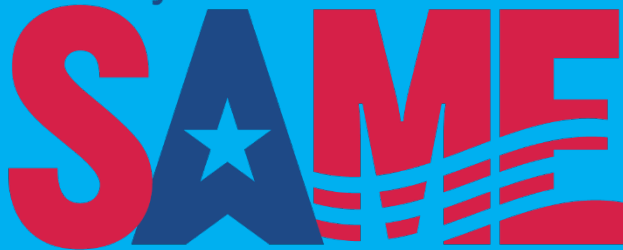


WELCOME!

From the

Society of



American Military Engineers
Orange County Post



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.



Small Business Sponsors – Thank you!



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SAME Orange County and CMAA Joint Meeting 2020 NAVFAC Southwest Update

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

Why is Our Navy Important?



Increasing Globalization

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



*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

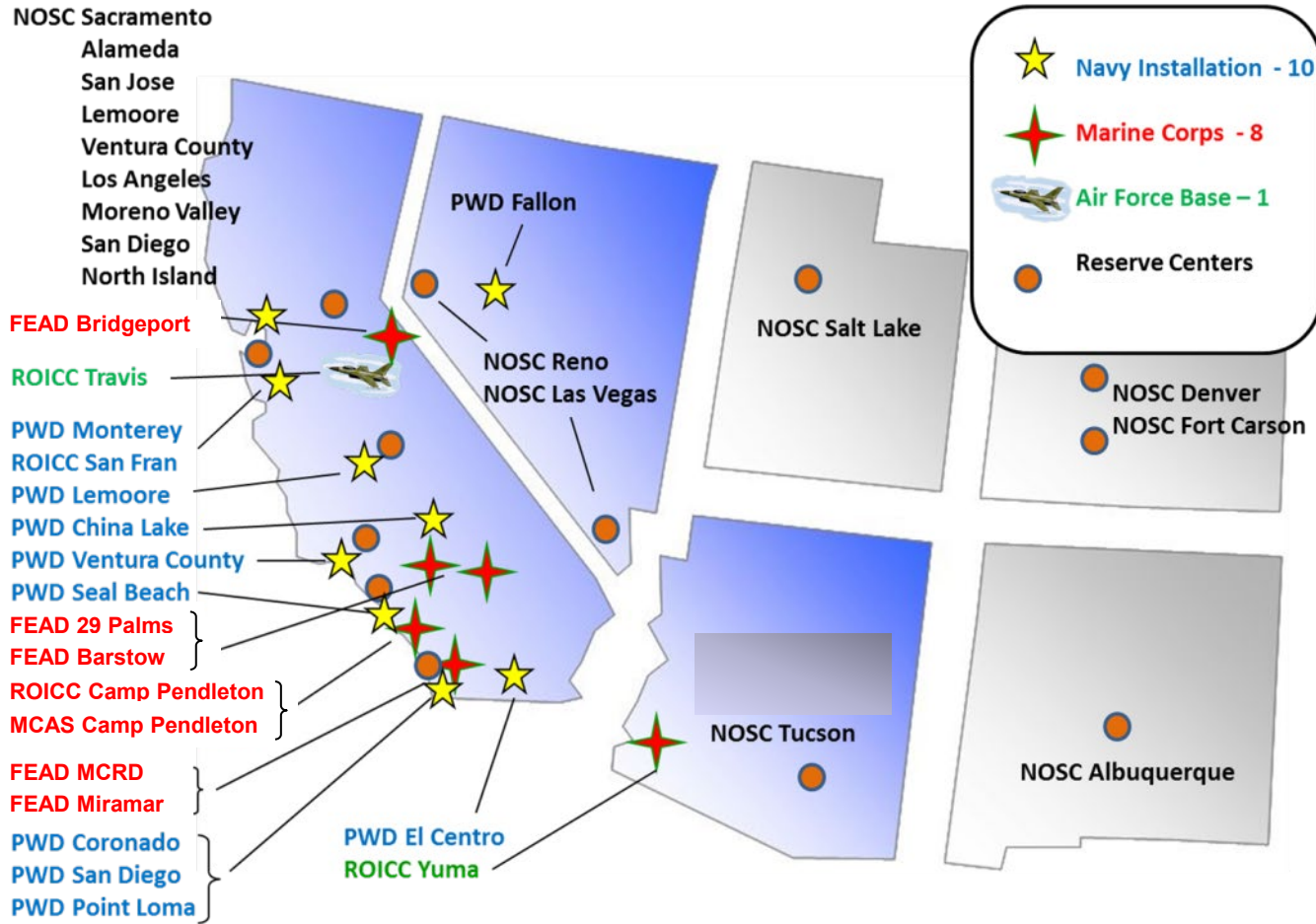
- 6 largest militaries

- China, U.S., India, Russia, North Korea, South Korea



60% of the Fleet to the Pacific

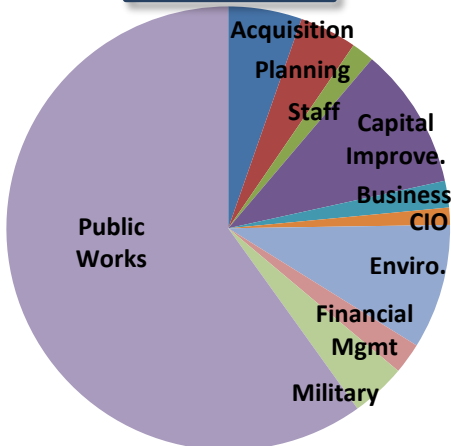
Southwest Region Area of Responsibility



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

NAVFAC Southwest

Staffing



3366 Civilians and 140 Military at 19 locations

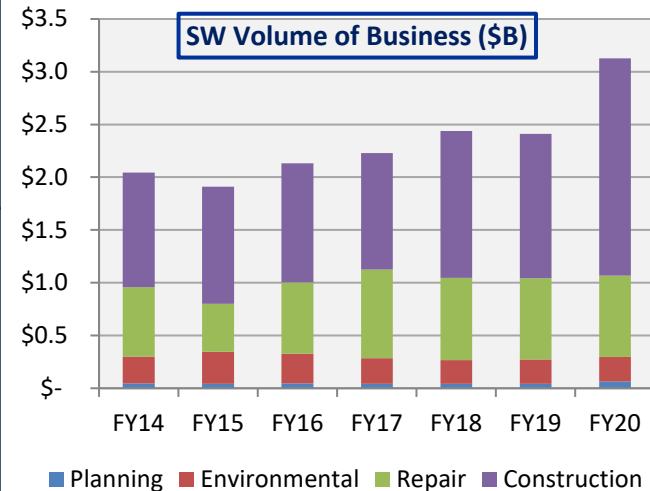
MISSION

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

Supported Commands

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

Major Programs: Current OPS



LITTORAL COMBAT SHIP

Naval Base San Diego LCS
2013-2020
5 MILCONs
\$205M

USMC INFRASTRUCTURE RESET

USMC IR
2017-2028
\$240M/yr annual savings
\$180M in Demo

NAVAL SPECIAL WARFARE

Coastal Campus
2015 - 2024
29 MILCONs
\$1B

KC-46

KC-46A Program at Travis AFB
2018-2021
10 MILCONs
\$165M

JOINT STRIKE FIGHTER

West Coast JSF
2018-2027
23 MILCONs
\$1.3B

MARITIME SURVEILLANCE

Naval Base Ventura County
2019-2024
5 MILCONs
\$332M

Enabling a rebalance. Programmatic approach. Dynamic requirements.

Rapid exchange of lessons learned. Acquisition strategies driven by IOC timelines.

New Platforms: Future OPS

Piers, Power, C2 and Training



Naval Base San Diego
2019-2024
5 MILCONs
\$343M

Gateway to PACFLT

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

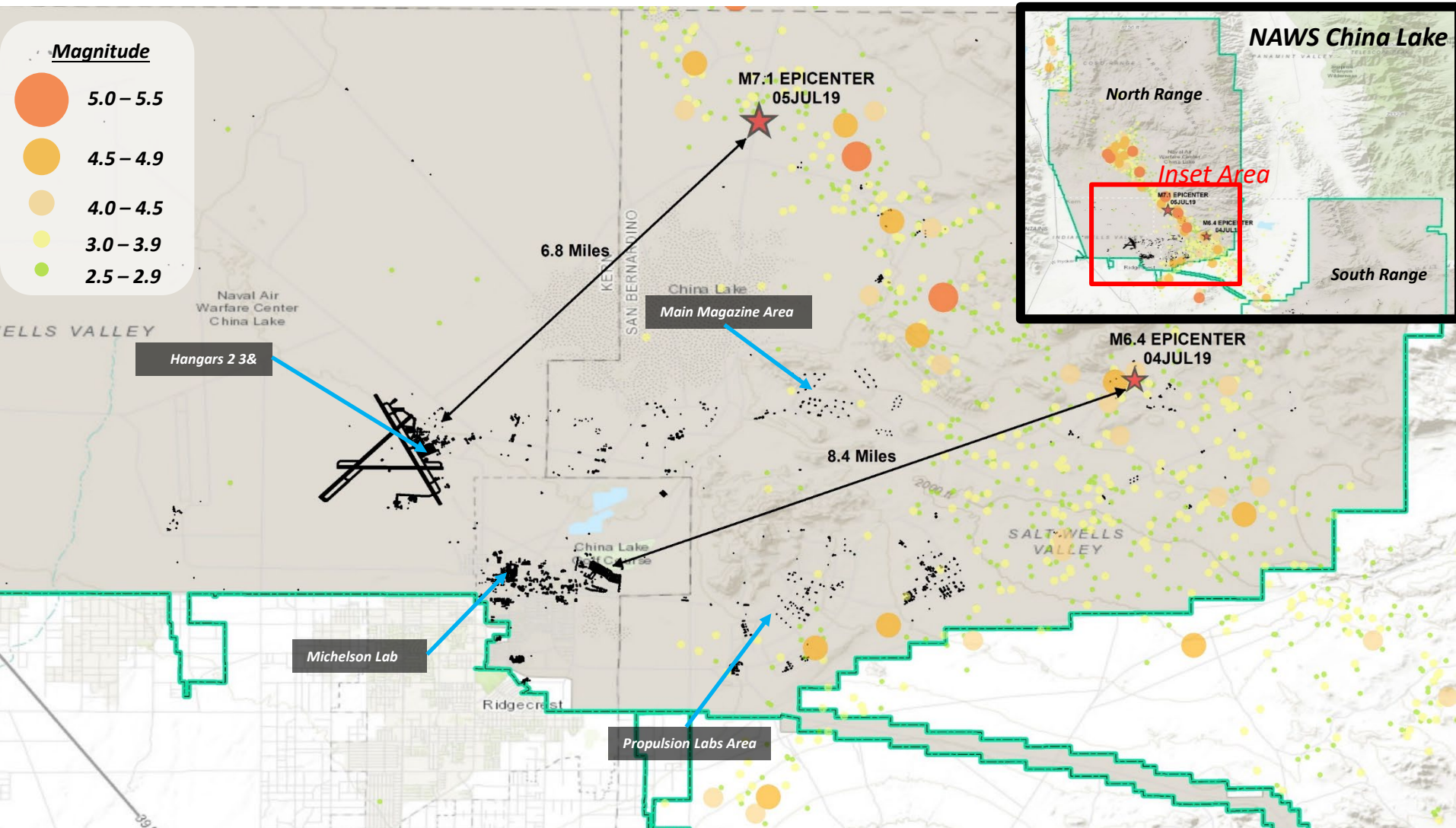
V-22 Osprey Bed Down



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



Earthquake Recovery MILCON

Orientation & Construction Oversight CONOPS



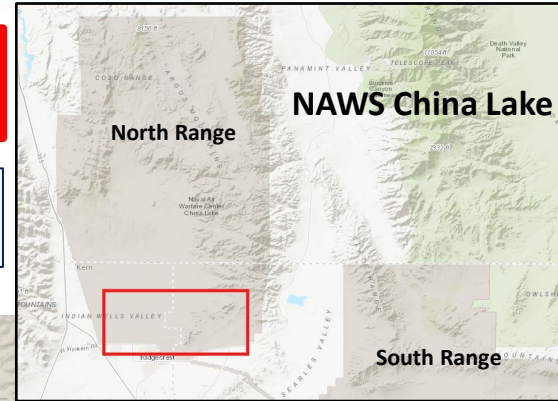
South Airfield: \$948M

- 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)

18 projects @ \$2.3B funded in FY20 Appropriations Bill

Range Control Complex: \$192M

- P1911 Range Control Complex: \$192M

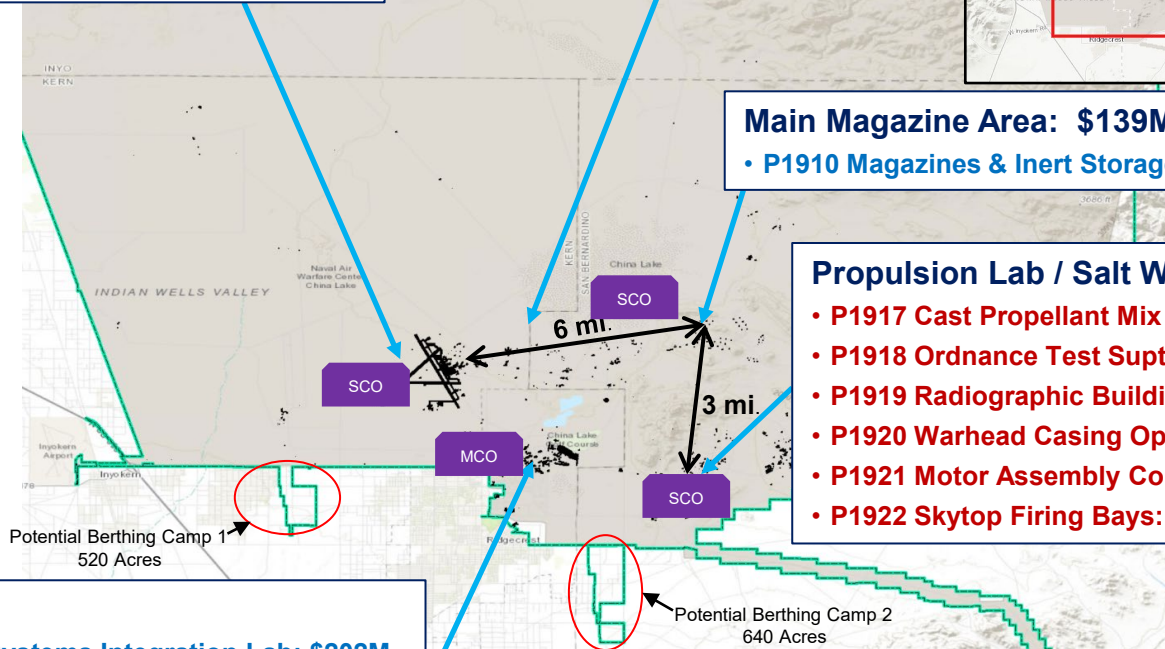


Main Magazine Area: \$139M

- P1910 Magazines & Inert Storage Facility: \$139M (CNIC)

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

Key:
 FY20 PLANNED AWARDS
 FY21 PLANNED AWARDS

MCO = Main Construction Office

SCO = Satellite Construction Office

China Lake MILCON Project Timelines

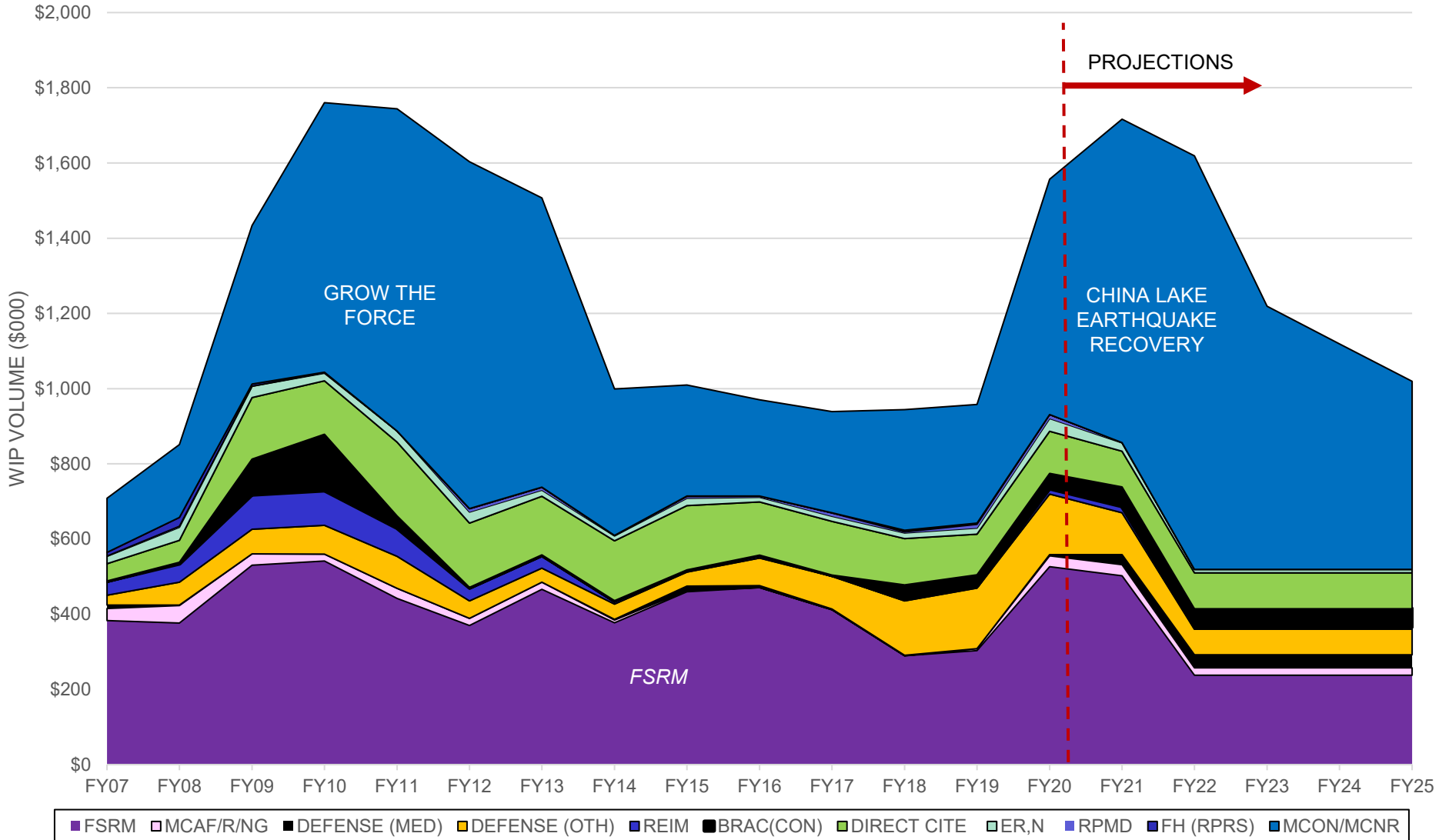
(Subject to Change)



FY	P#	PROJECT TITLE	Design/ Acq Strategy	PA (\$M)	FY20				FY21				FY22				FY23				FY24				FY25			
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
20	1910	Magazines and Inert Storage Facility	DB MACC	139	■	■			■																			
20	1900	Hangar 3 Replacement, Apron, Taxiway & Utilities for RDT&E	DB GCCC	515	■	■	■		■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
21	1901	Integration Lab		150	■	■	■		■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
20	1902	Air Operations Facility and Air Traffic Control Tower		71	■	■	■		■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
20	1907	Aircraft Parking Apron in Support of Hangar 2 Replacement		51	■	■	■		■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
21	1908	Advanced Weapons Hangar		117	■	■	■		■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
21	1914	Aircraft Rescue and Fire-fighting (ARFF) Station		45	■	■	■		■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
20	1903	Michelson Mission Systems Integration Laboratory	DB MACC	202	■	■	■		■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
20	1916	Community Support Facilities	DB MACC	86	■	■	■		■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
21	1904	Michelson Laboratory Complex	DB MACC	282		■	■	■	■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
21	1911	Range Control Complex	DB MACC	192		■	■	■	■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
21	1918	Ordnance Test Support and Technical Services Laboratory	DB MACC	88		■	■	■	■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
21	1920	Warhead Casing Operations	DB SB MACC	24		■	■	■	■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
21	1924	Academic Training Building	DB SB MACC	35		■	■	■	■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
21	1917	Cast Propellant Mix Building	DB MACC	56		■	■	■	■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
21	1919	Radiographic Building	DB MACC	53		■	■	■	■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
21	1921	Motor Assembly Compound	DB MACC	52		■	■	■	■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
21	1922	Skytop Firing Bays	DB MACC	124		■	■	■	■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

RFP Prep ACQ Design Construct Outfit

NAVFAC SOUTHWEST HISTORICAL WIP



FY20 & 21 Workload Distribution



Navy Installations

Project Size	NB San Diego	NB Coronado	NB Point Loma	NWS Seal Beach	NB Ventura County	NAWS China Lake	NAS Lemoore	NAS Fallon	NSA Monterey	NAF El Centro
< \$25M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
\$25-\$100M	✓	✓		✓		✓	✓	✓		
\$100-\$200M	✓					✓	✓	✓		
>\$200M						✓				

Marine Corps / Air Force Installations

Project Size	MCB Camp Pendleton	MCAS Camp Pendleton	MCAS Yuma	MCAS Miramar	MCAGCC 29 Palms	MCRD San Diego	MCLB Barstow	MCMWTC Bridgeport	Travis AFB
< \$25M	✓	✓	✓	✓	✓	✓	✓	✓	✓
\$25-\$100M	✓		✓	✓	✓				✓
\$100-\$200M	✓								
>\$200M									

** Data contained herein is based on the best available information and is subject to change.

FY20 & FY21 Workload >\$4.3B



NAVFAC SW Planned

Multiple Award Construction Contracts



Title	Type	Capacity	RFP	Est. Award Date
Mini-MACC NorCal/NV	SB	\$99M	Awarded	Q2 FY20
Mini-MACC SoCal/AZ	SB	\$99M	Issued	Q3 FY20
Mini-MACC Central CA	SB	\$99M	Issued	Q3 FY20
Mini-MACC SD Metro	SB	\$99M	Issued	Q3 FY20
Small Business	SB	\$495M	TBD	Q3 FY20
Waterfront	UR	\$750M	TBD	Q4 FY20
Hubzone	SB	\$450M	TBD	Q4 FY20
C&I	UR	\$2.5B	TBD	Q1 FY21
Medical	UR	\$249M	TBD	Q1 FY21
Secure Spaces	TBD	TBD	TBD	Q1 FY21
Paving	SB	TBD	TBD	Q3 FY21

**** Data contained herein is based on the best available information and is subject to change**

Future Workload



Search
“NAVFAC
Southwest”

Future Workload
Report
at
NAVFAC
Southwest
Homepage
USEFUL LINKS

The screenshot shows the NAVFAC Southwest website. At the top, there is a search bar with the text "Enter Query" and a magnifying glass icon. Below the search bar are links for "Employees", "eProjects", "SC Access", and "View Map". The main navigation menu includes "ABOUT US", "CONTACT US", and "NEWS". The featured article is titled "NBPL 69KV Cable Termination Repair" and includes a photo of workers in safety gear performing maintenance on high-voltage equipment. Below the article, there is a "USEFUL LINKS" section with three items: "Contractor Visit Protocol", "Future Workload Projection for Q3 FY2017", and "How to Obtain an Architect-Engineer Contract with NAVFAC Southwest". To the right of this section is an "ANNOUNCEMENTS" section with a "View All" link and a post titled "Problem with Website Security Certificate" dated Jan 3 2017. A red box highlights the "USEFUL LINKS" section, and a red arrow points from it to a second "USEFUL LINKS" section located in a separate box on the right side of the page, which contains the same three links plus a fourth item: "New Hire" Information.

http://www.navfac.navy.mil/navfac_worldwide/atlantic/fecs/southwest.html

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:**
https://www.navfac.navy.mil/navfac_worldwide/pacific/fecs/southwest.html
- **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

Q & A

Large Business Sponsors — Thank you!

Jacobs

Challenging today.
Reinventing tomorrow.



Small Business Sponsors – Thank you!



***Closing remarks
& thank you!***