



## Establishing a Comprehensive, Data-Driven Strategy

Without the right information about the condition of your facilities, assets and systems, it's difficult to plan and predict future capital needs and investment costs. You need data and benchmarking metrics to make well-informed critical choices regarding your facility or complex of facilities. Stanley Consultants can help you perform the forensic assessment and measurement of your buildings and systems to validate your engineering decisions and make your facilities more energy and operationally efficient.

We start by listening to your operational, maintenance and energy goals, as well as financial drivers. We explore construction and renovation documents, maintenance reports, building systems information as well as perform our own field investigation surveys customized to your needs. We identify, categorize, analyze and document critical system condition, life expectancy, capacity, deficiencies, deferred maintenance, upgrades, retrofits, modifications and code compliance improvements.

We provide the information in a user-friendly way that includes database-driven information, design options and construction estimates. Our engineering team collaborates with you to prioritize and develop short- and long-term strategies that will improve your energy, operational and maintenance costs for the future.

Leveraging data can transform capital investment planning and project development.





Our assessment services can help you improve critical infrastructure, extend the life of your facilities and equipment and predict your return on investment for better capital investment planning.

Facility Assessment Elements:

- » Site Condition – includes access, circulation, wayfinding, pavement condition, site utilities, grading and landscaping.
- » Asset Management – asset information and work order management, including mobility, maintenance, repairs and operations (MRO) and material management.
- » Building Envelop – includes structural conditions, including roof, exterior walls, windows and exterior doors.
- » Infrastructure – includes HVAC, plumbing, fire protection, electrical, building and plant controls, telecom and data, security, process systems, equipment rooms and specialty systems for kitchens, laboratories and training areas.
- » Health Threats – such as mold growth, asbestos, lead-based paints and indoor air quality.
- » Environmental Compliance – includes air, water, gas, waste and noise.

## ASSESSMENT SERVICES

- » Capital Project Planning
- » Capital Budget Development
- » Energy Usage and Efficiency
- » Life Safety Assessment
- » Asset Management
- » Executive and Board Level Presentations and Reports
- » Facilities Management and Capital Planning Process Analysis
- » Feasibility Studies
- » Life-Cycle Analysis
- » Long-Range Capital Cost Analysis
- » Master Planning
- » Optimization Evaluations
- » Portfolio Analysis and Alignment
- » Quality and Reliability
- » Risk Mitigation
- » Sustainability



## RELEVANT FACILITY ASSESSMENT PROJECTS

Client Name	Project Name	Location
U.S. Army ERDC (CERL)	Raven Rock Energy Assessment	Champaign, IL
USACE, Engineering Research and Development Center	Energy Engineering Analysis Program Condition Assessments	Multiple U.S. Army Installations
NAVFAC Atlantic	Miscellaneous Studies, Utility Asset Management Master Plan	Camp Lemonnier, Djibouti
U.S. Army Engineering Research and Development Center	Energy Conservation and Environmental Control	Multiple U.S. Locations
U.S. Army COE, Tulsa District	Military Base Buildings and Utility Modifications and New Design	OK and TX Military Bases
U.S. Army COE, Huntsville Engineering and Support Center	88th Regional Support Command (RSC) Facility, Equipment and Infrastructure Inventories	Multiple U.S. Locations
U.S. Army COE, Middle East District	Military Air Base Master Planning, Reconstruction and New Facility Design	Kuwait
Prime AE Group, Inc. and U.S. Army COE	USACE Mobile Facility Condition Assessments	Vicksburg, MS
USACE Rock Island District	Starved Rock Visitor Center and Central Control Station FCA and Renovation	Multiple Locations in IL
Baker-Stanley-Cardno JV and U.S. Air Force, Under Secretary of the Air Force	Dyess AFB PCI Survey	Dyess AFB, UT
Parsons and Air Force Civil Engineer Center	Comprehensive Audit - Sustainable Infrastructure Assessments (SIA)	Multiple U.S. Air Force Bases
NAVFAC Europe Africa Southwest Asia	Utility Asset Management Master Plan, Various Studies CLDJ	Camp Lemonnier, Djibouti
U.S. Air Force, Grand Forks Air Force Base	Repair Fuel Cell in Hangar 613	Grand Forks AFB, ND
NAVFAC Atlantic	MIDLANT Building Retrofit Cx (Retro-Commissioning) Studies	Naval Station Norfolk, VA
U.S. Department of Homeland Security	Immigration and Customs Enforcement Facility Condition Assessment	California
Department of Homeland Security Immigration and Customs Enforcement	Service Processing Center Facility Condition Assessment	Washington, DC
U.S. Fish and Wildlife Service	Crab Orchard Headquarters FCA and Renovation Study	Marion, IL
U.S. Immigration and Customs Enforcement	Facilities Condition Assessments and Real Property Assessments	Multiple U.S. Locations
Antioch University	Facilities Condition Assessment	Yellow Springs, OH
Winona State University	John Nett Recreation Center Condition Assessment	Winona, MN
University of Georgia	Health Sciences Campus Plant Assessment	Athens, GA
Texas Facilities Commission	GJ Sutton Complex Condition Assessment	Austin, TX
Texas A&M University	Heating Hot Water (HHW) and Chilled Water (CHW) Systems Condition Assessments, 15	College Station, TX
Cushman and Wakefield	HVAC Condition Assessment	Lake Elmo, MN