

## **COMPREHENSIVE MASTER PLANNING Examples**

R&K has many years and numerous examples of providing a wide range of Comprehensive Master Planning support services. This support comes in the form of a variety of products including:

**Real Property Master Plans (RPMP)** are a series of documents that describe the current composition of a military installation and the plans for its orderly and comprehensive long-range development. RPMP can be prepared for any organization or entity owning an inventory of real property (buildings, grounds, utilities). Generally, an RPMP provides developmental guidance for a twenty-year period. The RPMP constitutes a management tool that aids in making certain operational decisions apart from developmental requirements. Factual material describing the installation/site, its mission and operational environment is summarized in a comprehensive format.

**Long Range Component (LRC)** is prepared to investigate and analyze the installation/site mission, environmental condition, land use, regional interface, transportation network, utility infrastructures, and to estimate its overall expansion capability. This document forms the foundation for the management and development of an excellent installation/site. It provides the framework for justifying the allocation of maintenance and repair resources. It serves to justify construction and development activities on the installation/site and is an important management tool to ensure efficient assignment, utilization, and disposal of real property assets.

**Existing Condition Maps** are updated, created, and/or converted from hard copy into a CADD/GIS format as required. Mapping developed for RPMP products include Regional Maps, Site Maps, Land Use Maps, and all appropriate utility overlays. Extensive field reconnaissance, aerial photography and review of as-built documents can be used to update all data.

**Tabulation of Existing and Required Facilities (TAB)** is developed for the RPMP to document existing facilities and compare them to the facilities required to support the needs of the installation/site. It incorporates the Real Property databases of existing facilities and facility needs based on either accepted standards or unique needs of the facility occupants.

**Range and Training Land Program (RTLTP), Range Development Plan** supports the RPMP by including an installation's training mission. This report is based on guidance from AR 210-21, Army Ranges and Training Land Program. It provides detailed analysis of historical usage of installation ranges and training areas and a projection for future use of these assets to support the training mission.

**Capital Investment Strategies (CIS)** are prepared for the commanders as their overall plan for using and investing in real property to support installation missions and the objectives of the RPMP. The CIS describes a general plan for satisfying installation real property and environmental stewardship requirements based on the TAB, installation supported population,

analyses of the condition and mission suitability of facilities, supporting infrastructure, and environmental aspects. In the development of the CIS, separate categories of facilities are analyzed for mission requirements, providing the basis for programming future projects.

**Short Range Component (SRC)** integrates the RPMP into the operational planning process. It supports planning strategies for force structure and training over the 6-year Program Objective Memorandum (POM) period. It implements the CIS by identifying specific projects for real property management and development. It reflects the commander's plans to allocate resources to facility construction, revitalization, major repair, and environmental undertakings. As part of this process DD form 1391's can be prepared based on findings in the CIS.

R&K Engineering has developed Comprehensive Master Plans for a large selection of DoD Installations. Recent project sites include: Fort Meade, MD; Defense Distribution Center, New Cumberland, PA; Fort Irwin, CA; Germersheim, GE; Naval Air Station Corpus Christi, TX; Patrick Air Force Base, FL; Letterkenny Army Depot, PA; 233rd BSB, Darmstadt, GE; Schofield Barracks, HI; Lackland Air Force Base, TX; Defense Distribution Center Yokosuka, JA; Fort Bliss, TX; Soldier Systems Center, Natick, MA; and Fort Sill, OK.

R&K offers a range of facility planning services which, when coupled with our in-house automation development expertise, gives us a unique capability to meet the needs of Installation managers of single buildings to large facility complexes. R&K Engineering provides a personal interface and dedicated staff utilizing in-depth analysis by leveraging Department of Defense (DoD) Legacy Systems.