



# Davenport Police Facility

## Davenport, IA

**Location:** 416 N. Harrison Street, Davenport

**Design:** Neumann Monson Architects

**Type of Construction:** New

**Construction Cost:** \$22,500,000

**Square Footage:** 97,260

**Cost per Square Foot**

**(including site work):** \$231

**Project Website:** <http://www.cityofdavenportiowa.com/>

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**Project Description:** In September 2007 the Davenport Police Department moved into its newly constructed, sustainably designed facility. After spending 29 years in an adjacent building that was overcrowded, uncomfortable and inefficient, the Department upgraded to a new headquarters that was designed and constructed with green practices in mind. The new headquarters contains 97,260 square feet on two levels and an occupied basement. The facility has more than three times as much space as the old building, and is connected to a two-level parking garage. LEED Gold certification is being pursued.

**Sustainable Features:**

Previously developed site located in downtown Davenport  
Located close to existing development and infrastructure, including multiple bus routes

Contaminated soils that were not known to exist prior to excavation were mitigated

Green roof with soil-less growing medium, reflective roof surfaces and reflective paving decrease heat island effect



Rain water is diverted to rain gardens and filtered back into the aquifer and storm water runoff is reduced by 61%

Vegetation does not require irrigation

Water usage is reduced by 25% through the use of low-flow sinks, showers and lavatories, as well as dual flush toilets and waterless urinals

Energy-efficient windows, equipped with exterior aluminum shades and interior shades

T-5 high-efficiency fluorescent lights that automatically switch off when a space is unoccupied

85-well geothermal heating and cooling system

Energy efficiency achieves an annual savings of \$86,870

Over 20% of the content of materials used was recycled, including piping, asphalt, fencing, concrete, masonry, steel, roofing, aluminum windows, and ceiling tile

Over 20% of the materials used were manufactured within 500 miles of the project, including asphalt, concrete, masonry, steel, doors, metal studs and windows

An indoor air quality plan was implemented during construction to prevent the imposition of pollutants by the construction process

Building was flushed out with outdoor air prior to occupancy

VOC-free paints, formaldehyde-free wood, and porcelain tile provide healthier indoor air

Air ducts sealed during construction

Photos: Farshid Assassi, Assassi Productions



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