

## **Prairie Crossing**

Grayslake, Illinois, USA



Size:

667 acres

Dates:

1986 - ongoing

**Project Team:** 

**Prairie Holdings Corporation** 

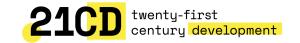
Photo from shaw-co.cor

Prairie Crossings is a residential development that aspires to conserve and protect the ecology of

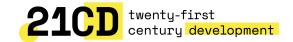
**the site.** Its intent is to enhance the environment, promote a healthy lifestyle, create a sense of place, build a sense of community, encourage economic and racial diversity, provide convenient and efficient transportation, conserve energy, foster lifelong learning and education, ensure attractive design and high quality construction, and ensure economic viability.

## **Goals & Strategies**

| <u>Q</u> Place   |   |
|------------------|---|
| Limits to Growth | Goals: Goals not defined.  Strategies: Strategies not reported.   |
| Food             | Goals: Goals not defined.  Strategies: 14-acre organic farm, plots can be leased. Farmers market.   |
| Habitat          | Goals: 70% of the development set aside for preservation.  Strategies: 22-acre lake. 160 acres of restored prairie, constructed wetlands, preserved wetlands. Native landscaping is promoted. |
| Transportation   | Goals: Goals not defined.  Strategies: Strategies not reported.   |

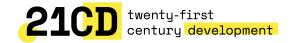


| <b>(</b> ) Water                |   |
|---------------------------------|---|
| Water                           | Goals: Utilize ecosystem services of stormwater filtration and retention.  Strategies: Rainwater infiltration, water efficient appliances, wetland restoration to filter stormwater.  Stormwater management plan and case study.  |
| 4 Energy                        |   |
| Energy                          | Goals: Houses constructed to use 50% less energy.  Strategies: Energy Star standard for energy efficient construction for condo buildings. LEED ND certification. Single-family homes built to Building America Program standards. Energy-efficient appliances. School has geothermal heating. R-43 insulation in all ceilings. |
| 台 Health + Happin               | ness (Details not provided by researchers)  |
| <b>⊗</b> Materials              |   |
| Material Plan                   | Goals: Goals not defined. Strategies: Strategies not reported.  |
| Embodied Energy<br>& Carbon     | Goals: High-quality construction.  Strategies: Double air-barrier construction. Use of recycled wood products, nontoxic glues, double-glazed windows with argon cavity.   |
| Waste                           | Goals: Goals not defined.  Strategies: Reduction of construction waste by 20%.  |
| 吕 Equity                        |   |
| Neighborhood &<br>Access        | Goals: Goals not defined.  Strategies: Public access to streets. Human-scale design.  |
| Access to Nature                | Goals: Goals not defined.  Strategies: Resident participation in organic farm.  |
| Access to Community<br>Services | Goals: Goals not defined.  Strategies: Town center, commuter train station, schools, community services. Conservation eduction.   |
| Investment                      | Goals: Goals not defined.  Strategies: Percentage of housing sales donated to Liberty Prairie Reserve.  |

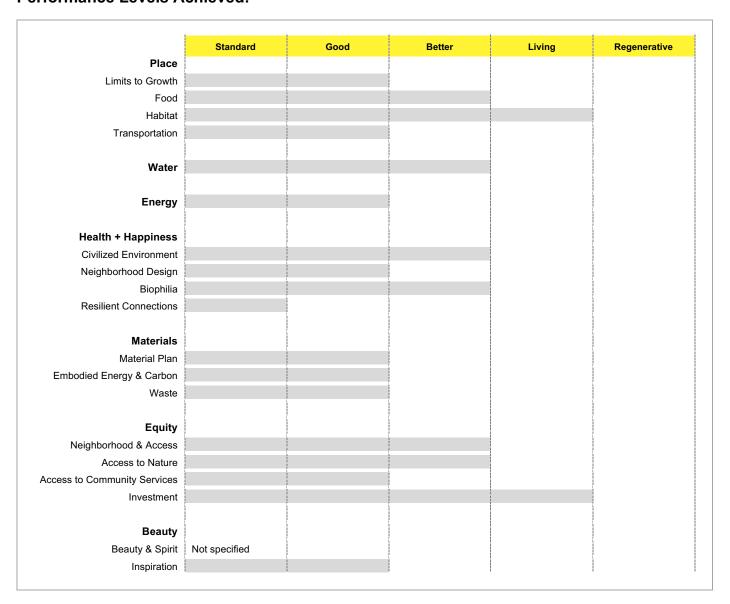


| Beauty          |  |
|-----------------|--|
| Beauty & Spirit | Goals: Goals not defined.  Strategies: Art installations.      |
| Inspiration     | Goals: Goals not defined. Strategies: Strategies not reported. |

<sup>&</sup>gt; See next page for Performance Levels achieved



## **Performance Levels Achieved:**



## Sources:

http://prairiecrossing.com/

https://www.terrain.org/unsprawl/9/

\*Note: This case study was developed using found information.

**21st Century Development** is a model for the creation of regenerative communities that strives to provide a healthy environment for all people and living systems now and in a dynamic future.

The initiative is created and supported by a partnership of AIA Minnesota, the Center for Sustainable Building Research, Colloqate Design and The McKnight Foundation.







