WELCOME!
From the

Joint Teleconference
May 21, 2020
NAVFAC SW Update & NAWS China Lake Earthquake Recovery Program

Presented by:

John W. Coon, P.E.
Chief Engineer
Capital Improvements Business Line Leader
NAVFAC Southwest
Agenda

- Welcome and Housekeeping
- Sponsors Recognition
- Speaker Introduction
- Presentation
- Q&A Phase
- Sponsors Recognition
- Close
Large Business Sponsors – Thank you!

Jacobs
Challenging today. Reinventing tomorrow.

Shannon & Wilson, Inc.
Geotechnical and Environmental Consultants

Stronghold Engineering

Twinning
Small Business Sponsors — Thank you!

Blue Nose Construction

CNCA - CALIFORNIA NEVADA CEMENT ASSOCIATION

M8 Hatch Consulting

Reid Middleton

ZM Associates

Environmental Consultants
SAME Orange County and CMAA Joint Meeting
2020 NAVFAC Southwest Update

John Coon, P.E.
Chief Engineer
Director of Capital Improvements

**Data contained herein is based on the best available information and is subject to change**
Why is Our Navy Important?

Climate Change & Sea Level Rise: Opening Artic, Displaced Persons

Increasing Globalization

Great Power Competition Returns: Russia & China

Increasing Sea Floor Cables and Communication Traffic

Transnational Criminals: Drugs, Human Trafficking

Increasing Shipping Traffic

America’s success depends on our access and relationships abroad. The U.S. Navy guarantees that access!
National Rebalance to the Pacific

• Includes
  – 40 nations
  – 60% of the world’s population
  – More than half of the world’s surface
  – 30% of the world’s GDP
  – 70% of the world’s oil transits through the Strait of Malacca

• Top 4 trading partners
  – Canada, China, Mexico, Japan

• 6 largest militaries
  – China, U.S., India, Russia, North Korea, South Korea

San Diego’s Navy is Critical to National Security

60% of the Fleet to the Pacific
Southwest Region Area of Responsibility

Coastal | Desert | Marine Corps
19 offices assigned to three Project Management Divisions (PMDs)
NAVFAC Southwest

MISSION
NAVFAC is the Naval Shore and Expeditionary Systems Command that:
• Plans, builds, and maintains sustainable facilities.
• Delivers environmental, utilities and other base services.

WHAT WE DO
The Southwest’s naval shore construction and acquisition agent delivering $2 billion of annual business and facilities lifecycle sustainment. Integrated team of multi-disciplinary professionals with expertise in planning, real estate, design, construction, utility operation, energy solutions, facility services, transportation and weight handling.

MAJOR PROGRAMS
• Littoral Combat Ship
• USMC Infrastructure Reset
• Maritime Surveillance
• KC-46 Pegasus Tanker
• Joint Strike Fighter
• Naval Special Warfare - Coastal Campus
• Broadway Redevelopment

CORE COMPETENCIES
• Facilities Planning, Operations & Sustainment
• Environmental Compliance & Restoration
• Shore Anti-Terrorism Force Protection
• Utilities and Energy Management
• Specialized Technical Services
• Design, Repair & Construction
• Real Estate

PATRONAGE
Planning
Environmental
Repair
Construction

3366 Civilians and 140 Military at 19 locations

Supported Commands
• Navy Installations Command
• Navy Fleet and System Commanders
• MCI-West, TECOM & USMC Units
• Air Force
• Federal Agencies and non-DOD tenants

SW Volume of Business ($B)

FY 14
FY 15
FY 16
FY 17
FY 18
FY 19
FY 20

$0.5
$1.0
$1.5
$2.0
$2.5
$3.0
$3.5
$4.0
$4.5
$5.0
$5.5
$6.0

Planning
Environmental
Repair
Construction
Major Programs: Current OPS

Enabling a rebalance. Programmatic approach. Dynamic requirements.
Rapid exchange of lessons learned. Acquisition strategies driven by IOC timelines.
New Platforms: Future OPS

- **Gateway to PACFLT**
  - **Piers, Power, C2 and Training**
    - Naval Base San Diego
    - 2019-2024
    - 5 MILCONs
    - $343M
  - **Ammunition Wharf and Turning Basin, Magazines**
    - Naval Weapons Station, Seal Beach
    - 2017-2021
    - 6 MILCONs
    - $297M

- **MQ-25 Stingray, UMCS**
  - Naval Base Ventura County
  - 2019-2024
  - 5 MILCONs
  - $332M

- **V-22 Osprey Bed Down**
  - Naval Base Coronado
  - 2019-2020
  - 2 MILCONs
  - $171M

**At or pushing capacity. BOS impacts. Utility system limitations.**
NAWS China Lake Earthquakes: 4 & 5 July 2019

Magnitude

- 5.0 – 5.5
- 4.5 – 4.9
- 4.0 – 4.5
- 3.0 – 3.9
- 2.5 – 2.9

Inset Area

NAWS China Lake

North Range

South Range

Hangars 2, 3&

Michelson Lab

Main Magazine Area

Propulsion Labs Area

8.4 Miles

6.8 Miles

M7.1 EPICENTER 05JUL19

M6.4 EPICENTER 04JUL19

NAWS China Lake

Earthquakes:

4 & 5 July 2019
South Airfield: $948M
- P1900 Hangar 3 Replacement: $515M
- P1901 Integration Lab: $150M
- P1902 Air Ops and ATC Tower: $71M (CNIC)
- P1907 Aircraft Parking Apron for Hangar 2: $51M
- P1908 Advanced Weapons Hangar: $117M
- P1914 Aircraft Rescue & Fire Fighting Sta: $45M (CNIC)

Main Magazine Area: $139M
- P1910 Magazines & Inert Storage Facility: $139M (CNIC)

Range Control Complex: $192M
- P1911 Range Control Complex: $192M

Propulsion Lab / Salt Wells: $396M
- P1917 Cast Propellant Mix Building: $56M
- P1918 Ordnance Test Supt & Tech Svcs Lab: $88M
- P1919 Radiographic Building: $53M
- P1920 Warhead Casing Operations: $23M
- P1921 Motor Assembly Compound: $52M
- P1922 Skytop Firing Bays: $124M

Mainside: $604M
- P1903 Michelson Mission Systems Integration Lab: $202M
- P1916 Community Support Facilities: $86M (CNIC)
- P1904 Michelson Lab Complex: $282M
- P1924 Academic Training Building: $35M

18 projects @ $2.3B funded in FY20 Appropriations Bill
# China Lake MILCON Project Timelines

*(Subject to Change)*

<table>
<thead>
<tr>
<th>FY</th>
<th>P#</th>
<th>PROJECT TITLE</th>
<th>Design/ Acq Strategy</th>
<th>PA ($M)</th>
<th>FY20</th>
<th>FY21</th>
<th>FY22</th>
<th>FY23</th>
<th>FY24</th>
<th>FY25</th>
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<td>20</td>
<td>1910</td>
<td>Magazines and Inert Storage Facility</td>
<td>DB MACC</td>
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<td>20</td>
<td>1900</td>
<td>Hangar 3 Replacement, Apron, Taxiway &amp; Utilities for RDT&amp;E</td>
<td>DB GCCC</td>
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<td>1902</td>
<td>Air Operations Facility and Air Traffic Control Tower</td>
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<td>Aircraft Parking Apron in Support of Hangar 2 Replacement</td>
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<td>21</td>
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<td>Advanced Weapons Hangar</td>
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<td>21</td>
<td>1914</td>
<td>Aircraft Rescue and Fire-fighting (ARFF) Station</td>
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<td>Community Support Facilities</td>
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<td>Michelson Laboratory Complex</td>
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Legend:
- **RFP Prep**
- **ACQ**
- **Design**
- **Construct**
- **Outfit**
NAVFAC SOUTHWEST
HISTORICAL WIP

WIP VOLUME ($000)

FY07 FY08 FY09 FY10 FY11 FY12 FY13 FY14 FY15 FY16 FY17 FY18 FY19 FY20 FY21 FY22 FY23 FY24 FY25

FSRM MCAF/R/NG DEFENSE (MED) DEFENSE (OTH) REIM BRAC(CON) DIRECT CITE ER,N RPMD FH (RPRS) MCON/MCNR

GROW THE FORCE

CHINA LAKE EARTHQUAKE RECOVERY

PROJECTIONS
**FY20 & 21 Workload Distribution**

### Navy Installations

<table>
<thead>
<tr>
<th>Project Size</th>
<th>NB San Diego</th>
<th>NB Coronado</th>
<th>NB Point Loma</th>
<th>NWS Seal Beach</th>
<th>NB Ventura County</th>
<th>NAWS China Lake</th>
<th>NAS Lemoore</th>
<th>NAS Fallon</th>
<th>NSA Monterey</th>
<th>NAF El Centro</th>
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### Marine Corps / Air Force Installations

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<tr>
<th>Project Size</th>
<th>MCB Camp Pendleton</th>
<th>MCAS Camp Pendleton</th>
<th>MCAS Yuma</th>
<th>MCAS Miramar</th>
<th>MCAGCC 29 Palms</th>
<th>MCRD San Diego</th>
<th>MCLB Barstow</th>
<th>MCMWTC Bridgeport</th>
<th>Travis AFB</th>
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<tr>
<td>&lt; $25M</td>
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<td>$25-$100M</td>
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<tr>
<td>&gt;$200M</td>
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**FY20 & FY21 Workload >$4.3B**
### NAVFAC SW Planned
#### Multiple Award Construction Contracts

<table>
<thead>
<tr>
<th>Title</th>
<th>Type</th>
<th>Capacity</th>
<th>RFP</th>
<th>Est. Award Date</th>
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<tr>
<td>Mini-MACC NorCal/NV</td>
<td>SB</td>
<td>$99M</td>
<td>Awarded</td>
<td>Q2 FY20</td>
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<tr>
<td>Mini-MACC SoCal/AZ</td>
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<td>Mini-MACC Central CA</td>
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<td>$99M</td>
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<td>Q3 FY20</td>
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<td>Mini-MACC SD Metro</td>
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<td>Small Business</td>
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<td>$495M</td>
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<td>Waterfront</td>
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<td>Hubzone</td>
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<td>Q3 FY21</td>
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Future Workload

Search “NAVFAC Southwest”

Future Workload Report at NAVFAC Southwest Homepage

USEFUL LINKS

- Contractor Visit Protocol
- Future Workload Projection for Q3 FY2017
- How to Obtain an Architect-Engineer Contract with NAVFAC Southwest


Full transparency on projects & acquisition tools
Requesting Visit to NAVFAC SW

- NAVFAC SW has specific protocol and a process for contractors to follow when submitting visit requests.

- Protocol was developed to:
  1) Provide industry representatives with a fair and equal opportunity to contact the command
  2) Ensure minimal disruption to the Navy mission.

- The Contractor Visit Protocol can be found in the NAVFAC SW Public Web Site at the following link:

- To request a contractor call/visit, personal visit, or social call, send an e-mail to the command’s Contractor Visit Coordinator at:
  NAVFAC_SW_Contractor_Visit_Coordinator@navy.mil