US FEDERAL PROGRAMS

Stantec

US Federal

SAME Tulsa Monthly Luncheon
Stantec Spotlight
15 August 2023

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Stantec At A Glance

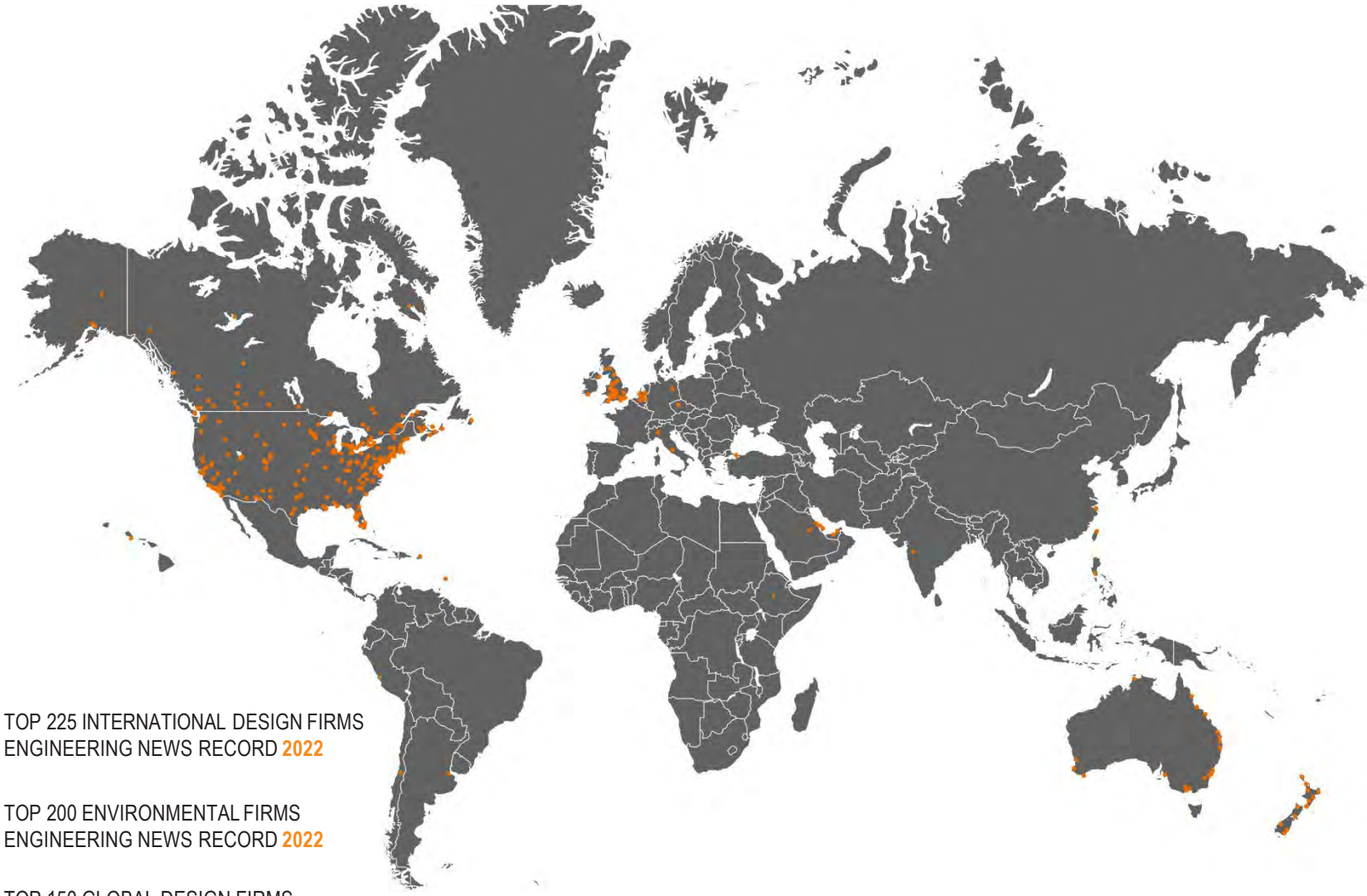
1954 Stantec founded

$6.6 billion Market Cap

26,000 Employees globally

6 Continents we operate in

400+ Locations worldwide



GLOBALPRESENCE
FIRM RANKINGS

#1 TOP 100 GLOBAL MOST SUSTAINABLE CORPORATIONS AMONG INDUSTRY PEERS CORPORATE KNIGHTS 2023

#2 TOP 160 GOVERNMENT SECTOR AE FIRMS BUILDING DESIGN + CONSTRUCTION 2022

#1 TOP 10 ENGINEERING FIRMS – FEDERAL COMMERCIAL CONSTRUCTION & RENOVATION 2022

#8 TOP 225 INTERNATIONAL DESIGN FIRMS ENGINEERING NEWS RECORD 2022

#12 TOP 200 ENVIRONMENTAL FIRMS ENGINEERING NEWS RECORD 2022

#11 TOP 150 GLOBAL DESIGN FIRMS ENGINEERING NEWS RECORD 2022

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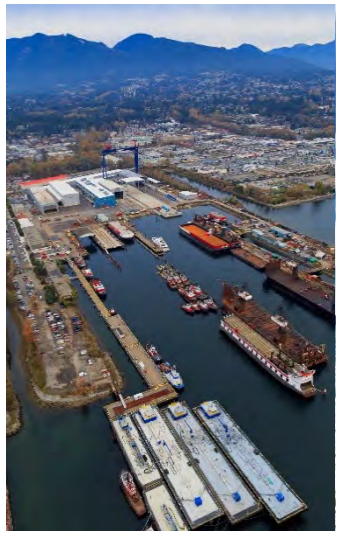
Stantec's Business Lines



Infrastructure

Federal
Bridges
Community Development
Roadways
Transit & Rail
Water

Buildings

Federal
Airports & Aviation
Civic
Commercial
Education
Healthcare
Industrial Buildings
Science & Technology

Environmental

Federal
Buildings
Community Development
Mining
Oil & Gas
Power
Transportation
Water

Energy & Resources

Federal
Mining
Oil & Gas
Power
Waterpower & Dams

Water

Federal
Client Enterprise Systems
Conveyance
Waste Management
Wastewater Treatment
Water Resources Infrastructure
Water Resources Planning & Management
Water Treatment
Wet Weather Flow & Urban Stormwater

Stantec's Federal Program quick stats

85+
Years of experience with US Federal Government

200+
Active Federal Contracts as Prime, JV or Sub

320+
Project Managers on active Federal projects

750+
Active partnerships with Small Disadvantaged Businesses

13,576
Total DoD Task Orders

2023
Military Friendly ® Employer

US Federal.
Our nation is our community.

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The Military Engineer - TME

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Stantec's Primary NAICS Codes

- **541330** Engineering
- **541310** Architectural
- **541360** Geophysical Surveying and Mapping
- **541370** Surveying and Mapping
- **541712** Research and Development in the Physical Engineering, and Life Sciences
- **541611** Administrative Management and General Management Consulting
- **541210** Facilities Support
- **541320** Landscape Architectural
- **541618** Other Management Consulting
- **541690** Other Scientific and Technical Consulting
- **541410** Interior Design
- **541380** Testing Laboratories
- **541620** Environmental Consulting
- **237310** Highway, Street, and Bridge Construction
- **237990** Other Heavy and Civil Engineering Construction

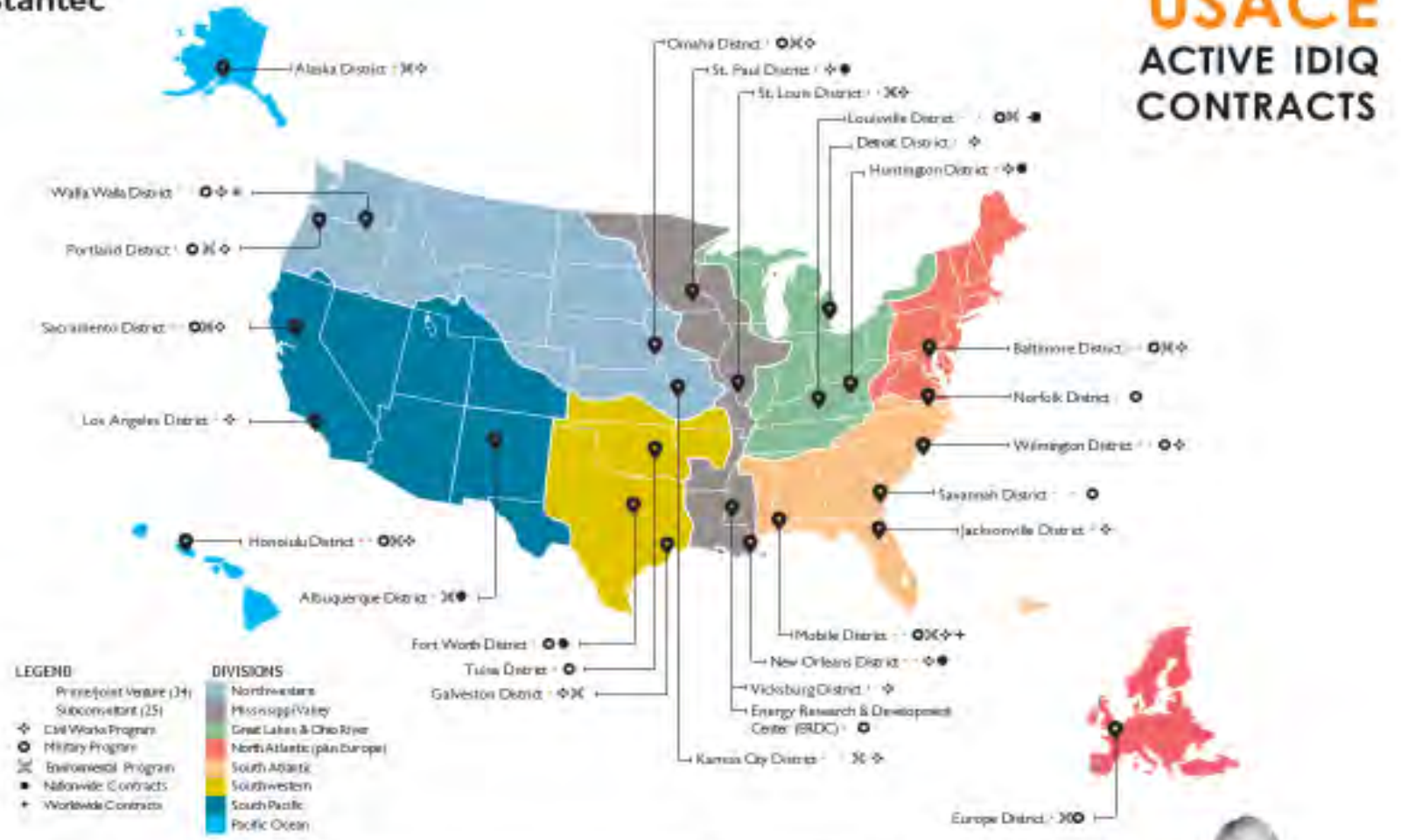
Key clients

The appearance of U.S. Department of Defense (DoD) visual information does not imply or constitute DoD endorsement.

The appearance of U.S Federal Agency visual information does not imply or constitute endorsement of any kind.

Stantec

USACE
ACTIVE IDIQ CONTRACTS



PAST PERFORMANCE

80+
Year relationship with USACE

960+
Task Orders executed in the last 10 years under IDIQ contracts with USACE

TEAM CAPACITY

26K+
Company-wide Resources
Professional and technical staff in over 400 locations globally

$400M+
Completed work for USACE Districts in the last 10 years
Services provided to all 38 Districts worldwide

SMALL BUSINESSES

73%
Of total subcontracted work went to small businesses as of September 30, 2022

FOCUS ON QUALITY

9001: 2015
ISO Certified Quality Management Program
We share USACE's emphasis on quality

April Vance, PE
USACE Account Manager
[redacted]
m: (520) [redacted]

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Marine Barracks Washington (MBW), Installation Master Plan

Stantec designed a Master Plan to serve as a tool for all echelons of decision-making relative to MBW's future physical development. The Plan followed the five-step process outlined in the Unified Facilities Criteria (UFC) 2-100-01 Installation Master Planning and was consistent with the Marine Corps Order (MCO) 11000.12.

Honor Award: Outstanding Area/Site Development Plan

"…represents a renewed vision and development plan for the nation's oldest continuously active Marine Corps installation. The plan embraces its urban location and historic character, resulting in a unique blend of historic preservation, context-sensitive urban infill and development plans for highly constrained sites, and integration with adjacent neighborhoods." **- Federal Planning Awards Program Jury Remarks**

Washington, D.C.

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Planning charrettes for effective repurposing of aging buildings

Stantec consulted relevant stakeholders, researched resources, and gathered input from end users for a building to be used for safe handling and efficient storage for ready-for-issue parachutes. Repurposing a current building was the selected course of action. Stantec provided:

- Space programming for improved footprint of current building
- Minor addition and provides room for the future expansion

The ability to locate washing, drying, repair, packing and storage functions in the closest possible proximity will allow the tenant to execute their mission.

Zutendaal, Belgium

Photo by Staff Sgt. Jason W. Edwards. The appearance of U.S. Department of Defense (DoD) visual information does not imply or constitute DoD endorsement.

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Public Involvement Meetings for the Navy Old Town Campus Revitalization Project

- Public Outreach and Engagement Plan, a project website, project mailing list, and established a project email address and telephone information line.
- provided risk communication training to prepare the project team for interfacing with the public and planned and managed logistics for the public meetings.
- Two virtual public meetings were held via Zoom Webinar, and the presentation recording was placed on the project website.

NAVFAC
Naval Facilities Engineering Systems Command

San Diego, California

US FEDERAL PROGRAMS

Environmental Impact Statement for Special Use Airspace Optimization

Stantec conducted an EIS and supporting studies for the proposed optimization of military training airspace in New Mexico. Stantec did the following:

- Reviewed existing airspace
- Created new airspace
- Modified existing airspace
- Returned airspace to the National Airspace System
- Detailed analysis of civilian and military air traffic usage

AWARD: APA Federal Planning Division Award - Outstanding Collaborative Planning

Holloman AFB, New Mexico

Photo: U.S. Air Force photo by Airman 1st Class Adrian Salazar. The appearance of U.S. Department of Defense (DoD) visual information does not imply or constitute DoD endorsement.

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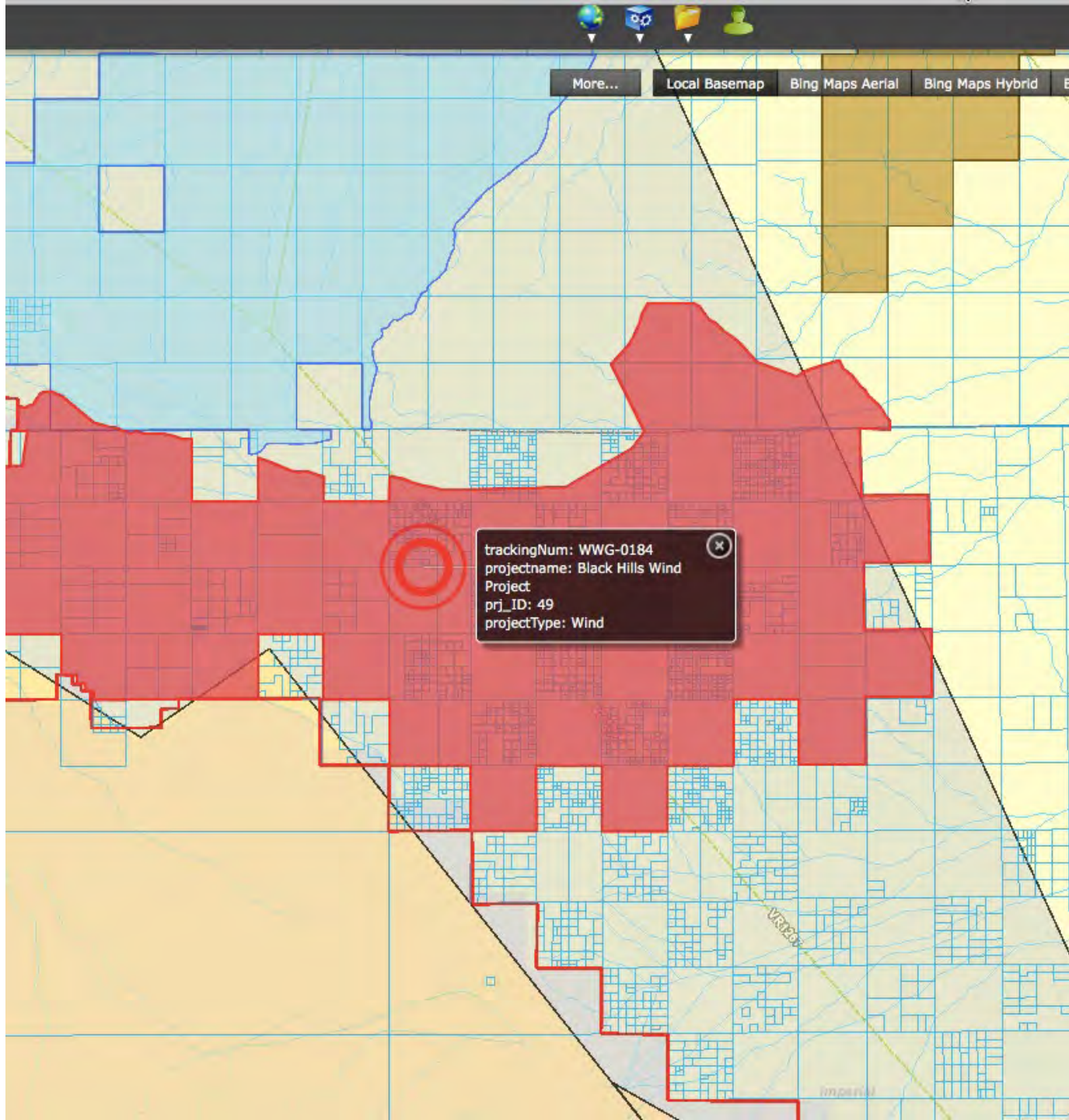
Encroachment Planning Services

Stantec has worked closely with our client and subcontractor to develop and significantly expand and improve the capability of the Mission Compatibility Analysis Tool (MCAT) and to improve the Encroachment Management Implementation (EMI) functionality within MCAT to better facilitate storage of and interaction with key encroachment management plans and supporting data.

- MCAT provides a comprehensive database and mapping tools to visualize, document, monitor, and resolve potential encroachment issues and constraints on the military mission
- MCAT has been designated as Navy's Enterprise encroachment tool



California

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Embracing Asset Management Taking Steps Toward Success

- **Innovation** - An outstanding reputation as a pioneer in BUILDER™, including proprietary tools BUILDER QC and BDC
- **Expertise** - Safely conducting multisite, multiple-component & enterprise-wide BUILDER™ efforts worldwide

480M+ SF
Assessed

43,000+
Buildings assessed/ re-assessed

Appeared in SAME's *The Military Engineer*

US FEDERAL PROGRAMS

BUILDER™ Sustainment Management System (SMS) Implementation

Stantec helps our clients meet their mission objectives within a budget constrained environment through data-driven facility and infrastructure investment decision support. We provide our clients an inclusive and systematic view of facility asset condition across their portfolio using the web-based BUILDER SMS™ application. BUILDER™ data and information provide comprehensive insight into aging assets, enabling clients to identify and prioritize facility investments and link them to their mission.

- Total SF (initial and reinspection): **489K+**
- Total buildings (inspected/reinspected): **43,297**

IMCOM

US Army Corps of Engineers

Worldwide

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A global leader in sustainable design and engineering

Stantec was named one of Corporate Knights' 2023 Global 100 Most Sustainable Corporations in the World and recognized in the Top 10 globally for climate action.

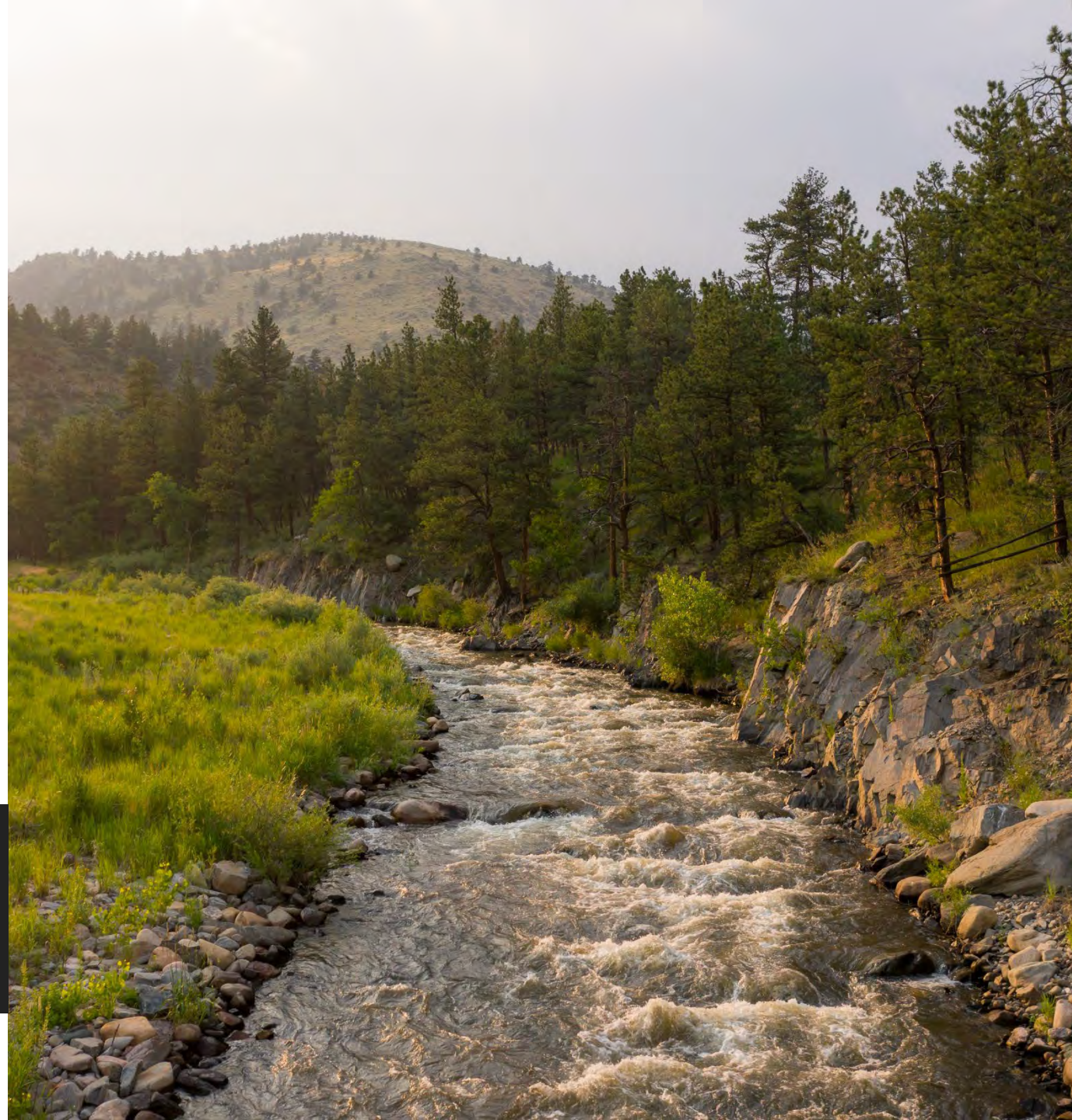
#7

2023 Global 100 Most Sustainable Corporations in the World

A- Score

Recognized by CDP as a demonstrated leader in climate change action

"We are very proud of the contribution we are making toward the achievement of the United Nations' Sustainable Development Goals and are committed to our continued focus on climate and sustainability leadership for our organization, and our clients and communities." **–Gord Johnston, Stantec President and Chief Executive Officer**



Appeared in SAME's *The Military Engineer*

US FEDERAL PROGRAMS

Enhancing resiliency & protecting habitats

Stantec is collaborating with public and federal stakeholders to support design and hydrodynamic modeling for the Cedar Island Marsh creation project, aimed at improving barrier-island and marsh resilience and protect against coastal erosion and island breaching.

Using an innovative, science-based design, the restoration plan consists of natural and nature-based features and will lead to a contiguous back-barrier marsh habitat for the most vulnerable areas of the island allowing for natural barrier-island rollover, enhanced resilience against storm events and sea level rise, and increasing the value of carbon storage benefits. Stantec is also preparing to support the final project design and permitting phase beginning in January 2023.

Cedar Island, Virginia
Appeared in SAME's *The Military Engineer*

US FEDERAL PROGRAMS

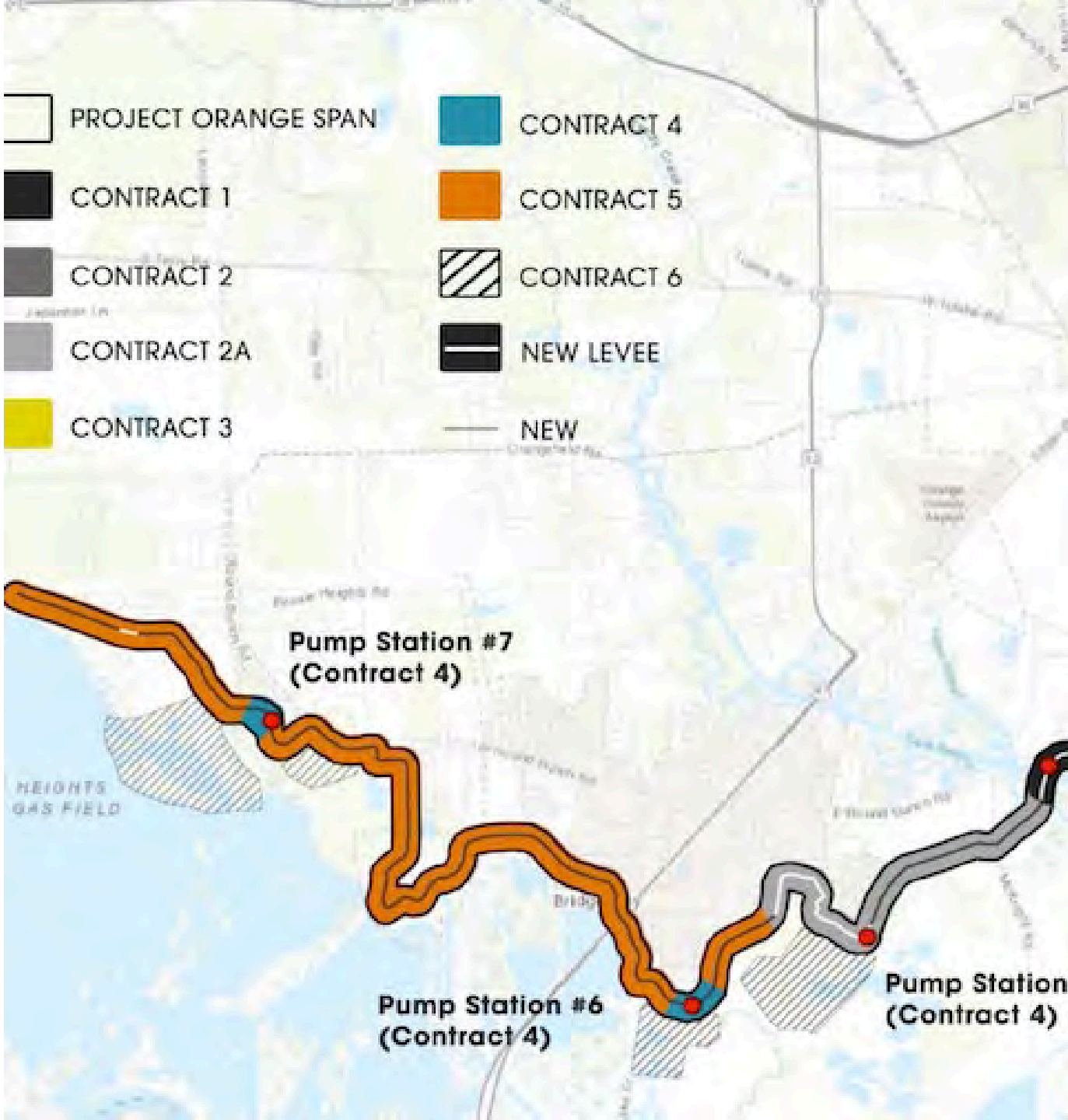
USACE Galveston District: Sabine Pass to Galveston Bay Coastal Storm Risk Management and Ecosystem Restoration

Will increase the area's preparedness to respond to natural disasters and disturbances. It will also increase resistance to long-term impacts due to climate change – including sea level rise, land subsidence, increased frequency of abnormally heavy rainfall events, and regional drought.

- 26.7-mile-long levee and floodwall system
- 8-year design project
- $1.9B Construction Effort
- Lead Designer

US Army Corps of Engineers

Texas



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Amtrak Maintenance Facility and Sea Level Rise

Rising waters are drowning Amtrak's Northeast Corridor, the busiest stretch of rail in North America. Amtrak needed to better protect a key maintenance yard in Wilmington, Delaware from rising waters of the Delaware River.

- Performed a routing analysis to accurately evaluate the total capacity and flow of the facility
- Created a model to estimate water level changes within the facility as a response to projected water level variations
- Developed effective options to protect the maintenance yard
- Modeling was completed using a routing analysis making the process more efficient, resulting in a shorter timeframe and quicker results

Wimington, Delaware

US FEDERAL PROGRAMS

Prime Hook National Wildlife Refuge Restoration

Prime Hook National Wildlife Refuge provides critical stopover sites for migratory birds and is a habitat for many species of fish and wildlife. The Refuge was hit hard with disasters over the past decade - due to Hurricane Sandy, it underwent even more dramatic changes. To aide in 2 Miles of shoreline restoration, Stantec:

- Conducted a topographic and hydrographic survey
- Developed a hydrodynamic and salinity model
- Recommended an alternative for modifying and managing the Refuge under the new environmental regime post-Sandy
- Established vital systems that will give this critical habitat the strength it needs to endure, adapt, and thrive in the face of future storms

Milton, Delaware

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Katy Prairie Stream Restoration

Katy Prairie Stream Mitigation Bank is the first stream mitigation bank in Texas and one of the largest in the world. Working closely with the client and other permitting agencies, Stantec provided ecosystem restoration and stream design services. Our work included:

- Comprehensive site and watershed assessment
- Developing a comprehensive design to provide flood risk management
- Incorporating a variety of functional elements aimed at supporting local flora and fauna
- Providing on-site construction support, engineering plan interpretation, and 3D surface generation for the construction of the channels and dozens of kettle wetlands
- Providing ongoing monitoring services for the project

Harris County, Texas

US FEDERAL PROGRAMS

Shoreline Protection at Jean Lafitte National Historical Park and Preserve

After the Deepwater Horizon (DWH) oil spill, fresh water was released into Lake Cataouatche in Jean Lafitte National Historical Park that resulted in the loss of submerged aquatic vegetation (SAV).

Stantec provided planning, environmental permitting, hydrodynamic modeling, and design services that would create favorable conditions for the re-establishment of at least 50 acres (20 hectares) of SAV. We would also help protect the SAV from wave energy by engineering and designing an 11-mile (17.7-kilometre) breakwater structure along the shoreline.

Louisiana

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Marine Arctic Ecosystem Study (MARES)

Bureau of Ocean Energy Management (BOEM) led by Stantec has the goal of enhancing our understanding of the structure and functioning of the Arctic marine ecosystem in the eastern Beaufort Sea. Among project highlights:

- First time high-resolution, multi-disciplinary (bio-physical and chemical) cross-shelf mooring array
- A seven-week long multi-sensor glider mission
- Biogeochemical and meiofaunal analyses of sediments
- New technology successfully used to acquire valuable information on seal behavior and habitat use
- 25+ team members including universities, environmental research organizations, consulting firms, and private scientists

AWARD: 2019 NOPP Excellence in Partnering Award

Beaufort Sea Shelf, Alaska, Yukon, Northwest Territories

US FEDERAL PROGRAMS

Eielson Air Force Base Drinking Water Supply

Following the 2015 discovery of PFAS in the aquifer that supplied drinking water to Eielson AFB in Alaska, Stantec assisted in providing an alternative source of groundwater or treatment options to provide safe drinking water. Highlights for this project include:

- Feasibility Study to address PFOA/PFAS substances with GAC treatment recommended
- On-time delivery even though EPA reduced long-term health advisory in the middle of design
- Provided construction management and startup services
- Design and operation modified with no change to deadline

The outstanding delivery of the project and subsequent performance is exactly what Eielson AFB needed as it works to beddown two squadrons of F-35 aircraft by 2021….providing safe drinking water to a base population that will approach 8,000 people is a huge success story. **- KEVIN B. THOMAS, P.E., GS-14, AFCEC, Alaska Chief**

Eielson AFB, Alaska

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Aerospace Ground Equipment (AGE) Facility

As the lead design firm on this design-build contract, Stantec provided multidiscipline design services. We set out to construct a 25,000 SF AGE facility with a fuel fillstand and covered storage and supporting facilities.

The AGE facility includes:

- High bay service and maintenance shop
- Heated covered storage
- Run room
- Wash rack
- Three-ton bridge crane
- Oil water separator
- Building support space to accommodate the service and maintenance requirements of F-35A squadron

Eielson Air Force Base, Alaska

US FEDERAL PROGRAMS

F-35A Satellite Dining Facility

In support of the F-35A beddown program at Eielson Air Force Base, we were selected as the lead design firm for a new dining facility at this remote Alaska location.

- Designer of record for this sustainable 5,000 SF facility
- Designed with special foundations and structural systems to withstand wind loads, seismic effects and arctic conditions
- The facility includes an arctic entryway, a commercial kitchen, locker area, office, staff restroom, and storage room
- The facility achieved LEED Silver certification

US Army Corps of Engineers

Eielson Air Force Base, Alaska

US FEDERAL PROGRAMS

Pacific Fleet Maintenance Facility (FMF)

Stantec developed a sustainable port infrastructure solution for our client by applying key Resiliency Infrastructure design practices.

- 420,000 SF, $158M construction, multi-purpose Navy shipyard industrial building
- Included Shipyard Infrastructure Optimization Program (SIOP) variety of facility types, seismic requirements, partial building construction over the water and considerable footprint reduction and campus reorientation
- Waterfront operations had to be maintained at all times during construction

Canadian Forces Base Esquimat, British Columbia

US FEDERAL PROGRAMS

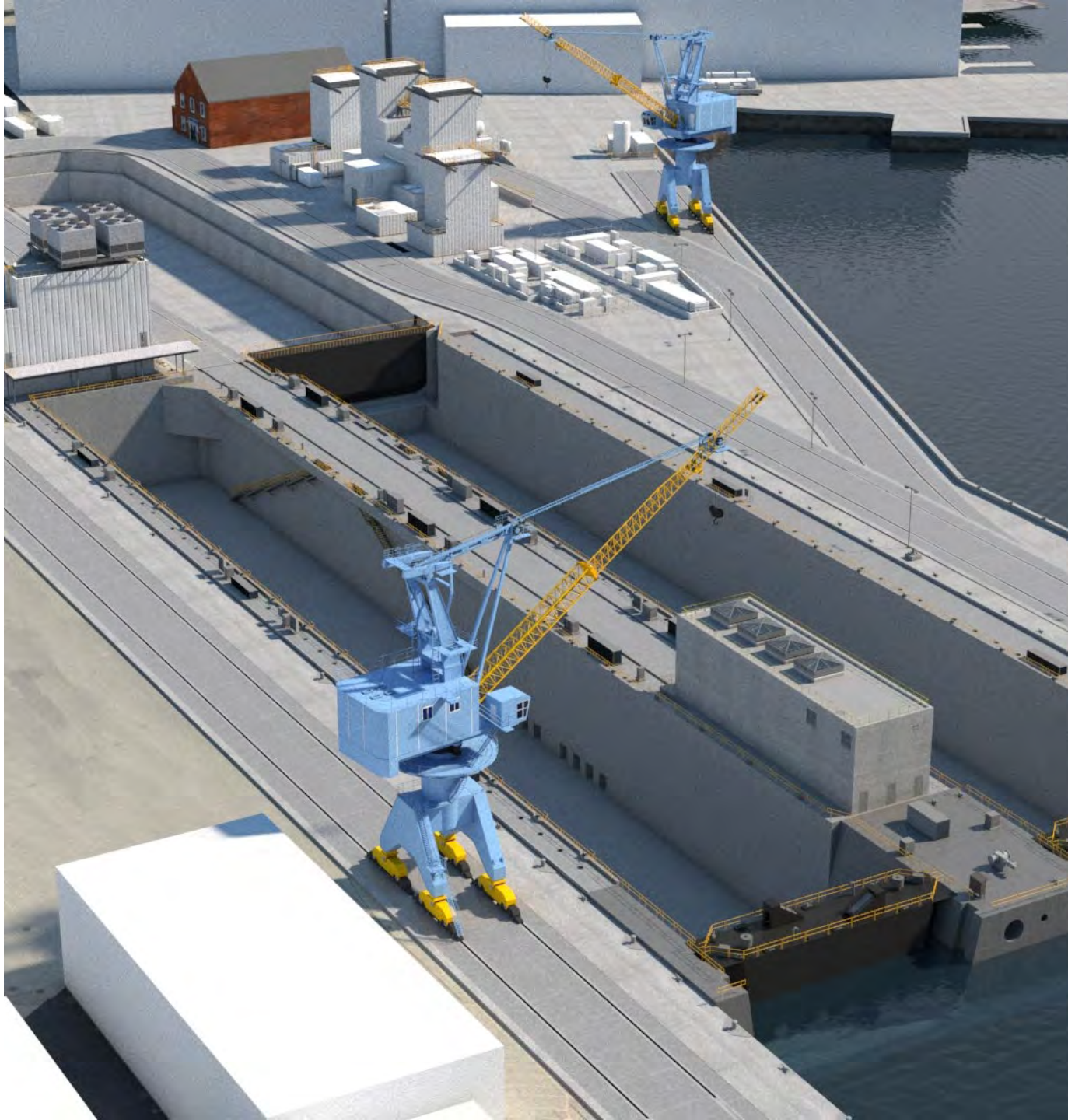
Portsmouth Naval Shipyard (PNSY) Multi-Mission Dry Dock #1

Stantec provided comprehensive preliminary design services to enhance the shipyard's capabilities to support the naval war fighter. One area of focus is dry docks—unique structures that allow vessels to be safely and efficiently docked in a dry working environment so that necessary overhaul, maintenance, or repairs can commence.

- Navy Shipyard Infrastructure Optimization Program (SIOP)
- Construction value designed $650M
- Only Dry Dock facility for Navy designed since WW II
- Lead designer

NAVFAC
Naval Facilities Engineering Systems Command

Portsmouth Naval Shipyard, Kittery, Maine



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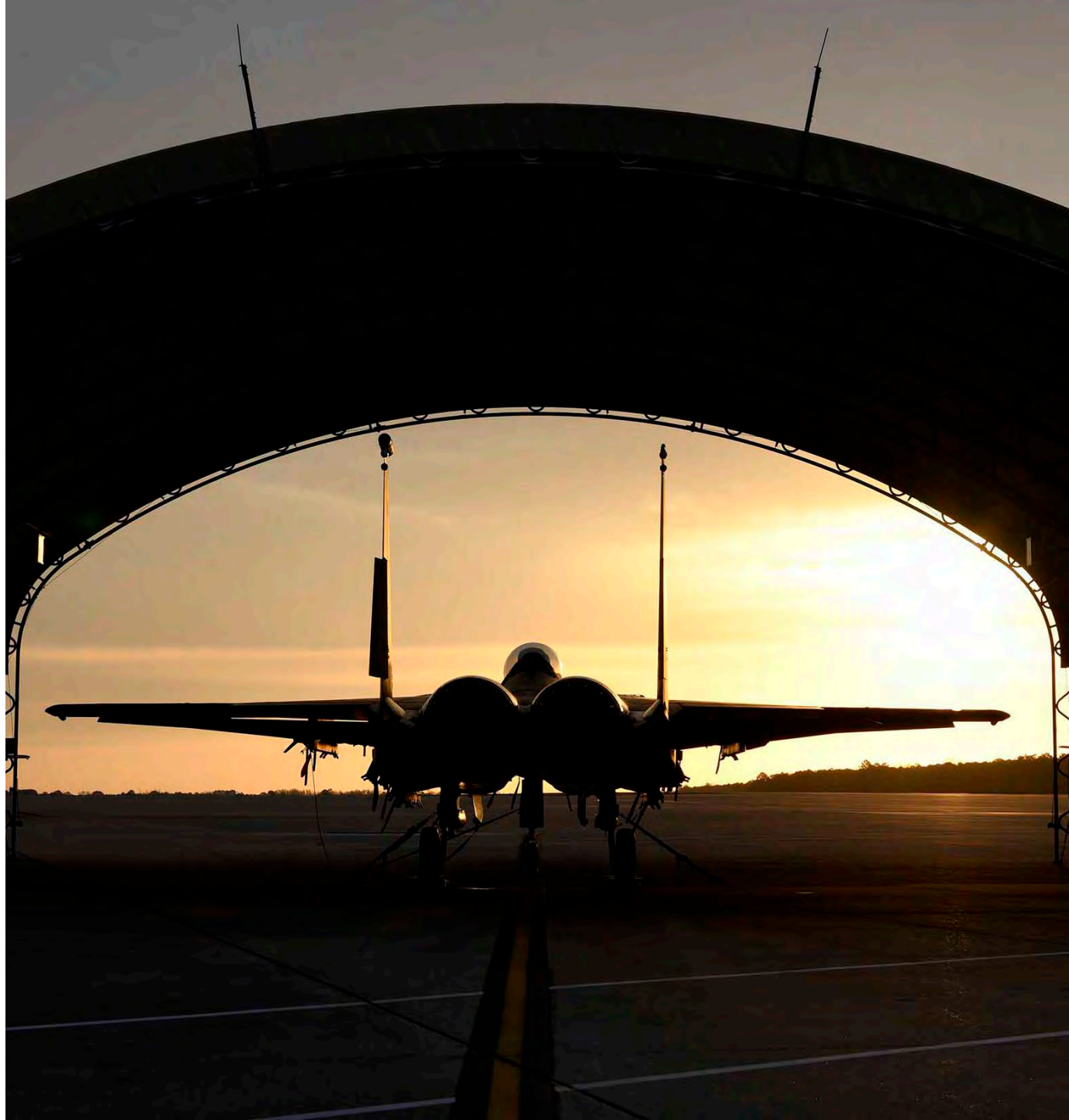
A/E Services Indefinite Quantity Contract

For the past 20 years Stantec has completed studies and designs for a variety of multi-disciplinary projects. These range from renovations and expansions of a variety of structures with varied roles including command and control facilities, to repairs of airfield pavements, roadways, and the water and sanitary sewer infrastructure that serves the base and its facilities.

We value building and maintaining strong relationships with our clients by providing exceptional service that focuses on and adapts to their objectives.



Seymour Johnson Air Force Base, North Carolina

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Range Communications Facility

The United States Army Corps of Engineers (USACE) needed a new facility to house their modern communications equipment and provide direct operational launch support, while also supporting squadron administration, maintenance, and other operations functions. Our job was design services for the single-story building and other site improvements.

Designed to withstand a category 3 hurricane, this new communications facility will bring all the servers for the East Coast Test Range together in one modern building to program and maintain, thus allowing for a much more efficient and secure operation.

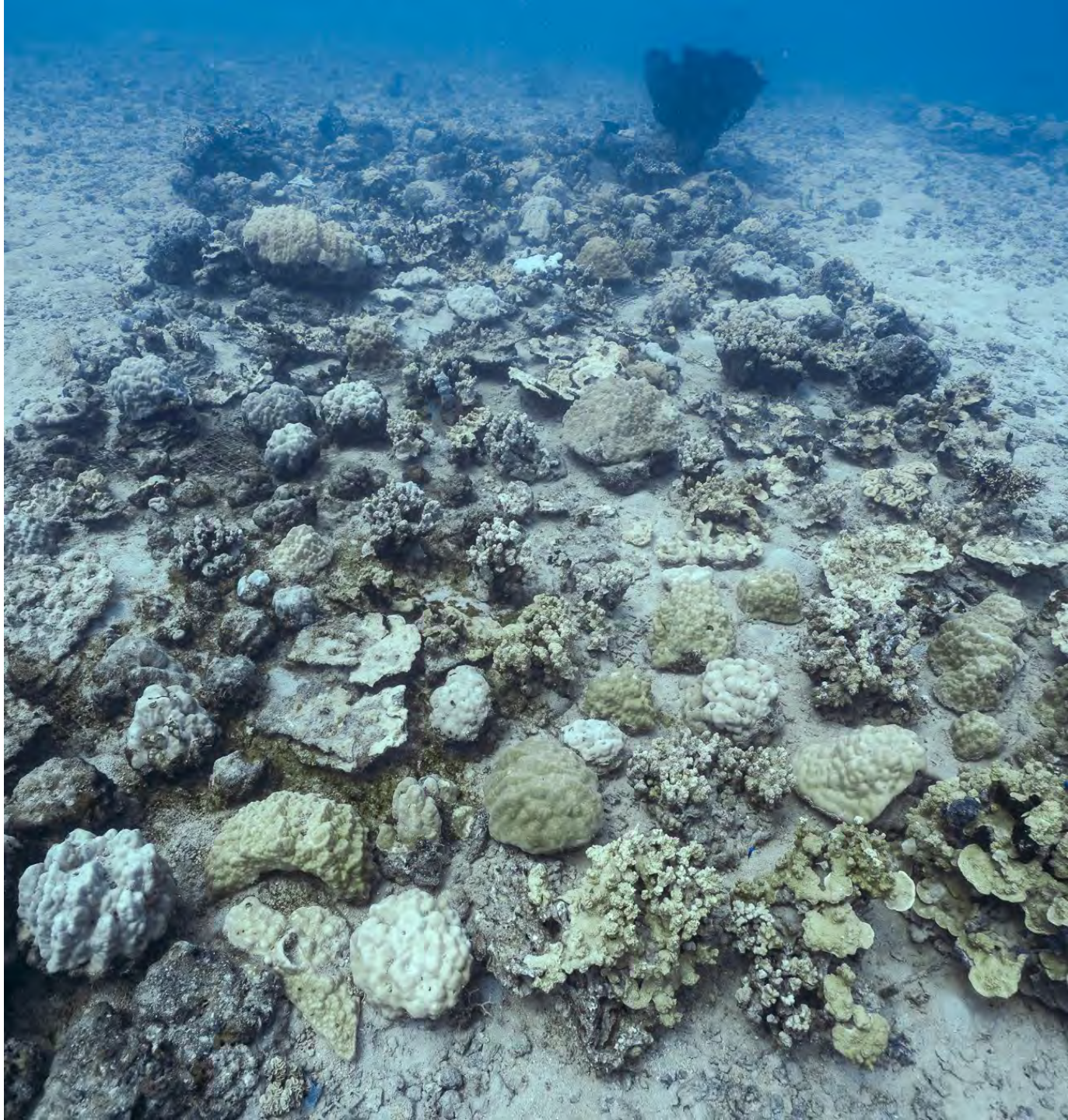
Cape Canaveral AFS, Florida

US FEDERAL PROGRAMS

Biological and Benthic Studies of the Main Pearl Harbor Shipping Channel

Our studies allow natural resource managers and Navy engineers to manage habitat alteration associated with maintenance dredging within Pearl Harbor's main channel and turning basin. We compiled a baseline biological and abiotic geo-database, mapped sea floor geologic contours, and modeled dredge sediment plumes.

Our mapping work has already led to the discovery of a new cultural resource—a previously unidentified wreckage in deep water near Hickam Warf and the crater field.



NAVFAC
Naval Facilities Engineering Systems Command

Pearl Harbor, Hawaii

what differentiates us?

Our values guide us

We put people first

We are better together

We do what is right

We are driven to achieve