Asset management is the process of guiding the acquisition, use, and decommissioning of assets to make the most of their service delivery potential and to manage related risks and costs over their entire life. Infrastructure systems are expanding and becoming more complex, and their reliability is becoming more essential.

**Available System Features**

- GIS-based asset inventory development and maintenance
- Integrated map-based documents management
- Dynamic asset valuation (adherence to GASB 34 requirements)
- Asset condition assessment and monitoring
- Quality of service management
- Maintenance scheduling, tracking, and reporting
- Risk assessment and management
- Capital improvement planning and budget forecasting
- Knowledge and data control with universally accepted data formats and best practices
- Scalable web-based application, no software to install, and minimal IT support required

**CENTRALIZED, PRIORITIZED, AND STREAMLINED ASSET CONTROL**

Kleinfelder’s asset management capabilities support decision-making to help determine how to operate and maintain existing and new civil infrastructure and facility assets, as well as how modifications will impact future operations. Our asset management systems enable asset data to be centrally located, easily managed, and securely shared with all departments and approved team members.

Kleinfelder has managed large groups of assets, including dams and levees, roads, bridges, and facilities, as well as water, wastewater, and stormwater related projects. We have proven experience with evaluation and determination of repair and maintenance efforts.
Kleinfelder offers an integrated, multi-disciplinary approach to managing the lifecycle of assets using the latest in Geographic Information Systems (GIS) and Building Information Modeling (BIM) technologies. We can ingest any kind of documentation, paper or electronic, that you have regarding above or below-grade infrastructure and use it to create interactive, accurate, data-rich, standards-based models of your site for use in planning, design, operations and maintenance. This approach can save time and money, mitigate risk, and improve stakeholder involvement and collaboration.

Kleinfelder prides itself on being at the cutting edge of design technology through our investments in technology and staff training. Our architectural, structural, and civil engineering staff use Revit™ software extensively. By combining it with NavisWorks™, we conduct clash detection for all disciplines, including out-of-house mechanical/electrical engineers. In cooperation with the construction manager and owner, we begin with a BIM Integration Plan to establish shared responsibilities, items of coordination, submission milestones, and review processes. Throughout construction, we update the BIM model to incorporate as-built conditions.

Kleinfelder’s BIM services provide guidance and support to effectively maintain and operate infrastructure assets. We work with you to systematically evaluate maintenance management practices and develop strategies to extend the service life of infrastructure and meet applicable safety and performance standards.