



## PROJECT SUMMARY:

# Winnebago County Judicial Center

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**Customer:** Winnebago County  
**Contract Amount:** \$22,000,000  
**Location:** Rockford, IL

Mechanical takes pride in its plumbing and HVAC work for the new \$140 Million Winnebago County Judicial Center in Rockford, IL. The four story 600,000 square foot facility consolidated six downtown buildings into one allowing for a more efficient blend of law enforcement and corrections functions. The facility houses the new county jail and all requisite jail administration services, the county sheriff's office, four courtrooms, and offices for the State's Attorney, Public Defender, and court service departments. The jail portion of the project contains approximately 980 beds with an additional shelled-space area for future expansion to approximately 1,210 beds.

We completed the plumbing and site utilities work for the judicial center including ductile iron site exterior water, RCCP site exterior storm, cast iron site exterior sanitary, PVC sanitary waste and vent interior underground and above ground, and PVC storm interior underground and above ground. We also installed copper and galvanized interior domestic water, fixtures, equipment, specialties, and pipe insulation.

Our team did the HVAC work as well including both wet and dry heating and cooling systems, temperature and smoke controls, sheet metal, test and balance, insulation, and chemical treatment. The new HVAC system utilizes both steam and hot water systems along with forced air systems.

The concrete reinforced jail structure made floor sleeving and imbed anchoring prior to floor pours critical. As a result, coordination drawings needed to be expedited to stay ahead of floor pours. Also strict local and minority participant requirements created challenges to meet above the average goals.

Throughout the course of this project we executed over 74,000 man hours without accident or incident. This proves that the Helm Group's dedication to safety pays off!

The Winnebago County Judicial Center Project received Mechanical's 2007 Project of the Year Award. Congratulations to the project team for a job well done!

