



# North Ridge Park Pavilion

## Coralville, IA

**Location:** 2250 Holiday Road, Coralville

**Design:** Neumann Monson Architects

**Type of Construction:** New

**Construction Cost:** \$607,000

**Square Footage:** 3,013

**Cost per Square Foot:** \$201

**Project Contact:** Coralville Parks and Recreation  
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**Project Description:** Construction of the North Ridge Park Pavilion was completed in April 2003. The 3,000 square foot facility, located in newly developed North Ridge Park, is used to house the city's recreation programs and is also rented out as a meeting space and event venue. The pavilion's large windows make use of natural sunlight while providing a view of the park. Constructed of indigenous limestone, the pavilion provides a warm space for visitors of the park and serves as an educational tool and a model of sustainable design. For its sustainable design, the building won the 2003 Governor's Iowa Environmental Excellence Award.

**Sustainable Features:**

- Located near a transit route that serves three other communities
- Compact and efficient footprint preserves open space
- Building's orientation ensures that it receives ample natural sunlight, while the overhanging roof shields the inside from the harshest rays



- 89% of occupied spaces are daylit
- Pervious grass paving used in the parking lot helps recharge groundwater and reduce stormwater runoff
- Iowa's first green roof reduces heat island effect and helps manage stormwater runoff
- Interior lighting is controlled by occupancy sensors so that rooms are lit only when needed
- Forced air conditioning system with demand control ventilation, high efficiency heat pumps, and an energy recovery unit
- 82% of occupied spaces can be ventilated or cooled with windows alone
- Energy-efficient floor-to-ceiling Pella windows on three sides of the building
- Passive solar equipment makes use of solar energy
- Locally quarried limestone reduces energy expended during construction
- Reclaimed barn timbers used in main room
- Polished concrete flooring reduces indoor air quality issues and retains heat from sunlight
- Waste management plan was established during construction to separate waste and recyclable/reusable materials

Photos: Farshid Assassi, Assassi Productions

