

Southeast County Park

Park Master Plan

August 19, 2019



Beech Bluff County Park

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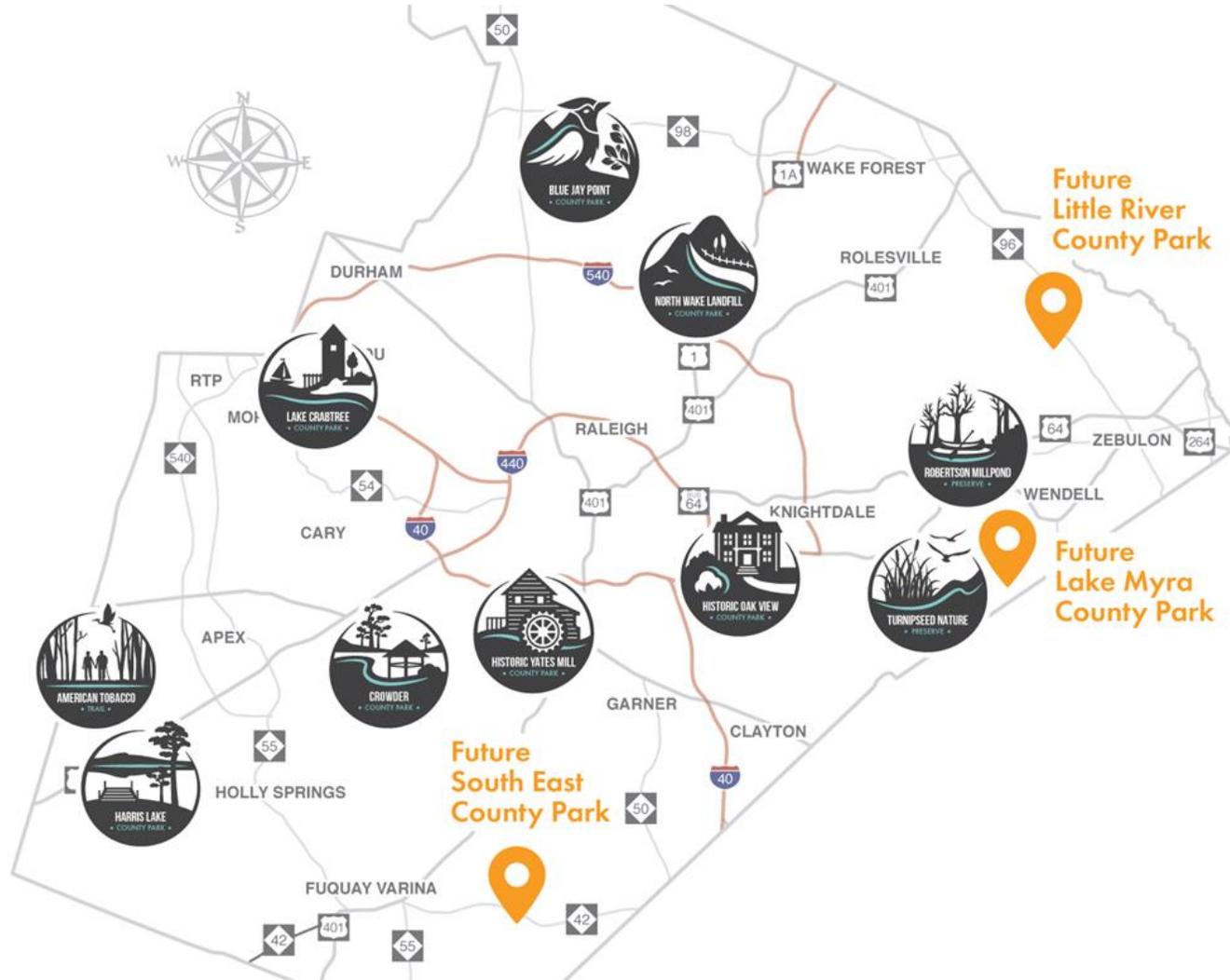
Agenda

- Sharing PROS Background
- Defining Project Process
- Reviewing Existing Site
- Conducting Site Analysis
- Gathering Community Input
- Presenting Draft Master Plan
- Next Steps and Board Action



Sharing PROS Background

Sharing PROS Background



- 1976 – became a Division within Wake County Government
- 1988 – Opened our first “County” Park – Lake Crabtree
- Eight parks and two Nature Preserves
- In FY18:
 - 1.3 million visitors
 - 2600+ programs

Why Parks, Greenways and Open Space?

Physical Health



Mental Health



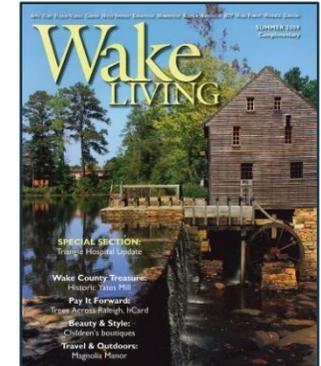
Youth Development



Cultural



Economic



Sharing PROS Background

Open Space



Environmental & Cultural Education

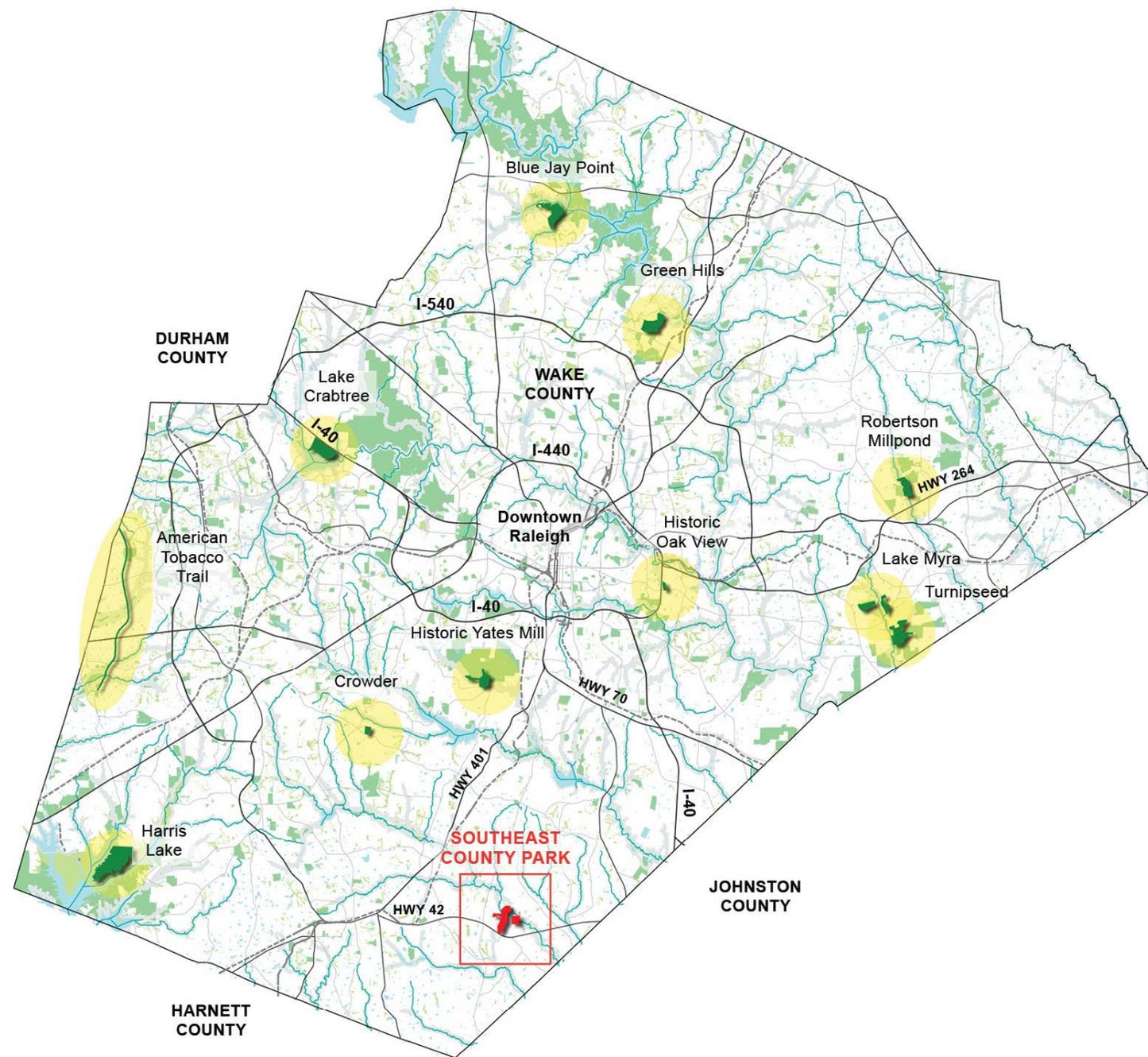


Recreation & Leisure



Need for a Park

- 2003 Wake County Parks and Recreation Master Plan
- Absence of a park in Southeast Wake County
- Highway 540 expansion
- Population growth
- Ecological significance



Board Goals and Actions

- Growth and Sustainability Objective GS1:
 - “Implement a comprehensive approach for preserving open space and developing parks and greenways to address gaps, leverage opportunities and resources, and enhance collaboration with municipal partners. Set priorities and implement strategies for the use of new bond funds for parks, open space and greenways. “
- BOC Vote at 1/7/19 Meeting
 - “Establish that the development of the Southeast County Park shall be the first priority of the 2018 Parks, Greenways, Recreation and Open Space Bond.”





Defining Project Process

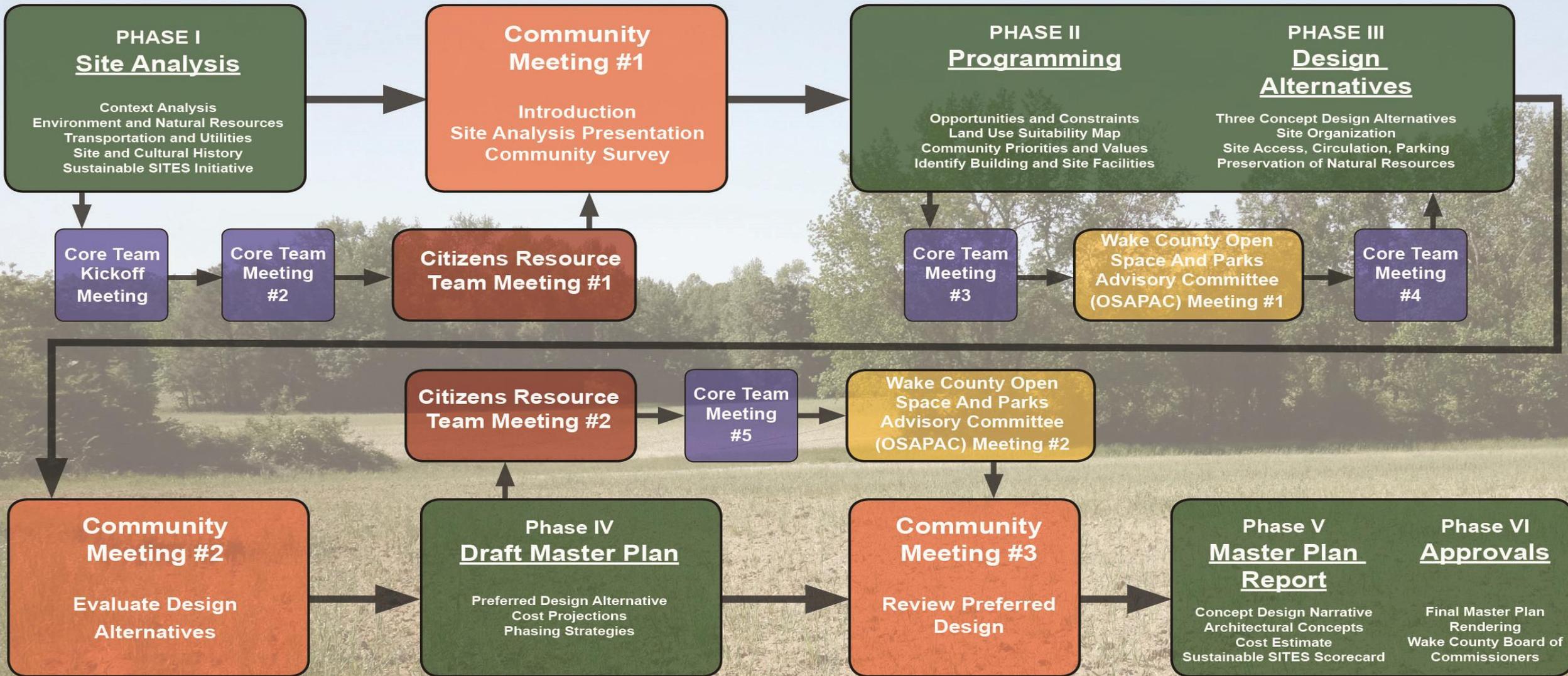
Project Team



Surface



Master Plan Process



Consulting Stakeholders - Programming

Environment

OSAPAC
NC Natural Heritage Program
Wake Nature
NC Wildlife Resource
Commission
Triangle Land Conservancy
Wake Audubon
Wake County Env. Services
Wake Cooperative Extension
 Water Quality/Soil and Water
 Urban Agriculture

Activities

Wake County Public Schools
YMCA
4H Youth
REI
Raleigh United Arts Council
Town of Garner
Town of Fuquay Varina

Community

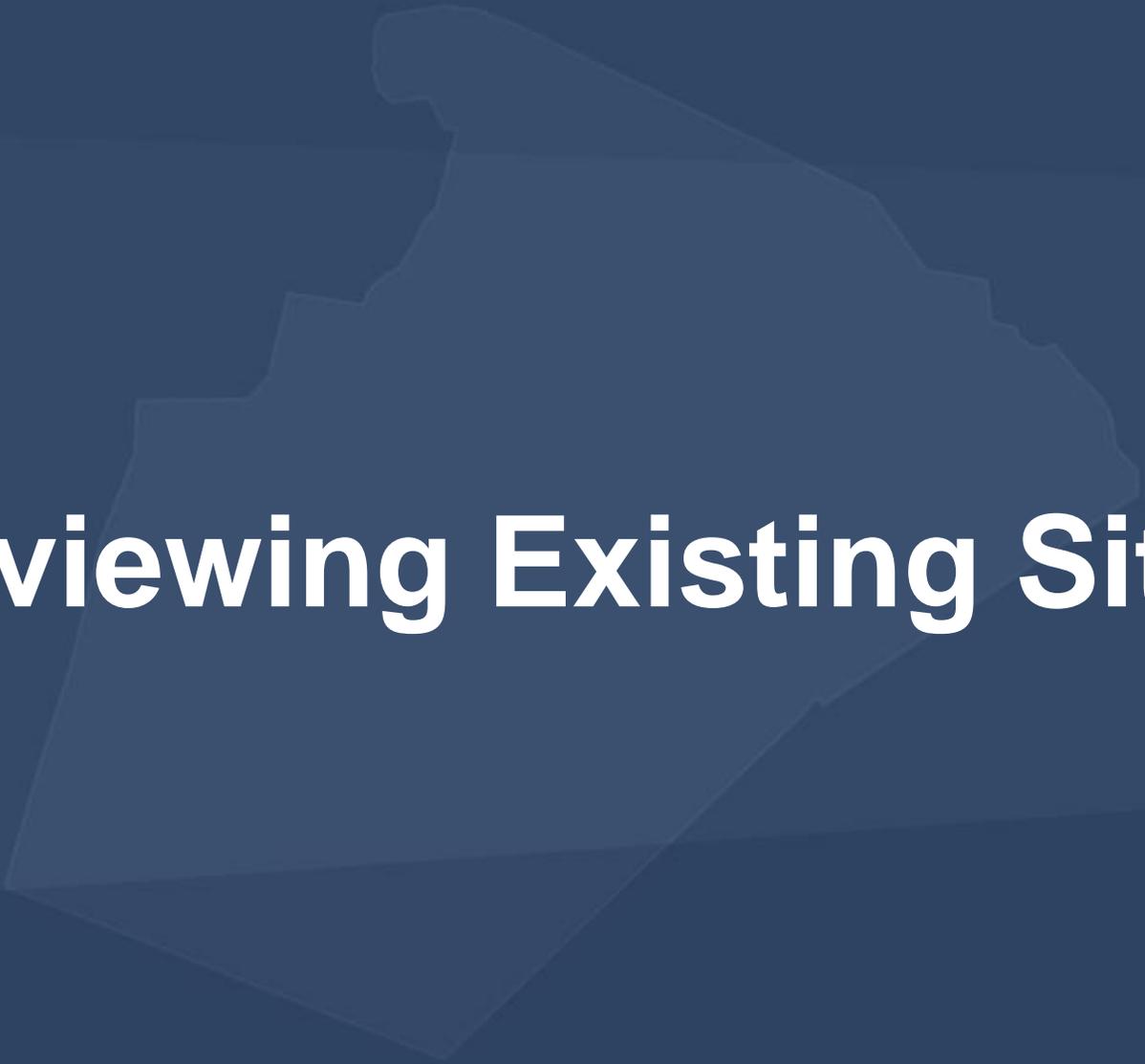
Citizen Resource Team
Oak Hollow Estates Community
Willow Chase Community
Legacy at Forty Two Community
Blalock Forest Community
Human Services Southern
Regional Center
Senior Centers / Senior Programs
Wake County Community

Creating the Mission Statement

***Beech Bluff County Park* aims to provide a universally inclusive recreational amenity to the residents of Wake County and all visitors focusing on the following core principles:**

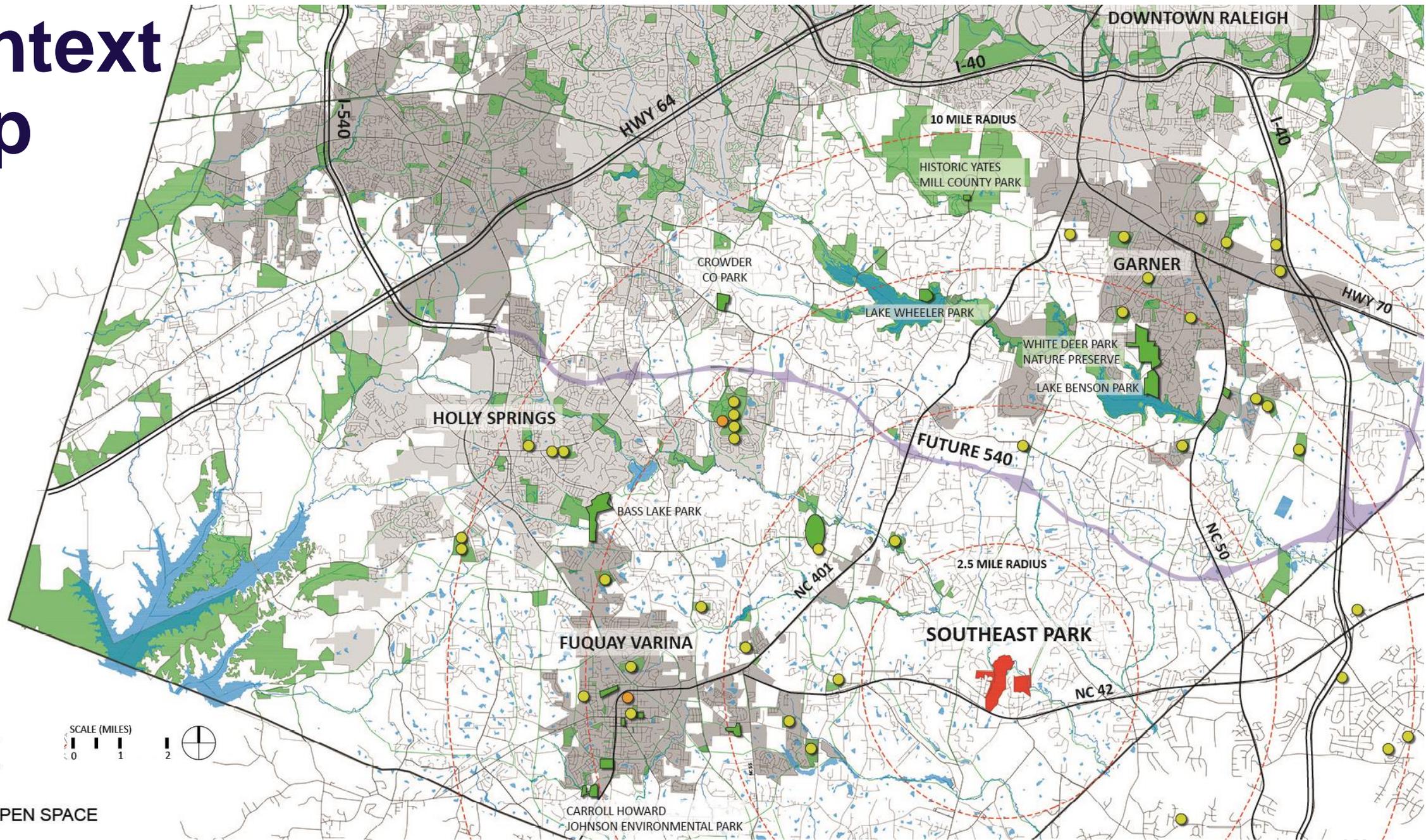
- Protect, Restore and Enhance **Ecological Diversity**
- Elevate **Historical and Cultural Significance**
- Promote **Human Health and Wellness**

The park is to be a model of **Resiliency and Stewardship**



Reviewing Existing Site

Context Map

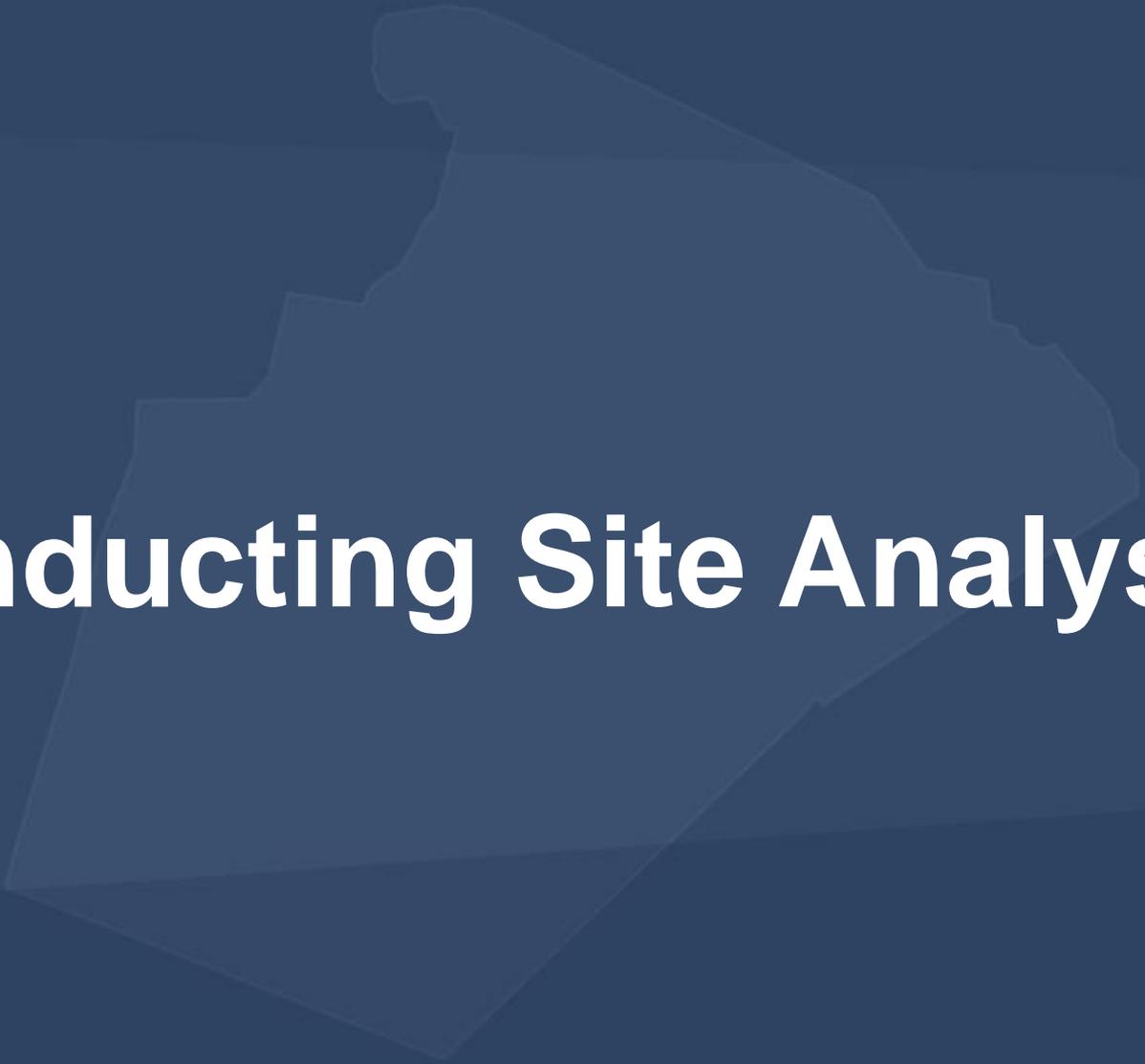


Reviewing Existing Site

- 300 Acres
- Separate Parcels
- Middle Creek
- Surrounding Context

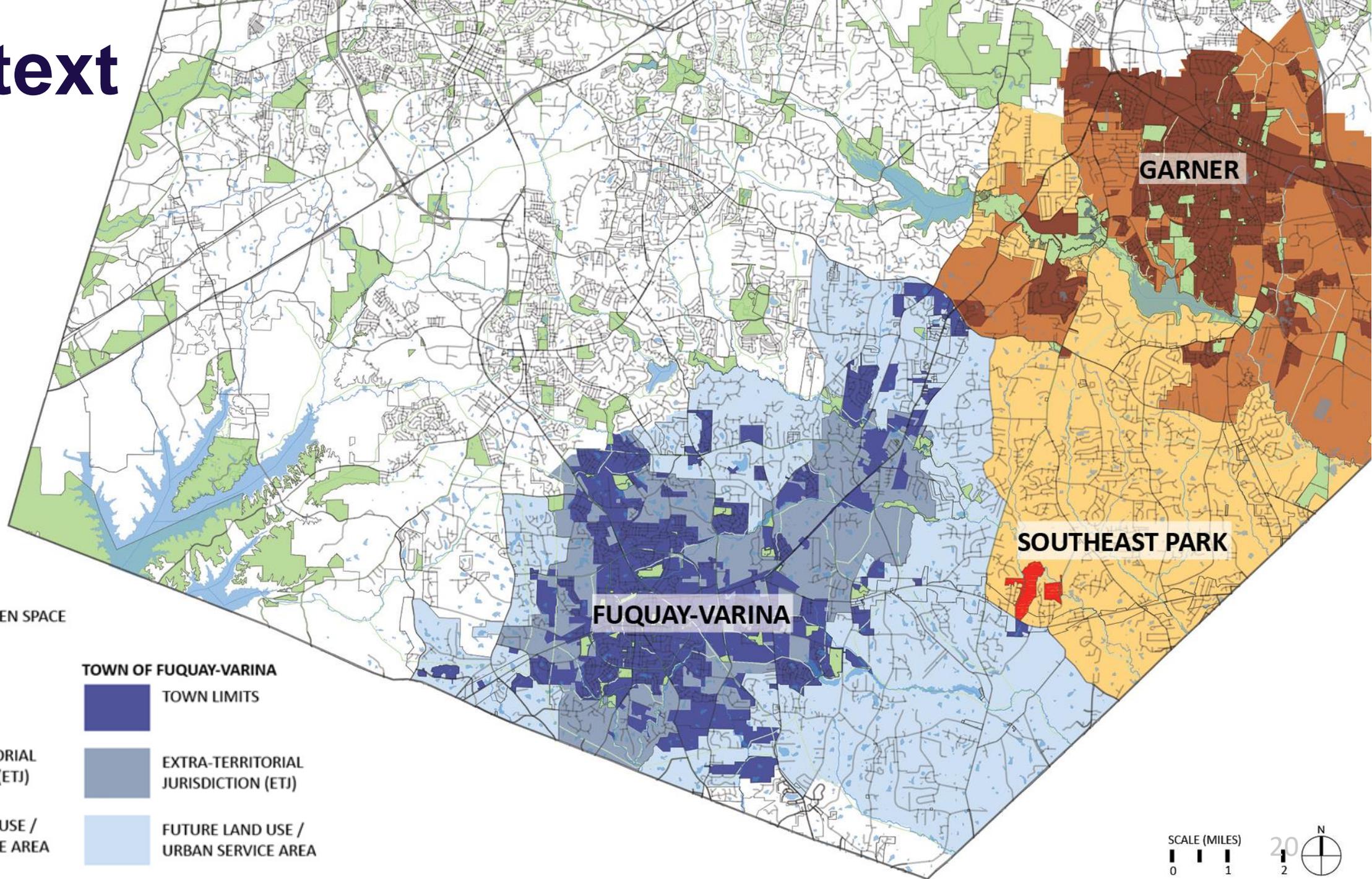






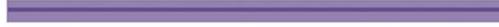
Conducting Site Analysis

Context

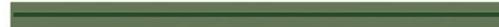


Transportation

FUTURE HWY 540



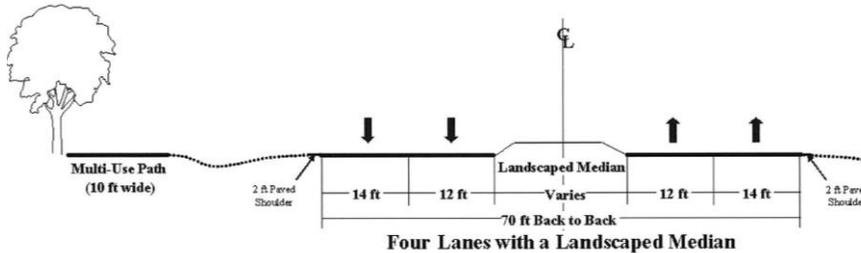
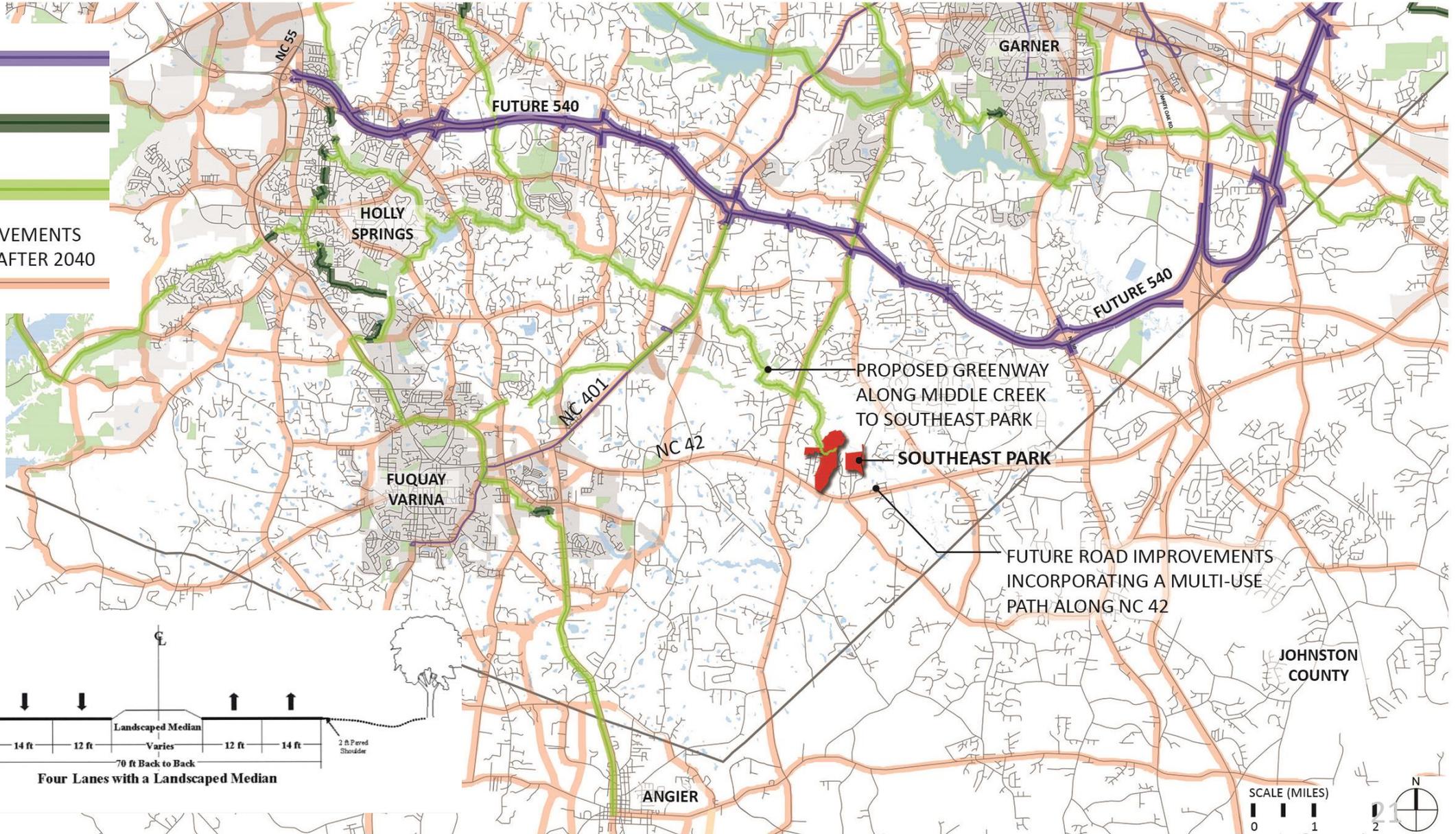
EXISTING GREENWAY



FUTURE GREENWAY



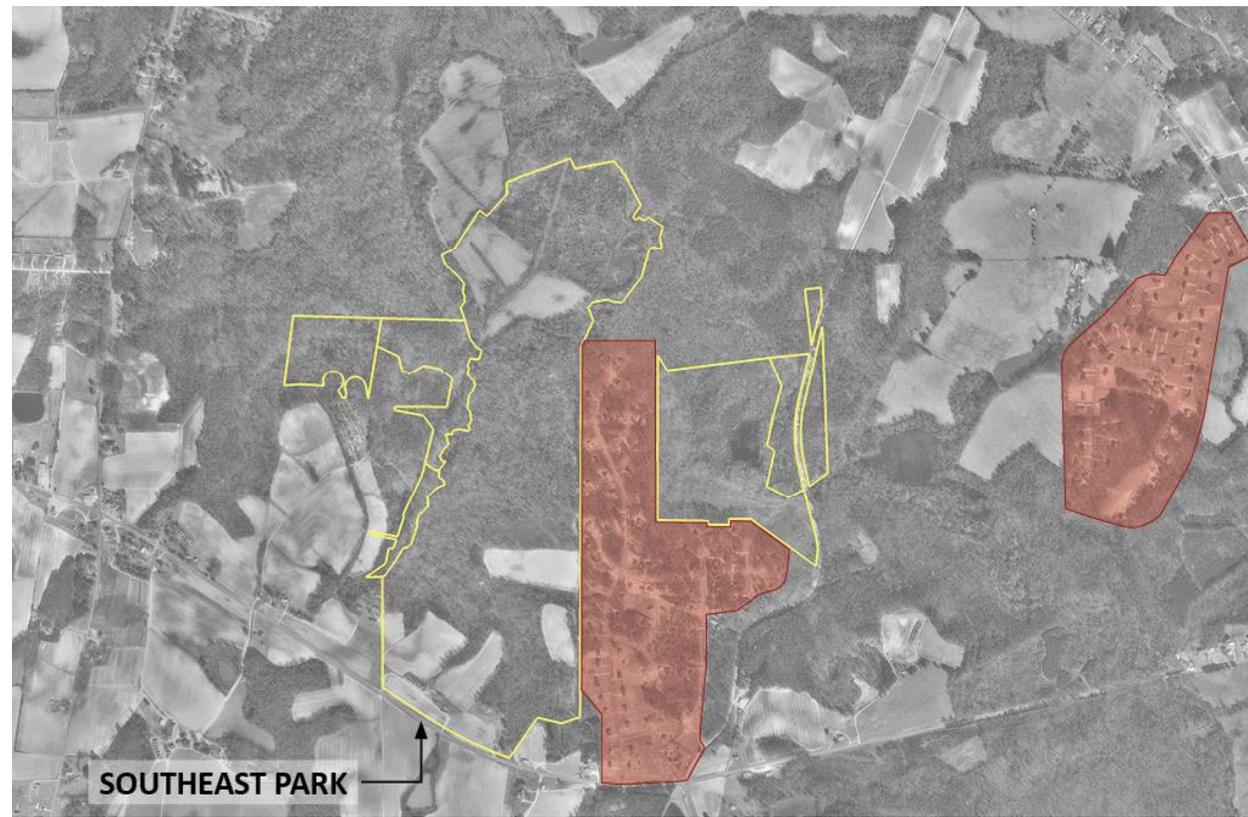
FUTURE ROADWAY IMPROVEMENTS
PROJECTED COMPLETION AFTER 2040



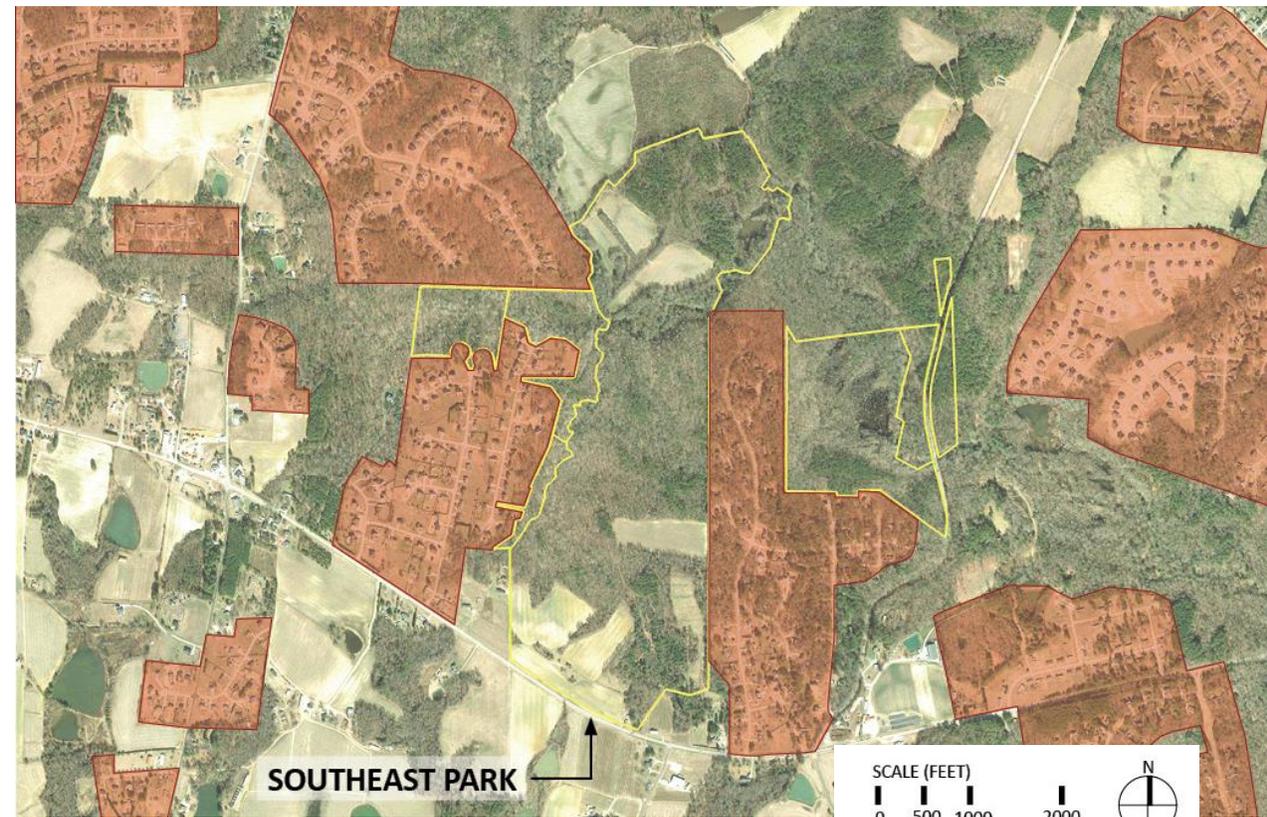
SCALE (MILES)



Historical Growth



1994



2018



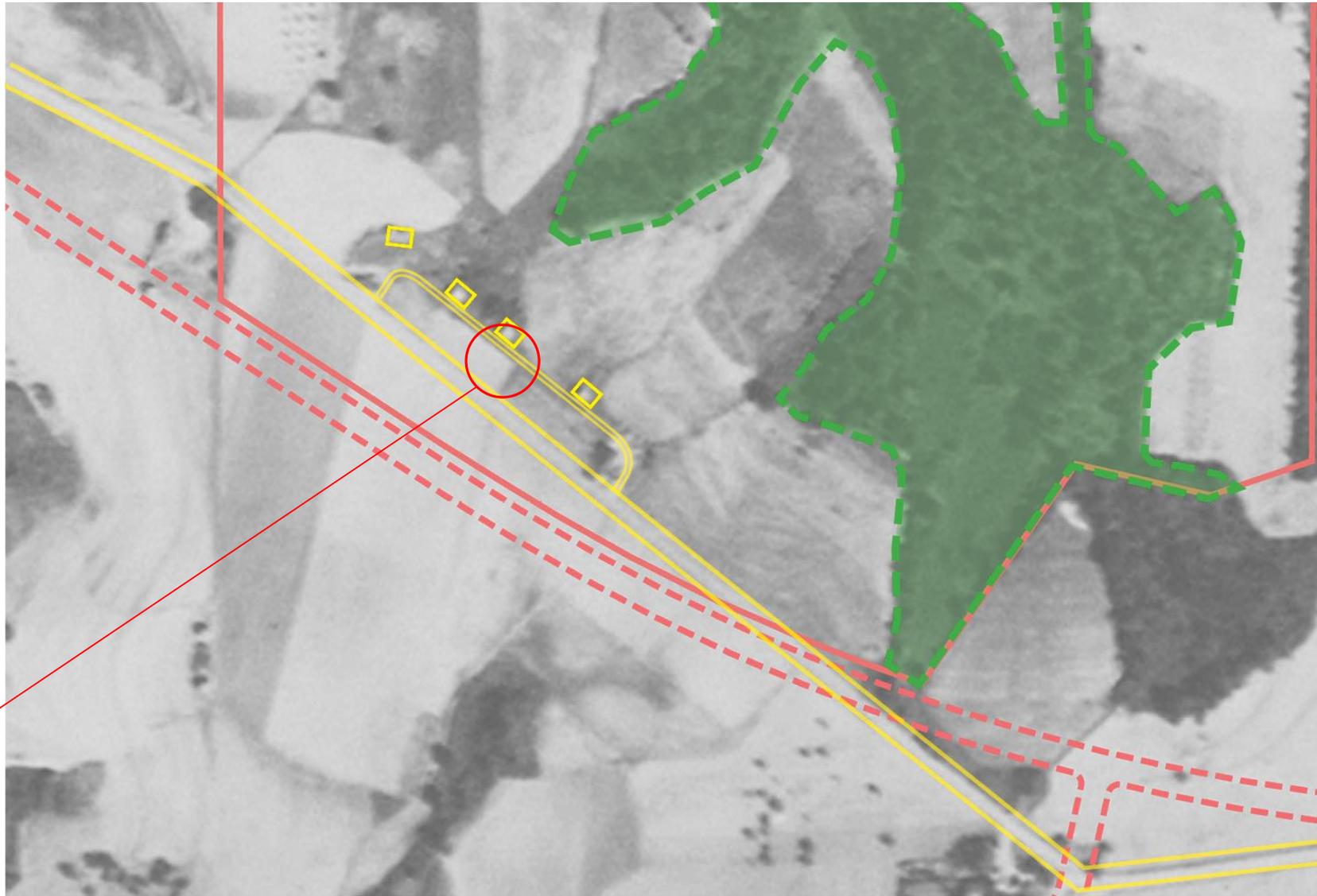
SOUTHEAST PARK BOUNDARY



RESIDENTIAL DEVELOPMENT

Agricultural History

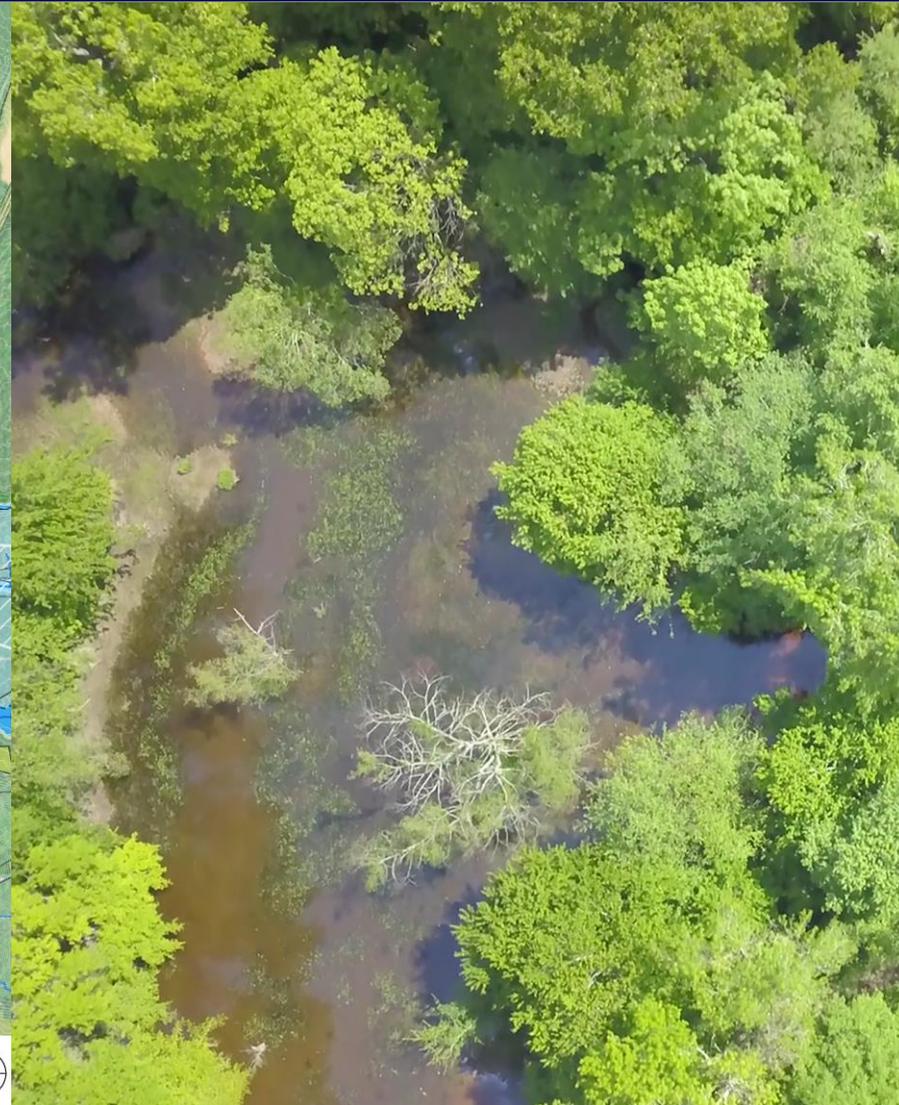
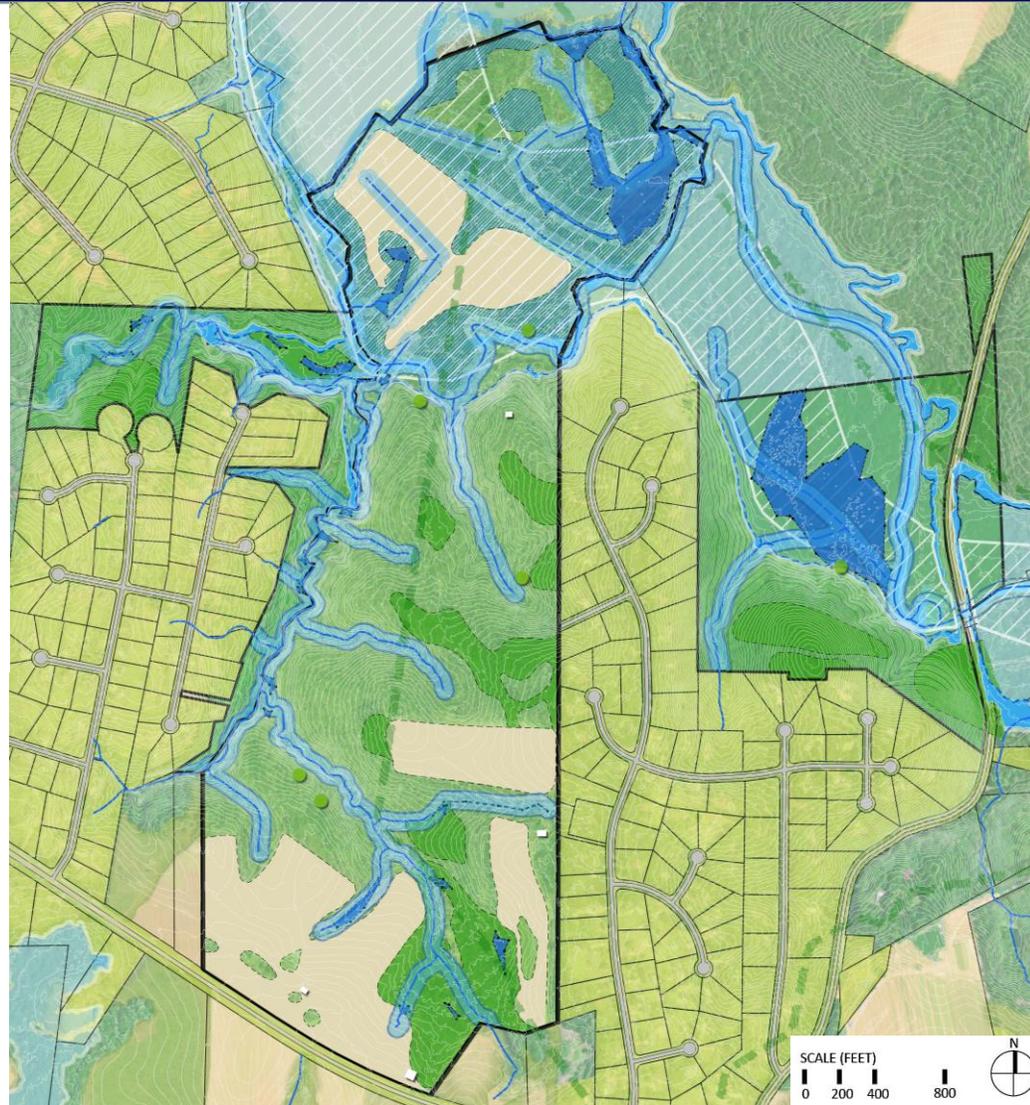
-  SOUTHEAST PARK BOUNDARY
-  FORESTED AREAS
-  OUTLINE OF HISTORIC ROADS AND BUILDINGS
-  OVERLAY OF PRESENT DAY ROADS



1938 AERIAL

Environmental Analysis

- HABITAT CONNECTOR
- EXISTING BUILDING
- SIGNIFICANT TREE
- 0.2% CHANCE FLOODPLAIN
- 100 YEAR FLOODPLAIN
- FLOODWAY
- WETLANDS
- PINE FOREST
- HARDWOOD FOREST
- 2' CONTOUR INTERVALS
- FARMLAND
- FORESTED WETLAND
- STREAMS WITH 50' RADIUS BUFFER



Habitat Section



THE Sustainable SITES Initiative®

*“Creating
ecologically resilient
communities”*

- Rating system for sustainable land development projects
- Administered by GBCI
- SITES and LEED synergies
- North Carolina certified projects



American Society of
Landscape Architects



UNITED STATES
BOTANIC GARDEN



Rick Fisher's Photography

Charlotte Brody Discovery Garden



Art Howard

Horseshoe Farm Nature Preserve

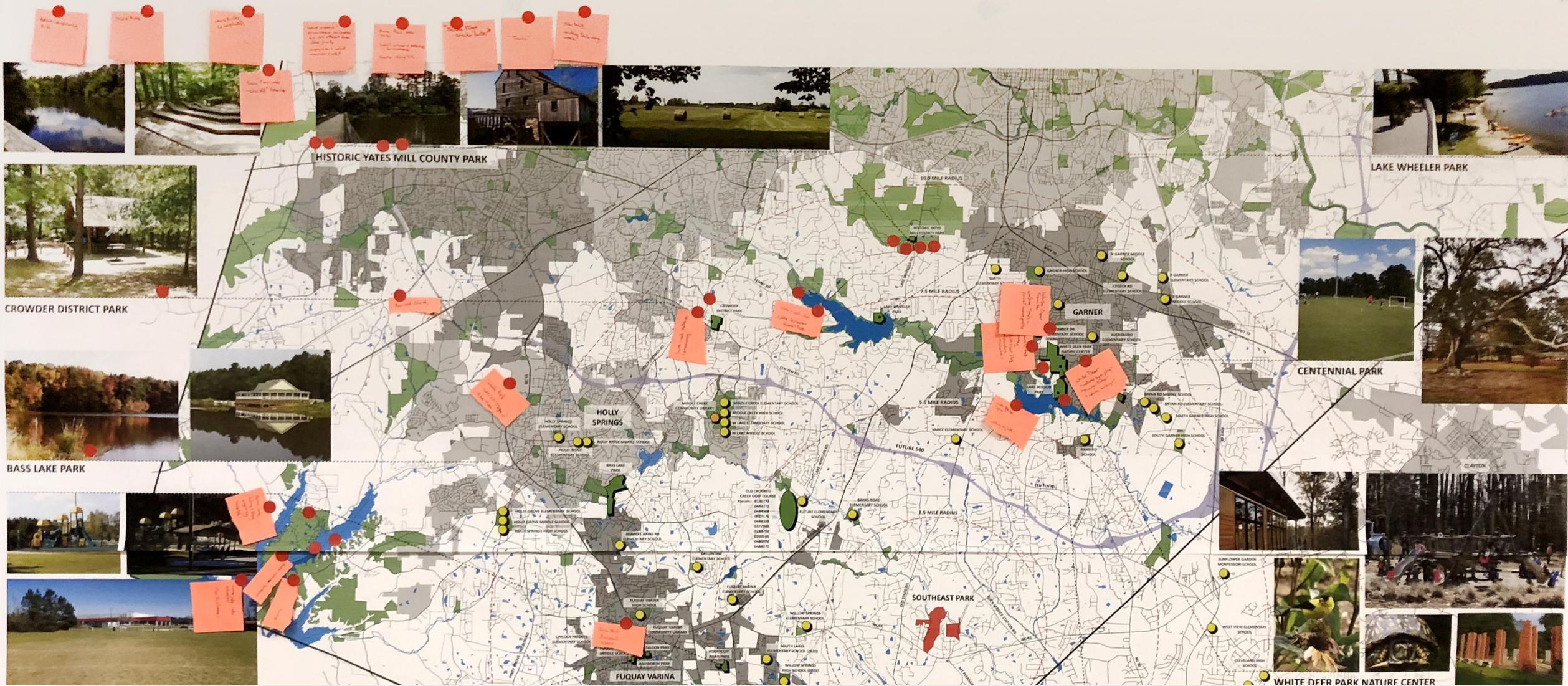


Gathering Community Input

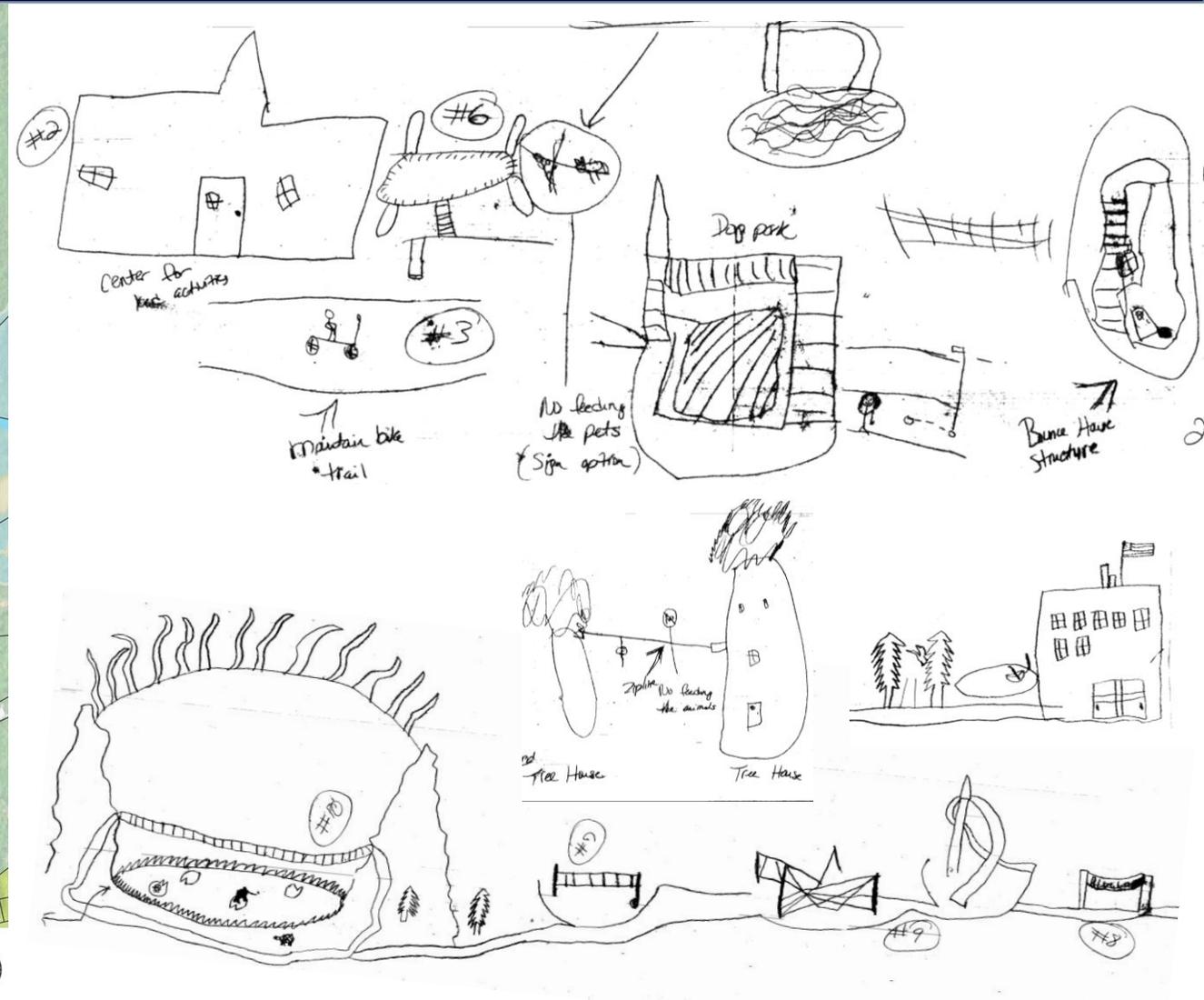
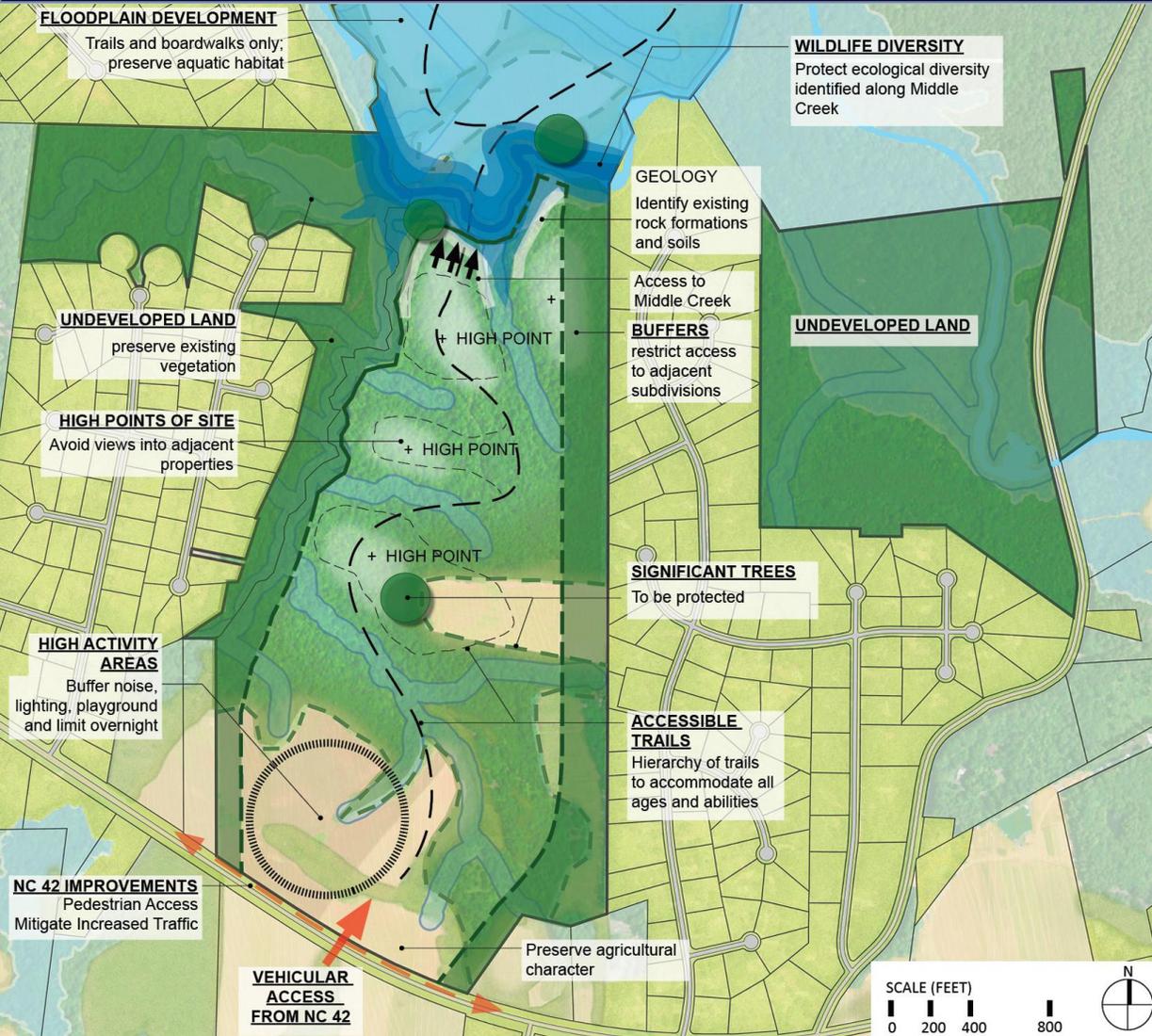
Gathering Community Input



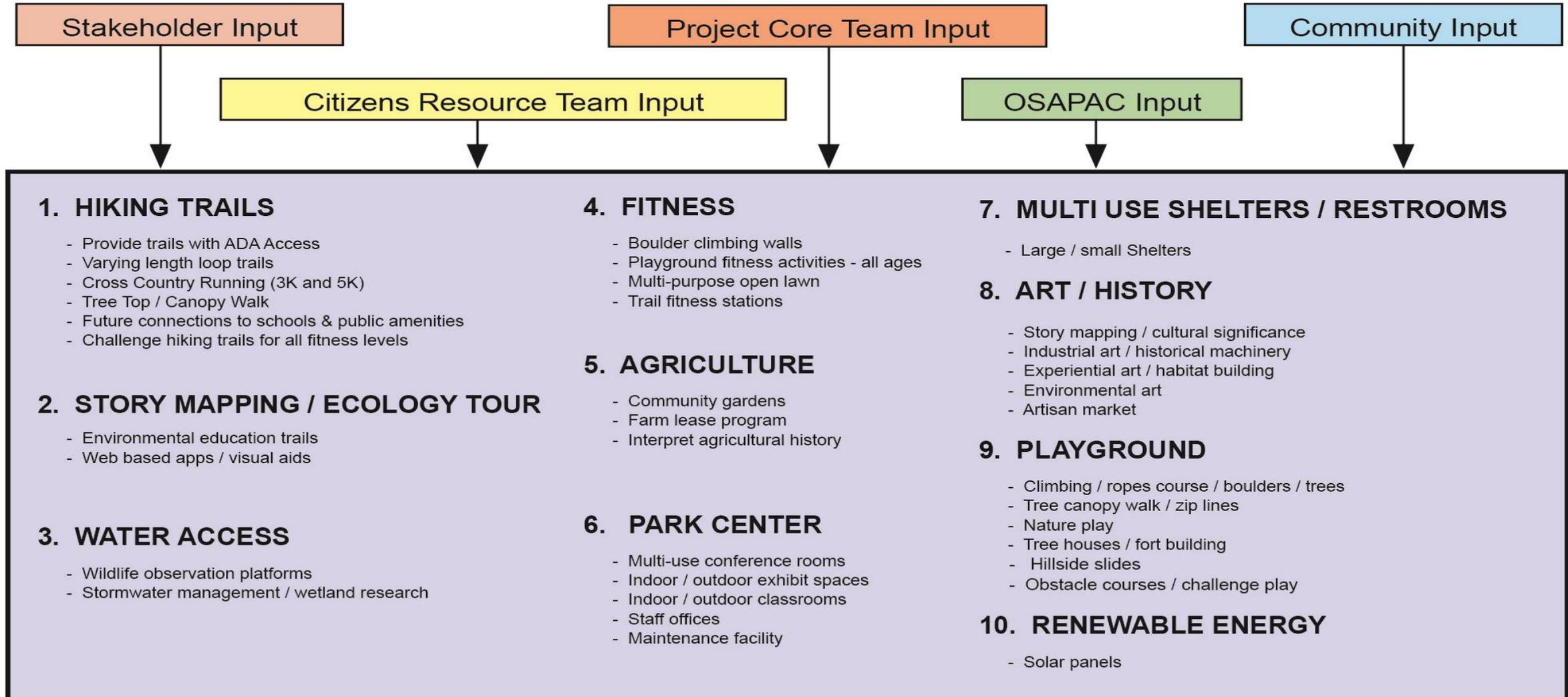
Gathering Community Input



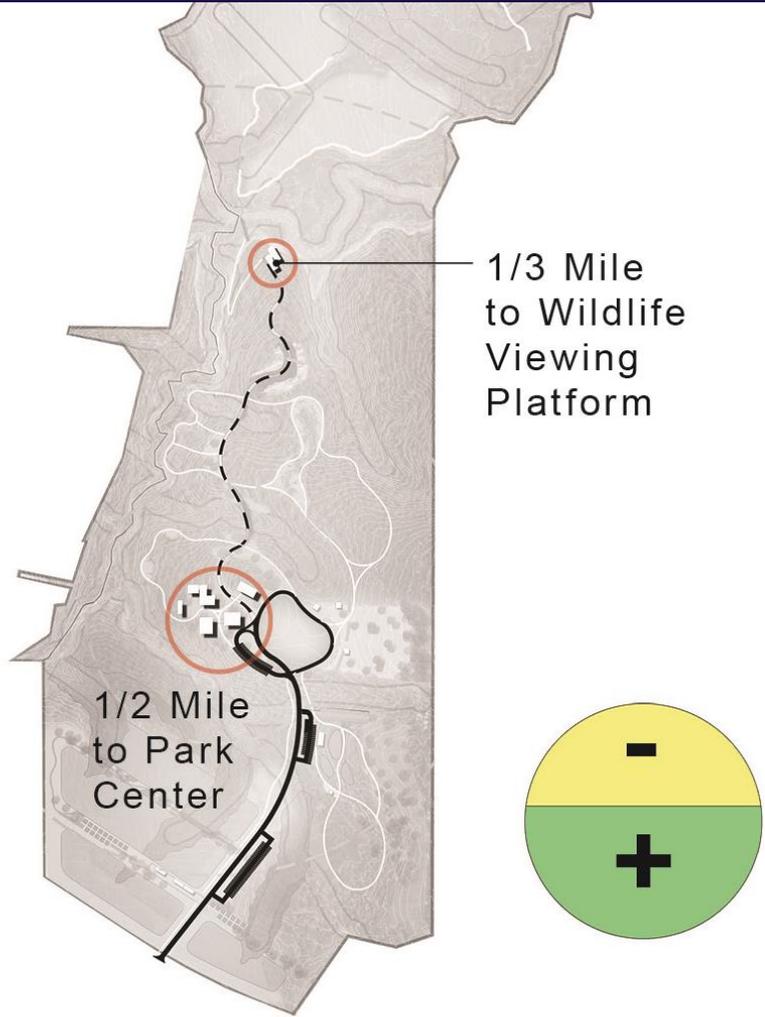
Gathering Community Input



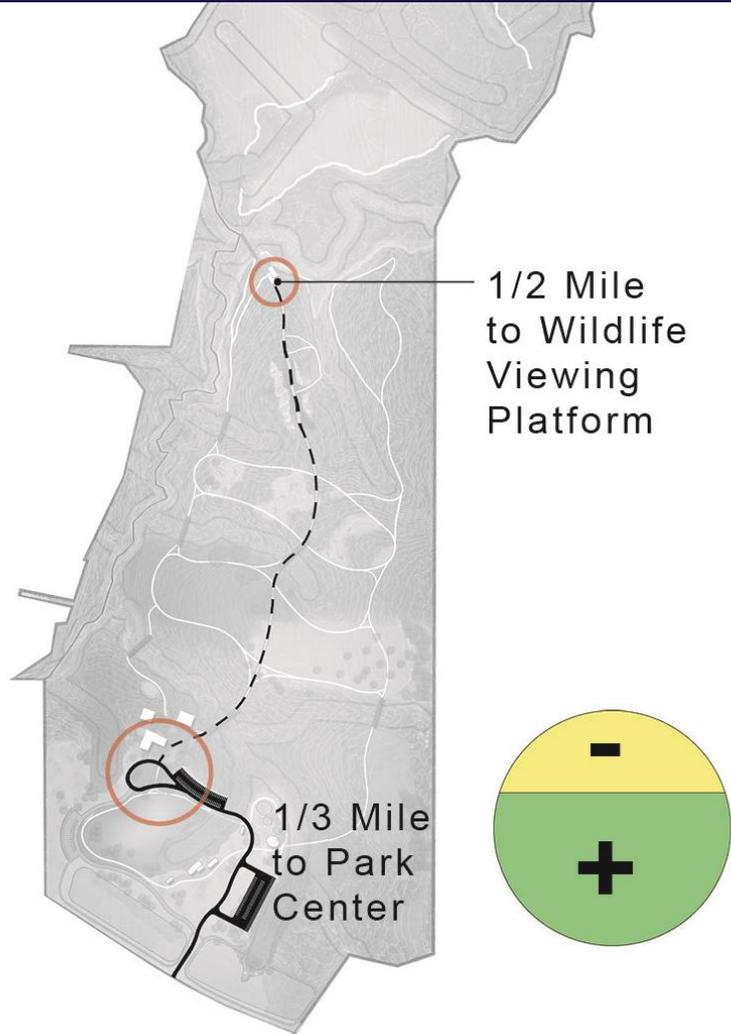
Evaluating Program Options



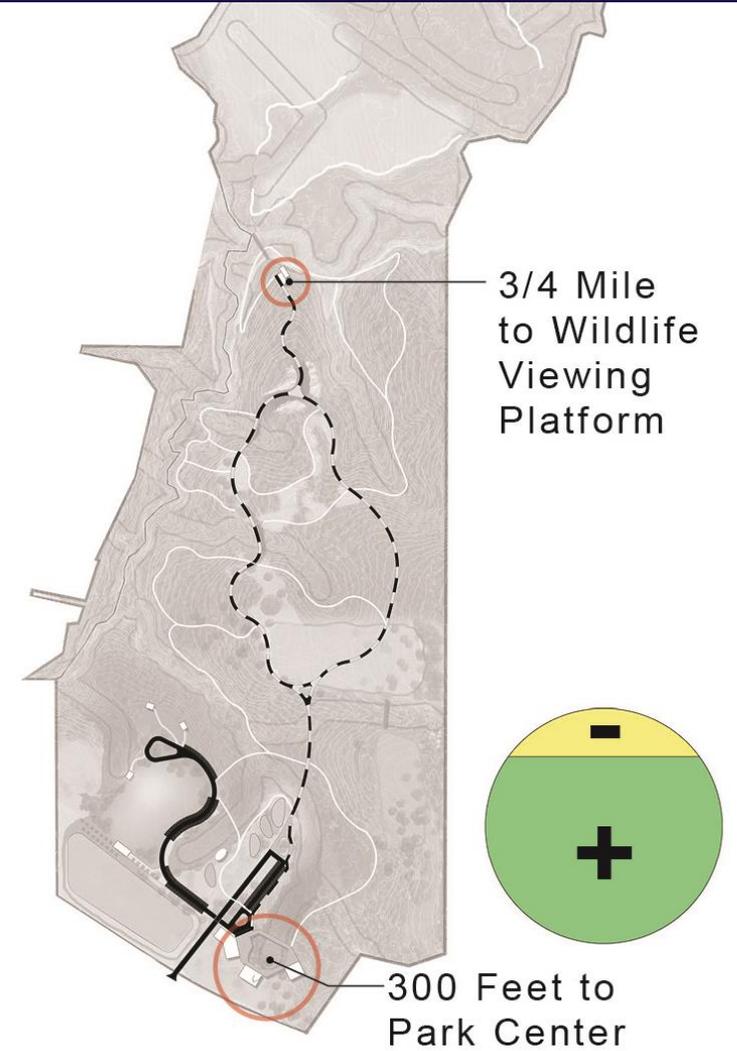
Considering Design Alternatives



Option A



Option B



Option C

Gathering Community Input

ADJACENCY

NO ACCESS FROM
SUBDIVISIONS

BUFFER FROM
RESIDENTIAL

KEEP NOISE NEAR
HWY 42

TRAILS

WELL-MARKED TRAILS

WATER / RESTROOM
AVAILABILITY

UNIVERSAL ACCESS

PEDESTRIAN ONLY VS.
SHARED USE

FITNESS

NOISE
GENERATING
ACTIVITIES
TOWARD HWY 42

SUSTAINABILITY / ECOLOGY

BIODIVERSITY
OF MIDDLE CREEK
NET ZERO BUILDINGS

AGRICULTURE / COMMUNITY GARDENS

AVOID COMPETITION
WITH LOCAL FARMERS
MARKETS

POLLINATOR GARDENS

COMMUNITY GARDENS

LEARNING + EDUCATION

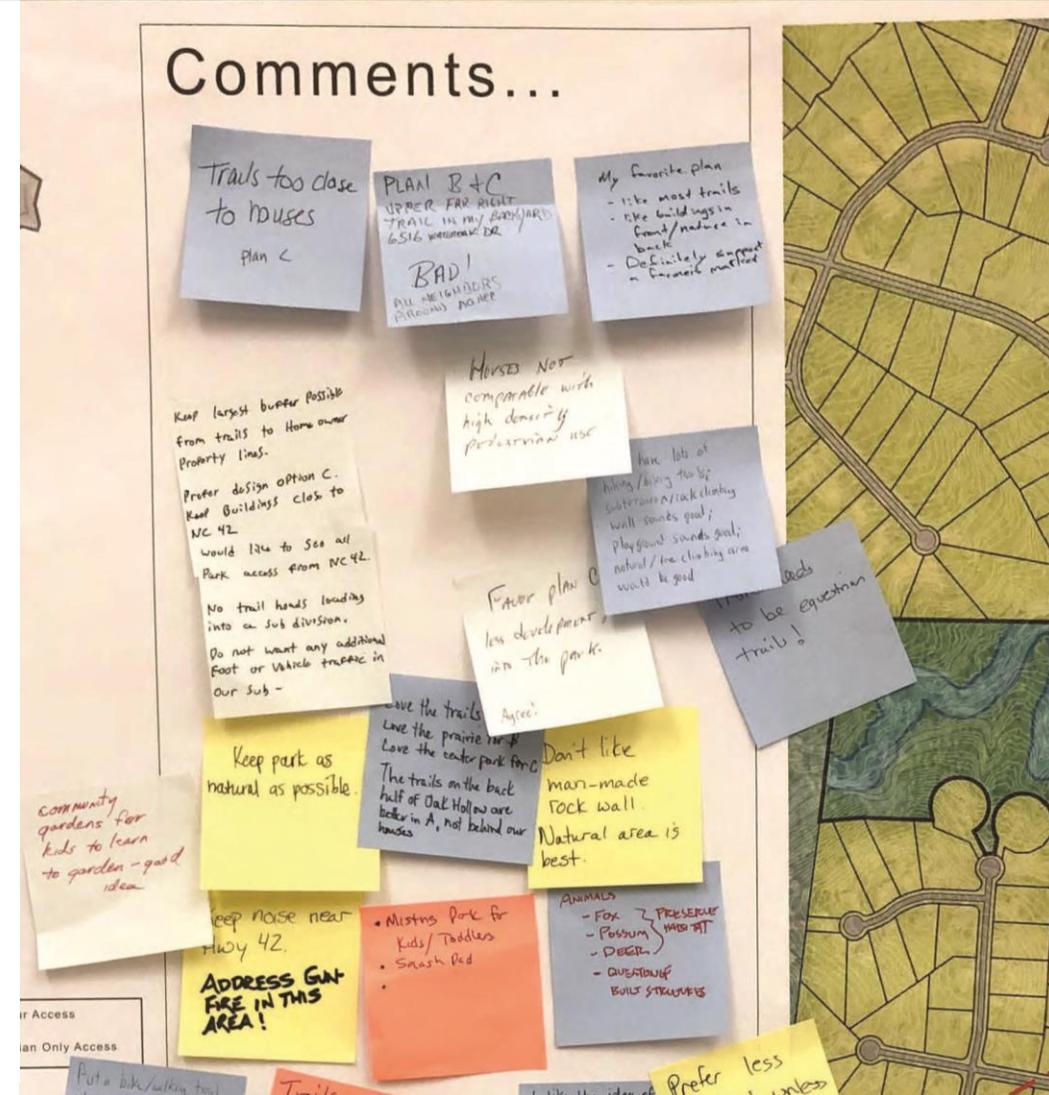
MISCELLANEOUS

SOUND ZONES

SALVAGE FIRE PLACE

REFURBISH EX. BARN

AGRICULTURAL HISTORY



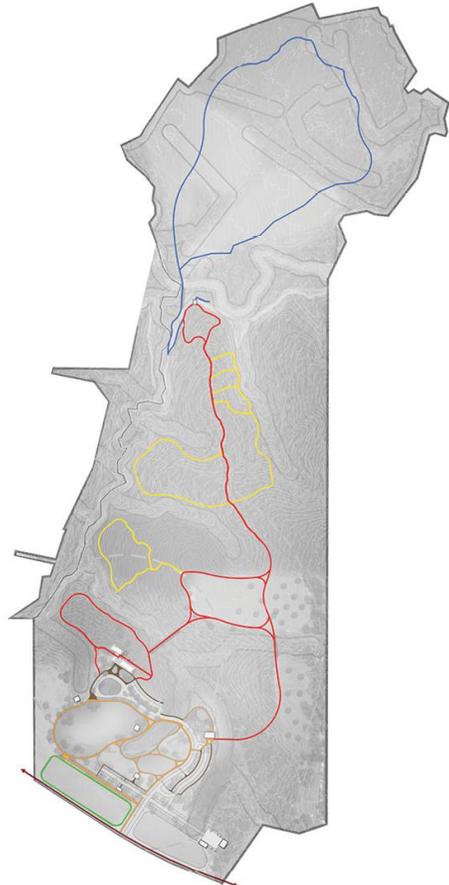


Presenting Draft Master Plan

Preferred Design Alternate

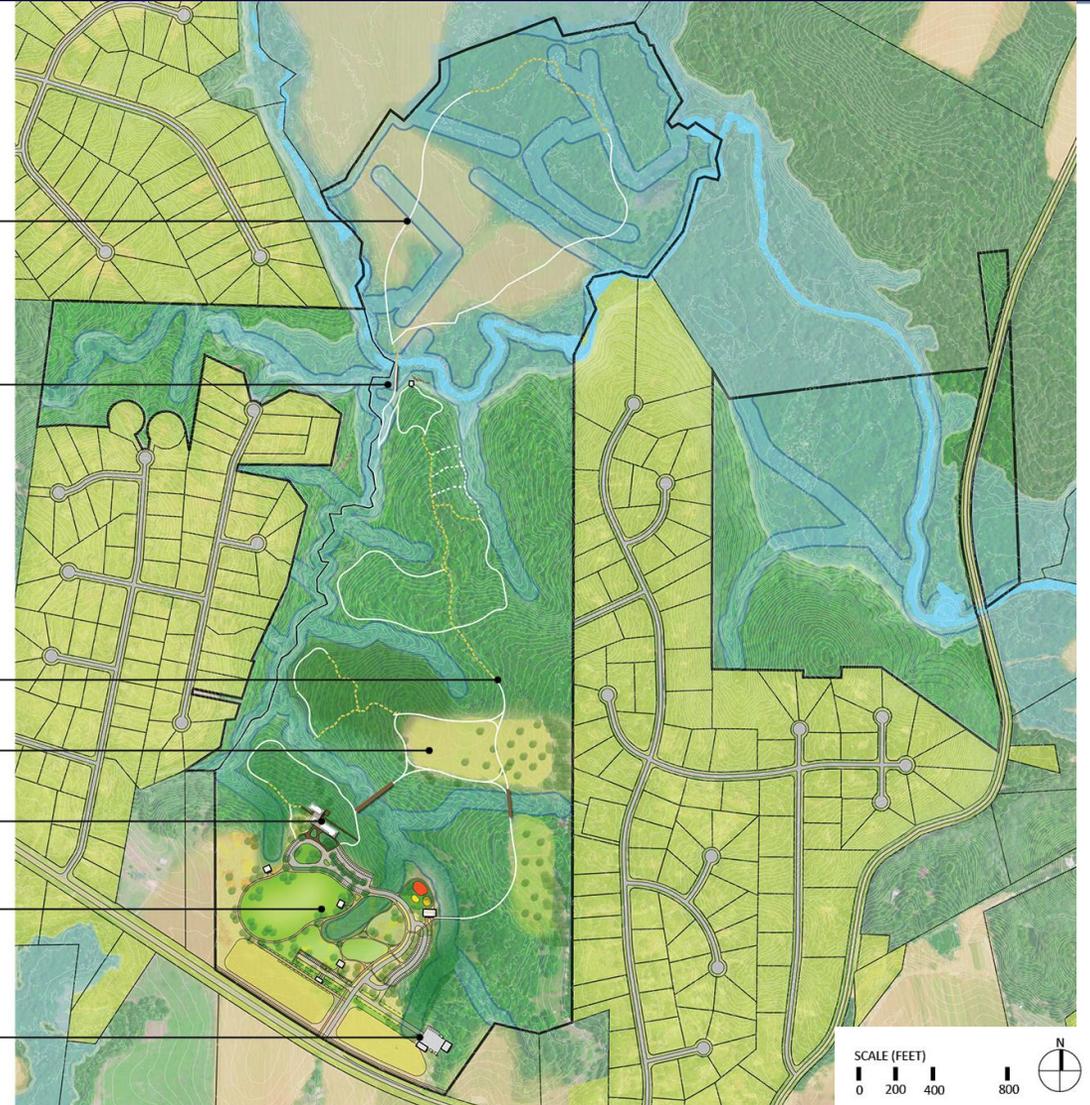


Open Space



Trails

- Floodplain Trails
- Wildlife Viewing Platform
- Forest Trails
- Native Prairies
- Park Center
- Activity Center
- Maintenance Facility



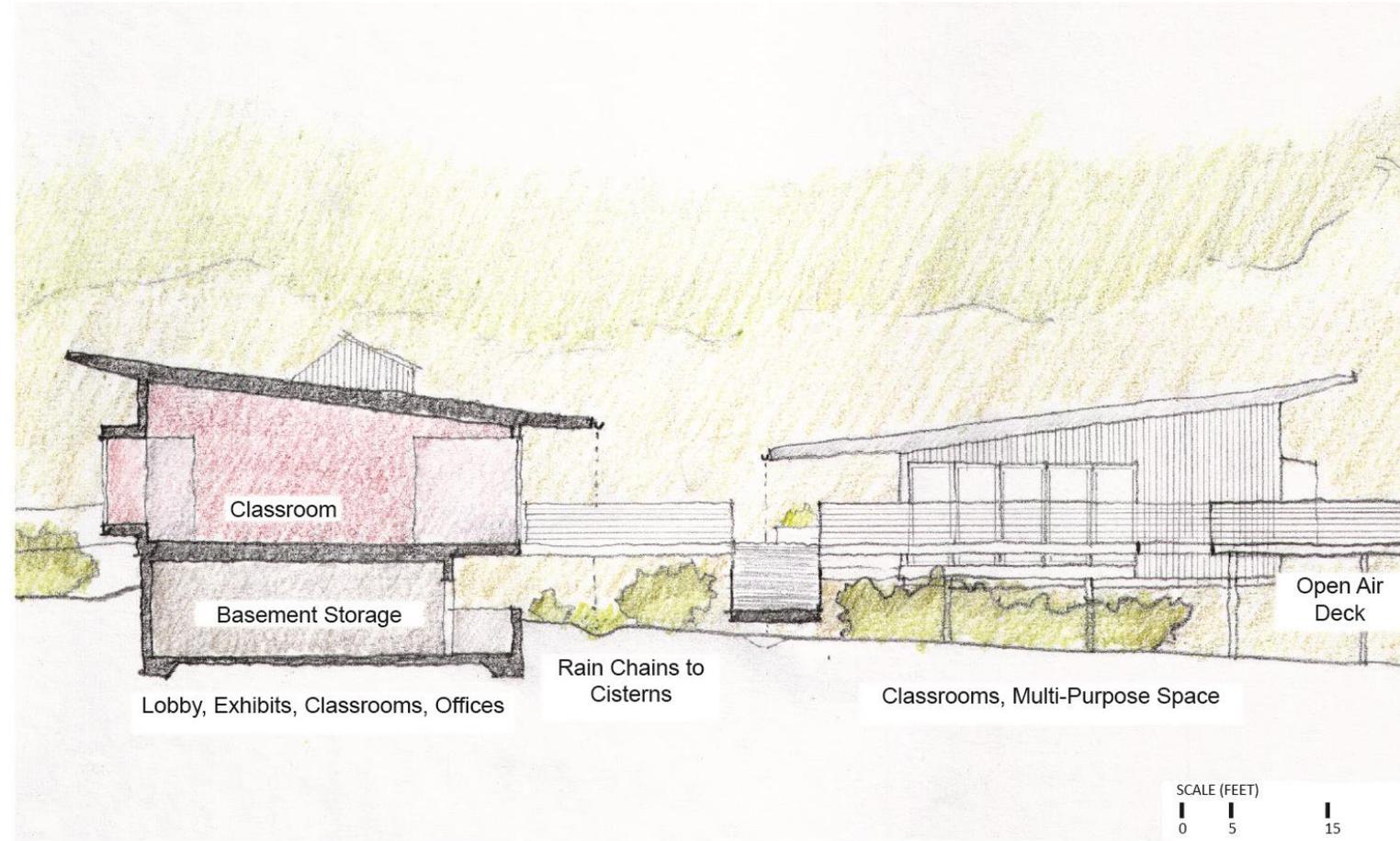
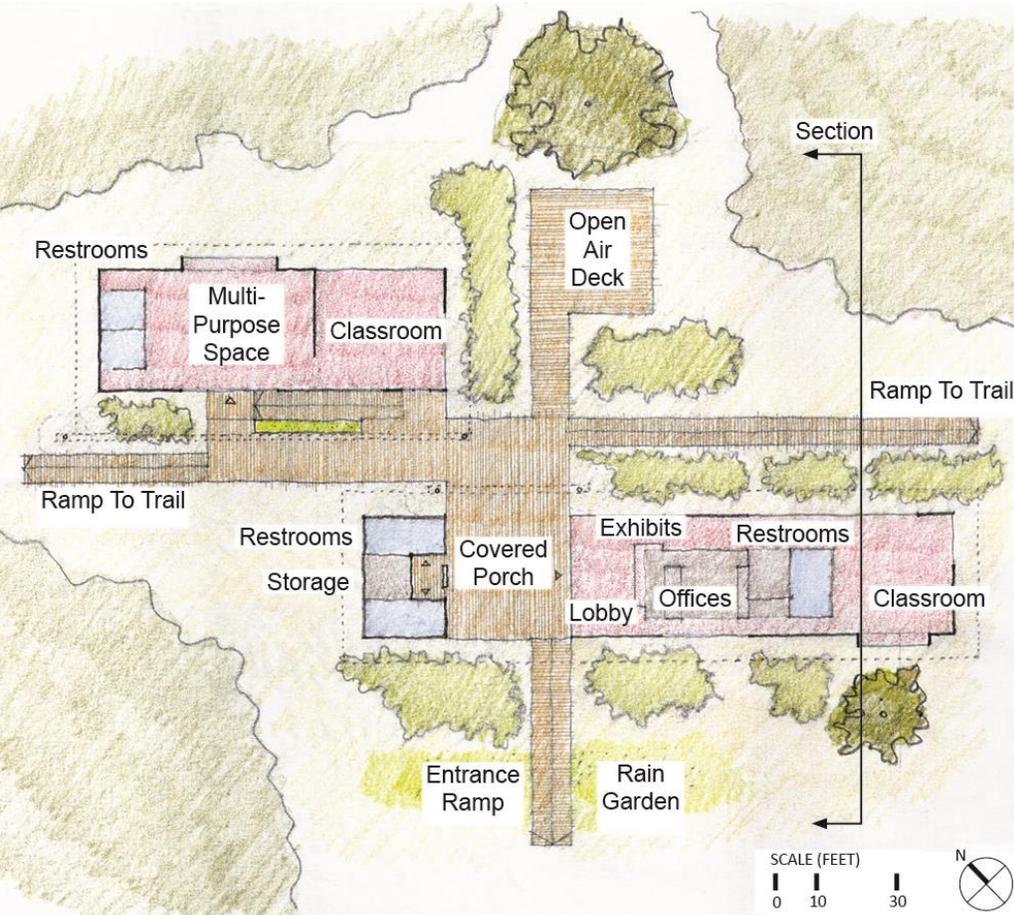
Activity Center



SCALE (FEET)
0 100 200 400

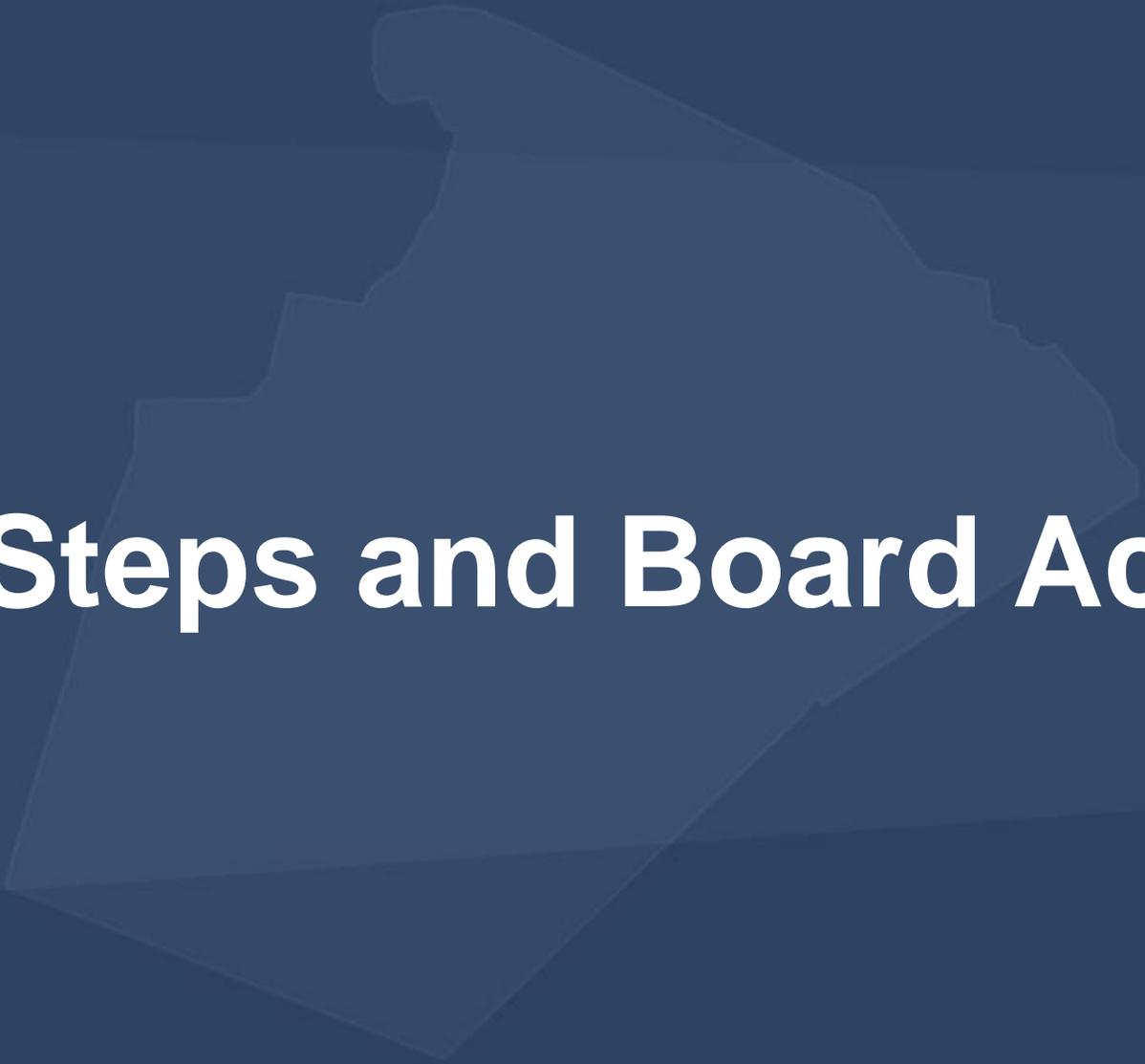


Park Center



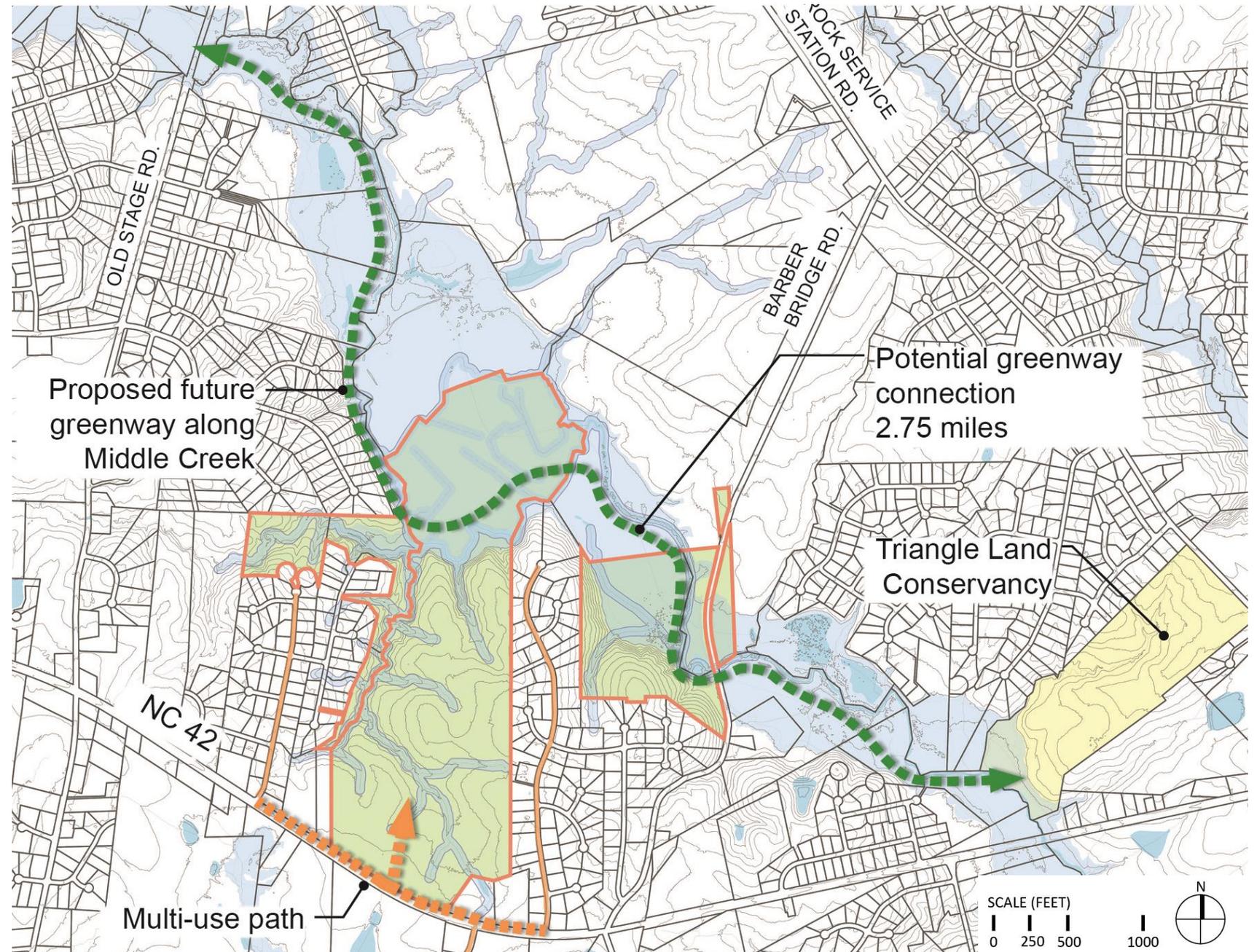
Beech Bluff County Park





Next Steps and Board Action

Future Opportunities



Project Take-Aways

- Public Art as part of the design process
- Solar Energy Considerations
- Green Stormwater Infrastructure
- SITES Initiative
- Urban Agriculture
- Community Gardens
- Park Center Buildings and Site Integration

Estimate – Timeline

- Preliminary Park Cost Estimate: \$17 - \$20 Million
- Multiple Matching Grant Opportunities



Specific Action Requested

That the Board of Commissioners:

Adopts the Master Plan for the future Southeast County Park and the permanent name of Beech Bluff County Park



Questions?