

MARINE CORPS BASE HAWAII Facilities Construction and Sustainment Program



**Society of American Military Engineers
Honolulu Post**

18 Sep 2024

MISSION

Project Power

Produce Readiness

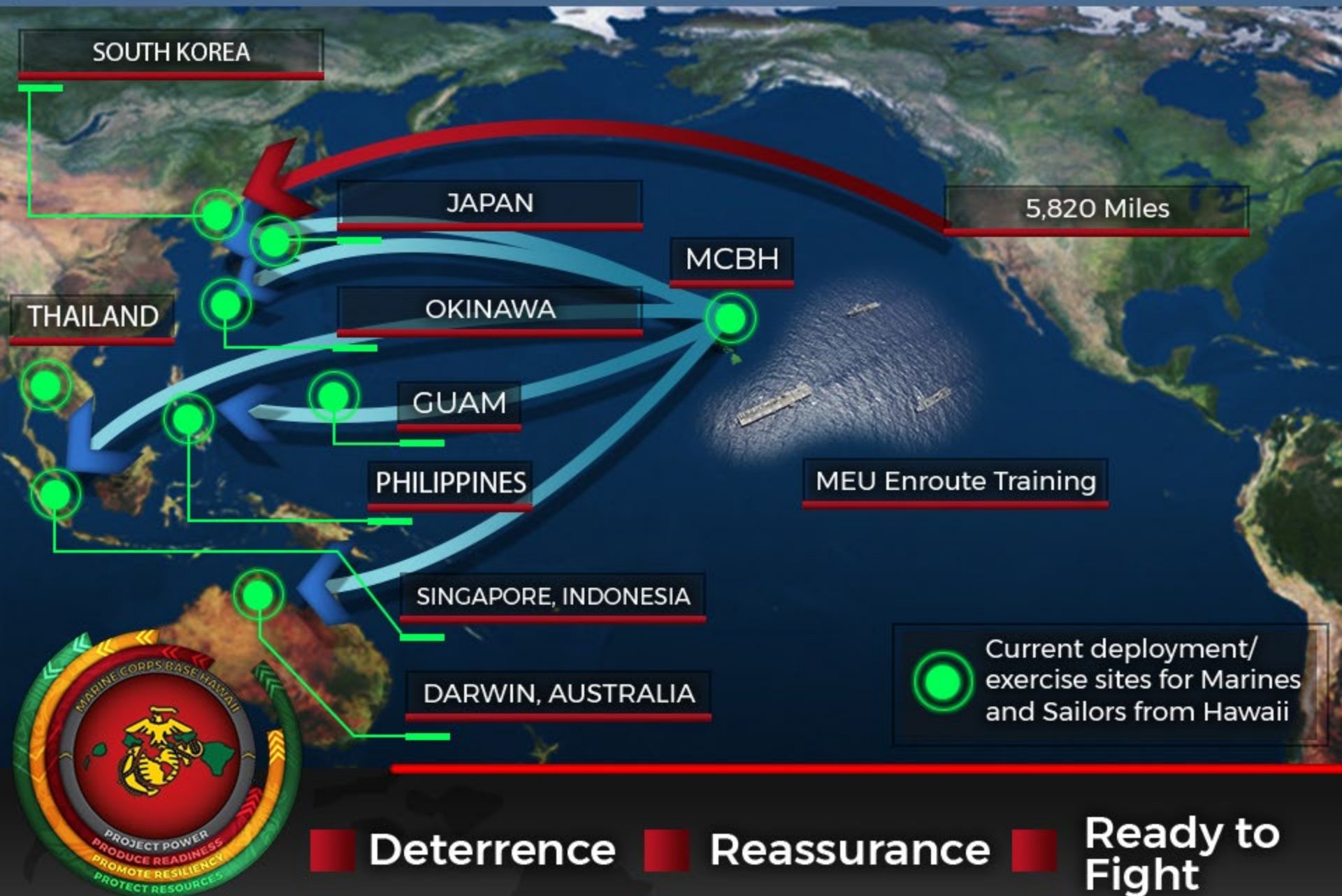
Promote Resiliency

Protect Resources



Marine Corps Base Hawaii provides forward-based, sustainable and secure training and operational support, facilities, and services to enable Operational Forces to accomplish their mission.

Trained, manned, and equipped – forward presence



MCBH is not just Kaneohe Bay

Manana Housing,
Pearl City



Waikane Valley

Camp Smith,
Halawa Heights



Pu'uloa Range Training Facility,
Ewa Beach



Marine Corps Base Hawaii,
Kaneohe Bay



Marine Corps
Training Area Bellows



Molokai
Training
Support
Facility

Pearl City Annex

POPULATION	2022	2030
Active Duty	9,000	10,350
Family Members	7,000	8,100
Civilians/CTRs	2,000	2,600
TOTAL	~ 18,400	~ 21,200

↑ 15%

- A dispersed city of 4,670 acres that includes: 2,600 homes, an airport, industrial areas, ranges and training areas, retail, school/day care, marina, golf course.

- Over \$1.77B per year into the local economy.





Force Design 2030 in Hawaii

Outgoing Platforms



AH-1Z

UH-1Y

CH-53E



RQ-21

AAV

M777

Incoming Platforms



KC-130J

MQ-9

TPS-80



MADIS

NMESIS

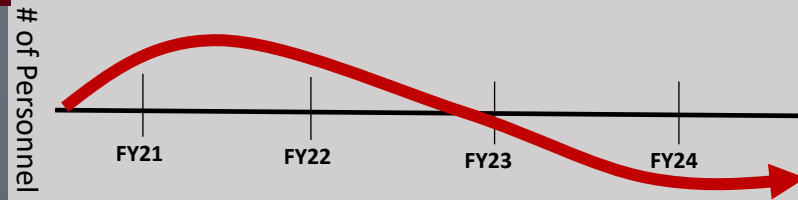
LRUSV*

LAW*

Deactivating Units



MCBH personnel changes due to FD



Infrastructure for a Growing Force

“A Tale of Two Cities”

NAS Kaneohe
Pre-1940



MCBH
2023

WWII facilities/infrastructure inadequate for the needs of our modern Warfighter

The Old

- BEQs, Warehouses, Hangars, built in the 1930s
- Deteriorated roadways, electrical system, water lines

The New

- Corrosion Control Hangar
- MLR Comm/Elec Facility
- Med/Den Clinic/MV-22 Hangars/Housing/BEQs



Modern BEQ

MCAS OPS Bldg



Note NAS Kaneohe in the late 1930s and compare it to modern day MCBH Kaneohe Bay – very similar, as much of the infrastructure remains and is still being used.



Focus and Collaboration Areas

- **Barracks Modernization / Quality of Life Improvements** – Multiple MILCONs to construct new barracks and future renovation projects in planning.
- **Energy EUL** – Improving energy resilience in coordination with HECO.
- **Installation Master Plan Update**
 - Comprehensive analysis of requirements and existing infrastructure. ECD Sep 2025.
- **EV Infrastructure and Water Security Studies**
 - Developing sites for EV charging.
 - Improve availability of potable and non-potable water to sustain operations during potential outages. Planned for Q1 FY25 award.
- **Intergovernmental Support Agreements (IGSAs)** – Exploring opportunities with county and state for services.
- **Engineering With Nature Projects**
 - Developing pilot projects for MCTAB, PRTF, and Nu'upia Ponds in coordination with local communities.



MCBH MILCON Program

Awarded – Construction in Progress

FY	P#	PROJECT TITLE	LOCATION	COST (\$M)
2020	911	BACHELOR ENLISTED QUARTERS, PARKING STRUCTURE, STORAGE WAREHOUSE (EST COMPLETED OCT 2024)	KANEOHE BAY	\$117.8
2022	955	MILITARY WORKING DOG KENNEL (UMC)	KANEOHE BAY	\$7.8
2022	964	RAPPEL TOWER & OUTDOOR CLASSROOM (UMC)	KANEOHE BAY	\$7.8
2022	947	MCTAB PERIMETER SECURITY FENCE (UMC)	MCTA BELLOWS	\$8.5
2022	935U	CONFIDENCE (GAS) CHAMBER TRAINING FACILITY (UMC)	KANEOHE BAY	\$2.1
2023	956 973	BACHELOR ENLISTED QUARTERS	KANEOHE BAY	\$175



MCBH MILCON Program

Short Range 1-3 years

FY	P#	PROJECT TITLE	LOCATION	COST (\$M)
2025	935	ELECTRICAL DISTRIBUTION MODERNIZATION, PH1	KANEOHE BAY	\$50-\$100
2025	986	AIRFIELD GUARD HOUSES (UMC)	KANEOHE BAY	\$5 - \$10
2025	2001	C-40 MAINT HANGAR & HANGAR APRON	KANEOHE BAY	\$100-\$150
2025	875	WRF COMPLIANCE UPGRADES	KANEOHE BAY	< \$150
2025	974	NEW AIRCRAFT HANGAR AND APRON (H103 REPLACEMENT) (FORCE DESIGN)	KANEOHE BAY	\$100-\$150
2026	968	ELECTRICAL DISTRIBUTION MODERNIZATION, PH2	KANEOHE BAY	\$50-\$100
2026	1003	3D MLR ARMORY EXPANSION (FORCE DESIGN)	KANEOHE BAY	\$50 - \$100
2026	993	1 ST LAAD H&S CO COMPOUND	KANEOHE BAY	< \$100
2026	983	C-130 WASHRACK (FORCE DESIGN)	KANEOHE BAY	> \$50



MCBH MILCON Program

Mid Range 4-10 years

FY	P#	PROJECT TITLE	LOCATION	COST (\$M)
2027	994	NMESIS FACILITY (FORCE DESIGN)	KANEOHE BAY	\$50 - \$100
2027	995	CONSOLIDATED SWA (FORCE DESIGN)	KANEOHE BAY	\$50 - \$100
2028	876	FLIGHTLINE SECURITY AND AT/FP COMPLIANCE	KANEOHE BAY	> \$50
2028	997	ATC CO M COMPOUND (FORCE DESIGN)	KANEOHE BAY	\$50 - \$100
2028	878	CAMP SMITH ENTRY CONTROL AT/FP COMPLIANCE	CAMP SMITH	> \$50
2029	948	MALS-24 MAINTENANCE FACILITY (FORCE DESIGN)	KANEOHE BAY	< \$100
2029	1004	3D LAAB AC CO COMPOUND (FORCE DESIGN)	KANEOHE BAY	> \$50
2030	843	MULTI-PURPOSE TRAINING COMPLEX (FORCE DESIGN)	KANEOHE BAY	< \$100
2030	966	CONSOLIDATED PARALOFT AND DIVE/BOAT SHOP (FD)	KANEOHE BAY	< \$100
2030	951	NU'UPIA MAIN GATE ENTRY CONTROL POINT	KANEOHE BAY	\$50 - \$100
2031	873	ENLISTED DINING FACILITY	KANEOHE BAY	< \$150
2031	912	BACHELOR ENLISTED QUARTERS	KANEOHE BAY	\$50 - \$100
2031	979	C-130 REFUEL PIT (FORCE DESIGN)	KANEOHE BAY	> \$50
2031	996	PLESS HALL RENOVATIONS	KANEOHE BAY	< \$100
2031	1006	CONSOLIDATED GCS COMPLEX (FORCE DESIGN)	KANEOHE BAY	> \$50



Centrally Managed Program

Awarded – M2/R2 Construction in Progress

Proj #	Project Title	Cost (\$M)
HI1722R	Bailey Road Pedestrian Safety Upgrade, Camp Smith	\$2.96M
HI2109M	Replace B4 Generator 2 and MS Switchboard, Camp Smith	\$5.89M
HI1607M	Repair Hangar Fire Protection Distribution Line	\$9.08M
HI2039M	Repair BEQ Bathrooms Bldg 402, Camp Smith	\$1.97M
HI2038M	Repair BEQ Bathrooms Bldg 401, Camp Smith	\$4.00M
HI2204M	Repair Data Center at B208	\$6.96M
HI1621M/R	Bldg 1619 Repairs	\$4.76M
HI1513M	Repair Photography Bldg 267	\$6.29M
HI2218M	Repair WRF Secondary Clarifier, B892A	\$8.53M
HI2110M	Repair B81, MARFORPAC Telephone Exchange Bldg	\$2.76M
HI2045M	Interior Painting of Hangar 102	\$5.23M
HI422M	Repair Helo Parking Area	\$8.52M
HI2404M	Replace Roof, Bldg 5, Camp Smith	\$4.13M
HI2037M	Repair Fuel Pit for MV-22 Use	\$3.38M
HI1741M	Van Pad 1A (Bldg 5037) Repairs	\$17.9M



Centrally Managed Program

Awarded – M2/R2 Construction in Progress

Proj #	Project Title	Cost (\$M)
HI2025M	Repairs to Dedicated Central Office, Bldg 213	\$7.61M
HI2006M	Repair Automotive Org Shop, Bldg 3014	\$6.7M
HI1805M	Repair Mess Hall, Bldg 1089	\$10.67M
HI2301M	WRF Primary Digester	\$19.5M
HI2303M	Switchgear and Generator Repairs, Bldg 20, Camp Smith	\$13.2M
HI1724R	Install Backup Generators at Mess Hall, Bldg 1089	\$1.5M
HI2406M	Repair Patio Foundation Deficiencies, Bldg 500, Camp Smith	\$1M
HI2402M	Emergency Waterline Repair, B373	\$7M
HI2116M	Replace Elevator 46, Bldg 20, Camp Smith	\$4.9M
HI1747M	Post Office AC Bldg 6644	\$2.4M



Centrally Managed Program

FY25 M2/R2 Outlook

Proj #	Project Title	Target Award
HI2403M	Repair Life Safety Egress Deficiencies for Bldg 80	Q1
HI0712M	Window Replacement Bldg 1, Camp Smith	Q1
HI1203M	Repair Combat Training Pool Chemical Storage Areas B252	Q1
HI2008M	Repair Misc Roads at MCBH Kbay	Q3
HI1729M	Repairs to Water Distribution Line	Q3
HI2504M	WRF Disinfection System	Q4
HI1307M	Repair Fire Station Bldg 4074	Q4
HI1808M	Repair 1/12 Motor Pool Bay, Bldg 5001	Q4
HI2116M	Replace Elevator 46 at B20, Camp Smith	Q4
HI2305M	Repair East Side Installation Security Fence, Camp Smith	Q4
HI1714M	Repairs to Storm Drain Storage System	Q4
HI2401M	B3089 Renovation for 3 rd MLR	Q4
HI2526M	Repair B501, Camp Smith	Q4



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QUESTIONS

