Are... What We Do...

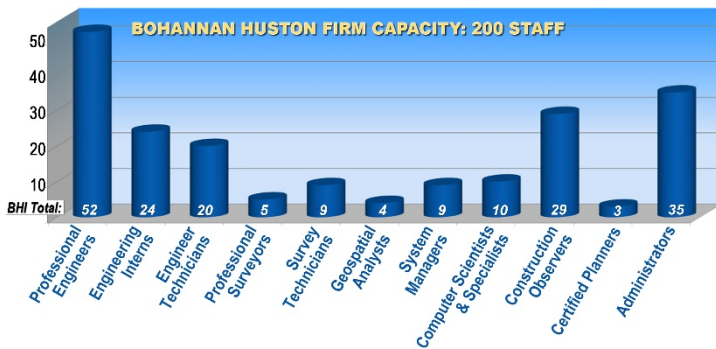
Founded in 1959, Bohannon Huston, Inc., (BHI) has become a nationally-recognized consulting firm specializing in Engineering, Spatial Data, and Advanced Technologies. Currently, BHI has 200 employees with headquarters located in Albuquerque and branch offices in Las Cruces and Denver.

On a daily basis, BHI's professional and technical staff work together to produce high-quality projects suited to the needs of each individual client.

BHI's integrated approach to planning and engineering emphasizes sustainable solutions to create projects that serve tomorrow's needs as well as today's. We understand the challenges that our clients face, and for over 59 years, we have helped our customers visualize projects, optimize resources, and realize exceptional solutions.

Although each client is different, all strive for a common goal: *planned and prioritized infrastructure projects that best serve the public.* We offer proven expertise in analyzing, master planning, and designing innovative infrastructure systems and solutions that are based on sound, sustainable engineering practices and decades of experience.

*We have developed relationships with public-sector clients at national, regional, state, and local levels to provide a wide range of expertise from under one roof.*



### ENGINEERING

We offer the full suite of engineering planning and design expertise for water and wastewater, structures, traffic and transportation, electrical instrumentation, mechanical, and public infrastructure projects. We participate from beginning to end with our in-office design staff and our construction engineering experts who are responsible for field administration and inspection.

### SPATIAL DATA

Survey and mapping services allow us to participate in the projects at the very early stages of development, collecting the data upon which planning and design are based. BHI is industry-known for the investment we have made in efficient data gathering tools that complement our knowledgeable staff, allowing us to provide cost-effective, accurate, and appropriate data sets.

### ADVANCED TECHNOLOGIES

We have made a commitment to shaping and guiding the future of technology for BHI and our clients through our investment in in-house software, CAD, web, information technology, and graphic expertise. We have made a name for ourselves in the industry in the development of engineering software design tools. We also offer web site development, IT support, and CADD training and implementation services.



## **SPATIAL DATA (SURVEY AND MAPPING)**

BHI has performed thousands of boundary and geodetic surveys throughout the Southwest. We can provide:

- Surveying, land boundary surveys and legal descriptions
- Plat, annexation, legal description reviews
- Geodetic and photogrammetric control points for mapping/GIS
- GIS database development
- State-of-the-art GPS
- Photogrammetry/mapping
- Spatial data acquisition
- Right-of-way

## **COMMUNITY DEVELOPMENT AND PLANNING**

We provide the specialized skills to produce solutions for a wide range of public and private projects, creating spaces that are livable, sustainable, and efficient. Our skill sets include:

- Stormwater management plans
- State stormwater permitting
- Site feasibility studies
- Site layout and access
- Site development plans
- Zoning and entitlements
- Plan processing
- Construction permitting

## **MECHANICAL AND ELECTRICAL ENGINEERING**

Our broad experience includes providing responsive engineering solutions to our clients. Our services include:

- Facilities infrastructure design
- Natural Gas Utilities
- Building Systems
- Mechanical engineering (process, piping, and HVAC)
- Electrical engineering (power, controls, SCADA, communications, and lighting)

## **TRANSPORTATION**

Over decades, our traffic and transportation planning and design expertise has evolved into one of our core services. BHI plans, analyzes, and designs:

- Transportation master plans
- Interstate and US Highways
- Interchanges
- Intermodal/multi-modal systems
- Rural roadways
- Urban arterials
- Intersections
- Lighting and illumination plans
- Traffic studies
- Corridor analysis
- Planning documents
- Traffic signal systems
- Streetscape/urban enhancement
- Pedestrian, bicycle, and equestrian facilities
- Airports and aviation

## **STRUCTURAL ENGINEERING AND BRIDGE EXPERIENCE**

We have experience with many types of structures over the last half century including:

- Stormwater infrastructure
- Large earth-retaining systems
- Structural evaluation of municipal facilities
- Structural inspections
- Structural design for substations and plants

Our bridge design experience includes:

- Rehabilitation
- Damage repair
- Evaluations/assessments
- Scanning and model generation
- Inspections and sufficiency ratings
- Seismic screening
- Rendering and animations
- Interstate, highway, and municipal bridges
- Pedestrian bridges

## **WATER/WASTEWATER UTILITIES**

BHI has proven experience in providing analysis, master planning, and design of water and wastewater systems.

- Planning and modeling
- Source assessments and development
- Treatment systems and plants
- Elevated, ground, and sub-surface storage
- Booster pump stations
- Distribution mains and Transmission lines
- Permitting services and O&M solutions

## **WATER RESOURCES**

For more than five decades, BHI has provided flood control planning studies and storm drainage system design. Our expertise includes:

- Hydrology and hydraulic analysis and modeling
- Optimization of existing drainage facilities
- Drainage and watershed management planning
- Design of new drainage infrastructure
- Flood plain revisions and insurance studies

## **CONSTRUCTION ENGINEERING**

BHI's Construction Engineering group's proactive approach helps keep projects on track, on schedule, and within budget.

- Constructability review
- Cost estimating
- Bidding and contract management
- Inspection and observation
- Materials quality control testing