### Design and Planning Projects

<table>
<thead>
<tr>
<th>Project</th>
<th>Outcome</th>
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<tbody>
<tr>
<td><strong>Laura Street Analysis</strong></td>
<td>Identified negative and positive characteristics and development trends to determine specific design standards aimed at changing trends.</td>
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<tr>
<td><strong>Bicycle Accessibility and Connectivity Plan</strong></td>
<td>Analyzed the city's current on-street and off-street bike system and recommended solutions to address dead ends and gaps in order to complete the overall system.</td>
</tr>
<tr>
<td><strong>Jasper Natron School Design Studio</strong></td>
<td>Analyzed school district site, surrounding neighborhood and wetlands, and service and transportation infrastructure; developed potential site layout and designs for a K-8 school.</td>
</tr>
<tr>
<td><strong>Booth Kelly Mixed-Use Architecture Design Studio</strong></td>
<td>Explored redevelopment scenarios for former mill site with large (rented) industrial buildings to create a pedestrian-friendly destination.</td>
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<tr>
<td><strong>Booth Kelly Mixed-Use Eco-District Landscape Architecture Design Studio</strong></td>
<td>Landscape architecture students developed design proposals and recommendations for spatial organization of the Booth-Kelly site utilizing precedent studies of eco-communities around the globe.</td>
</tr>
<tr>
<td><strong>Library Design and Outreach</strong></td>
<td>Examined process to develop, finance, and construct a LEED Silver Certified public library that included private business space; designed a strategic public relations plan for the proposed library.</td>
</tr>
<tr>
<td><strong>Waremart Redevelopment Conceptual Plan</strong></td>
<td>Proposed urban design and site development for a long vacant property to serve as a catalyst for redevelopment of adjacent sites.</td>
</tr>
<tr>
<td><strong>Citywide Wayfinding</strong></td>
<td>Analyzed Springfield’s existing wayfinding system and provided recommendations for locating new signage; provided recommendations for a city-wide wayfinding system with consistent look and feel.</td>
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<tr>
<td><strong>Stormwater Demonstration Areas</strong></td>
<td>Designed welcoming and attractive demonstration sites for natural areas, parks, schools, and private property featuring innovative stormwater treatment practices and interpretive kiosks with “take home” ideas.</td>
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<tr>
<td><strong>Nicolai Site Redevelopment (2012-13)</strong></td>
<td>Evaluated redevelopment scenarios for the Nicolai Door Plant, a large industrial site in downtown Springfield.</td>
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<tr>
<td><strong>Connecting Bikes to Transit (2012-13)</strong></td>
<td>Examined ways that Lane Transit District could expand its service areas by linking transit to customers arriving by bike and on foot.</td>
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### Business and Economic Development Projects

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<tr>
<td>Sustainability Metrics &amp; Greenhouse Gas Inventor</td>
<td>Compiled a greenhouse gas emissions inventory of city’s direct (fuel consumed by city vehicles, generators) and indirect emissions (electricity generation, business-related travel, solid waste, etc.) with an action plan to reduce emissions.</td>
</tr>
<tr>
<td>LEED Incentive Analysis</td>
<td>Conducted cost/benefit analyses of possible new development requirement to incentivize LEED certification.</td>
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<tr>
<td>Market Feasibility of Density</td>
<td>Conducted economic analyses of residential density requirements and their impacts on cost effectiveness of development; recommended strategies to incentivize higher densities including market feasibility of density bonus.</td>
</tr>
<tr>
<td>Dorris Ranch Business Plan</td>
<td>Recommended programs and events to improve awareness and usage of 258-acre hazelnut farm as a historic, cultural, and recreational asset and suggested ways to improve the income/self sufficiency of the property.</td>
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<tr>
<td>Economic Analysis of Local Street Improvements</td>
<td>Conducted a cost-benefit analysis to assess the value of improving street conditions utilizing residential property assessments as a source of funding.</td>
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<tr>
<td>Promise Neighborhoods</td>
<td>Surveyed demographics and programmatic gaps in developing a continuum of “cradle through college and career” solutions to improve educational and developmental outcomes for children in Springfield’s Brattain area.</td>
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### Journalism, Geography, and Arts Projects

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<tr>
<td>Adopt-A-Waterway Program Public Relations Plan</td>
<td>Developed public relations material explaining waterway adoption, cleaning waterways, planting native plants and shade trees, and other steps to improve waterway quality.</td>
</tr>
<tr>
<td>Spatial Analysis of Lane Transit District (2012-13)</td>
<td>Analyzed existing ridership, socioeconomic and environmental issues, existing and potential land uses, zoning, walkability, and traffic to determine potential alternative scenarios for the development of a new bus line.</td>
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<tr>
<td>West 11th Expansion Public Relations (2012-13)</td>
<td>Evaluated means to communicate the benefits and opportunities of expanded transit along West 11th Avenue to the public.</td>
</tr>
<tr>
<td>Cultural Fieldwork in Downtown Springfield (2012-13)</td>
<td>Gathered information such as historic photographs and oral histories to support a new service designed for visitors to access on handheld devices.</td>
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<tr>
<td>Wayfinding Signage (2012-13)</td>
<td>Digital arts students developed wayfinding signage and designated locations to better direct visitors and residents to area resources, public amenities and services, shopping, and open spaces.</td>
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