



Jackson County Detention Center Kansas City, Missouri



This project was developed to solve and improve a variety of deficiencies (intake & release, programs, and visiting) in the existing 520-bed Detention Center. Solutions include the addition of bed space to eliminate crowding. The design called for modifications to the existing high-rise structure and construction of a two-story addition, which will include jail support services on the ground floor and housing and program services on the upper floor.

Voorhis Associates, Inc. conducted an assessment of the current population to determine jail capacity and custody levels, developed a pre-architectural program and staffing study for the renovation and expansion of the Jackson County Detention Center. We also conducted design reviews for program compliance and operational efficiency.

Direct supervision of inmates is used in the addition, while intermittent supervision of inmates is used in the existing facility. By redesigning the security electronics at the existing building, a minimum number of additional staff was needed to manage the 190 beds in the addition.



Solid glass brick was used in lieu of standard security glazing in the addition, resulting in a savings of over \$250,000. Natural light for the dayrooms is borrowed from the indoor/outdoor exercise room's large glass-brick panel and slider windows.

Beds:
710

Project Cost:
\$27,201,575

Completion Date:
1999



The Jackson County Detention Center received recognition from the American Institute of Architects Committee in the 1999-2000 *Justice Facilities Review*.



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