

KANSAS ARMY AMMUNITION PLANT

PARSONS, KANSAS



PROFESSIONAL SERVICES

- Program Management
- Master Planning
- Environmental Oversight
- Infrastructure Design
- Zoning
- Utilities
- Parks and Open Space Planning
- Business Plan and Implementation Strategy

CLIENT

Great Plains Development Authority

Kansas Army Ammunition Plant (KSAAP) is a Department of Army Material Development and Readiness Command (DARCOM) installation located in Labette County, KS. The Army used the plant for the loading, assembling, and packing of munition items for the Department of Defense. Under the 2005 BRAC, KSAAP was closed and operations redistributed to McAlester, Iowa, and Crane Army Ammunition Plants.

The redevelopment of military installations like the KSAAP presents unique opportunities and challenges relative to infrastructure construction and funding. Successful conversion requires that the value of infrastructure assets be optimized by strategic investments rooted in life cycle engineering methods that stretch the use of existing facilities, while at the same time, rebuilding infrastructure in a just-in-time manner to minimize working capital requirements and preserve economic development flexibility.

Matrix contracted to provide Program Management for a \$53M Redevelopment Project for the plant. As part of the redevelopment, Matrix is providing master planning, updating the current land use plan, environmental oversight, infrastructure design, zoning, utilities, and parks/open space planning. Matrix is also responsible for developing and supporting an overall Business Plan and Implementation Strategy for the redevelopment of the KSAAP as well as an



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Infrastructure Cost Model, an Operations and Maintenance Model, and a Phasing Plan. The Matrix team provided site utility assessment and disposition reports, including existing water and sewer utilities; water supply, treatment storage, and distribution analysis; a waste water feasibility study, and a master drainage plan. The scope of work also includes an evaluation of existing telecommunications and electrical systems and capacity/system upgrade considerations and the evaluation of the existing substation in the event a major power generating activity is developed at the site.

The Matrix team's roadway engineers conducted a transportation feasibility study that includes existing roadway, railway, and bridge and small structure inventory.

