

**SERVING  
NEW MEXICO  
FROM CONCEPT TO  
CONSTRUCTION**

Engineering  
Spatial Data  
Advanced Technologies



## CONTACT US

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## CONNECT WITH US

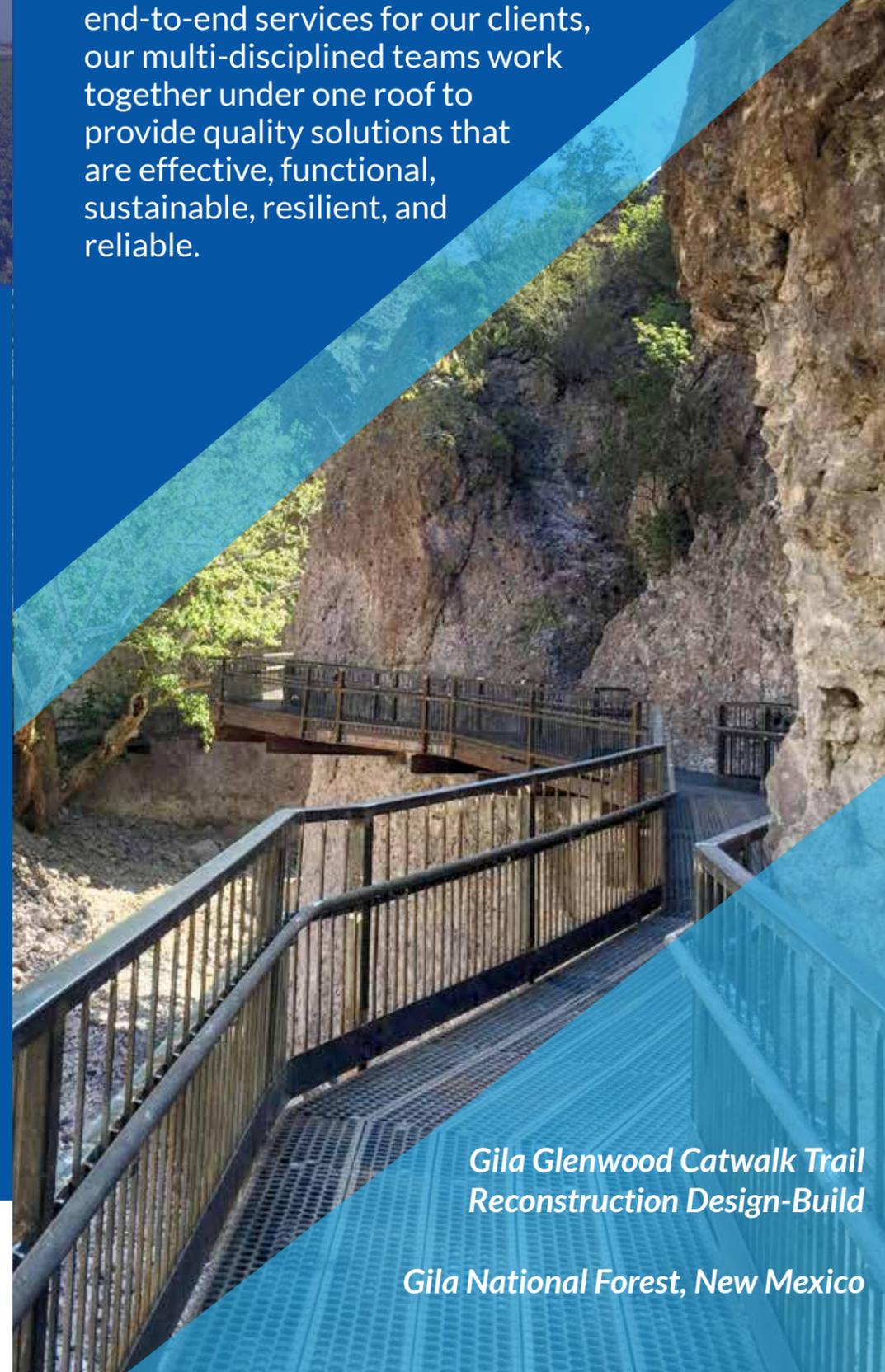
@bohannanhuston



[www.bhinc.com](http://www.bhinc.com)

## ABOUT US

Since 1959, Bohannon Huston, Inc. (BHI) has provided exceptional engineering and spatial data services to public and private clients. As part of BHI's commitment to providing end-to-end services for our clients, our multi-disciplined teams work together under one roof to provide quality solutions that are effective, functional, sustainable, resilient, and reliable.



*Gila Glenwood Catwalk Trail  
Reconstruction Design-Build*

*Gila National Forest, New Mexico*

## How can we help you?

### SURFACE WATER



BHI's drainage engineers apply innovative approaches for managing stormwater flows to minimize flood damage potential. We understand water is a resource and, as such, plan and design our projects to help sustain resilient communities. We successfully provide:

- Drainage and watershed management planning
- Flood control analysis and design
- Stormwater quality monitoring
- Stormwater mitigation planning and design
- River restoration

### SITE DEVELOPMENT



BHI's LEED-Accredited Professionals develop the foundation to transform land into suitable sites for clients. Our multi-disciplinary talents include the diverse skillsets needed to produce public and private land development projects that are livable, sustainable and efficient. Our expertise includes:

- Residential, mixed-use and master-planned communities
- Commercial and retail sites
- Industrial sites
- Educational facilities

### AVIATION



BHI's aviation services cover the full project development lifecycle. Our strengths include an in-depth understanding of FAA processes and a history of providing aviation services at more than 40 airports throughout New Mexico. Our team provides:

- Runway, taxiway and airport design
- Airport master plans and action plans
- Grant administration and funding management

### WATER/WASTEWATER



Our engineers design public and private water and wastewater systems, from raw water to distribution and from collection to disposal. Our team integrates in-house expertise in structural, process, mechanical, electrical and instrumentation and controls engineering into our projects. We excel in:

- Water/wastewater system planning, design and construction support
- Water/wastewater treatment process and facility design
- Water system supply, transmission, storage and distribution
- Sanitary sewer collection and lift stations

### PLANNING



Our planning team offers feasible, implementable and cost-effective solutions to enhance the quality of life in local communities, regionally and state-wide. Our approach is comprehensive and considers multi-modal transportation, vulnerability, land-use and economic development linkages, as well as environmental sensitivity. Our GIS-based and visually appealing plans:

- Respect community priorities
- Prioritize recommendations based on available funding
- Offer realistic solutions with data-based decision-making
- Enhance the multi-modal transportation systems

### CONSTRUCTION



BHI's construction engineering team observes construction projects to certify that the projects are built in compliance with the contract documents. We facilitate effective communication between owners, contractors, project managers and reviewing agencies from project start-up to close-out to help stay on schedule and within budget. Our services include:

- Bidding and contract management
- Pre-construction meetings
- On-site observation and reports
- Post-construction certifications
- Materials testing services

### TRANSPORTATION



BHI's transportation engineers plan and design safe and efficient transportation systems for all modes of travel. We analyze future demands and design realistic solutions to allow travelers to safely reach their destinations. Our expertise lies in:

- Traffic analysis and studies
- Transportation planning and design
- Signal and lighting analysis and design
- Roadway and intersection design
- Interstate and interchange design
- Multi-modal transportation system planning and design

### MAPPING/GIS



Geospatial experts at BHI offer mapping development, spatial analysis and GIS-related services. We can produce and integrate data from mapping, GIS, geodetic and engineering surveying, photogrammetry and remote sensing as well as aerial, mobile and terrestrial LiDAR to produce accurate, quality deliverables to support:

- Infrastructure planning and design
- Disaster monitoring and risk assessment
- Built and natural terrain modeling
- Asset management and inventory

### MECHANICAL/ELECTRICAL



Our team brings a thorough understanding of the varying aspects of mechanical and electrical engineering for both commercial and municipal infrastructure facilities. Our services include:

- Mechanical engineering – commercial plumbing, fuel gas and HVAC system planning, design and construction phase support
- Electrical engineering – medium-voltage and low-voltage power distribution; interior and exterior lighting systems; instrumentation & process control data networks; SCADA planning, design and construction phase support

### STRUCTURES



Our structural team delivers innovative, functional, and cost-effective designs for bridges, buildings, drainage, water systems and industrial infrastructure. These designs are safe, sustainable and aesthetically pleasing, and they integrate with architectural, civil and mechanical systems, using BIM software to streamline design and plan production. Our expertise includes:

- Bridges and civil infrastructure
- Building design rehabilitation and renovation
- Seismic design and support of non-structural components
- Condition assessments and inspections

### SURVEY



Our Professional Land Surveyors, Certified Federal Surveyors, and Certified Survey Technicians provide all manner of surveying services from geodetic control, to topographic mapping, to boundary, right-of-way and cadastral services. We use state-of-the-art surveying equipment, including conventional, GPS and 3D scanning acquisition to provide:

- Geodetic and geomatic surveying
- Boundary, right-of-way and cadastral surveying
- GIS mapping and inventory survey
- Utility surveys and mapping

### NATURAL GAS DISTRIBUTION



BHI engineers know natural gas system design requires special attention to detail to provide safe and durable utility service. Our team has extensive experience in all work related to natural gas utility distribution. Our services include:

- Planning of high- and low-pressure pipeline distribution networks with associated computer modeling to establish design sizing criteria
- Design and construction support of polyethylene or coated-steel pipeline distribution systems
- Design and construction support of regulator stations for high- and low-pressure systems