

MCFA has a rich history of providing Master Planning services with a focus on the development of executable solutions for clients in the federal, state and municipal government, as well as the private sector. Our Master Planning DNA (Discover, Navigate, Accelerate) is hardwired into every planning activity we execute. The MCFA DNA approach to master planning ensures that unique customer mission requirements are properly and strategically addressed in all facility and installation planning activities.

Key Experience

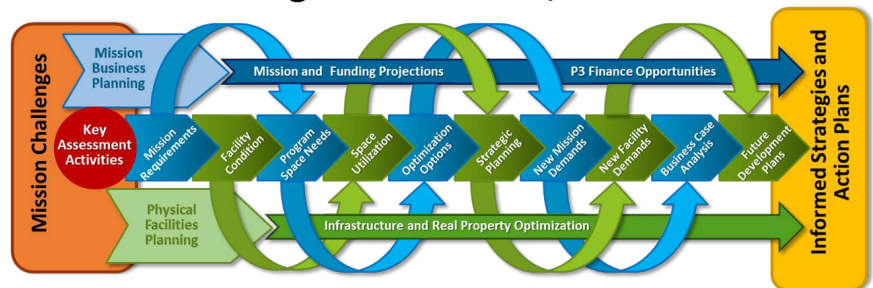
Facilities Master Planning

- BFR/Customer Requirements Analysis
- Space Planning and Programming
- Planning Charrettes
- EcoCharrettes
- Cost Estimating
- DD 1391s
- Facility Condition Assessments
- Asset Management Surveys
- Business Case Analysis
- Energy Management Plans
- Site Development Plans
- Environmental Conditions Assessments
- NEPA Documentation
- P3 Finance Opportunities

Installation Master Planning

- RSIPS
- Vision Plans
- Installation Development Plan
- Area Development Plans
- Infrastructure Capacity Assessments
- BEAP/Installation Design Guides
- Capital Investment Strategies Asset Management Strategies Energy
- Master Plans Sustainability/ Resiliency
- RPLANS Updates

Discover-Navigate-Accelerate, the MCFA DNA



Discover - Key to our ability to deliver success to our customers is the fact that we approach installation, facilities and infrastructure master planning based on a practical and project development and execution approach. We approach planning as an activity that blends mission business process requirements, goals and vision, with real property, site, facility, infrastructure, and funding realities.

Navigate - We understand how to blend the nuances of organizational design, dynamics and decision-making with internal and external stakeholder interests to chart a path to success for project implementation. Our planners have the know-how to blend engineering science, business processes, organization design, and strategic planning tactics into effective strategies and plans to address a customer's mission, programming, physical space, and aesthetics vision.

Accelerate - MCFA brings industry-leading experience in planning and executing innovative facilities and energy projects for the Department of Defense, transportation agencies, and large institutional clients to help ensure we develop plans and projects that can be implemented and maintained in an enduring manner. We help advance project implementation by providing strong economics and business analytics rigor and evaluation to ensure the project can be competitive in the agency's program funding review process.

US ARMY RESEARCH LABORATORY (ARL) LABORATORY INFRASTRUCTURE MASTER PLAN MULTIPLE LOCATIONS - CONUS

PROBLEM

- Aging, dispersed facilities spread out among three DoD installations and partner sites
- Limited support funds for facility construction and maintenance
- Opportunities to leverage Laboratory status for OSD level facility funding
- Paradigm change in the inclusion of outside entities to the R&D process

SOLUTION

- Connected existing and planned facilities to Essential Research Areas to support the Army of 2050.
- Development of a plan of action to divest and consolidate existing facility footprint to incorporate flexibility to house emerging mission requirements.
- Identification of major construction projects as an opportunity to leverage laboratory funding authorities and potential non-DOD partners.

RESULTS

- In progress EUL development at Adelphi Laboratory Center to support ARL collaboration opportunities
- Plan for Artificial Intelligence (AI) and Machine Learning (ML) facilities to leverage state financing.
- Course of action for ARL to leverage laboratory construction funds for High Performance Computing (HPC) facility development.



99TH ARMY RESERVE SUPPORT COMMAND REAL ESTATE INVENTORY MANAGEMENT SUPPORT JOINT BASE MCGUIRE DIX LAKEHURST, NJ: SERVICES FOR THE ENTIRE AOR

PROBLEM

- Management of geographically diverse facilities and real estate under the command of multiple installations
- Growing mission requirements in aging facilities
- Special facility requirements to maintain continuity of operations support during disaster and relief efforts.

SOLUTION

- Ongoing site visitations to perform facility condition and utilization assessments and GFEBs real property inventory updates.
- Development of DD1391 products, charrette leadership and technical guidance for construction projects.
- Development and implementation of Real Estate Internal Controls (IC's) and Standard Business Processes (SBP's).
- Management of Army real estate practices to process easements, licenses, permits, and leases, manage jurisdiction related issues and disposal of excess Real Estate to include disposals mandated by BRAC or public law.

RESULTS

- Enhanced readiness of the 99th's facilities from Virginia to Maine
- Executable plan for facility maintenance and repair
- Plan for MILCON new construction