

Salix Plan Presentation

School of Urban and Regional Planning



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SALIX 20 35

Comprehensive Plan

Presented By: Neil Menjares & Beth Rumpza

With: Yingyang Lai & Jason Shallcross



The Process



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

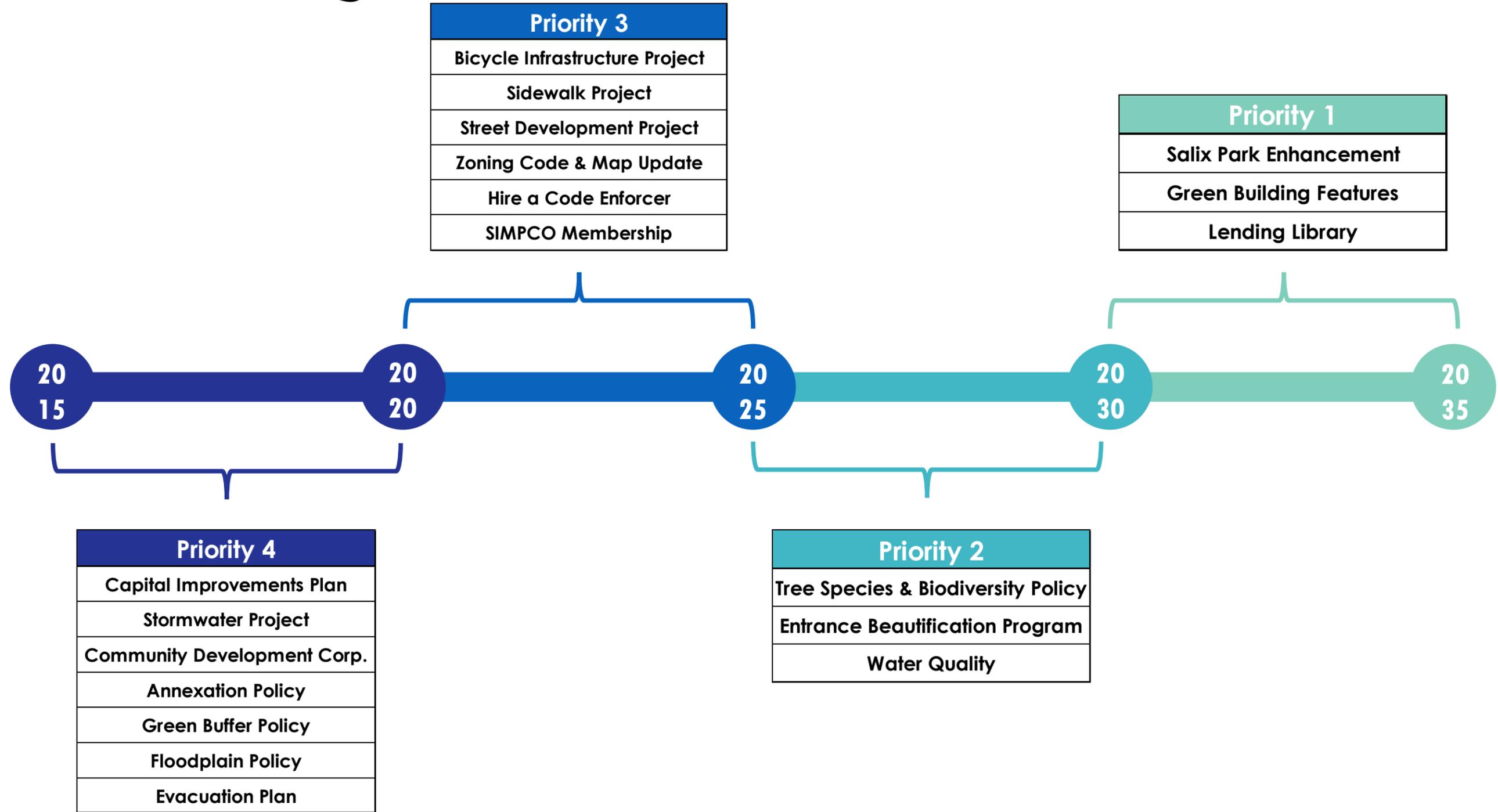
Funding
Availability

Implementation

The Projects

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

Project Start Timeline



Project Menu

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

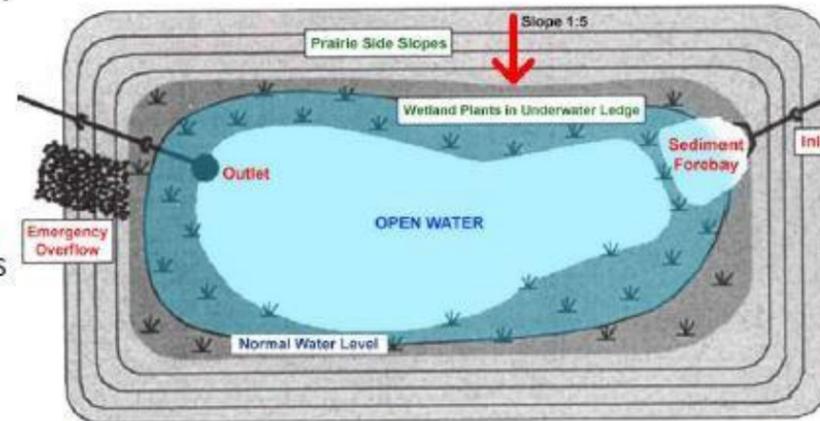


Priority Scale

4

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



Top view of a Retention Pond with plants. Source: IL EPA

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

Stormwater Project							
Guiding Principle	Description	Aesthetically appealing	Fiscally Viable	Family Oriented	Social, Recreational, and Cultural Opportunities	Strong Residential and Business Community	Smart Growth and Preservation
Preserve the Rural Landscape	The rural landscape, including parks and open spaces, is protected from flood damage if a property stormwater system is in place.	X		X		X	X
Strengthen Existing Places	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.	X	X	X		X	X
Create Celebrated Spaces	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.	X		X		X	X

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.

Stormwater Evaluation

Evaluation Framework							
Project Information				Achievement Level		Notes	
Project Name	Project Management	Content Description	None	Low	Med.		
Stormwater Project	Finish detailed contract documents	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&K Engineering.					
	Finish application for grant and/or loan to the Iowa Department of Agriculture Rural Development Water and Waste Water Loan and Grant Program	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.					
	Establish easements along the stormwater line	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.					
	Commence construction of the project	Once easements are established and the loan and/or grant is awarded, construction of the project should commence.					
Performance Indicator	Little to no flash flooding in Salix during severe storm events by the year 2020	A successful project will result in little to no flash flooding occurring as a result of a storm event.					

Final Remarks

Small Town, Big Issues

Vision and Identity

Engagement is
Empowerment

Accessibility

