## PRAIRIE CROSSING | Grayslake, Illinois

<table>
<thead>
<tr>
<th>Category</th>
<th>GOALS</th>
<th>STRATEGIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Sit-Place</td>
<td>(Food) Not defined ; (Habitat+Biodiversity) 70% of the development set aside for preservation ; (Transport) Not defined</td>
<td>(Food) 14 acre organic farm, plots can be leased, farmers market ; (Habitat+Biodiversity) 22 acre lake, 160 acres of restored prairie, constructed wetlands, preserved wetlands, native landscaping is promoted ; (Transport) 22 acre lake, 160 acres of restored prairie, constructed wetlands, preserved wetlands, native landscaping is promoted</td>
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<tr>
<td>W Water</td>
<td>Utilize ecosystem services of stormwater filtration and retention</td>
<td>Rainwater infiltration, water efficient appliances, wetland restoration to filter storm water, stormwater management plan and case study</td>
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<tr>
<td>E Energy</td>
<td>Houses constructed to use 50% less energy</td>
<td>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</td>
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<tr>
<td>E Equity</td>
<td>Percentage of affordable units: Not defined</td>
<td>Public access to streets, human scale design, town center, commuter train station, schools, community services, resident participation in organic farm, conservation education, percentage of housing sales donated to Liberty Prairie Reserve, art installations</td>
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<tr>
<td>M Materials</td>
<td>(Materials) High quality construction ; (Waste) Not defined</td>
<td>(Materials) Double air-barrier construction, use of recycled wood products, non-toxic glues, double glazed windows with argon cavity, reduction of construction waste by 20% ; (Waste) Not reported</td>
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</tbody>
</table>

Size: 667 acres  
Dates: 1986-ongoing  
Team: Prairie Holdings Corporation  
Description: Prairie Crossings is a residential development that aspires to conserve and protect the ecology of the site  
Intent: 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, ensure economic viability
# SUSTAINABILITY MATRIX

<table>
<thead>
<tr>
<th>Limits to growth</th>
<th>Standard</th>
<th>Good</th>
<th>Better</th>
<th>Living Community</th>
<th>Regenerative</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Developed for density/limits growth, contains open space</td>
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</tbody>
</table>

- **Site+Place**
  - Urban Ag
  - Habitat Exchange
  - Human Powered Living

- **Water**
  - Net Positive Water
  - Net Positive Energy

- **Energy**
  - Civilized Environment
  - Healthy Neighborhood Design
  - Biophilic Environment
  - Resilient Community Connections

- **Health+Happiness**
  - Living Material Plan
  - Embodied Carbon Footprint
  - Net Positive Waste
  - Human Scale and Humane Places

- **Equity**
  - Universal Access to Nature and Place
  - Universal Access to Community Services
  - Equitable Investment

- **Beauty**
  - Beauty and Spirit
  - Inspiration and Education

**Sources:**

- [prairiecrosing.com](http://prairiecrosing.com)
- [www.terrain.org/unsprawl/9/](http://www.terrain.org/unsprawl/9/)