Stantec's US Federal Services Programs

SAME Seattle Post

March 19, 2024

SR0

US FEDERAL PROGRAMS

Stantec At-A-Glance

1954	28,000+	6
Stantec founded	Employees globally	Continents we operate in
400+	STN	$9.74 billion
Locations worldwide	Traded on NYSE & TSX	Market Cap ($USD)

US FEDERAL PROGRAMS

Stantec's Federal Program at a glance

85+

Years experience with US Federal Government

190+

Active Federal Contracts as Prime, JV or Sub

300+

Project Managers on active Federal projects

750+

Active partnerships with Small Disadvantaged Businesses

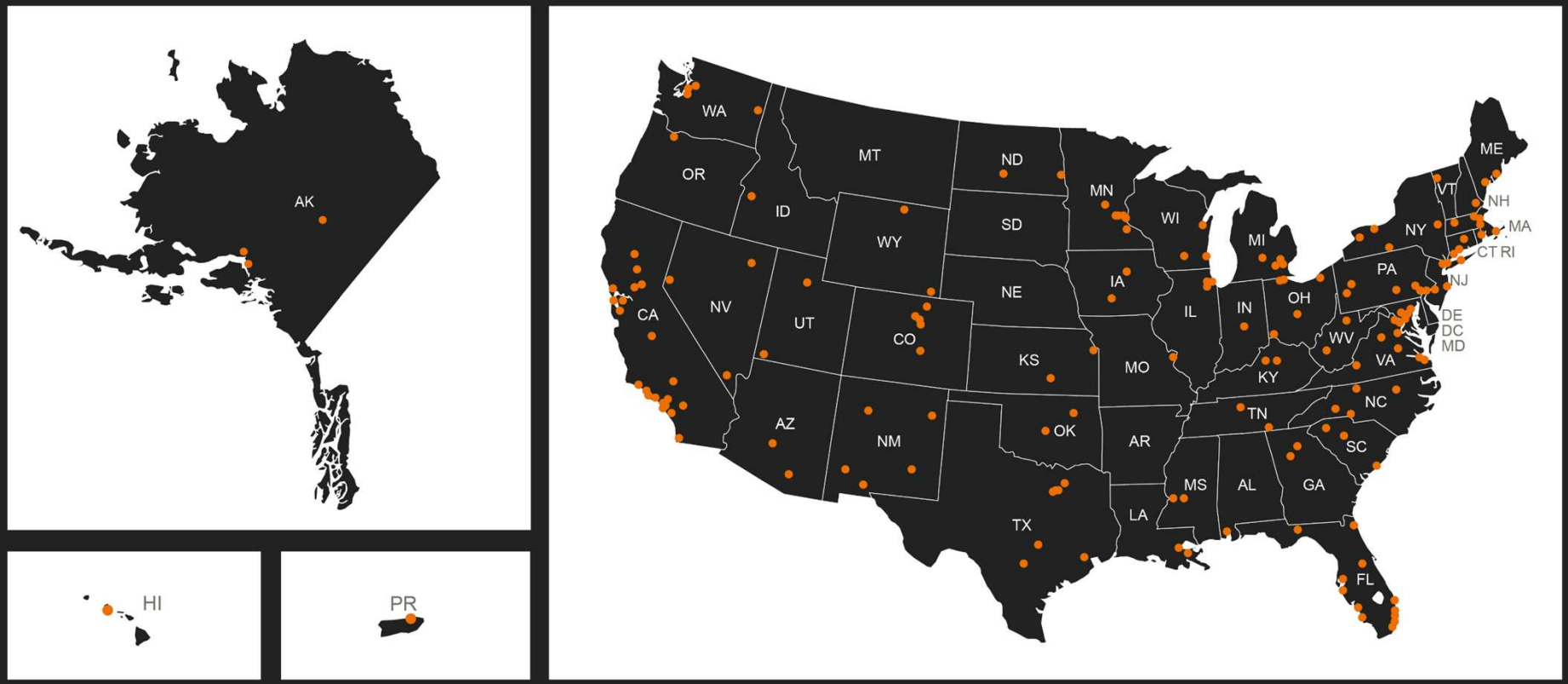
2024

GOLD Military Friendly ® Employer

SR0

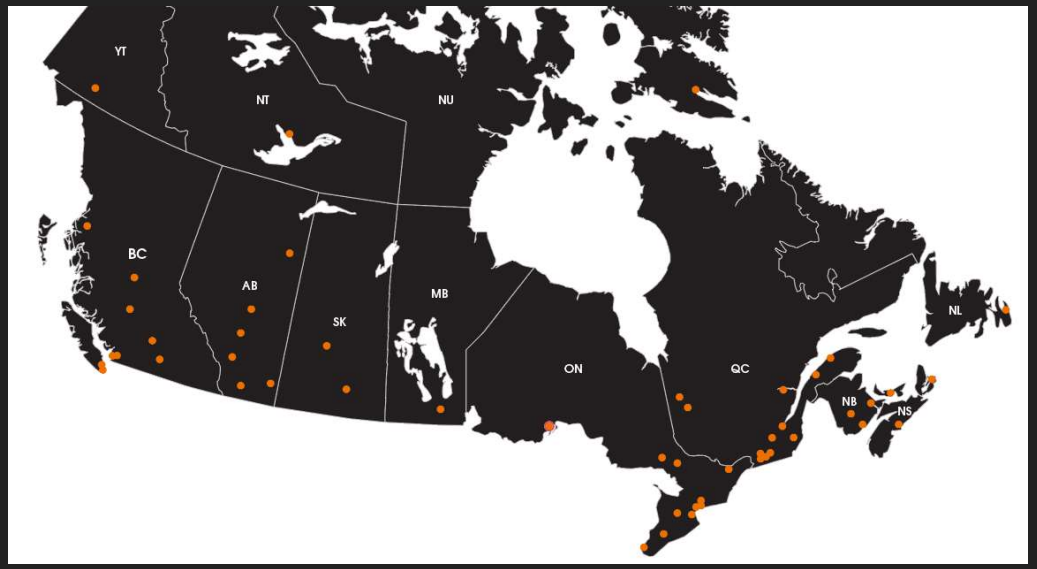
US FEDERAL PROGRAMS

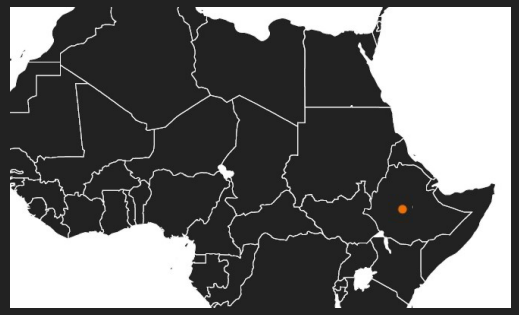
Where We Are - US



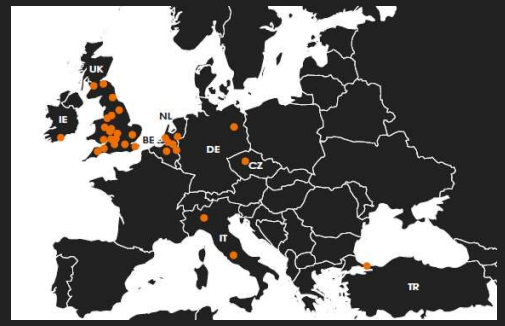
US FEDERAL PROGRAMS

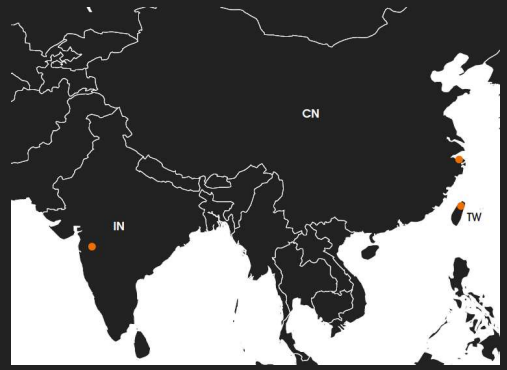
Where We Are - Global





Argentina
Australia
Bahrain
Barbados
Belgium
Canada
Chile
China
Czech Republic
Ethiopia
Germany
India
Ireland
Italy
Netherlands
New Zealand
Peru
Qatar
Saudi Arabia
Taiwan
Turkey
UAE
United Kingdom





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US FEDERAL PROGRAMS

How We Rank

1

Top 115 Architecture Engineering Firms
(BD+C, 2023)

4

Top 100 Pure Designers
(ENR, 2023)

7

Top 225 International Design Firms
(ENR, Aug 2023)

8

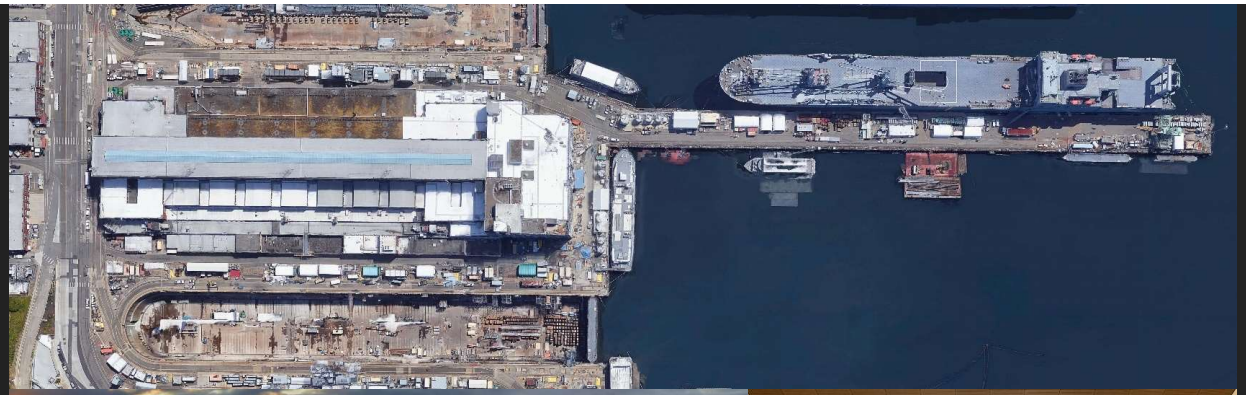
Top 500 Design Firms
(ENR, 2023)

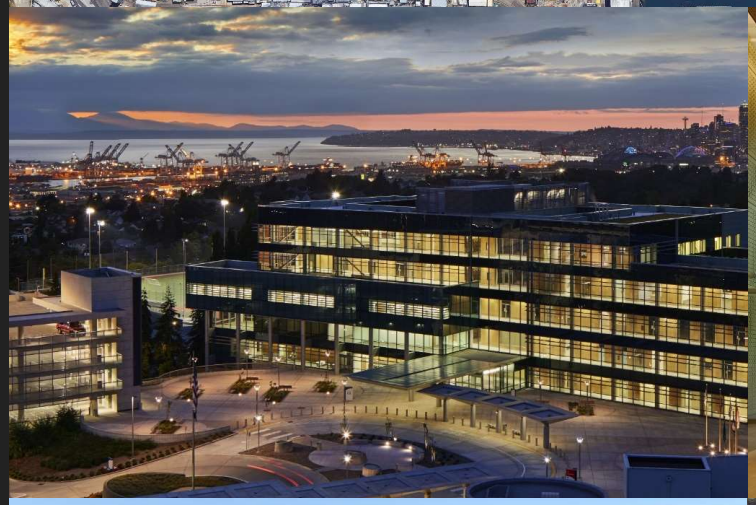
1

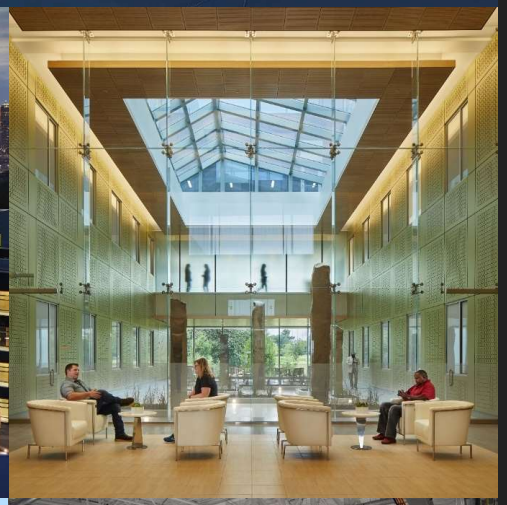
Global 100 Most Sustainable Corporation Amongst Industry Peers
(Corporate Knights, Jan 2023)

14

Top 200 Environmental Firms
(ENR, July 2023)







Stantec Northwest

- 65-year history
- Continuously involved in NAVFAC NW A/E IDIQs, DB Projects for the past 20+ years, including:
  - Architectural
  - MEP
  - Multidiscipline
  - Civil/Structural
  - Waterfront
  - Master Planning/Industrial Engineering
- 300+ IDIQ task orders in the past 25 years
- 30+ D-B projects in the past 10 years

NAVFAC NW PSNS Multi-Mission Dry Dock

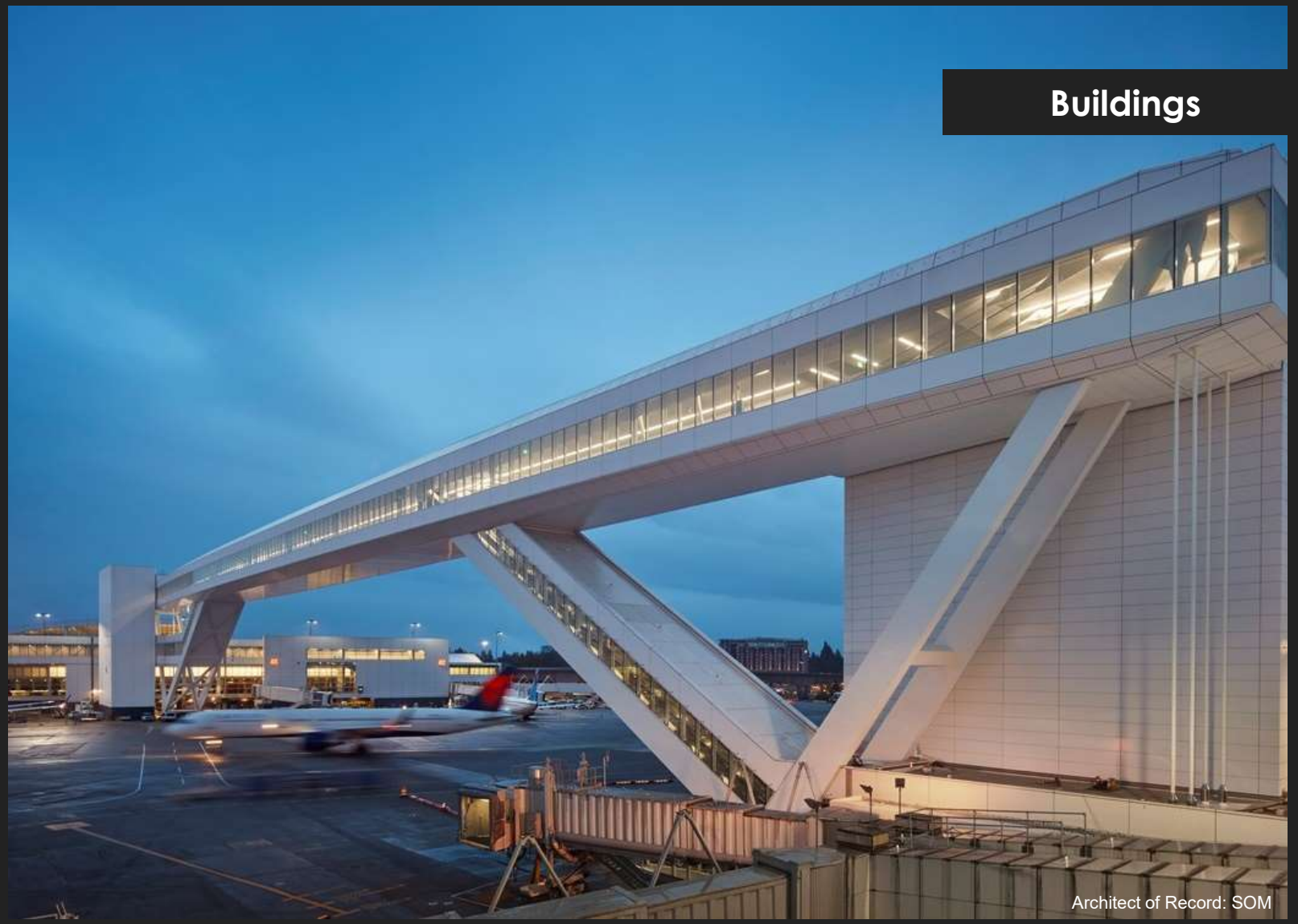
- Navy Shipyard Infrastructure Optimization Program (SIOP)
- CVN-78 carrier capable
- Joint Venture partner

Puget Sound Naval Shipyard, Bremerton, Washington

Port of Seattle International Arrivals Facility

- New 450,000 SF facility
- LEED Registered - Targeting Gold
- doubles the international capable gates from 12 to 20
- Provided electrical, lighting, information and communications technology, airport information systems, and audiovisual design services
- Progressive Design/Build

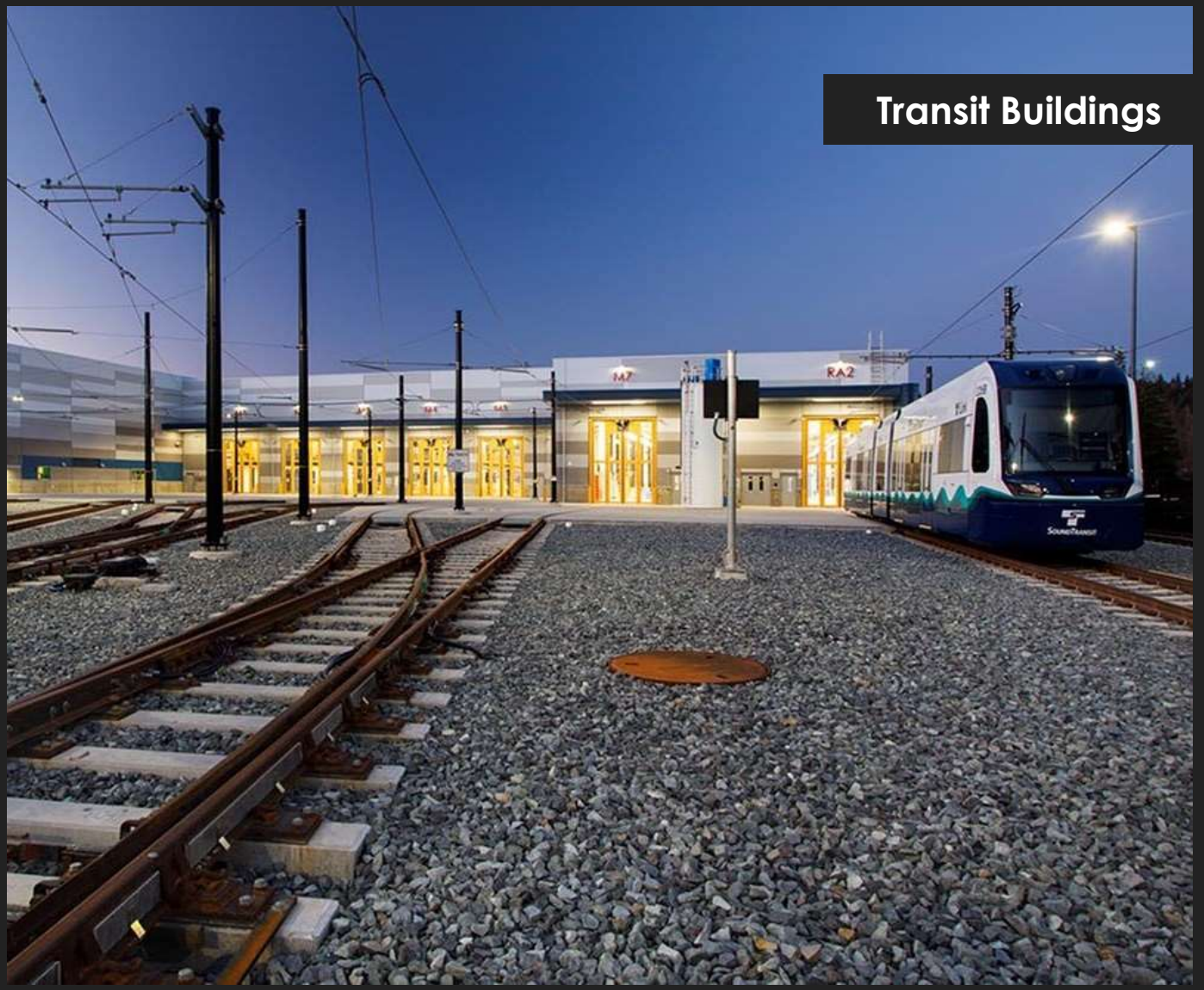
SeaTac, Seattle, WA



Sound Transit Operations and Maintenance Facility East

- LEED Certified Gold
- Design/Build project
- Includes a 96-bay light rail vehicle storage yard, 14 bay maintenance facility, and employee offices
- Design optimizes the needs of the facility's program while allowing for approximately 1.2M SF of future transit-oriented development
- Responsible for design management; LEED facilitation; electrical engineering; mechanical engineering; process piping; site design management; environmental permitting; and design for lighting, IT/communications, security, signals, SCADA, acoustics, and track integration

Bellevue, WA

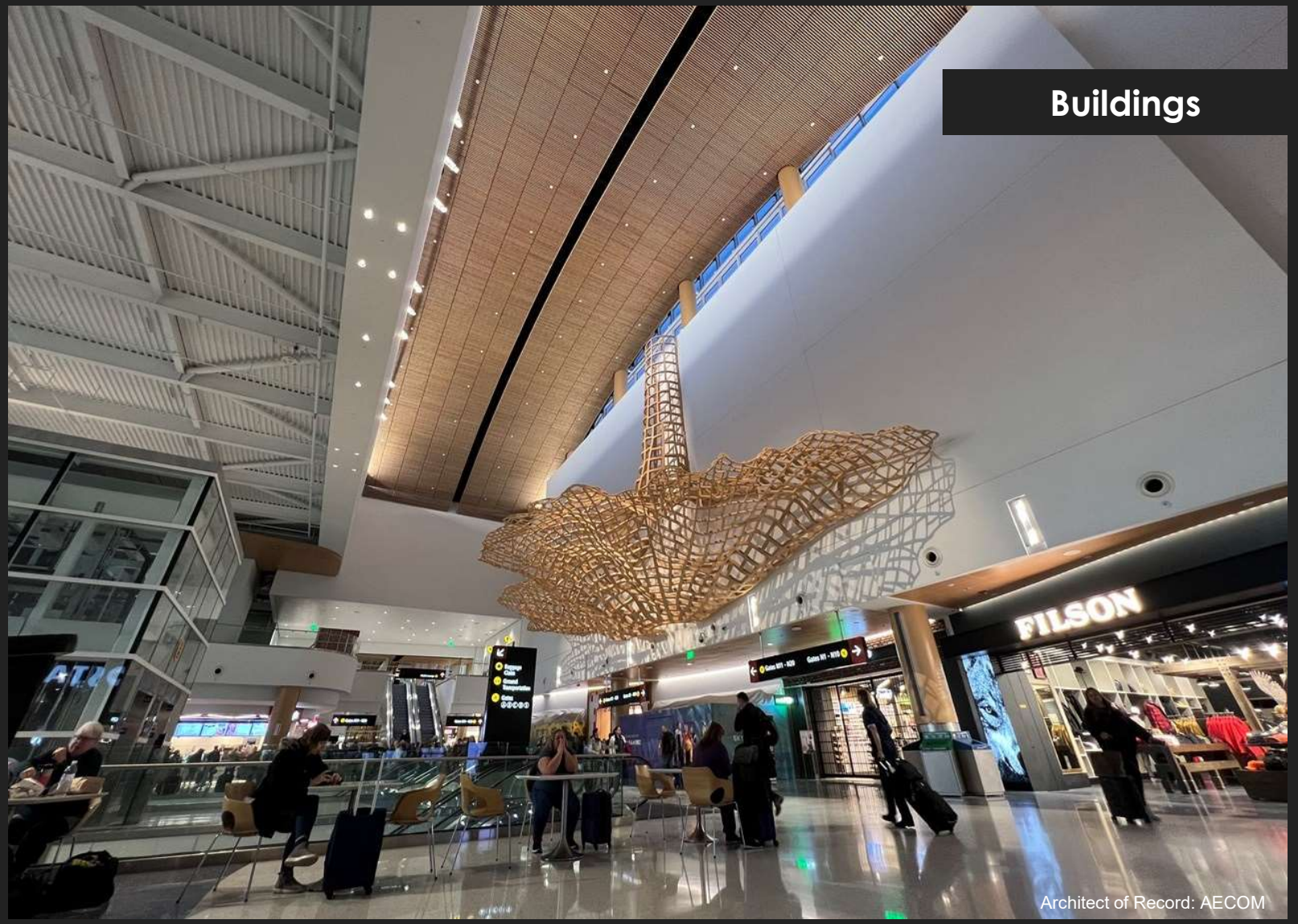


US FEDERAL PROGRAMS

Port of Seattle North Satellite (NSAT) Modernization

- Footprint expansion of 255,000 SF, triples dining and retail to 46,000 SF
- Provided electrical, technology, lighting, and acoustics
- International Partnering Institute John I. Martin Partnered Project of the Year Awards — Silver Award, Collaborative Project Awards (2022)
- Significant modifications to electrical power distribution systems

SeaTac, Seattle, WA



Former Blue Heron Mill EPA Multipurpose Brownfield Grant Project

- Secured $800k federal funding through the US EPA Brownfields Grant program
- Working with the Confederated Tribes of the Grand Ronde Community of Oregon
- Reuse plan includes: a multi-use path, enhanced riverbank reflecting the historic pathways of water from the falls, various open spaces, and new buildings for office, retail, residential, or hotel use

Portland, OR

King County Cedar Creek Fish Barrier Removal

- Existing 40-year-old barrier to fish migration to restore natural stream processes and maximize stream function.
- Rebuilt 1,200-ft. of severely degraded creek channel.
- Recreated a sinuous alignment with 23 log structures, 130 pieces of large woody debris, planted bank stabilizing vegetation, and created deep pools.
- Increased wetlands and improved wetlands by more than 20% and is injunction compliant.

King County, WA

Contact Information

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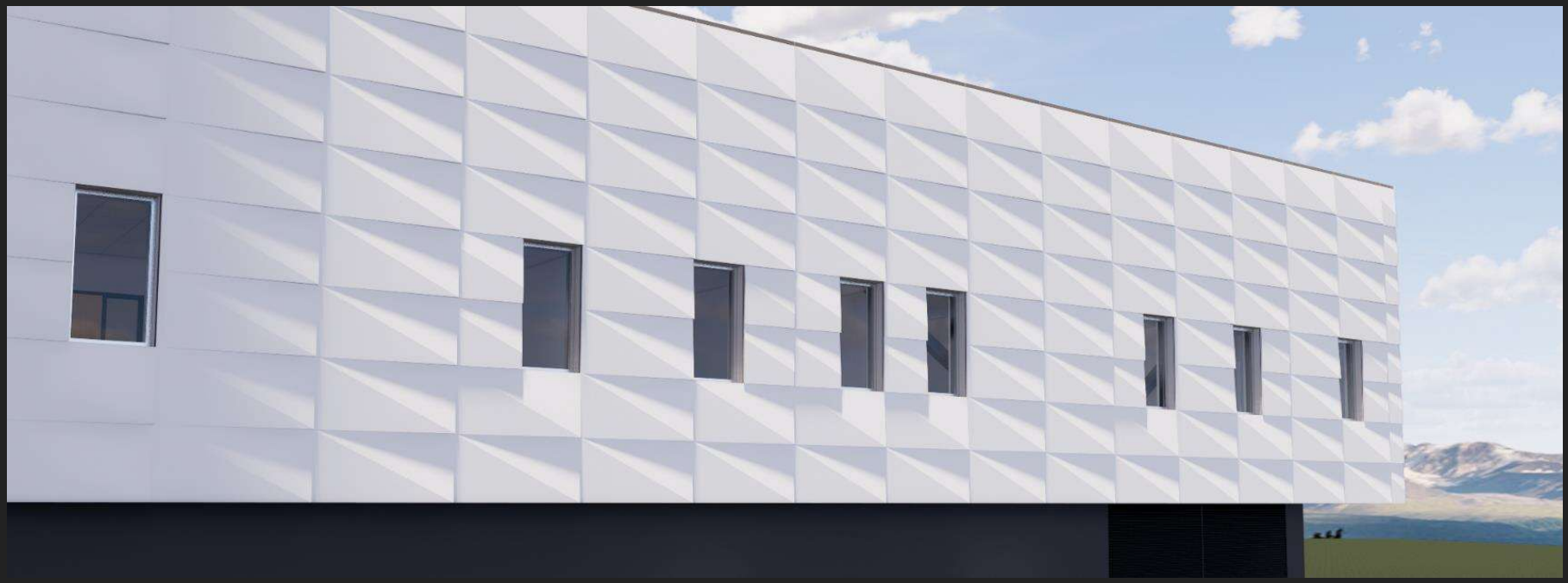
lydia.griffey@stantec.com

Bob Schlesinger, PE, LEED AP BD+C, ENV SP, F.SAME, Senior Principal, Senior Program Manager for SIOP
Direct: 425-602-3533 | Mobile: 360-968-0899
robert.schlesinger@stantec.com



ANC/A11 ATCT AND BASE BUILDING

Ted Stevens International Airport, Anchorage AK

Jon Ikeda – FAA Wilson Platt - FAA

AGENDA

1 Project Team
2 Project Overview
3 Design Highlights
4 Procurement and Schedule
5 Open Discussion

1 PROJECT TEAM

TEAM

FAA

Contracting Officer: Katherine Fogle
Katherine.fogle@faa.gov
Project Manager: Jon Ikeda
Alaska Lead: Wilson Platt

PEER REVIEW

Thornton Tomasetti

DESIGN

Stantec Architecture Inc
Walter P Moore
Lean Technology Corp
Shannon & Wilson
Corvus
Jensen Hughes
HMS, Inc
Lerch Bates
RWDI
Selbert Perkins Design
Wiss, Janney, & Elstner
Support Services of Alaska
Agnew Beck

2 PROJECT OVERVIEW

DISCLAIMER

Funding

Due to Cost of Project, it is subject to review by FAA Joint Resources Council for Final Investment Decision

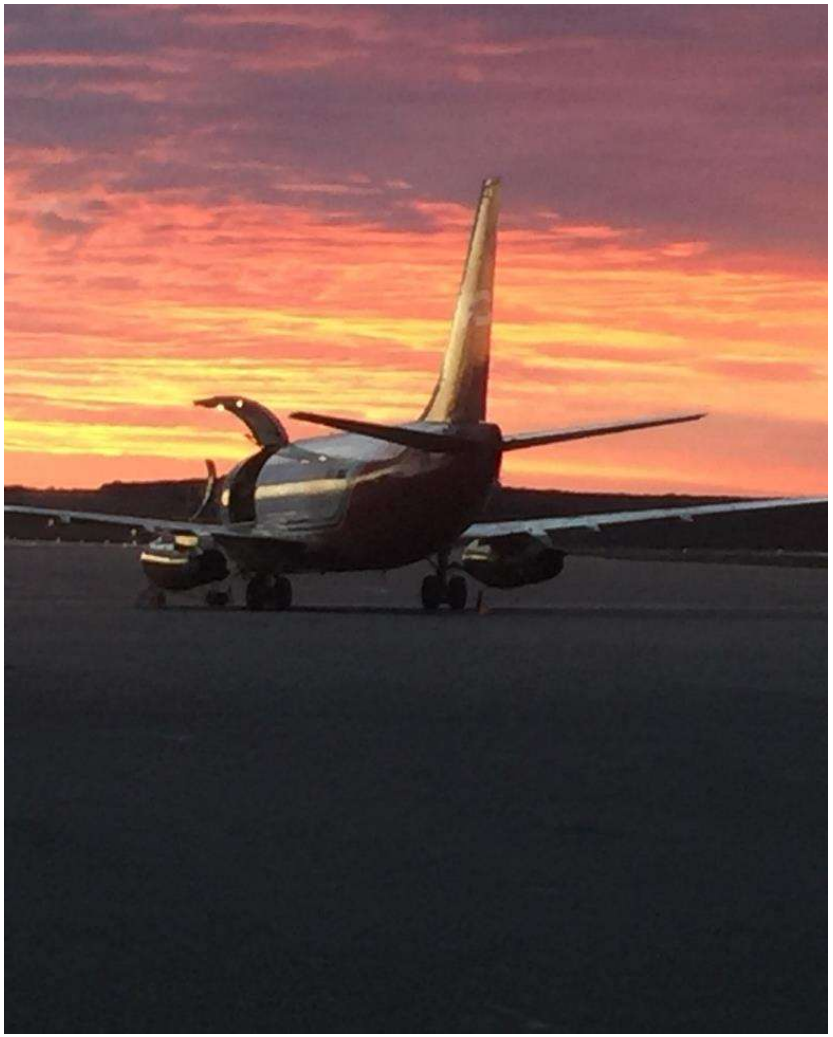
NEPA

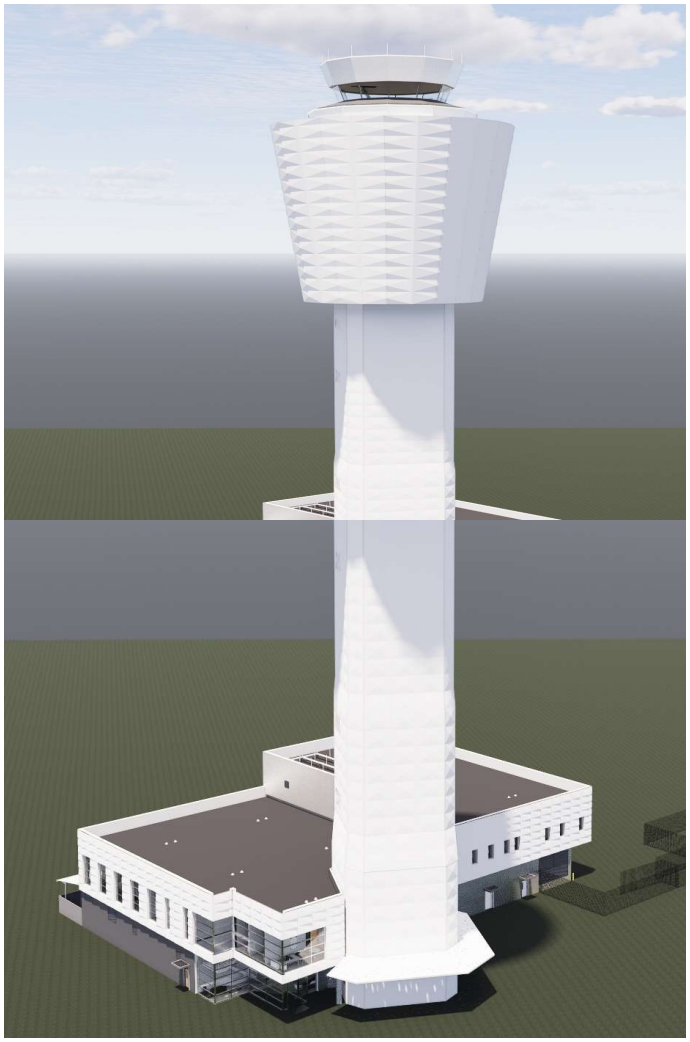
NEPA: The Environmental Assessment is on-going for the new ATCT/TRACON Site at Ted Stevens International Airport.

No physical work or early procurement of equipment and materials can be authorized without NEPA process completed and approved.

The initial work is limited design.

EA anticipated completion late June 2024





Replace ATCT and TRACON

The Federal Aviation Administration (FAA) intends to replace the existing ANC Airport Traffic Control Tower (ATCT) and A11 Terminal Radar Approach Control (TRACON) facility at the Ted Stevens International Airport in Anchorage, Alaska. The facilities are co-located.

ATCT and TRACON facilities are considered essential facilities by the International Building Code (IBC) (Risk Category IV) and American Society of Civil Engineers (ASCE) (Operational 1-A).

Design is progressing to Final Design

3 DESIGN HIGHLIGHTS

Early Artist Rendering

SITE DEVELOPMENT

Ted Stevens Anchorage International Airport

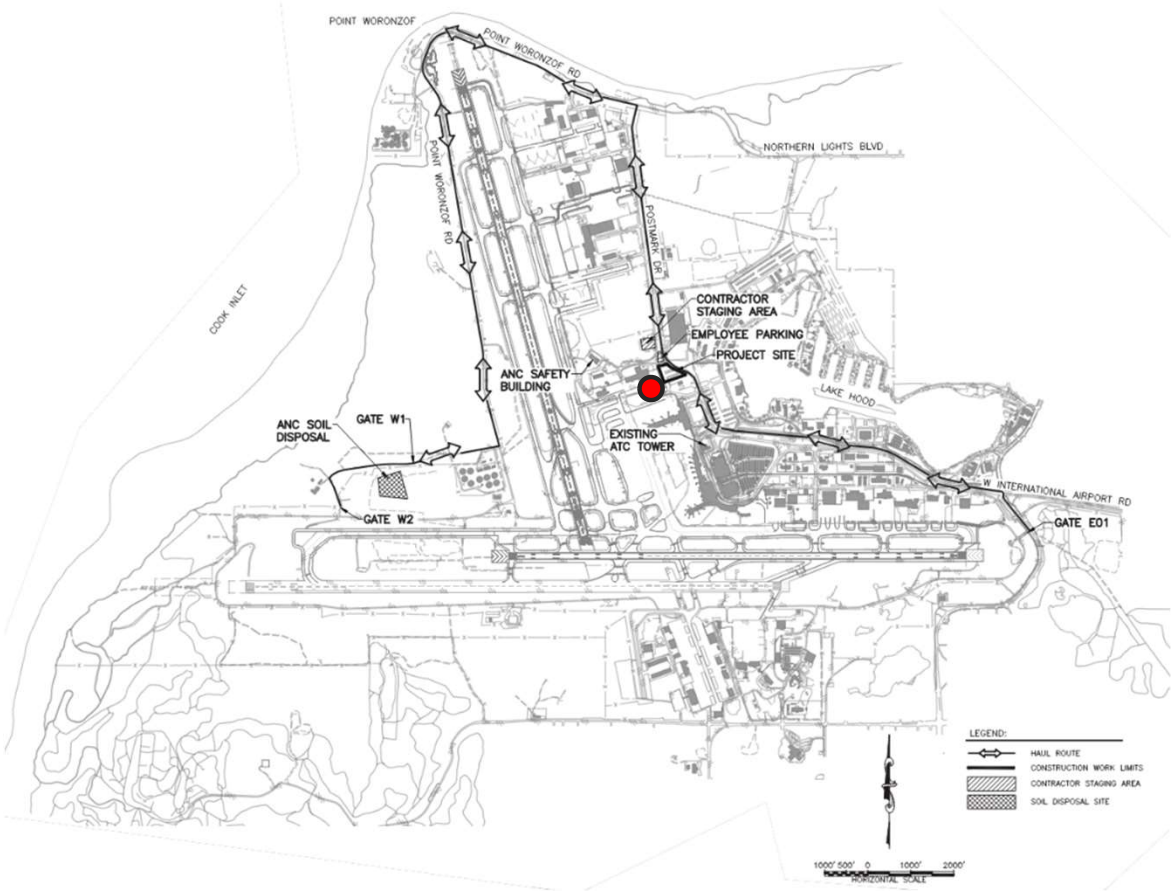
Landside access from Postmark Drive

Parking 118 vehicles

Landscaping, storm water control, utility relocation, fencing, and gates

Fiber Optic Transmission System (FOTS)

- Upgrade field Communications loop to meet diversity requirements
- Provide Field Connectivity to all FAA Facilities on the Airport



ATCT

Sited to control air traffic at Anchorage International Airport and Lake Hood Airport

No impacts to Terminal Approach and Missed Approach Surfaces

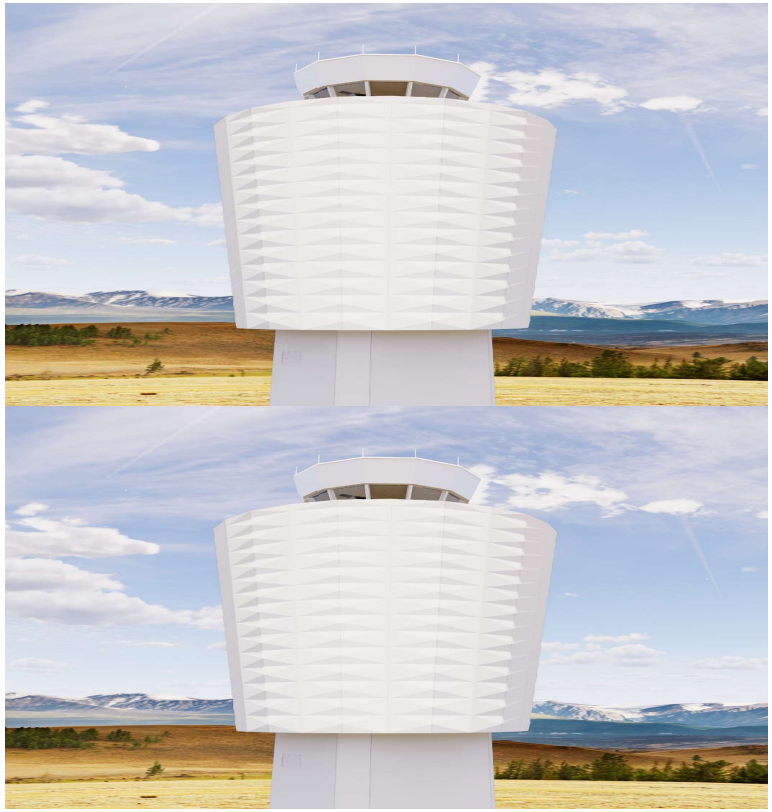
318 FT Above Ground Level

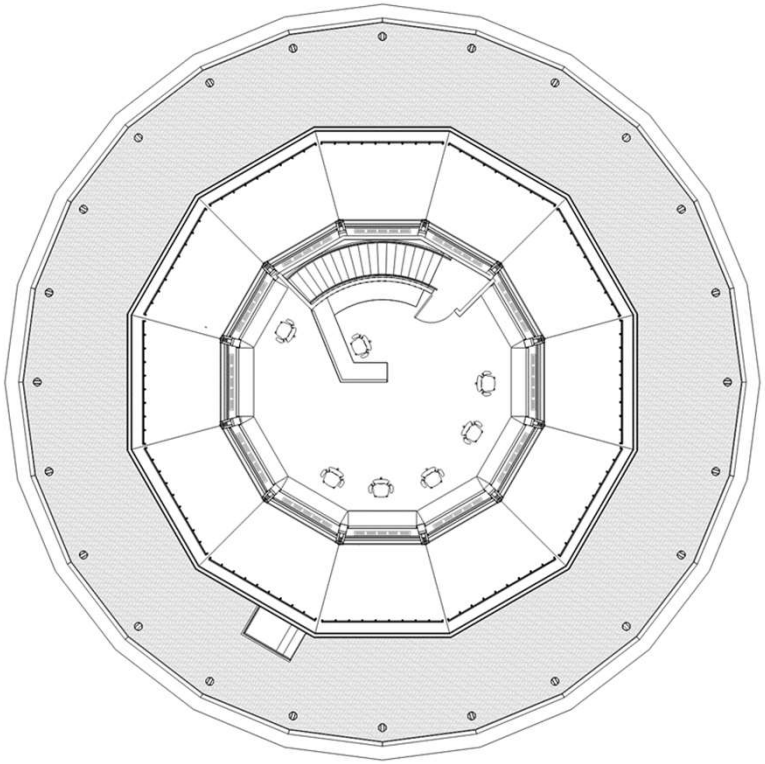
650 SF Cab Standard Design

12-Sided Cab with mullions

7 Operational Air Traffic Positions

ANC/A11





TRACON/BASE BUILDING

Terminal Radar Approach Control Facility

28,000 SF Building Size approximately

13 Operational Air Traffic Positions

FAA Terminal Facility Design Standards

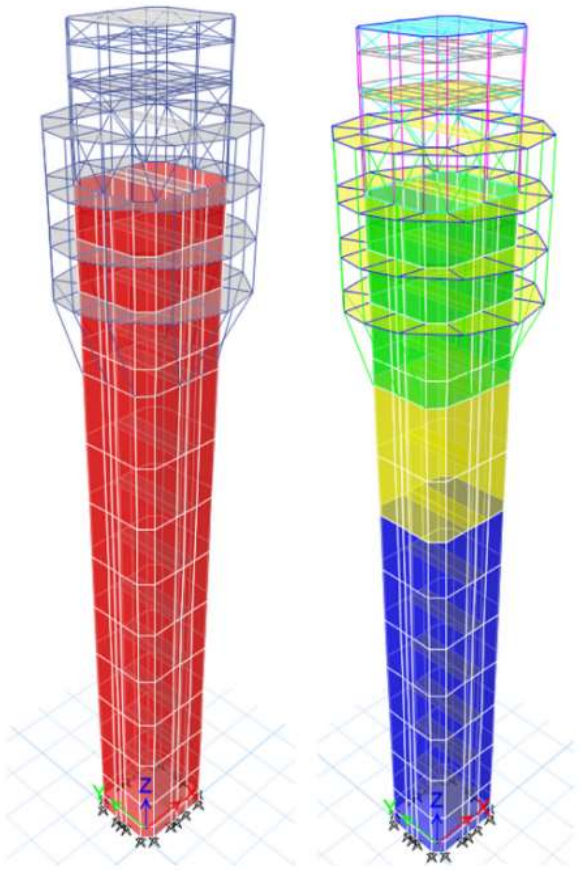
BUILDING SYSTEMS

GENERAL

- Cold Weather Installation Driven Systems
- Durable Best Value Materials

ARCHITECTURAL

- Modular Systems
- Exterior Cladding
  - Metal Rain Screen Aluminum Plate
- Curtain Wall System
- Façade Access



Preliminary Structural Model

BUILDING SYSTEMS

STRUCTURAL

- Performance Based Seismic Design
- ATCT – Vertical Post-Tension Concrete
- TRACON/Base Building – Steel Framed

MECHANICAL

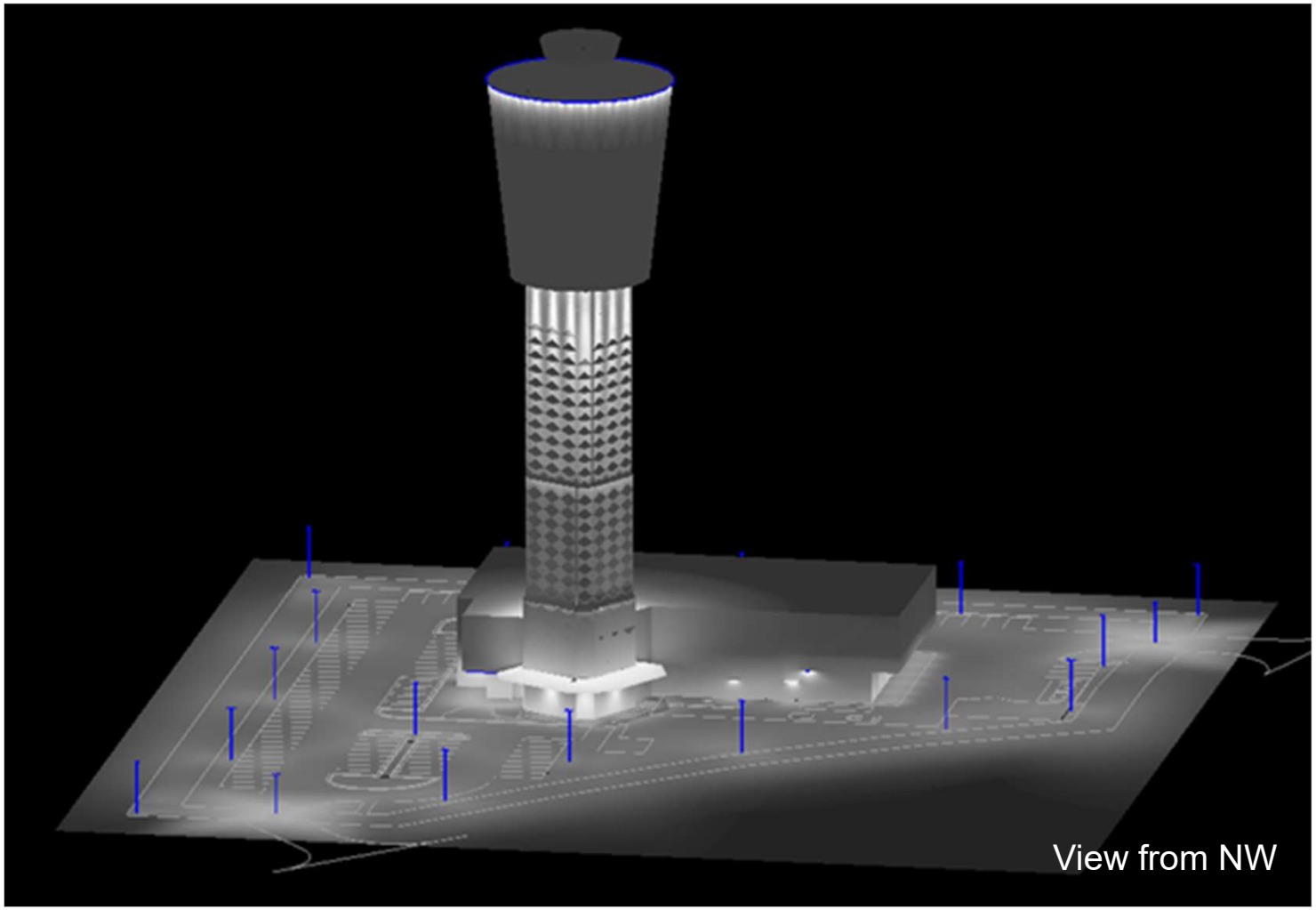
- Dual Fuel Boilers

ELECTRICAL

- Critical Power Distribution System, Type 1 (Engine Generator backup with a facility UPS)

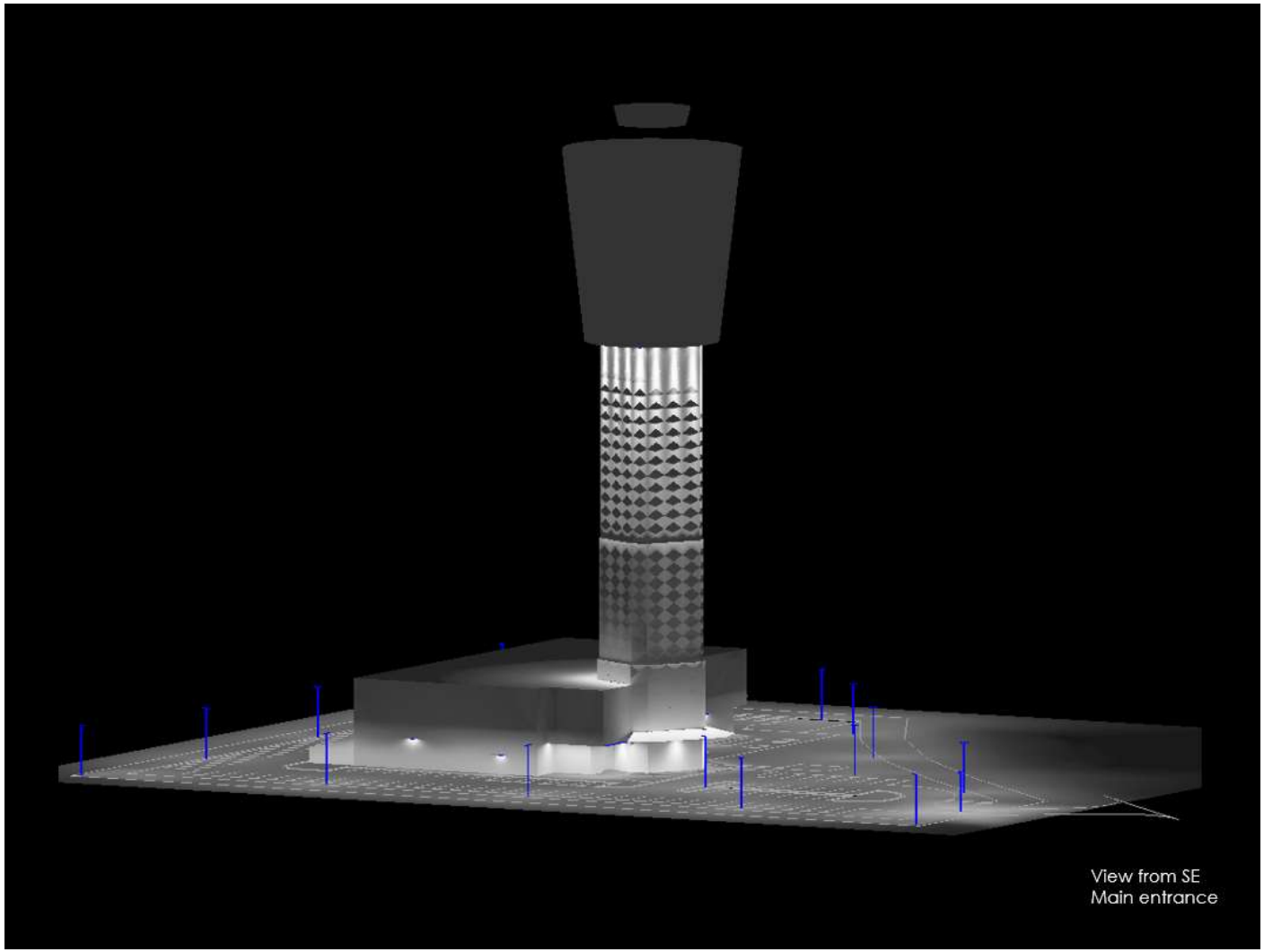
SUSTAINABLE DESIGN

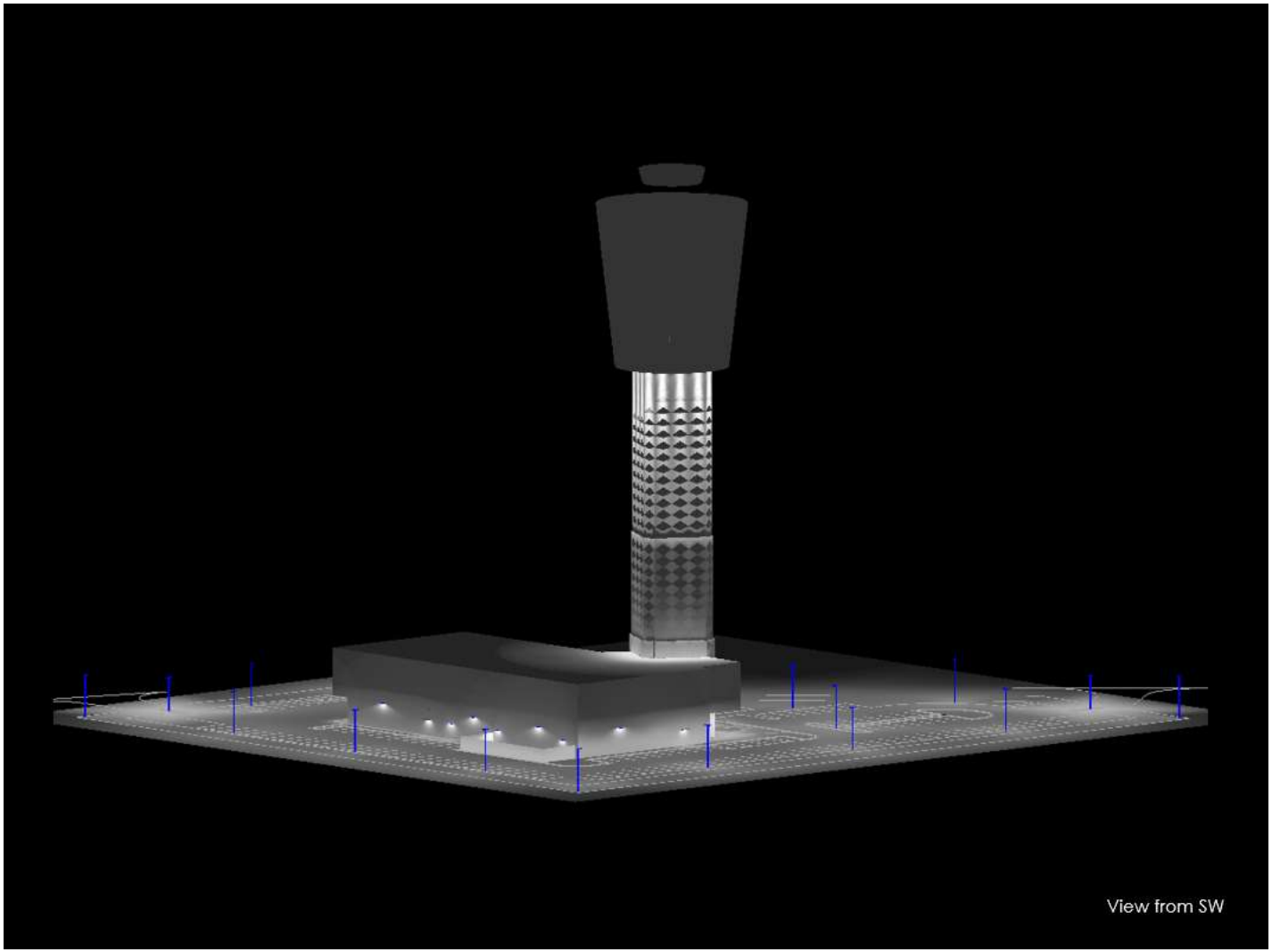
- FAA Sustainable Design Guidelines



LIGHTING STUDY


Higher resolution
of siding panels


View from SE
Main entrance


View from SW

4 PROCUREMENT AND SCHEDULE

PROCUREMENT HIGHLIGHTS

Best Value – Two Phase Contract Procurement

Phase I Request for Qualifications

Phase II Proposal

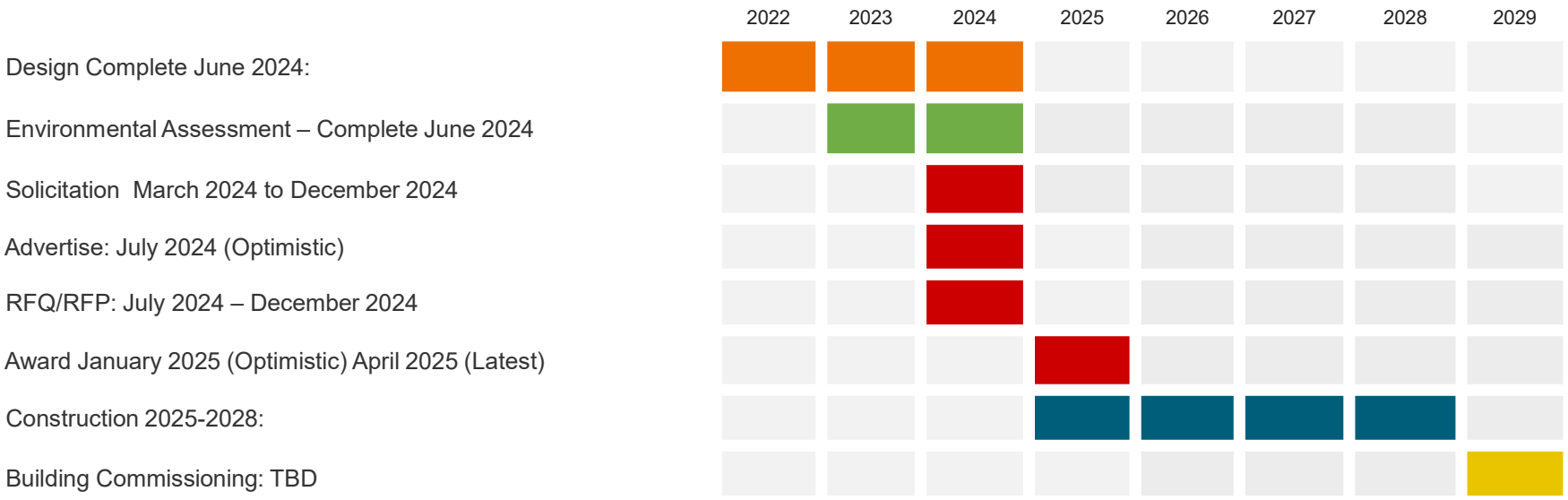
Anticipated Contract Amount to be greater than $150M

FAA is considering options to increase bidder participation

- Award Fees
- Constructability Reviews – Cost Sharing

Photo source: DOT Alaska
Dan Hartman

SCHEDULE


2022
2023
2024
2025
2026
2027
2028
2029
Design Complete June 2024:
Environmental Assessment – Complete June 2024
Solicitation March 2024 to December 2024
Advertise: July 2024 (Optimistic)
RFQ/RFP: July 2024 – December 2024
Award January 2025 (Optimistic) April 2025 (Latest)
Construction 2025-2028:
Building Commissioning: TBD

5 CONSTRUCTION INDUSTRY INPUT

CONSTRUCTION INDUSTRY INPUT TO FAA

Market Survey tentatively planned for June 2024

What factors are influencing your decision to pursue projects now?

What is your perception of the FAA?

How does FAA become a preferred owner?

Transition

BIL Replace ATCT

Federal Aviation Administration

Bipartisan Infrastructure Law (BIL)

Goal: Replace thirty ATCT by 2030, “30 by 30”. Airports under consideration would not normally qualify for typical FAA replacement. The ATCT cab floor heights for these sites are less than 120 FT AGL.

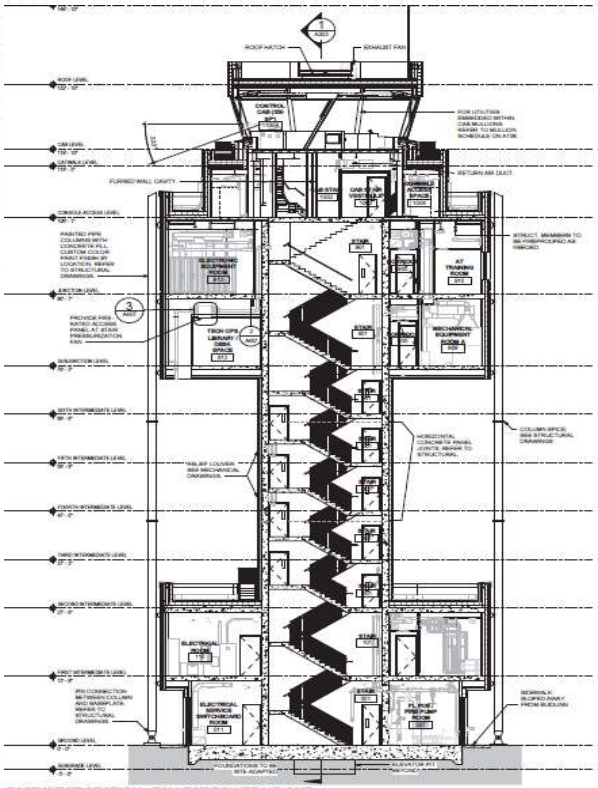
Sites in FAA’s Western Service Area include:

Pocatello, ID - Ogden, UT - Salem, OR

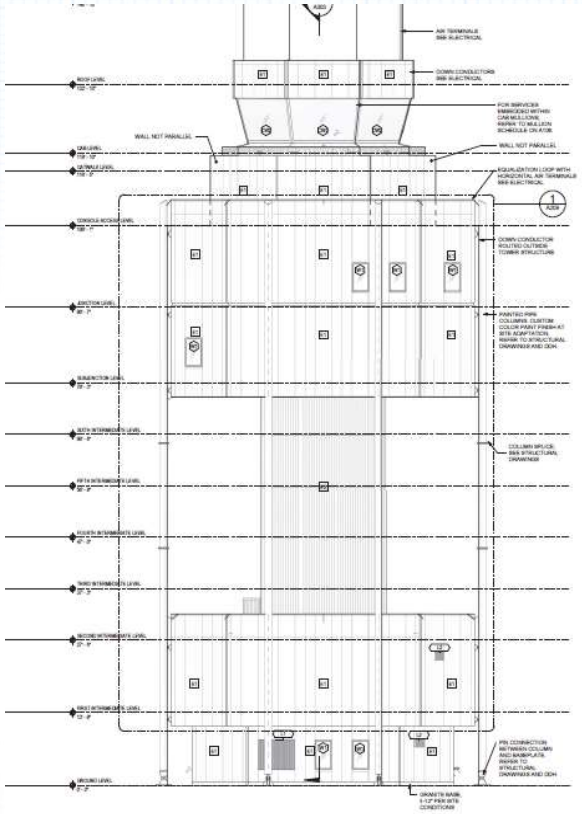
Market Survey: https://sam.gov/opp/f37663d6c8a54afb9c5cf31afc453882/view

BIL Replace ATCT

Federal Aviation Administration



EAST-WEST SECTION - TALLEST TOWER HEIGHT



1 NORTH ELEVATION - TALLEST TOWER HEIGHT

BIL Replace ATCT

Federal Aviation Administration

Architect Engineer:

FAA intends to utilize the new PAU ATCT standard design for the BIL ATCT sites below 120 FT AGL.

https://pau.studio/what/f4-tower/

Planned Design Build Projects:

Subject upon completion of NEPA process

WSA: PIH, Pocatello, Idaho; OGD, Ogden, Utah; EMT, El Monte, California

CSA: TBD

ESA: TBD

BIL Replace ATCT

Federal Aviation Administration

Environment: Programmatic Environmental Assessment (PEA)

The FAA issued a notice of the Draft PEA for the BIL-Funded ATCT Program at airports across the nation. The PEA analyzes the potential environmental impacts that may result from construction and operation of the proposed new towers and decommissioning and removal of the existing towers. The public comment period ended on July 31, 2023. A Finding of No Significant Impact, FONSI, was determined on September 21, 2023.

Site Specific Environmental Assessments:

Site specific Environmental Assessments are being conducted at each individual sites. Work is underway is Western Service Area for Pocatello, Idaho and Ogden, Utah. Completion of the documentation is anticipated at the latest Fall 2024.

BIL Replace ATCT

Federal Aviation Administration

Schedule:

- **Solicitation Packages under development**
- **Service Area Solicitation Implementation Schedule is under development**

Questions: contact Sam Culberth, Sam.G.Culberth@faa.gov