Marine Corps Installations East

2018 Facilities Outlook

Brief to Society of American Military Engineers-Coastal Carolina Post

12 April 2018

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Public Works Officer
Marine Corps Installations-East/
Marine Corps Base, Camp Lejeune
MCIEAST Installations

- 56+ Million square feet of facilities
- 172 Thousand acres
- $12 Billion PRV
- 8000+ homes
- 168 BEQs
- 11 Threatened and Endangered Species

MCAS Cherry Point
MCAS New River
MCB Camp Lejeune
MCAS Beaufort
MCLB Albany
MCSF Blount Island
MCRD Parris Island
MCIEAST Installation Facts

<table>
<thead>
<tr>
<th>Items of Interest</th>
<th>Beaufort</th>
<th>Cherry Point</th>
<th>*New River</th>
<th>Camp Lejeune</th>
<th>Albany</th>
<th>Blount Island</th>
<th>MICEAST Totals</th>
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</thead>
<tbody>
<tr>
<td>Area in acres</td>
<td>12,764</td>
<td>30,094</td>
<td>2,773</td>
<td>121,824</td>
<td>3,619</td>
<td>1,415</td>
<td>172,489</td>
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<tr>
<td>Number of Facilities</td>
<td>479</td>
<td>753</td>
<td>446</td>
<td>2,832</td>
<td>390</td>
<td>120</td>
<td>5,020</td>
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<td>Sq Footage of Facilities</td>
<td>3,889,867</td>
<td>9,069,737</td>
<td>4,630,600</td>
<td>26,788,107</td>
<td>10,887,541</td>
<td>1,142,118</td>
<td>56,407,970</td>
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<td>Sq Footage PRV</td>
<td>$762,559,700</td>
<td>$2,290,423,031</td>
<td>$963,297,391</td>
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<td>$1,311,648,154</td>
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<td>Paved Roads (Miles)</td>
<td>56</td>
<td>136</td>
<td>17</td>
<td>431</td>
<td>41</td>
<td>9</td>
<td>690</td>
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<tr>
<td>Number of BEQs</td>
<td>11</td>
<td>20</td>
<td>14</td>
<td>122</td>
<td>1</td>
<td>0</td>
<td>168</td>
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<tr>
<td>Number of BOQs</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>12</td>
<td>2</td>
<td>0</td>
<td>18</td>
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<tr>
<td>Family Housing Capacity</td>
<td>1,279</td>
<td>1,582</td>
<td>0</td>
<td>5,071</td>
<td>110</td>
<td>0</td>
<td>8,042</td>
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</table>

*All New River land and buildings are on Camp Lejeune’s property records and are maintained through Camp Lejeune G-F.

**MCRD Parris Island aligns under TECOM with support from MCIEAST. Total acreage is 8,095.
Construction Opportunities

• Traditional construction projects:
  ➔ Military Construction:
    ▪ New construction and development:
      ▪ These projects are multi-million dollar contracts
      ▪ Each project approved by Congress
  ➔ Facilities Sustainment, Restoration, and Modernization (FSRM):
    ▪ Projects can range from a few thousand to several million dollars:
      ▪ Includes complete building renovations and utility plant and infrastructure repairs
      ▪ Funding managed within the Marine Corps
      ▪ History of consistent funding levels to sustain facilities, but reductions are being realized

• Energy and Environmental Projects.

• Architectural and Engineering Services:
  ➔ Design drawings (design-build and design-bid-build)
  ➔ Wide range of consulting services

• Community Challenges - Two areas falling short of our standards include:
  ➔ Mechanical Systems
  ➔ Electronic Controls Systems
INFRASTRUCTURE RESET
FRAMING THE PROBLEM

Installation readiness cannot be sustained with continued footprint growth combined with declining maintenance resources. The Marine Corps requires a holistic and comprehensive strategy that unifies the requirements of the OPFORs and SE, ensures responsive support to forward deployed forces and training, and optimizes investments to meet current and future infrastructure requirements.

To reduce infrastructure cost we must reduce footprint. We must reinvest mined savings to close the gap. These are necessary, but not sufficient, steps.

Source: MCICOM IR Brief Apr 2016
• MCIEAST has an unrestrained MILCON requirement of $2.5 billion.
• Projects for new equipment platforms (JSF), Safety and Environmental concerns, and Force Relocation (DPRI) will take priority in out-years.
• MCIEAST continues to work with NAVFAC on contract delays and construction quality.

MCIEAST FY18/19 MILCON

<table>
<thead>
<tr>
<th>MCB, Camp Lejeune</th>
<th>MCAS, Cherry Point</th>
<th>MCAS, Beaufort</th>
<th>MCLB, Albany</th>
<th>MCSF, Blount Island</th>
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</thead>
<tbody>
<tr>
<td>• Med/Dent. Clinic Wallace Creek&lt;br&gt;• Med/Dent. Clinic Hadnot Point&lt;br&gt;• Med. Clinic French Creek&lt;br&gt;• Immersion Trainer&lt;br&gt;• Water Treatment Plant Replacement&lt;br&gt;• Camp Johnson BEQ</td>
<td>• Central Heating Plant Conversion&lt;br&gt;• F-35 Maintenance Hangar&lt;br&gt;• Flight Line Utilities Replacement</td>
<td>• Aircraft Hangar – VMFAT&lt;br&gt;• Recycling/ Hazwaste Facility Replacement</td>
<td>• Combat Vehicle Warehouse</td>
<td>NO APPROVED MILCON</td>
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<tr>
<td>MCAS, New River</td>
<td>CH-53K Cargo Loading Tower&lt;br&gt;• Med/Dent.Clinic Replacement</td>
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</table>

Focus: Enable warfighting platform introduction to the operating forces (F-35, KC-130J, UAS, CH-53K, AH-1Z), Environmental Compliance, Safety, Ground Combat Training, Intelligence/Cyber Security
Upcoming MILCON Projects by FY

**FY17 MILCON = 5 Projects**

- P680 CH-53K Cargo Loading Trainer
- P1800 Replace II MEF, 2D MEB, and 2D MARDIV HQTRS
- P1320 Camp Johnson BEQ
- P4041 Medical/Dental Clinic Replacement (HP)
- P4040 Medical Clinic Replacement (FC)

**FY18 MILCON = 6 Projects**

- P680 CH-53K Cargo Loading Tower
- P9838 Medical/Dental Clinic Replacement
- P1043 Water Treatment Plant Replacement
- P1458 2nd Radio Bn Complex, Phase II
- P1338 II MEF Simulation/Training Center
- P4019 Dental Clinic Replacement

**FY19 MILCON = 3 Projects**

- P1483 ACV Maintenance Facility Upgrades
- P1396B SOF Intel OPS Expansion Phase II
- Q1481 Individual Training Course

**FY 20 MILCON = 8 Projects**

- P1800 Replace II MEF, 2D MEB, and 2D MARDIV HQTRS
- P1320 Camp Johnson BEQ
- P4041 Medical/Dental Clinic Replacement (HP)
- P4040 Medical Clinic Replacement (FC)
- P1362 SOF Human Performance Training Center
- Q1481 Individual Training Course
- Q1482 MARSOC Classroom
- Q1394 SOF Motor Transport Maintenance
**FSRM History and Current Projections**

*Starting in FY15, data includes MCRD Parris Island and excludes MCAF Quantico*

**FY18 CMP includes regular and straddle projects, plus FY17 projects carried over to FY18**

***FY18 numbers are subject to change***

<table>
<thead>
<tr>
<th>FY</th>
<th>Lejeune/New River</th>
<th>Cherry Pt</th>
<th>Beaufort</th>
<th>Albany</th>
<th>Blount Island</th>
<th>Parris Island</th>
<th>Total</th>
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<tr>
<td>FY16</td>
<td>$82,193</td>
<td>$23,087</td>
<td>$25,164</td>
<td>$12,399</td>
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<td>$31,876</td>
<td>$183,096</td>
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<td>FY17</td>
<td>$125,755</td>
<td>$56,491</td>
<td>$17,225</td>
<td>$92,028</td>
<td>$11,815</td>
<td>$34,162</td>
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<td>FY18</td>
<td>$184,399</td>
<td>$50,991</td>
<td>$22,701</td>
<td>$20,865</td>
<td>$8,058</td>
<td>$32,195</td>
<td>$319,209</td>
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FY18 Facilities Sustainment, Restoration & Modernization Program

- MCIEAST installations:
  - Ranges from painting, paving, system/component repairs/replacement to complete building renovation. Includes new construction under $1M.
  - Projects range from a few thousand to several million dollars

- $35-40M available USMC-wide for energy-investment projects in FY18.

- Current projections are that FY18 will only be funded to 83% of our facilities sustainment requirement.

- Increase in straddle = increased potential opportunities.

- Priorities include:
  - Barracks Renovation
  - Paving
  - Utilities

- Impacts of Infrastructure Reset to FSRM program unknown at this time; under development.

- Funding projections for MCIEAST bases beyond FY17 unknown at this time.
Acquisition Tools

• Camp Lejeune Current AQ Tools:
  ➔ Civil/Paving MACC
  ➔ SDVOSB MACC
  ➔ Mini MACC
  ➔ Mechanical MACC
  ➔ HUBZONE MACC
  ➔ General MACC
  ➔ Roofing MACC
  ➔ JOC
• MACCs developed at Camp Lejeune support Cherry Point.
• Due to limited demand, NAVFAC ML reach-back is used for local DB MACC requirements.
• AQ Tools in Work:
  ➔ Mechanical/Electrical/Plumbing MACC – $230M
  ➔ General Construction MACC – $249M
  ➔ Maintenance & Repair MACC – $40M
    ▪ Replaces lost construction capacity from BOS (BTO)
  ➔ Civil/Paving MACC
Acquisition Tools, Cont

- 8(a) JOC
  - NAVFAC Priority - Will continue into foreseeable future
  - M&R MACC

- Acquisition tool decision process includes:
  - Complexity, Size, Risk, Mission Impact, Schedule
  - CPARS

- A/E MACC Contracts:
  - Five (5) for DBB Projects
  - Additional A/E IDIQ’s unknown at this time – Dependent on Funding

*** FY18 Expenditure and Workload are estimates only ***
Energy Opportunities

• Energy continues to be a significant focus for the Marine Corps:
  ➔ Energy Investment Program
  ➔ Energy Conservation Investment Program
  ➔ Energy Savings Performance Contracts
  ➔ Utility Energy Service Contracts
  ➔ Industrial Control Systems
  ➔ Third-party Commissioning

• DON Focus on Resilience.
Supporting the Marine Corps Requires a “Full Spectrum” of Environmental Work

• Environmental Compliance:
  ➔ Hazardous Waste Collection
  ➔ Spill Response/Contingency Planning
  ➔ Air Quality Requirements
  ➔ Emergency Planning and Community Right-to-Know Act Reporting
  ➔ Water Quality Requirements – Wastewater, Drinking Water, Stormwater
  ➔ Lead/Asbestos Abatement
  ➔ Laboratory Services
  ➔ Environmental Management Services and Pollution Prevention Planning

• Environmental Conservation:
  ➔ Environmental Planning (National Environmental Policy Act)
  ➔ Natural Resources Management
  ➔ Cultural Resources Management

• Environmental Restoration:
  ➔ Installation Restoration
  ➔ Munitions Response Program
  ➔ Range Clearance
<table>
<thead>
<tr>
<th>FUND SOURCE</th>
<th>Project Number</th>
<th>Project Title</th>
<th>Installation</th>
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<tbody>
<tr>
<td>FSRM</td>
<td>LE1446M</td>
<td>BLDG. M422 INTERIOR AND EXTERIOR REPAIRS</td>
<td>MCB, CAMP LEJEUNE</td>
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<tr>
<td>FSRM</td>
<td>LE1643M</td>
<td>UN660 SUB-STATION 1 REPAIRS</td>
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<td>FSRM</td>
<td>LE1745M</td>
<td>ENLISTED UNACCOMPANIED PERSONNEL HOUSING FC416 REPAIR PROJECT</td>
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<td>LE1749M</td>
<td>APPLIED INSTRUCTION BUILDING M324 REPAIRS</td>
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<td>FSRM</td>
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<td>LYMAN ROAD &amp; SNEADS FERRY ROAD PAVING UN280 REPAIRS</td>
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<td>LE1817M</td>
<td>GYMNASIUM BB2 ROOF REPAIRS</td>
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<td>FSRM</td>
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<td>BLDG FC540 MECHANICAL REPAIRS</td>
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<td>LE1902R (IR PROGRAM)</td>
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<td>LE16EMD01R</td>
<td>GROUNDWATER MONITORING WELL INSTALLATION</td>
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<td>INSTALL PIPE LEAK DETECTION AT AS498-03U AND AS512-03U RCRA</td>
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<td>CONSTRUCT SOLAR SUNSHADES WITH ENERGY STORAGE</td>
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<td>Project Title</td>
<td>Installation</td>
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<td>FSRM</td>
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<td>FSRM</td>
<td>CP1405M</td>
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<td>CP1703R</td>
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<td>REPLACE POTABLE WATER SUPPLY WELLS</td>
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</tbody>
</table>
Points of Contact

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Marine Corps Installations-East
(910) 451-1081
Questions?