Salix Plan Presentation
School of Urban and Regional Planning

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This project was supported by the Iowa Initiative for Sustainable Communities (IISC), a program of the Provost’s Office of Outreach and Engagement at the University of Iowa that partners with rural and urban communities across the state to develop projects that university students and faculty complete through research and coursework. Through supporting these projects, the IISC pursues a dual mission of enhancing quality of life in Iowa while transforming teaching and learning at the University of Iowa.

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Comprehensive Plan

Presented By: Neil Menjares & Beth Rumpza
With: Yingyang Lai & Jason Shallcross
The Process

Phase 1: Research → Phase 2: Identify Alternatives → Phase 3: Recommend
Vision of the Plan

Using small town Iowa values to create a family oriented, business friendly, and sustainable community for future generations

Salix’s Identity

A Modern Rural Community
Guiding Principles

Preserve the Rural Landscape

Strengthen Existing Places

Create Celebrated Spaces
Goals

1. Aesthetically appealing
2. Fiscally Viable
3. Family Oriented
4. Social, Recreational, & Cultural Opportunities
5. Strong Residential and Business Community
6. Smart Growth & Preservation
Project Prioritization

- Goal Achievement
- Benefit Maximization
- Complexity
- Funding Availability
- Implementation
## The Projects

<table>
<thead>
<tr>
<th>Priority</th>
<th>Project</th>
<th>Economy</th>
<th>Equity</th>
<th>Environment</th>
</tr>
</thead>
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<tr>
<td>4</td>
<td>Capital Improvements Plan</td>
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<td>X</td>
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<tr>
<td></td>
<td>Stormwater Project</td>
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<td></td>
<td>Community Development Corp.</td>
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<td>Annexation Policy</td>
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<td>Green Buffer Policy</td>
<td></td>
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<td>X</td>
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<tr>
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<td>Floodplain Policy</td>
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<td>X</td>
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<td></td>
<td>Evacuation Plan</td>
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</tr>
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<td>3</td>
<td>Bicycle Infrastructure Project</td>
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<td>X</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>Sidewalk Project</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>Street Development Project</td>
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<td>X</td>
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<td>Zoning Code &amp; Map Update</td>
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<td>Hire a Code Enforcer</td>
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<td>SIMPCO Membership</td>
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<td>Tree Species &amp; Biodiversity Policy</td>
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<td></td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>Entrance Beautification Program</td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Water Quality</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
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<td>1</td>
<td>Salix Park Enhancement</td>
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<td></td>
<td>X</td>
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<tr>
<td></td>
<td>Green Building Features</td>
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<td>X</td>
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<tr>
<td></td>
<td>Lending Library</td>
<td>X</td>
<td></td>
<td>X</td>
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</table>
Project Start Timeline

Priority 1
- Salix Park Enhancement
- Green Building Features
- Lending Library

Priority 2
- Tree Species & Biodiversity Policy
- Entrance Beautification Program
- Water Quality

Priority 3
- Bicycle Infrastructure Project
- Sidewalk Project
- Street Development Project
- Zoning Code & Map Update
- Hire a Code Enforcer
- SIMPCO Membership

Priority 4
- Capital Improvements Plan
- Stormwater Project
- Community Development Corp.
- Annexation Policy
- Green Buffer Policy
- Floodplain Policy
- Evacuation Plan
Salix benefits from not only having a Comprehensive Plan, but also having an Action Plan in the form of a Project Menu.

The Project Menu provides the “recipe” on how each project proposal can be implemented.

**Components**
- Description
- Priority Level
- Map or Rendering
- Implementation Strategy
- Funding Sources
- Additional Resources
Stormwater Project

Description
Flooding has been a recurring problem in Salix, especially during severe storms. This project aims to attain the goals of Supporting the Rural Landscape and Helping Existing Places Thrive by managing stormwater. This project is based on the conceptual plan developed by V&K Engineering (refer to map below). This project sheet calls for planting wetland and prairie plants around the proposed retention ponds.

Map

Priority Scale

Implementation Strategy
- Coordinate with the Iowa DOT and Woodbury County on having the drainage line run across I-29 & unincorporated areas
- Plant wetland and prairie plants around retention ponds to help stabilize the pond shoreline from erosion
- Pond shoreline should be gradual, at 5 feet horizontal and 1 foot vertical
- For wetland plants, provide an underwater ledge about 6-12 inches below the normal water level of the pond
- Provide a sediment forebay at the inlets of retention ponds to prevent sediments from accumulating at the bottom of the pond

Funding
- Waste and Water Disposal Loan and Grant Program of the US Department of Agriculture Rural Development
- In 2015, the program had provided up to $1.29 million in loans for water-related projects in Iowa
- The application portal can be found on this website: http://www.rd.usda.gov/programs-services/water-waste-disposal-loan-grant-program/ia
- Preliminary Project Cost: $1,700,000
- Detailed engineering study is on-going. Follow-up with V&K on estimate based on the detailed study
# Goal Achievement Matrix

<table>
<thead>
<tr>
<th>Guiding Principle</th>
<th>Description</th>
<th>Stormwater Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preserve the Rural Landscape</td>
<td>The rural landscape, including parks and open spaces, is protected from flood damage if a properly stormwater system is in place.</td>
<td>X</td>
</tr>
<tr>
<td>Strengthen Existing Places</td>
<td>The stormwater project will protect existing development from the damages and inconveniences of flooding during storms. In the long run, the city will be spared of having to spend for pumping accumulated stormwater out of the city.</td>
<td>X</td>
</tr>
<tr>
<td>Create Celebrated Spaces</td>
<td>The community will be better able to interact and work towards furthering community aspirations if it no longer is forced to deal with flooded basements and standing stormwater in the city. Urban flooding will be a thing of the past.</td>
<td>X</td>
</tr>
</tbody>
</table>
Evaluation Framework

• For each project, the Salix Comprehensive Planning Team identified project management activities and performance indicator/s as basis for evaluation framework.

• Every five years, the community should evaluate the plan and the progress they have made on identified priority projects.
<table>
<thead>
<tr>
<th>Stormwater Evaluation</th>
</tr>
</thead>
</table>

**Evaluation Framework**

<table>
<thead>
<tr>
<th>Project Information</th>
<th>Achievement Level</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Name</strong></td>
<td><strong>Project Management</strong></td>
<td><strong>Content Description</strong></td>
</tr>
<tr>
<td>Stormwater Project</td>
<td>Finish detailed contract documents</td>
<td>Contract documents include construction drawings, cost estimates, specifications, and building permits. These form part of the requirements for any application for loans and/or grants. The city can contract this to V&amp;K Engineering.</td>
</tr>
<tr>
<td></td>
<td>Finish application for grant and/or loan to the Iowa Department of Agriculture Rural Development Water and Waste Water Loan and Grant Program</td>
<td>The application is filed online through the Department of Agriculture Rural Development Website. The city can also contact the Area 8 Director for more information. Please see Project Menu for contact details.</td>
</tr>
<tr>
<td></td>
<td>Establish easements along the stormwater line</td>
<td>The proposed stormwater line will run through various parcels, including across I-29 and private parcels. Easements will have to be established on these parcels and coordination with Woodbury County, Iowa Department of Transportation, and Individual Landowners is required.</td>
</tr>
<tr>
<td></td>
<td>Commence construction of the project</td>
<td>Once easements are established and the loan and/or grant is awarded, construction of the project should commence.</td>
</tr>
<tr>
<td>Performance Indicator</td>
<td>Little to no flash flooding in Salix during severe storm events by the year 2020</td>
<td>A successful project will result in little to no flash flooding occurring as a result of a storm event.</td>
</tr>
</tbody>
</table>
Final Remarks

Small Town, Big Issues

Vision and Identity

Engagement is Empowerment

Accessibility