

Asset Management Services



Bohannon  **Huston**

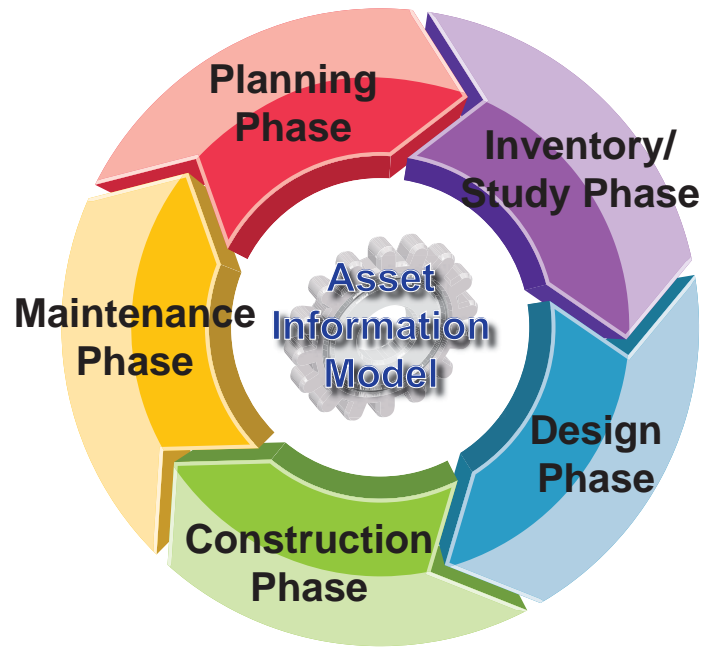
- 
- ▲ **Data Collection**
 - ▲ **Infrastructure Evaluation**
 - ▲ **Transportation**
 - ▲ **Water/Wastewater & Utility Systems**
 - ▲ **GIS/Web Mapping**
 - ▲ **Prioritization of Improvements**
 - ▲ **Alternatives Analysis**
 - ▲ **Cost Estimating**



Asset Lifecycle

Bohannon Huston, Inc. (BHI) has the expertise to help you and your staff manage mission-critical assets. By using a structured asset planning model, we are able to maximize the value of each asset throughout its effective life. As part of this process, we incorporate a risk assessment. That assessment weighs potential risks based on their likelihood and consequence of failure. Some of the benefits include:

- Optimizing maintenance budgets
- Extending the life of assets
- Support for funding applications
- Ability to prioritize repair decisions
- Improved emergency response
- Critical data for capital improvements program planning
- Facilitating regulatory compliance
- Reduction of operational and financial risk



Core Asset Management Basics

With expertise in engineering, spatial data, and advanced technologies, Bohannon Huston is able to assist clients with each of the core asset management components.



Asset Management Projects

Utility Asset Inventory Pilot provided a needs assessment for a City with financial constraints. We used existing mapping and orthophoto datasets to develop an updatable GIS database of the City's water and sewer infrastructure.



Middle Rio Grande Endangered Species Database Management System gathered disparate data and incorporated it into a web-accessible, multi-disciplinary, spatially referenced database. Users are able to access the data through GIS maps and tables and through ad-hoc queries.



Stormdrain Master Plan Update created a GIS database including almost 200 projects from 23 drainage master plans dating back to 1981 and created a prioritization plan for projects. Tables and exhibits will summarize the city-wide drainage projects by cost, floodplain, and other variables.



Tanoan Pavement Management Plan was a 5-year plan for maintaining and replacing pavement in a community. After evaluating the existing pavement, Bohannon Huston recommended routine maintenance for each section, including seal coats, milling and overlay.



Sandoval County Management Plan incorporates a planning methodology and transportation infrastructure database to support local communities in project prioritization. Each community can develop its own unique criteria, and the process requires minimal effort and software.

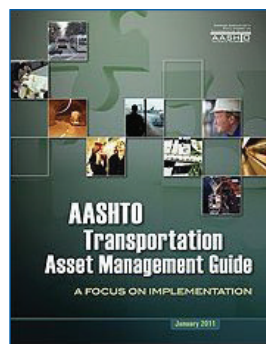


Water/Wastewater and Utility Systems

BHI can provide field data collection, mapping, GIS, and database solutions for asset inventory conduct condition assessment inspections, evaluate and prioritize improvement projects, make your data accessible over the Internet, and provide planning from utility master plans to asset management implementation.

Transportation Asset Management

Transportation Asset Management is a business model, decision support system, and management approach to support strategic allocation of funds for maintenance and improvements. BHI can help you design your TAMP, evaluate goals, objectives, and data gaps, and educate your stakeholders on the process.



Safety Management

Incorporating safety into your transportation asset management plan allows your agency to relate safety records to physical assets. Sharing this data amongst different departments, divisions, or agencies adds value and substantiates decisions used to guide programs. BHI can compile, analyze and map your data and recommend a process for prioritizing improvements based on all the available data.

Who We Are...

BHI has assisted numerous clients to inventory and manage assets. Our field inspectors document existing conditions, and provide the data needed for thorough capacity evaluations, forecasting future service conditions, and prioritizing maintenance or replacement of assets. Specialized services such as GIS data acquisition and database development, building information modeling, hydraulic and hydrologic modeling, network assessments, and laser scanning help us provide data that can be used for strategic planning. The result is asset management services scaled to the specific needs of each client.



Albuquerque



Denver



Las Cruces

Our Asset Management Services include:

- Asset Inventory Survey and Mapping
- Database Management
- Geographic Information System Solutions
- Data Integration and Aggregation
- Field inspection
- Capacity evaluation
- Bridge and roadway assessments
- Forecasting future service conditions
- Scoring assets based on available information
- Cost estimates for rehabilitation and replacement of assets
- Estimating remaining life of assets
- Prioritization of repairs/replacements
- Alternatives analyses
- Recommended phasing
- Recommended capital improvements plan over the planning period

In New Mexico:

Albert Thomas, PE
Senior Vice President
athomas@bhinc.com

7500 Jefferson Street NE
Albuquerque, NM 87109
505.823.1000
505.798.7988 fax

In Colorado:

Denise Aten, AICP
Vice President
aten@bhinc.com

Meridian One
9785 Maroon Circle, Suite 140
Englewood, CO 80112
303.799.5103
303.799.5104 fax

Bohannon  Huston

www.bhinc.com

Albuquerque • Denver • Las Cruces