



## WILDWOOD

June 21, 2016

The Honorable City Council  
City of Wildwood, Missouri  
16860 Main Street  
Wildwood, Missouri 63040

Re: **Community Park - Phase Three**

Council Members:

Although progress on the completion of Phase Two of the Community Park has slowed due to utility-related issues relative to the interior roadway's planned location and connection to the Pond-Grover Loop Road, the Committee has continued to identify next steps in the overall building process for this one-of-a-kind facility. It is important to note these utility issues are under discussion with the appropriate parties, but, as has been noted, will delay construction beyond the anticipated completion of summer's end. Despite this delay, the Committee has begun the planning for Phase Three of the project, which is funded in 2016 for design and engineering services, so bidding could conceivably begin in 2017 for construction in that same year or 2018.

In preparing to discuss this next phase of the Community Park's development, the Committee would first note the Planning and Zoning Commission and City Council have approved a comprehensive Concept Plan in 2011 for this type of guidance. The planning process used to create this plan included a citizen committee that studied the matter for almost one (1) year and produced a report, which included the aforementioned plan. The outcome of this process was the acknowledgement that Community Park would have to be developed in phases, given the size of the property, the desired and identified improvements, and the overall cost with them.

The Concept Plan for Community Park indicates a total of seven (7) phases, of which the next for consideration is Phase Three. Phase Three of the overall development of this facility, according to the plan, is another pavilion area, similar to Phase One in the Glade Area, but located within the north end of the site, and including the following items:

1. Electrical services and other utilities
2. Restrooms
3. Parking improvements
4. Work in the Great Meadow Area

Subsequent phases then are identified with further improvements away from the central area of the property.

The Committee is certainly not advocating a change in direction from the Concept Plan; however, in this next phase, it would like to reorder them to allow for this work to include a perimeter, multiple use trail that would include additional parking facilities and the on-going work in the Great Meadow Area, which started in the current Phase Two project. These components have been studied over the last few months and the Committee has a preliminary design, along with a proposal for its design/engineering services from Oates Associates. The availability of this information would also allow the City to apply for potential grant funding from the St. Louis County Municipal Park Commission, which is providing part of the funds for the aforementioned Phase Two Project at this time. Grant funding is one (1) of the methods the Action Plan - Parks and Recreation Plan 2007 identifies as preferable for the City to pursue and use, whenever possible.

The benefits of this project are many-fold, but for the Committee, it believes the most important of them all is this trail which will provide a window into the remainder of the park, which few people know exists, given the lack of access to it. Therefore, by providing a functional and safe trail system, which will ultimately link to Phase One of the park to the existing trail system that connects to surrounding areas to the east. Along with this benefit, the completion of the preparatory work in the Great Meadow Area will provide several acres of passive green space for informal play. These additional use areas will be supported by new parking facilities, so spaces can be accommodated in the locations of high use and need. Collectively, these improvements, when completed, will provide the first full access, via on foot, to the entire park site.

The Committee considered this matter at its June 21, 2016 meeting and agreed the proposed improvements that had been identified above are a reasonable approach in terms of the next phase of development in Community Park and will allow further utilization of the overall sixty-six (66) acre park property by Wildwood residents. The action of the Committee was unanimous (6 to 0). To support the discussion of this item at tonight's meeting, the Committee is also providing to the City Council the final deliverable from the consulting firm that completed the Concept Plan for this park. This final deliverable from Oates Associates provides the details needed to understand all of the phases and the financial considerations associated with them as well.

The Committee noted the next steps, with City Council's concurrence, would be for the Department of Planning and Parks to complete the following:

- a. Solicit proposals for the planning, design, and engineering work in association with the content of this Phase Three project, which would supplement the proposal that has already been provided by Oates Associates.
- b. Present the proposals that are provided by the design and engineering firms to the Committee for consideration and action.
- c. Engage the recommended consultant for the work and present a contract for the planning, design, and engineering work to begin to the Committee and then City Council.

- d. Submit a grant application in the fall to the St. Louis County Park Grant Commission for this project.

To complete these steps, the Committee believes it will have substantial information by the fall of this year to use in its budget discussions with the Department of Planning and Parks, thereby allowing all parties to have a good understanding on how to proceed with the project in terms of funding for 2017/2018.

If any of the City Council Members have questions or comments about this information, please feel free to contact the Department of Planning and Parks at (636) 458-0440. A presentation of this information is planned on this item at tonight's meeting. Thank you for your consideration of this information and providing direction on the same.

Respectfully submitted,  
**CITY OF WILDWOOD**

Jim Baugus, Chair\*  
Planning/Economic Development/Parks Committee

Cc: The Honorable James R. Bowlin, Mayor  
Administration/Public Works Committee Members of the City of Wildwood  
Ryan S. Thomas, P.E., City Administrator  
John A. Young, City Attorney  
Rick Brown, P.E. and P.T.O.E., Director of Public Works  
Kathy Arnett, Assistant Director of Planning and Parks  
Gary Crews, Superintendent of Parks and Recreation

\* The Department of Planning and Parks developed this report, in conjunction with the Planning/Economic Development/Parks Committee. Content reflects the Committee's consideration of this subject, and not necessarily an individual's position or opinion.





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November 18, 2015

Joe Vujnich  
City of Wildwood  
Director of Planning and Parks  
183 Plaza Drive  
Wildwood, MO 63040

Re: Phase 3 - Community Park  
Great Meadow and Multi-Use Path

Dear Mr. Vujnich:

We propose to render professional design services in connection with Phase 3 of the Community Park, which involves the multi-use path from the Pond Grove Loop Road extension to the parking lot and developing the Great Meadow (hereinafter called the "Project").

Our Basic Services will consist of providing a topographic survey, preliminary design, construction documents, part-time construction administration, and permit applications, all as set forth in the attached "Exhibit A: Scope of Work and Estimated Schedule". Oates Associates will manage and perform all the work in this proposal, with Nelson Byrd Woltz will providing landscape architecture and DJM Ecological Services, Inc. providing site specific weed eradication, seed mixes, and stewardship programs for the Great Meadow.

You agree to pay us for our Basic Services and any authorized Additional Services at the hourly rates set forth on Exhibit B. Billings for Basic Services are estimated at \$136,000.

If Additional Services are requested to address an unforeseen condition or to address a City initiated design change, we will provide the service for an additional fee and bill for the time on an hourly basis using the rates shown in Exhibit B. We will not provide any Additional Services that increases the contract amount without prior approval from the City.

If this proposal and Scope of Work satisfactorily sets forth your understanding of our agreement, we'll incorporate it into the City's "Consultant/ Services Agreement" using this letter as an attachment. This proposal will be open for acceptance until February 29, 2016, unless changed by us in writing.

Sincerely,  
**OATES ASSOCIATES, INC.**

  
Thomas L. Cissell III, PE, LEED AP  
Project Manager

  
David M. Oates, PE  
Project Principal

Accepted this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

By: \_\_\_\_\_

Title: \_\_\_\_\_

**EXHIBIT A**  
**HOURLY RATE SCHEDULE**

Principal Engineer	205.00
Senior Professional II	175.00
Senior Professional I	155.00
Professional IV	145.00
Professional III	135.00
Professional II	120.00
Professional I	105.00
Junior Professional	85.00
Technician III	115.00
Technician II	100.00
Technician I	80.00
Technician Intern	50.00

The above hourly rates are effective as of July 1, 2015 and are subject to adjustment annually.

**GENERAL CONDITIONS**

## **EXHIBIT A**

### **Scope of Work and Estimated Schedule**

**Task 1: Field Survey - 3,100' long road trail, 12-acre Great Meadow (est. \$24,000 - starting in February).**

- Task 1.1: Call in utility locates and review the utility marks in the field
- Task 1.2: Walk the potential trail alignment to set creek crossing location and survey limits.
- Task 1.3: Set horizontal and vertical control points for the survey.
- Task 1.4: Tie in existing topography along 3,100'-long multi-use path, at the Bonhomme Creek crossing, and in the 12-acre meadow.
- Task 1.5: Create the design background drawing by drawing the existing survey data in CAD.
- Task 1.6: Field review the survey drawing, identify specimen trees, and edit the drawing accordingly. NBWLA will tag trees to save and flag the meadow boundary.

**Task 2: Design Development (est. \$44,000 starting in March)**

- Task 2.1: Kick-off/ coordination meeting with client to confirm goals and expectations
- Task 2.2: Create an existing conditions/ removal plan along the path and meadow using specimen trees.
- Task 2.3: Develop pavement structures and typical sections for the multi-use path.
- Task 2.4: Set multi-use path alignments – horizontal and vertical.
- Task 2.5: Using the alignments, cut cross sections along the path to determine earthwork and clearing limits.
- Task 2.6: Coordinate Great Meadow concept plans with our subconsultants – NBWLA and DJM Ecological
- Task 2.7: Incorporate concept plans into a grading plan for the meadow to determine seeding limits, estimate earthwork, and identify clearing limits.
- Task 2.8: Perform storm water conveyance computations including:
  - Design of six cross-trail pipe culverts
  - Design trailside ditches and swales across the meadow.
  - Design storm water dissipation pads (stone rip rap) at culvert outfalls.
- Task 2.9: Perform a floodplain study to ensure the floodplain elevation is not affected by the creek crossing.
- Task 2.10: Develop erosion control plans.
- Task 2.11: Develop preliminary creek crossing plans for hydraulic models and City meeting (Task 2.14).
- Task 2.12: Develop preliminary construction cost estimates.
- Task 2.13: Submit the preliminary plans and concepts to the City for review and approval.
- Task 2.14: Review the creek crossing structure with the Architecture Review Board (ARB) at one meeting. The crossing type will be confirmed before moving into the Construction Document phase.

**Task 3: Construction Documents (est. \$35,000 starting in May)**

- Task 3.1: Develop construction documents including:
  - Cover and general notes sheets.
  - Existing conditions and demo plans.
  - Tree protection plans.
  - Typical sections for the multi-use path.
  - Multi-use path plan and profile sheets.
  - Multi-use path cross sections.
  - Great Meadow site plans.
  - Great Meadow grading plans.
  - Structural plans and details for the creek crossing.
  - Landscaping and planting plans for the Great Meadow.
  - Construction Details.
  - Storm Water Pollution Prevention Plans.
- Task 3.2: Prepare permit applications for a MDNR Land Disturbance Permit.
- Task 3.3: Prepare a Corps of Engineers 404 permit application.
- Task 3.4: Prepare permit applications for St. Louis County.
- Task 3.5: Develop project specific specifications.
- Task 3.6: Edit the City's front-end and proposal documents to be specific for this project.

- Task 3.7: Finalize construction quantities and develop final construction cost estimates  
Task 3.8: Submit the pre-final and final plans to the City for review and approval.

Task 4: Bid Assistance (est. \$4,000 starting in August)

- Task 4.1: Upload the construction documents to the plan holder room for distribution.  
Task 4.2: Prepare for, attend, and conduct a pre-bid meeting.  
Task 4.3: Review questions during the bid process.  
Task 4.4: Prepare and issue an addendum to clarify the construction documents as needed during bidding.  
Task 4.5: Review the bids and recommend award.

Task 5: Construction Administration (\$29,000 starting in September and ending in December)

- Task 5.1: Prepare for and conduct a pre-construction meeting. Minutes will be provided.  
Task 5.2: Prepare for and conduct bi-weekly pay/ progress meetings. Minutes will be provided.  
Task 5.3: Review and respond to contractor questions during construction operations.  
Task 5.4: Review material submittals for seed mixes, pavement mixes, top soil, trees, aggregate suppliers, lime dosage rates, the bridge structure, bridge rebar, bridge railing, and other miscellaneous elements.  
Task 5.5: Perform weekly site visits to review progress, document construction operations, help ensure the project is being built according to the plans, and coordinate construction.

The following activities will be part of the site visits:

- Perform quality assurance material testing on concrete, rock, and asphalt.
  - Review the site for construction activity erosion and conduct storm water erosion control inspections.
  - Document construction activities in daily field reports.
  - DJM will review meadow installation proposals and review site preparation.
  - If required, we will document design changes in the plans and specifications. At the end of the project, we will submit as-built drawings and specifications to the City.
- Task 5.6: Conduct a final walk-thru and prepare a punchlist of deficient items for the contractor to address.  
Task 5.7: Review warranties and provide a certificate of completion to the contractor.

November 11, 2015

Tom Cissell  
Oates Associates  
100 Lanter Court, Suite 1  
Collinsville, IL 62234

**Re: Wildwood Community Park, Phase 2- Great Meadow Design Services**

Dear Tom,

We are very excited to submit this proposal for design services related to the preparation of the Great Meadow at Wildwood Community Park. We feel a great sense of pride in the design effort to date and believe that the additional phases will only expand the public's capacity to explore and appreciate this remarkable place.

Per our previous conversations, we understand that this phase will not include full implementation of the entire path network for this area, but will incorporate the clearing and meadow establishment and some lawn areas necessary for the eventual design completion. As such, we have kept our proposal focused on the meadow establishment process.

We hope this meets the expectations of both you and the City of Wildwood, please do not hesitate to call with any questions. Should this be agreeable, we presume that we will sign a prepared subconsultant agreement with Oates.

Sincerely,



Breck Gastinger, Senior Associate  
Nelson Byrd Woltz Landscape Architects

## **Community Park Phase II - Meadow Clearing and Preparation**

### **Proposed Duration - 8 weeks**

The NBW team will be led by Senior Associate Breck Gastinger, with supporting design staff as needed. Outlined below are anticipated services and projected time frame based on our experience with similar projects and our understanding of the project scope, schedule and budget.

### **Scope**

- Identify meadow extent and layout and identify any trees to remain.
- Review road layout by Oates & Associates.
- Provide conceptual grading plan information for Oates to incorporate into site grading strategy.
- Prepare plan of lawn and meadow areas and layouts of mown paths.
- Review meadow specification, installation strategy, seed mix, and management recommendations by ecological consultant.
- Provide Lawn installation specification and seed mix(es).
- Provide planting plan of any other trees, shrubs, or planting areas within the project bounds.

Permits or presentations to regulatory agencies are not part of the scope of work.

For coordination purposes, we foresee the following scope for DJM Ecological Services:

- Provide guidance on the sequence and process for clearing and meadow planting preparation.
- Prepare meadow specification, installation strategy, seed mix, and management recommendations.
- Review materials prepared by NBW (layout plans, planting plans, and lawn specification) related to success of NWSG meadow.
- Review meadow installation proposals, review site preparation and guide seeding.

### **Deliverables**

- Cad plan of Meadow and lawn extents and path layout
- Conceptual grading strategy
- Planting plan, specification and details

### **Site Visit, Meetings, and Presentations**

- One (1) site visit to tag trees to save and to flag meadow boundary, or, alternatively, to review site staking prior to installation.

### **Fee**

We propose to bill hourly for this project (current rates attached) with a not-to-exceed amount of \$12,940 for these services plus expenses, to be invoiced monthly.

## **2015 Schedule of Hourly Rates**

### **Nelson Byrd Woltz Landscape Architects**

Principal	\$350
Senior Associate	\$200
Associate II	\$180
Associate I	\$160
Designer III	\$140
Designer II	\$120
Designer I	\$100
Technical/Research	\$ 80

**Fees for professional services are calculated using the hourly rates listed above.**

**Travel time is billed at 50% of the regular hourly rate. Expenses are marked up 10% to cover administrative costs.**

**Rates are subject to change annually.**



Ecological Consulting  
 Environmental Contracting  
 Natural Areas Management  
 Custom Seed &  
 Plant Propagation  
 Prescribed Burning

DJM Ecological Services, Inc.  
 2205 Ebert Lane  
 Wentzville, Missouri 63385  
 djmecological.com  
 314.478.2388 Doug  
 314.974.4282 Jon  
 636.332.9600 Fax

<b>Project:</b>	<b>Wildwood Community Park - Phase 2 Pond Grover Loop Road Extension</b>
<b>Client:</b>	<b>Oates &amp; Associates – Tom Cissell</b>
<b>Location:</b>	<b>Wildwood, MO (109 @ 100)</b>

DJM Ecological Services, Inc. proposes to provide professional consulting services to further the development and deployment of site specific protocols, construction timelines, restoration techniques, seed mixes, installation details, stewardship technique details and unit cost budgetary thresholds.

**ENGAGEMENT FEE SCHEDULE:**

ITEM	QUANTITY	UNIT	EACH	EXTENDED
Principal / Senior Ecologist	20	Hours	\$125	\$2,500
Project Ecologist	15	Hours	\$95	\$1,425
Administrative Report Writing & Exhibit Development	10	Hours	\$55	\$550
Materials & Supplies – Cost + 10% NOT-TO-EXCEED	1	Lump Sum	\$250	\$250
<b>TOTAL – NOT-TO-EXCEED</b>				<b>\$4,725</b>

**Fee Breakdown: \$3,300 Design & \$1,425 Construction Oversight**

**Engagement specifically addresses the following professional services:**

- Provide guidance on the sequence and process for clearing existing vegetation, preparing the planting matrix and installing native seed utilizing appropriate methods
- Prepare meadow specification, installation strategy, seed mix, and management recommendations
- Review materials including layout plans, planting plans, and specifications pertinent to the success of the NWSG meadow planting
- Review meadow installation proposals, review site preparation and oversee construction
  - If DJM is not the selected contractor
- As requested, coordinate the development of visual collateral to communicate expectations for the development of the meadow planting
  - This line item can include the development of interpretive signage
- All services will be provided collaboratively with NBW-LA’s representative, Breck Gastinger





WILDWOOD  
COMMUNITY PARK

THE CONCEPTUAL MASTER PLAN



**Goals & Overview**

**Site Photos & Site Analysis**

**Program**

**Comparable Projects**

**Public Participation**

**Development Frameworks & Conceptual Ideas**

**The Master Plan (final adoption 10.24.11)**

**Strategies, Phasing & Costs**

Goals & Overview

Site Photos & Site Analysis

Program

Comparable Projects

Public Participation

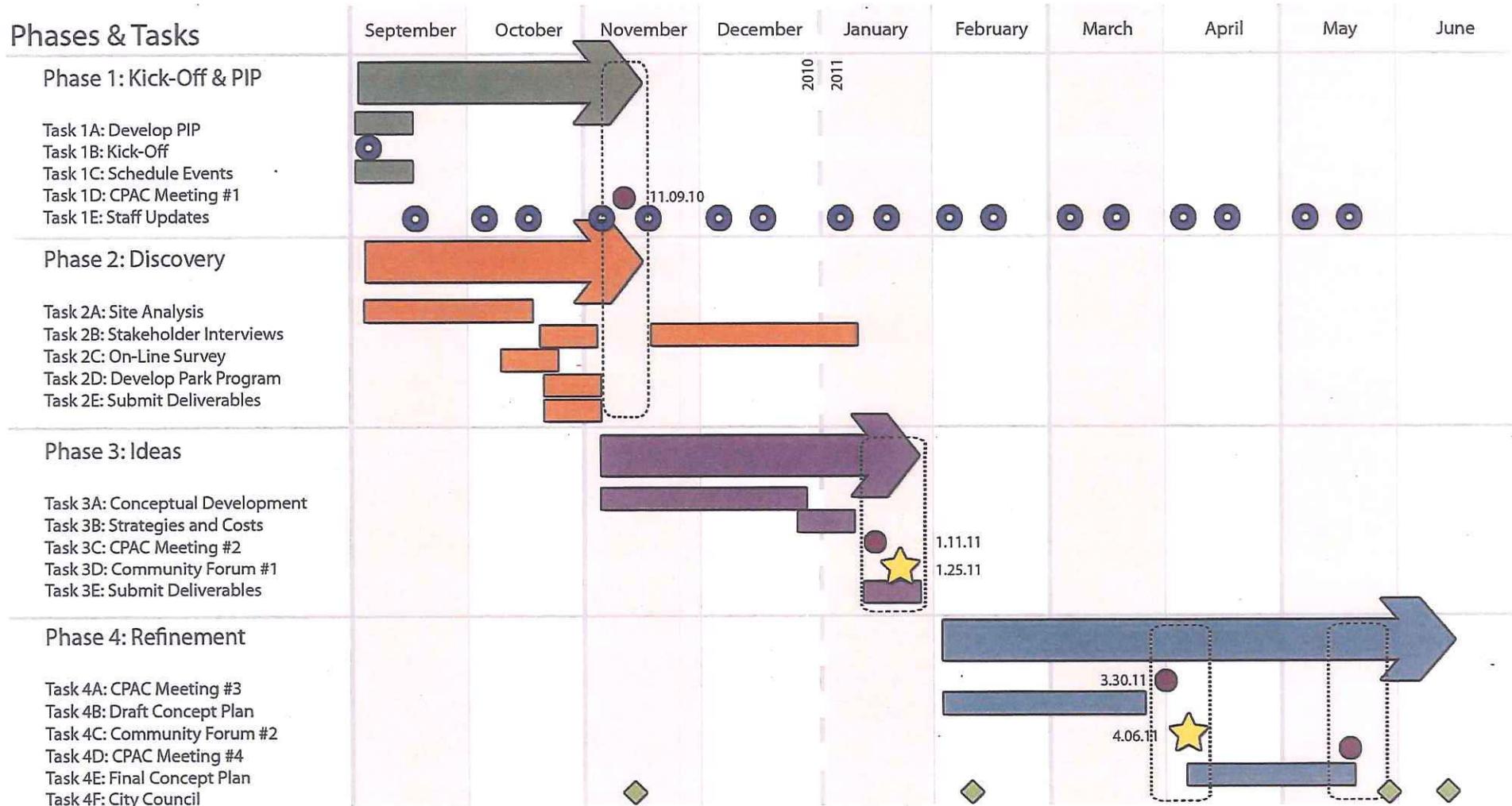
Development Frameworks & Conceptual Ideas

The Master Plan

Strategies, Phasing & Costs

# PROJECT OVERVIEW

Conduct a two step planning program beginning with 1.) a public engagement process to obtain opinions, recommendations and input from residents of Wildwood and 2.) interpret that information for the purposes of developing a conceptual plan for the property.



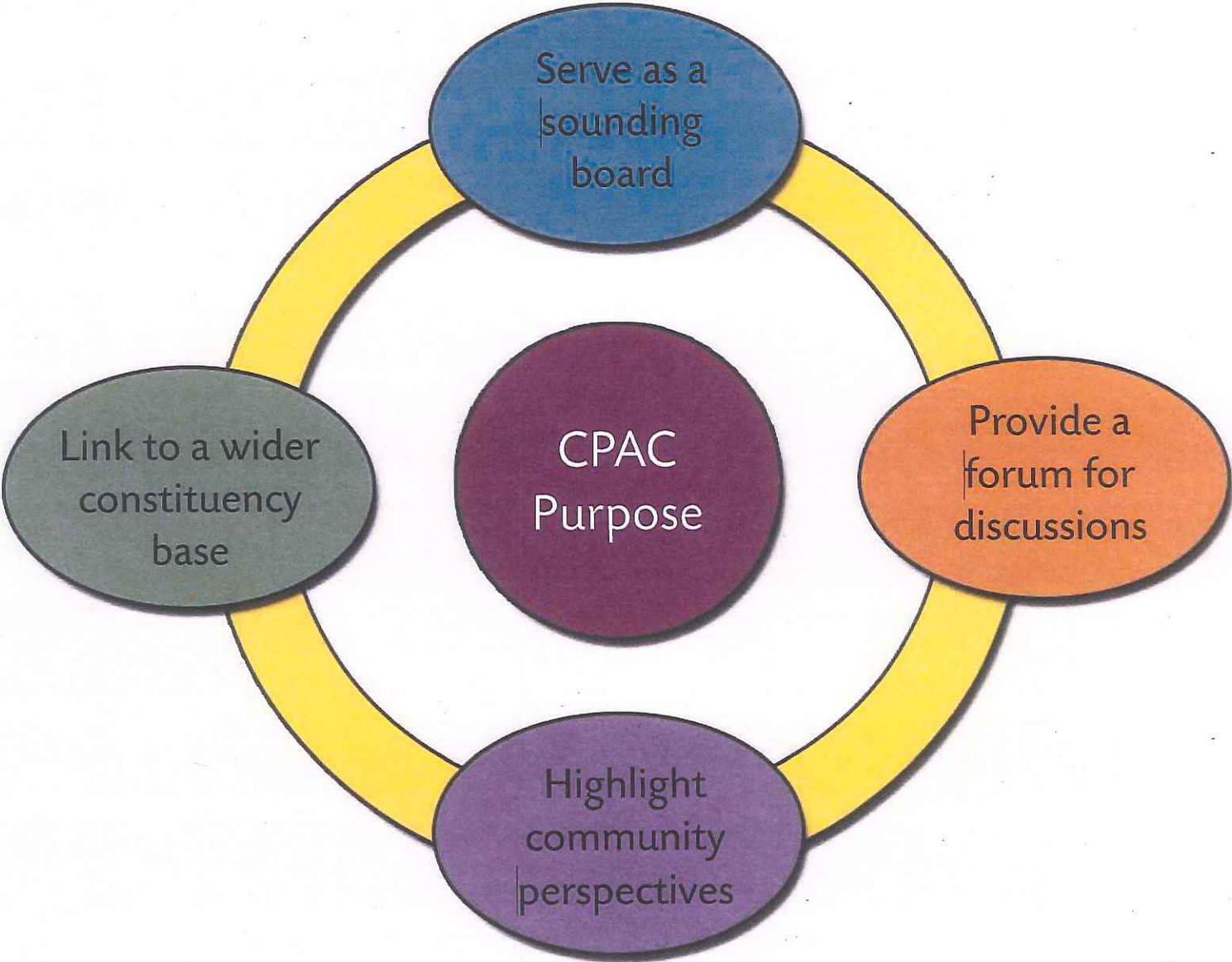
## DESIGN GOALS

- Restore, celebrate local ecologies – meadow, forest, and stream
- Create a cohesive series of park elements
- Create memorable places and spaces
- Design for all 4 seasons
- Design for low and high use (weekday, weekend, event)
- Flexible Structure for future adaptation
- Consider phasing opportunities
- Accessibility

## PLANNING PRINCIPLES (per Wildwood Survey)

- Connectivity to Wildwood Trails
- Protect and enhance existing streams
- Create space for community activities
- Protect wildlife
- Low maintenance
- Minimize stormwater runoff
- Protect and restore native ecologies
- Connect to surrounding neighborhoods
- Mitigate effects of park lighting and noise

# Roles & Responsibilities



## Roles & Responsibilities

### What is the Community Park Advisory Committee or CPAC?

Consist of 18-20 Wildwood residents representing demographic attributes, such as gender, age, family orientation and recreational interests; and formed to assist the technical team (consultants and city administrators) as it develops the community park master plan.

### What is the CPAC's purpose?

- Serve as a sounding board for the community by providing feedback on study information and choices;
- Provide a forum for collaborative discussions regarding specific project issues;
- Help the consulting team and client prepare for public meetings by highlighting community issues, concerns and perspectives; and
- Link the consulting team to a wider constituency base by transmitting information about the project to groups that they represent.

### What will be my roles and responsibilities as a CPAC member and for how long?

- Represent the various perspectives of residents by sharing preferences, desires and concerns openly regarding the new community park;
- Serve in an advisory capacity by recommending ideas to the project team;
- Attend and prepare for CPAC meetings.
- Identify key subdivision, neighborhood and community organizations as conduits for information dissemination;
- Facilitate ongoing, two-way communication between citizens and the consulting team; and
- Assist the consulting team in tracking local community feedback and providing citizens with updates regarding how their input and ideas are being incorporated into the master plan.

### What can I expect from the technical team?

- Provide information, in a timely manner;
- Answer questions and provide information, so that you can be a productive CPAC member;
- Listen to your desires, issues and concerns and consider them as the master plan is developed and discussed with the Wildwood residents; and
- Host meetings in a prompt fashion (within stated timeframe) with light refreshments.

**COMMUNITY PARK ADVISORY COMMITTEE  
(CPAC) 17 members**

**Ward One**

Veronica Leach  
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**Ward Three**

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**Ward Five**

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**Ward Six**

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**Member At-Large**

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## COMMUNITY PARK ADVISORY COMMITTEE

### Council Liaisons

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### Staff

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Joe Vujnich  
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### Design Team

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Project Manager  
Oates Associates, Inc.  
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314.588.8381 x15 office  
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Jessica Perkins  
Vector Communications

Breck Gastinger  
Nelson Byrd Woltz

Oates Associates  
Barb Anderson, RA  
Jeff Rensing, PE  
Phil Murphy, PE  
Sam Wrigley

Goals & Background

Site Photos & Site Analysis

Program

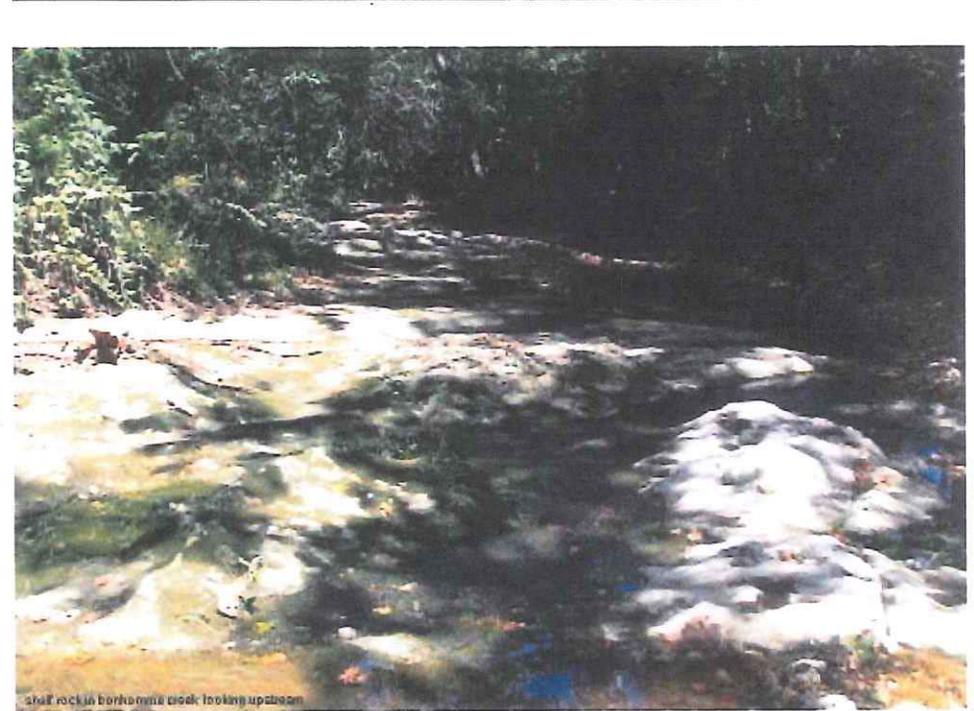
Comparable Projects

Public Participation

Development Frameworks & Conceptual Ideas

The Master Plan

Phasing & Costs









forest canopy east, hillside



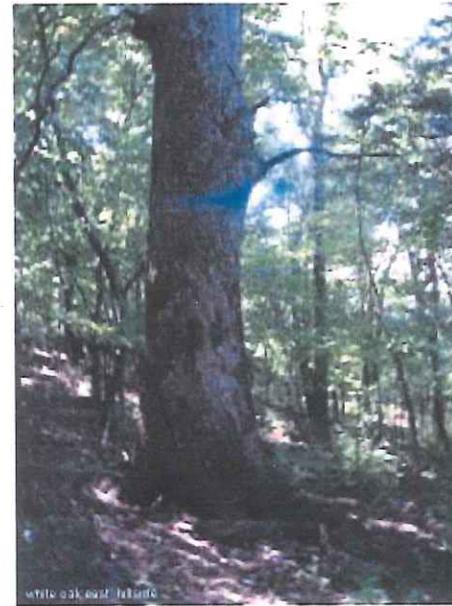
oyster



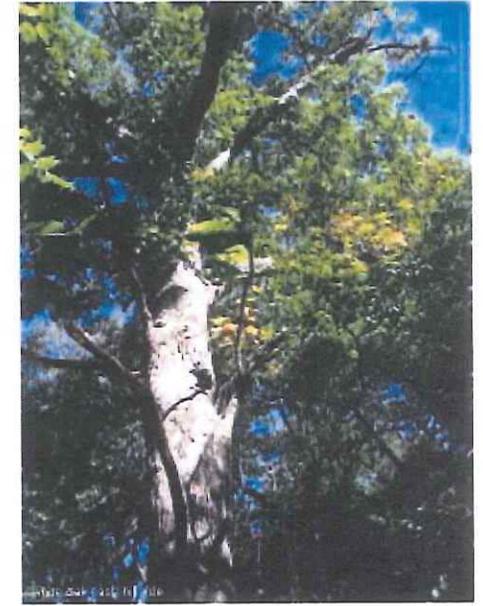
hillside rocks



white oak east, hillside



white oak east, hillside



white oak east, hillside



utility corridor along stream edge



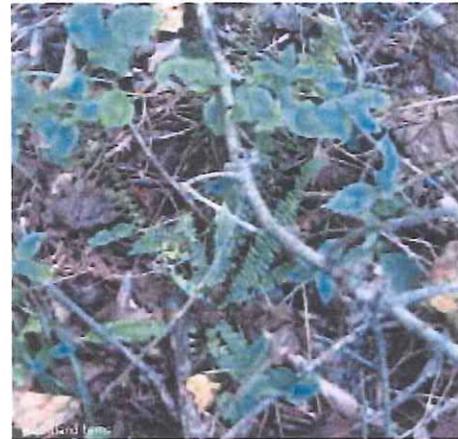
utility corridor along stream edge



utility corridor along stream edge



rounded hickory



hard maple



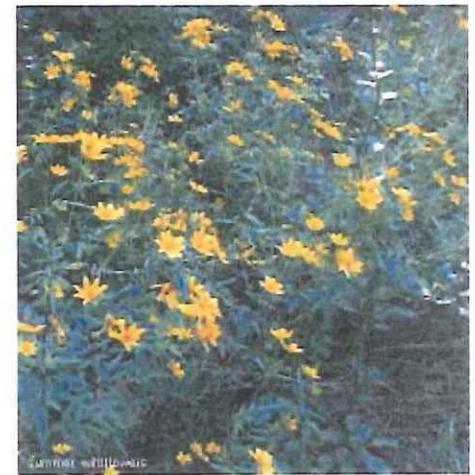
summer wildflower



forest opening edge



tree in woods



summer wildflower







meadow near Kolong south



meadow edge near creek bank



meadow grasses



meadow wildflowers



meadow wildflowers



meadow near Kolong north



view south from old road entry of Hwy 100



view east from old road entry of Hwy 100



view east from old road entry of Hwy 100



pond view from road looking west



pond view from road looking west



utility corridor northeast corner of site



bike trail at Hwy 100 and 105



view of school park at windsor crest



bike path on windsor meadow blvd



windsor crest blvd



view east on la pargne drive



view north on lafayette trails drive



view from area of storm tank



view from storm tank



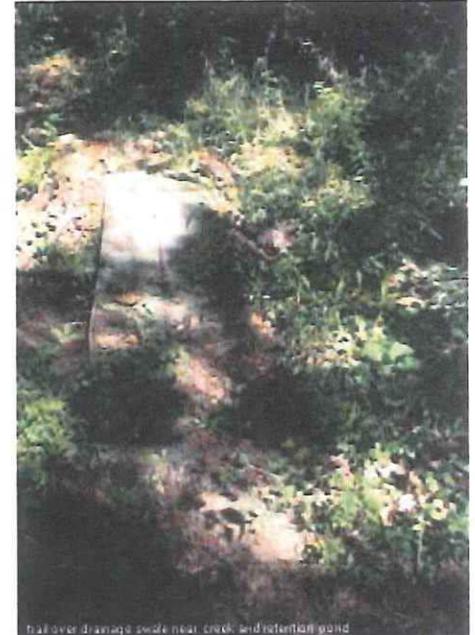
view from storm tank



view from storm tank

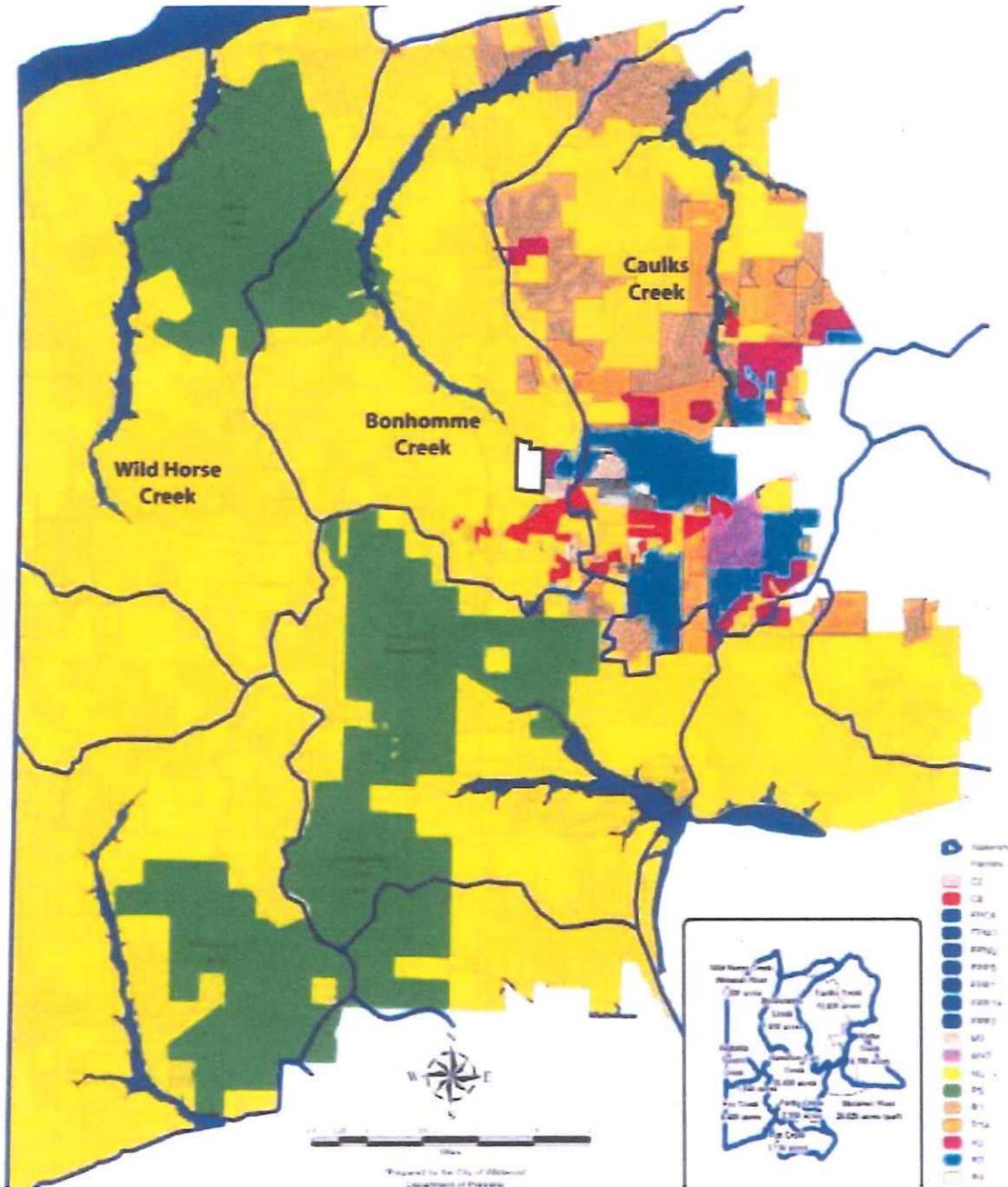


view from storm tank

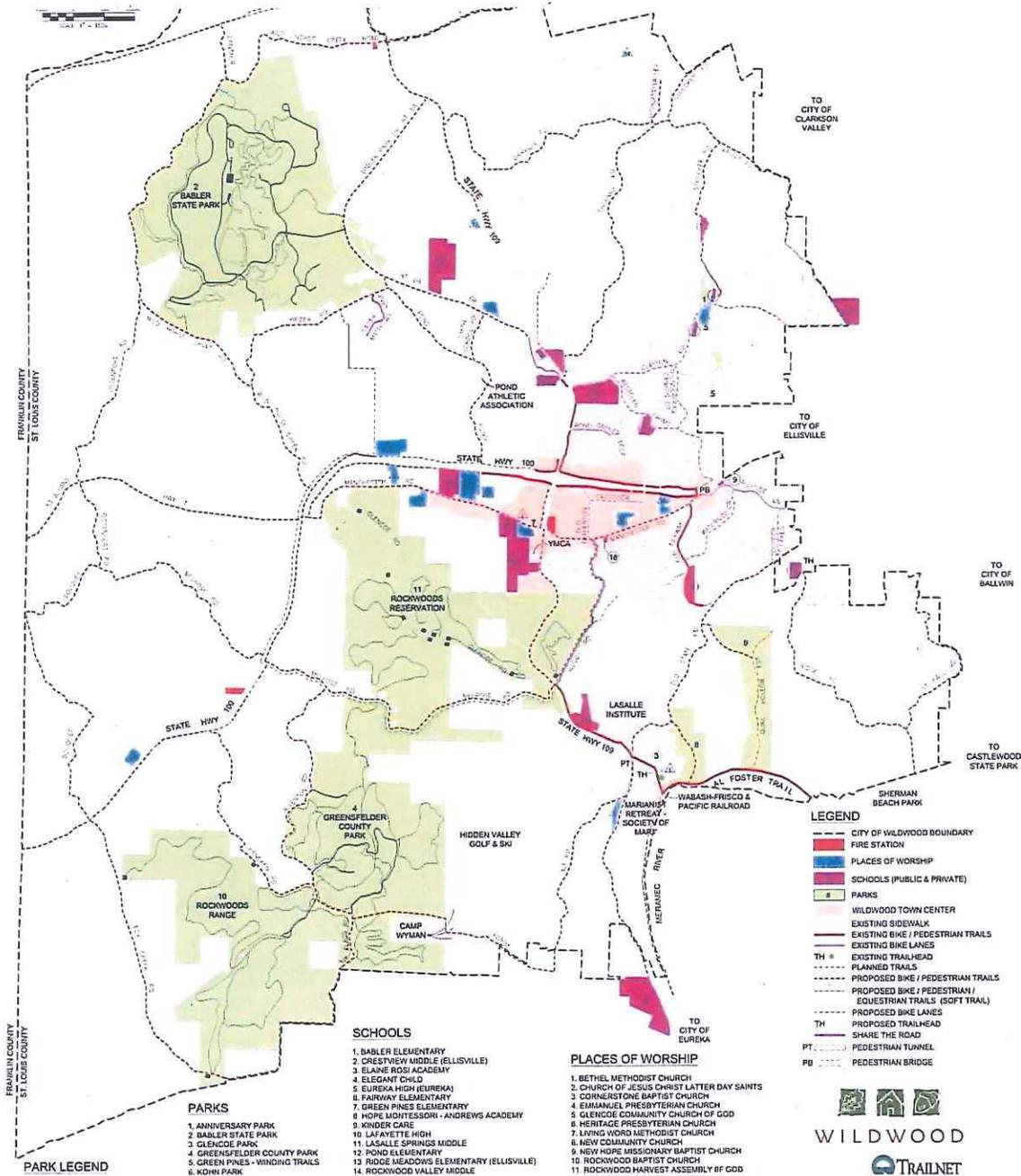


trail over drainage swale near creek and retention pond

# REGIONAL CONTEXT



# TRAILS MASTER PLAN



FRANKLIN COUNTY  
ST. LOUIS COUNTY

TO CITY OF CLARKSON VALLEY

TO CITY OF ELLERSVILLE

TO CITY OF BALLWIN

TO CASTLEWOOD STATE PARK

TO CITY OF EUREKA

### PARKS

1. ANNIVERSARY PARK
2. BABLER STATE PARK
3. GLENCOE PARK
4. GREENSFELDER COUNTY PARK
5. GREEN PINES - WINDING TRAILS
6. KIDDIY PARK

### SCHOOLS

1. BABLER ELEMENTARY
2. CRESTVIEW MIDDLE (ELLSVILLE)
3. ELAINE ROSS ACADEMY
4. ELEGANT CHILD
5. EUREKA HIGH (EUREKA)
6. FAIRWAY ELEMENTARY
7. GREEN PINES ELEMENTARY
8. HOPE MONTESSORI - ANDREWS ACADEMY
9. KINDER CARE
10. LAFAYETTE HIGH
11. LASALLE SPRINGS MIDDLE
12. POND ELEMENTARY
13. RIDGE MEADOWS ELEMENTARY (ELLSVILLE)
14. ROCKWOOD VALLEY MIDDLE

### PLACES OF WORSHIP

1. BETHEL METHODIST CHURCH
2. CHURCH OF JESUS CHRIST LATTER DAY SAINTS
3. CORNERSTONE BAPTIST CHURCH
4. EMANUEL PRESBYTERIAN CHURCH
5. GLENCOE COMMUNITY CHURCH OF GOD
6. HERITAGE PRESBYTERIAN CHURCH
7. LIVING WORD METHODIST CHURCH
8. NEW COMMUNITY CHURCH
9. NEW HOPE MISSIONARY BAPTIST CHURCH
10. ROCKWOOD BAPTIST CHURCH
11. ROCKWOOD HARVEST ASSEMBLY OF GOD

- ### LEGEND
- CITY OF WILDWOOD BOUNDARY
  - FIRE STATION
  - PLACES OF WORSHIP
  - SCHOOLS (PUBLIC & PRIVATE)
  - PARKS
  - WILDWOOD TOWN CENTER
  - EXISTING SIDEWALK
  - EXISTING BIKE / PEDESTRIAN TRAILS
  - EXISTING BIKE LANES
  - TH ■ EXISTING TRAILHEAD
  - PLANNED TRAILS
  - PROPOSED BIKE / PEDESTRIAN TRAILS
  - PROPOSED BIKE / PEDESTRIAN / EQUESTRIAN TRAILS (SOFT TRAIL)
  - PROPOSED BIKE LANES
  - TH ■ PROPOSED TRAILHEAD
  - SHARE THE ROAD
  - PT ■ PEDESTRIAN TUNNEL
  - PB ■ PEDESTRIAN BRIDGE



# REGIONAL CONTEXT

POND ATHLETIC ASSOCIATION

LAFAYETTE HIGH SCHOOL

GREEN PINES SCHOOL

HWY 109

HWY 100

WILDWOOD MIDDLE SCHOOL  
Wildwood, MO

TOWN CENTER

POND ELEM SCHOOL

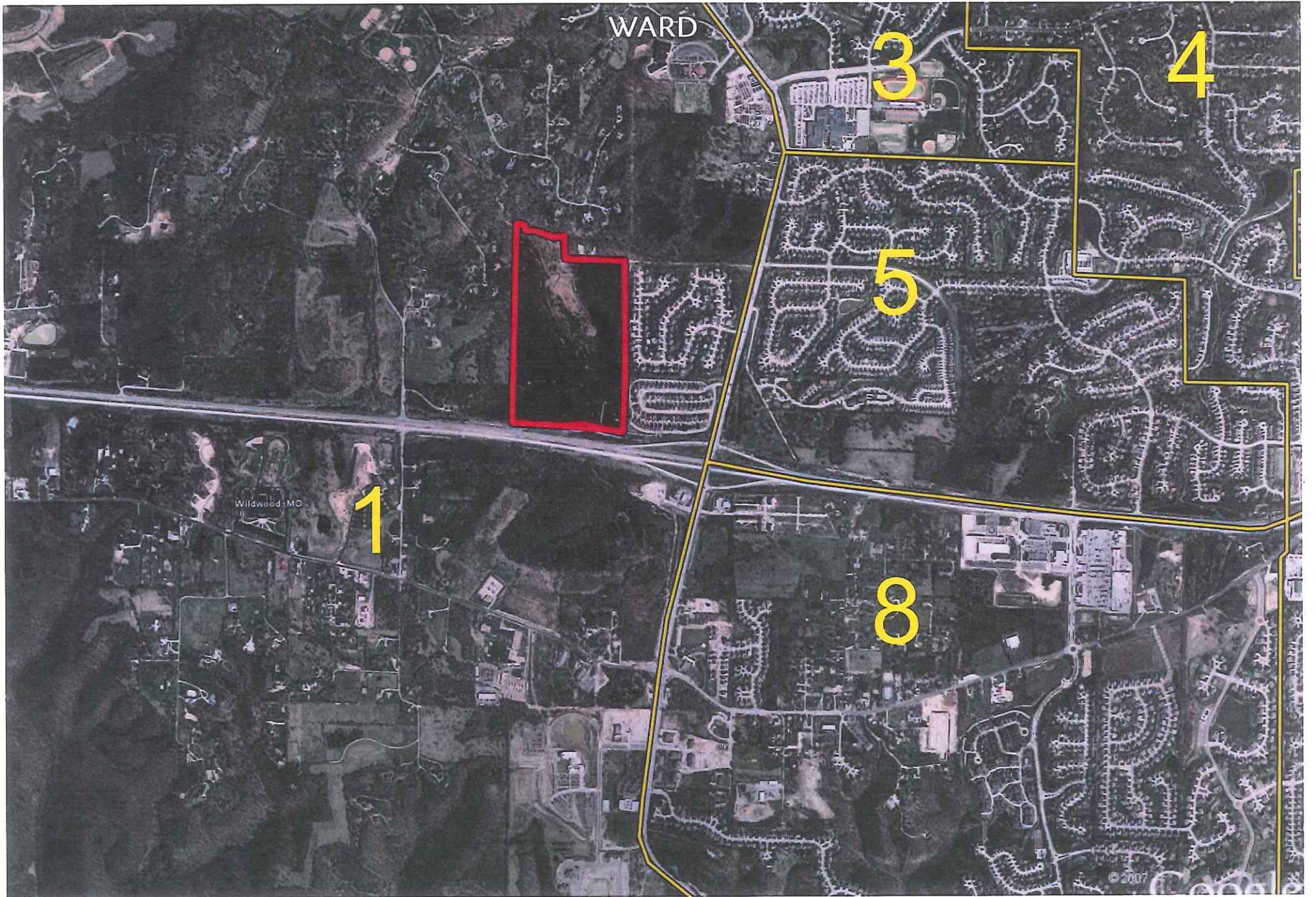
ST. LOUIS COMMUNITY COLLEGE

YMCA

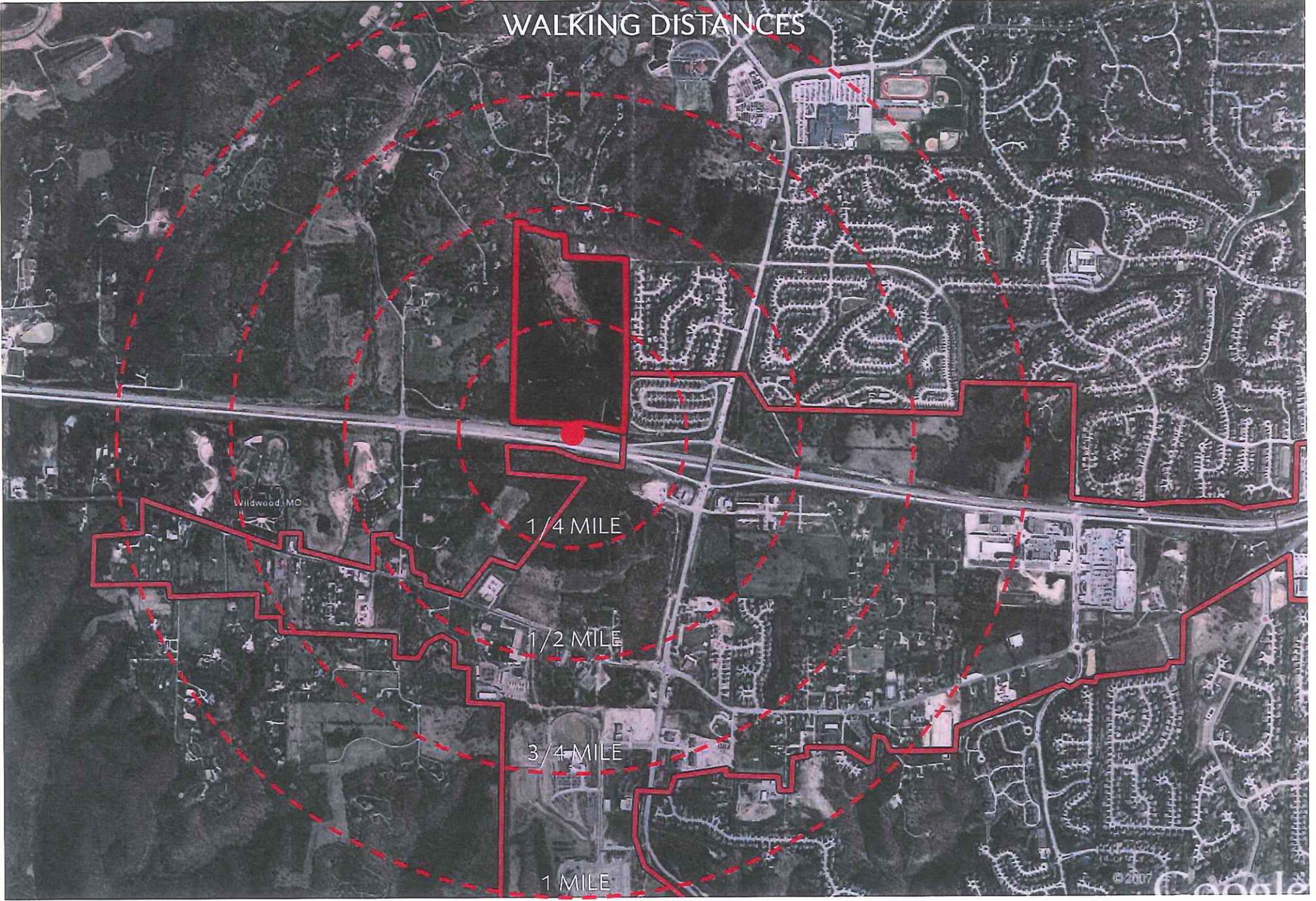
ROCKWOOD SCHOOL

ROCKWOOD RESERVATION





# WALKING DISTANCES



TREE COVERAGE circa 1958



+ SYCAMORES

WHITE OAKS +

TREE COVERAGE circa 1986



DECIDUOUS TREE COVERAGE 2010



EVERGREEN TREE COVERAGE 2010



+ EASTERN RED CEDAR

TREE COVERAGE 2010



# SITE AERIAL PHOTOGRAPH



66 ACRES... SCALING GRID 208 x 208

SITE DIMENSIONS  
1/4 MILE X 1/2 MILE  
1,320' X 2,640' (roughly)  
ACRE: 43,560 SF 208 X 2

ACRE



# BonHomme Creek and Site Drainage

3/4 ACRE POND  
3/4 + MILE LONG CREEK

+ SHELF ROCK

POND



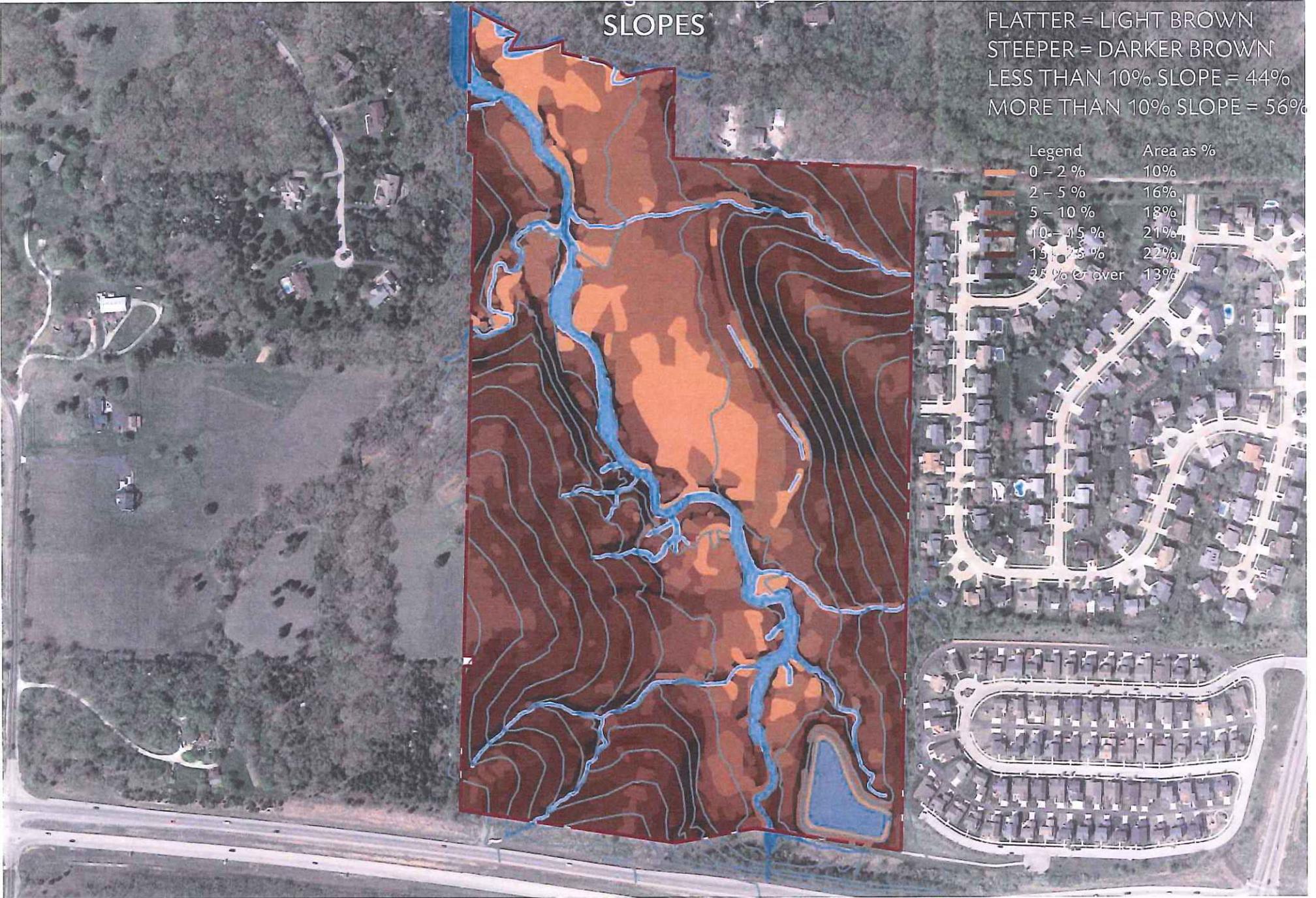
# TOPOGRAPHY



# SLOPES

FLATTER = LIGHT BROWN  
STEEPER = DARKER BROWN  
LESS THAN 10% SLOPE = 44%  
MORE THAN 10% SLOPE = 56%

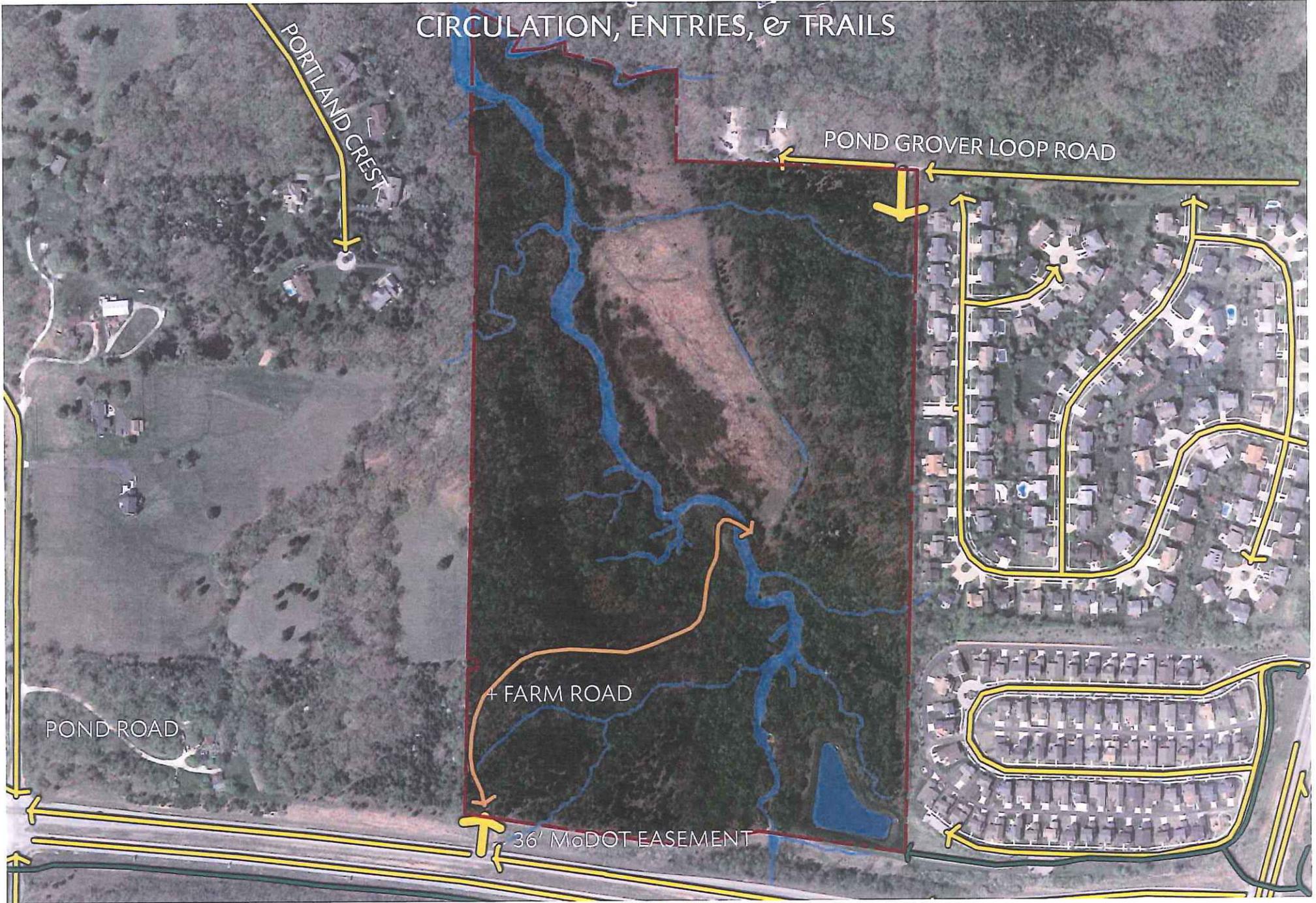
Legend	Area as %
0 - 2 %	10%
2 - 5 %	16%
5 - 10 %	18%
10 - 15 %	21%
15 - 25 %	22%
25 % or over	13%



# TREE HABITAT & COVERAGE



# CIRCULATION, ENTRIES, & TRAILS



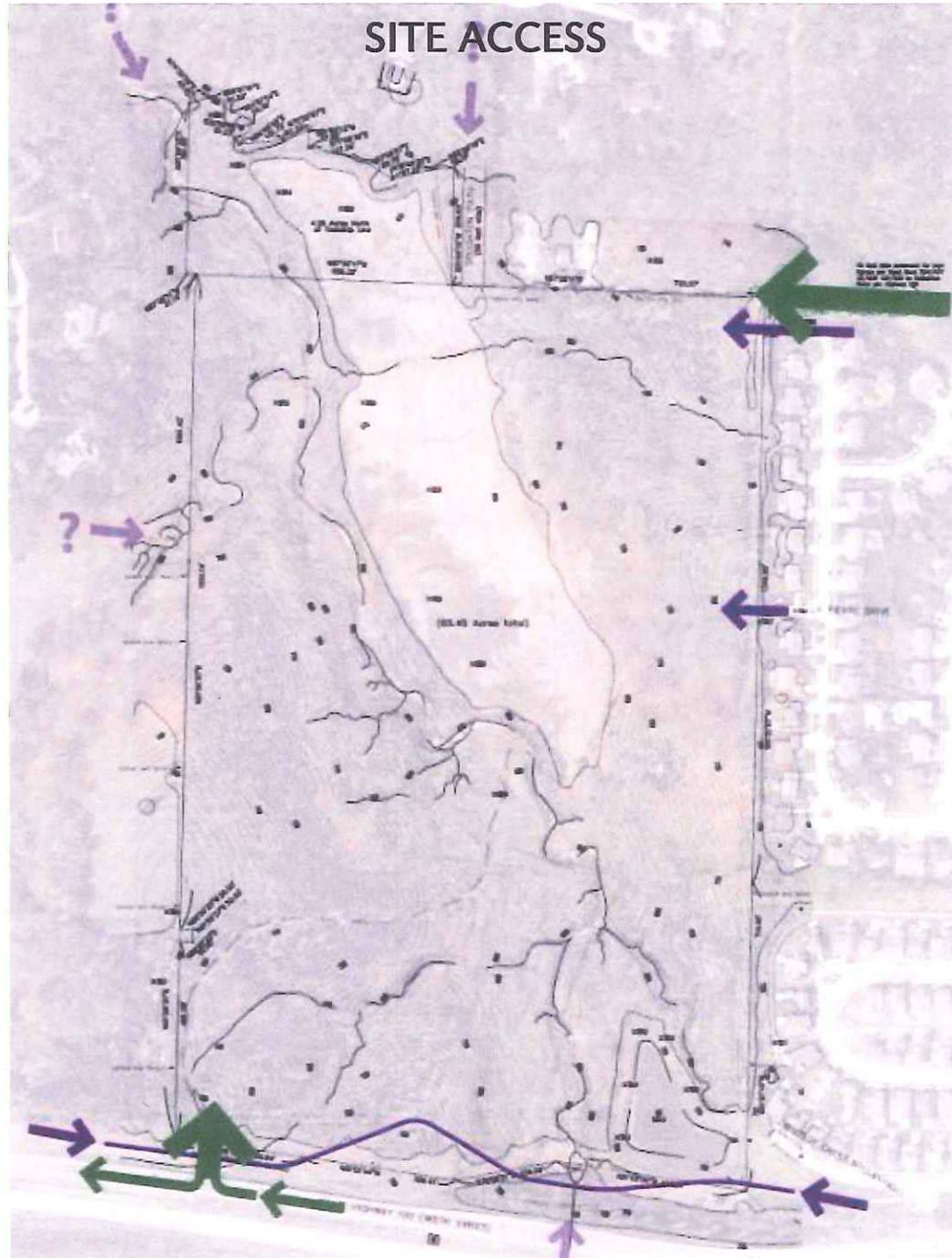
# SITE ACCESS



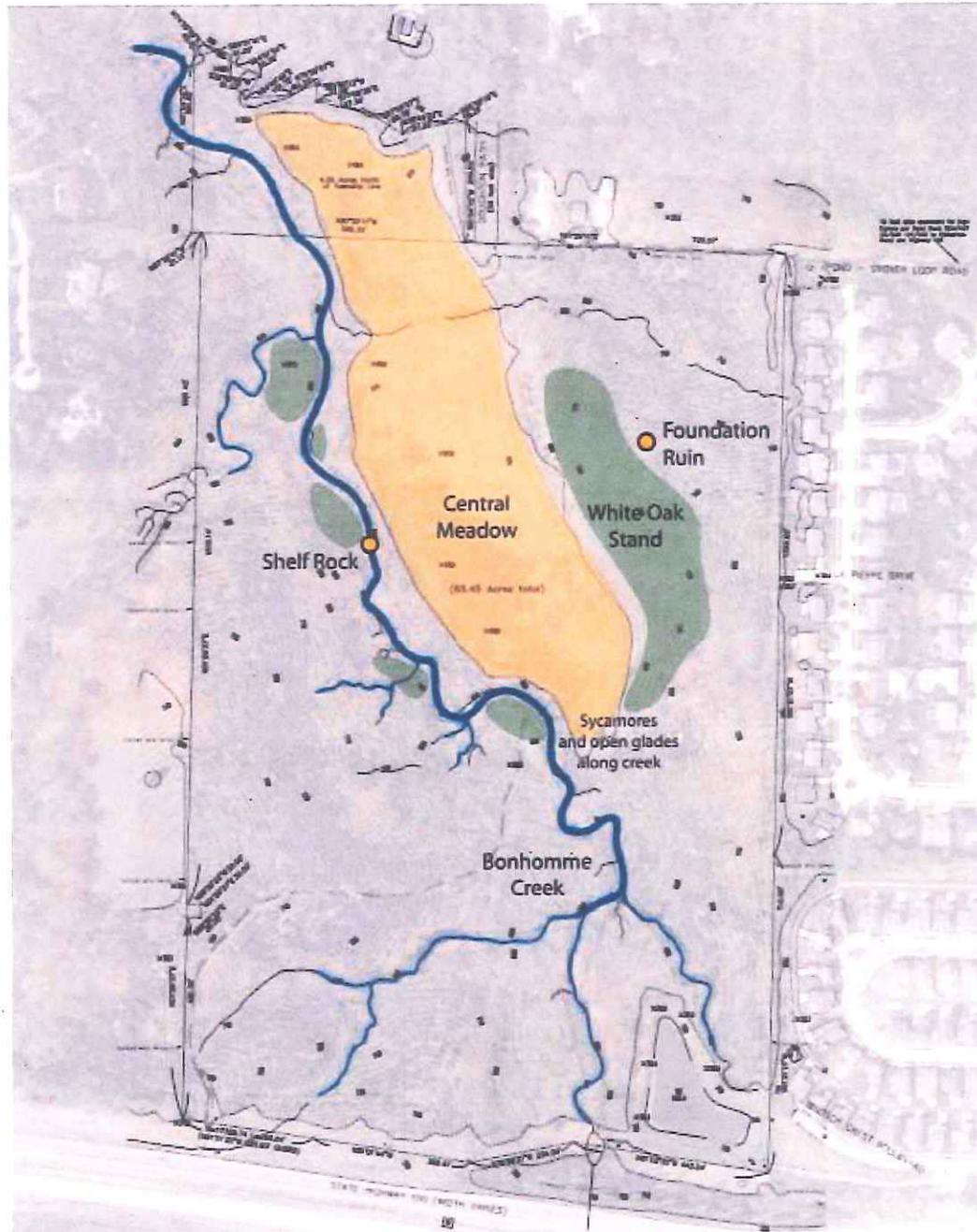
## Site Access

Wildwood Community Park Conceptual Plan

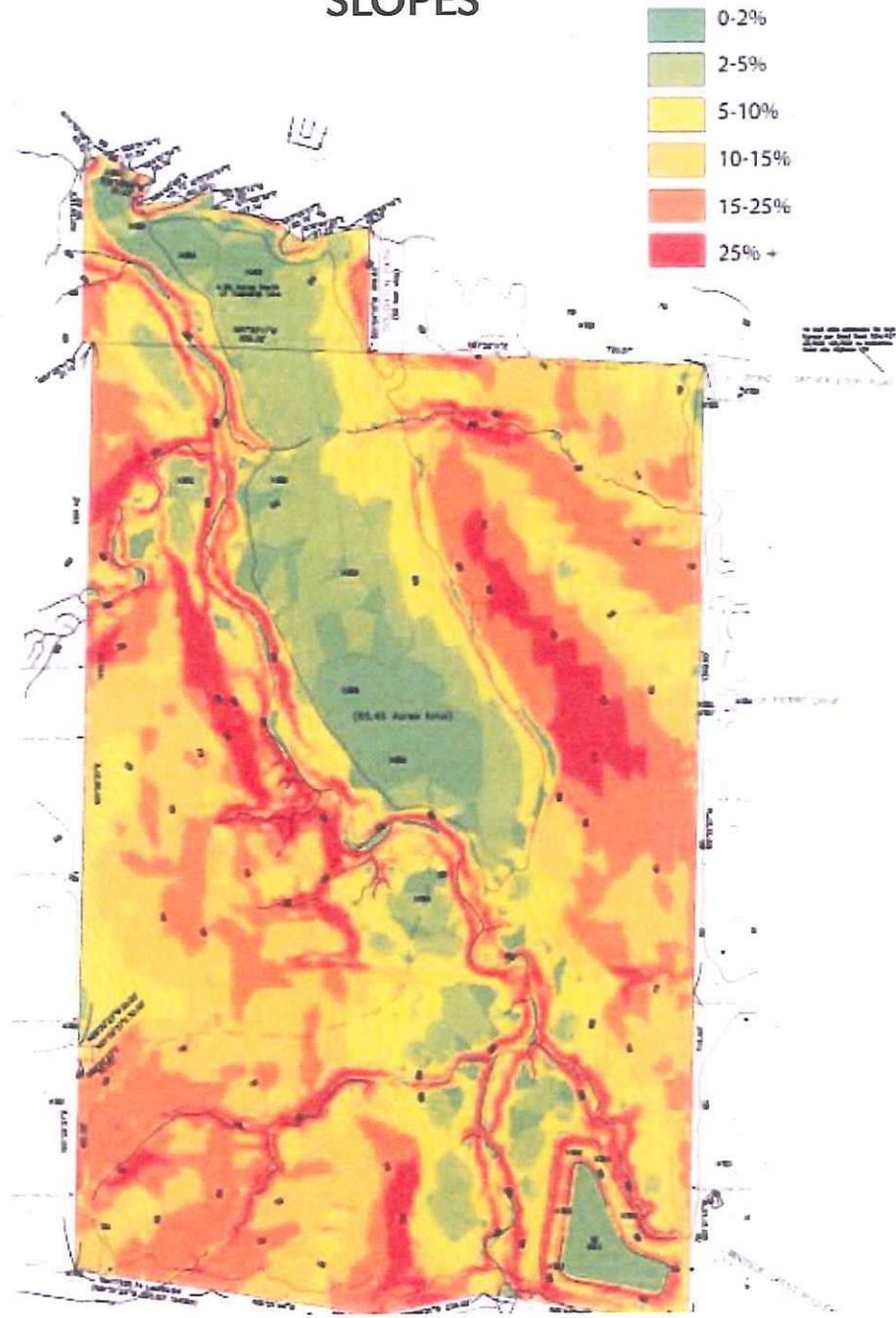
# SITE ACCESS



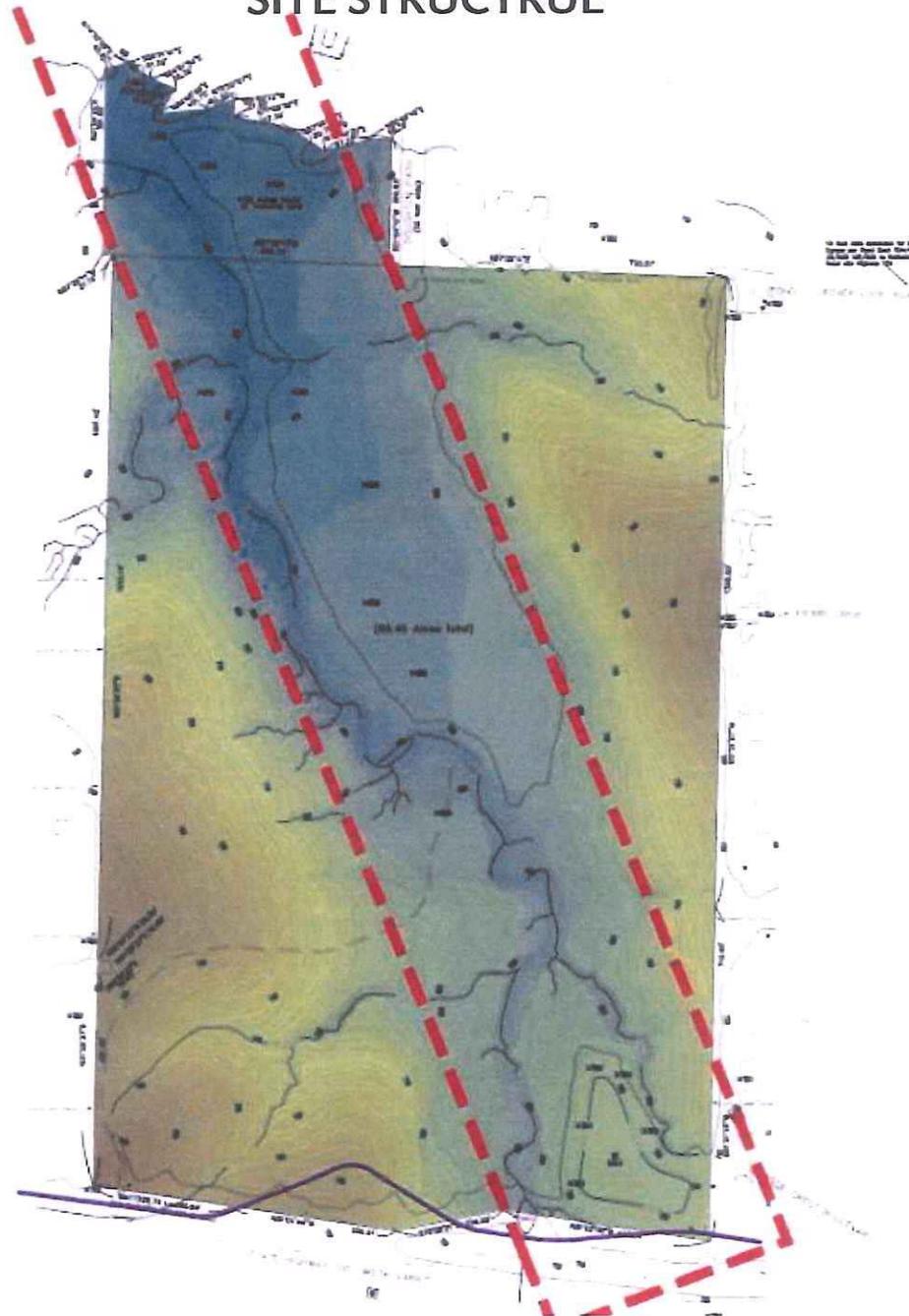
# SITE HIGHLIGHTS & ASSETS



# SLOPES



# SITE STRUCTURE



Goals & Background

Site Photos & Site Analysis

**Program**

Comparable Projects

Public Participation

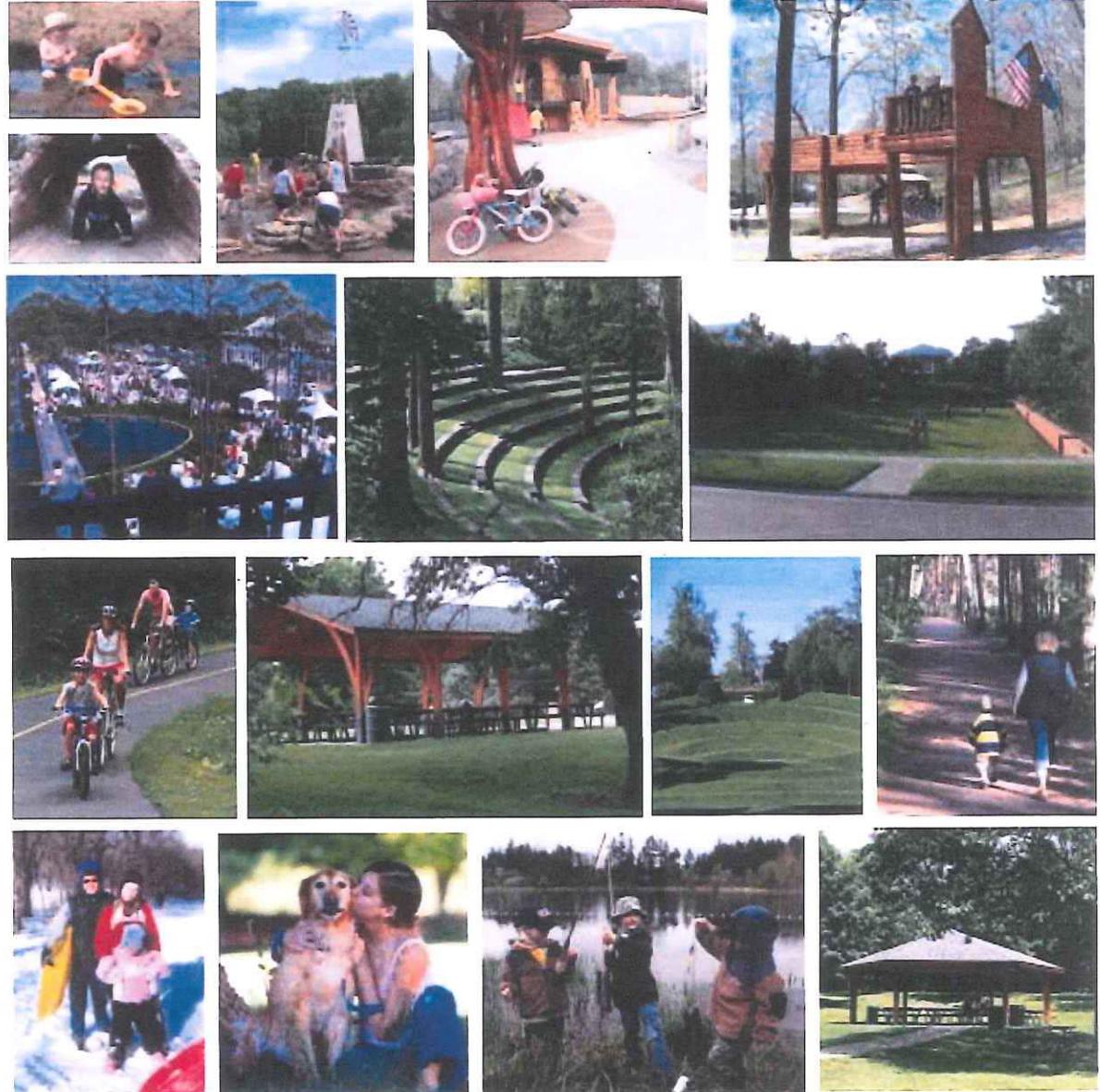
Development Frameworks & Conceptual Ideas

The Master Plan

Phasing & Costs

## INITIAL PARK PROGRAM IDEAS

- Playgrounds
- Open Space Play Areas
- Natural Environment
- Community Gathering Place
- Multi-Use Trails
- Pavilions & Picnic Areas
- Fishing Lake
- Sledding Hills



# ACTIVE AMENITIES – PRIMARY ELEMENTS

## DECISION MAKING CRITERIA

### ACTIVE AMENITIES PRIMARY ELEMENTS

 Multi-Use Trails pedestrians & cyclists

 Sledding Hill

 School-age Playground

 Open Play Lawn

 Stocked Fishing Lake

 Single-Use Trails pedestrians

 Toddler Playground

### PASSIVE AMENITIES PRIMARY ELEMENTS

 Park Pavilions

 Trail Connections

to Major Destinations

 Amphitheater

 Natural Open Play Lawn

 BBQ Pits

 Trail Connections

to Neighborhoods

## ACTIVE AMENITIES – RESPONSES AT-A-GLANCE

### GREAT IMPORTANCE PRIMARY ELEMENTS

### AVERAGE MODERATELY PREFERRED

### LEAST PREFERRED

 Multi-Use Trails pedestrians & cyclists

Swimming Pool

Volleyball Courts

 Sledding Hill

Basketball Courts

Rock Climbing Wall

 School-age Playground

Tennis Courts

Fitness Stations

 Open Play Lawn

Soccer Fields

Frisbee Golf

 Stocked Fishing Lake

Special Needs Playgrounds

Ropes Course

 Single-Use Trails pedestrians

Baseball Fields

Horseshoe Pits

 Toddler Playground

Single-Use Trails cyclists

Skateboard Park

Softball Fields

Equestrian Trails

## PASSIVE AMENITIES – RESPONSES AT-A-GLANCE

### GREAT IMPORTANCE PRIMARY ELEMENTS

 Park Pavilions

 Trail Connections

to Major Destinations

 Amphitheater

 Natural Open Play Lawn

 BBQ Pits

 Trail Connections

to Neighborhoods

### AVERAGE MODERATELY PREFERRED

Water Features

Space for Farmer's Market

Natural Wildflower Garden

Dog Park

Botanical Labeling of Plants

### LEAST PREFERRED

Public Art Sculptures

Interpretive Signage of Features

Butterfly Garden

Rain Garden

Vegetable Garden

Goals & Background

Site Photos & Site Analysis

Program

**Comparable Projects**

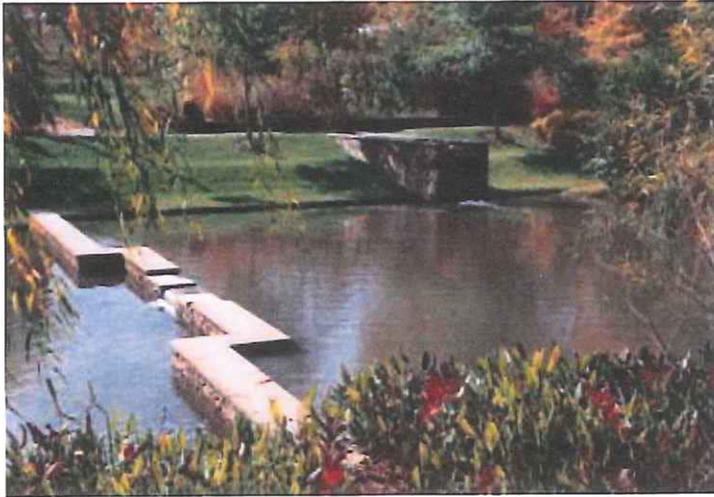
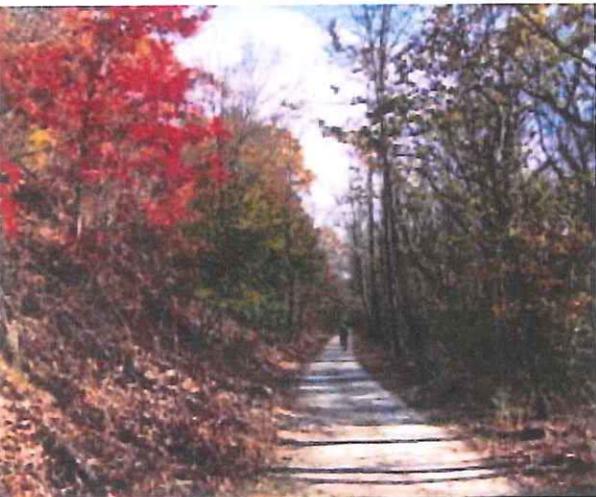
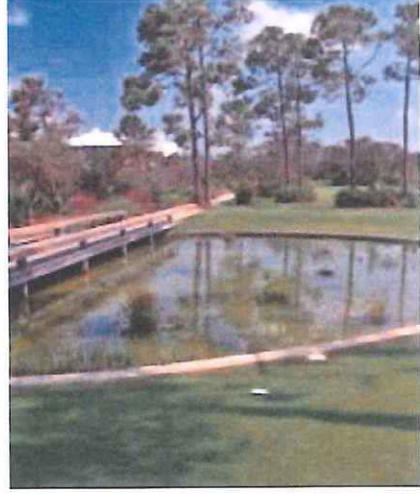
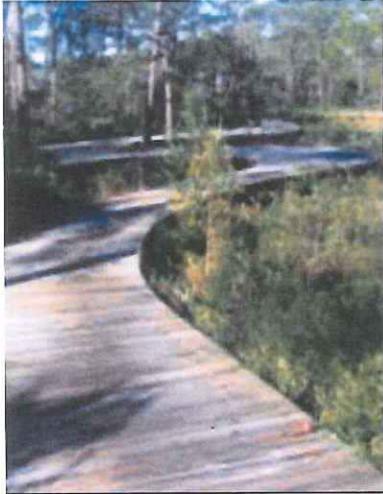
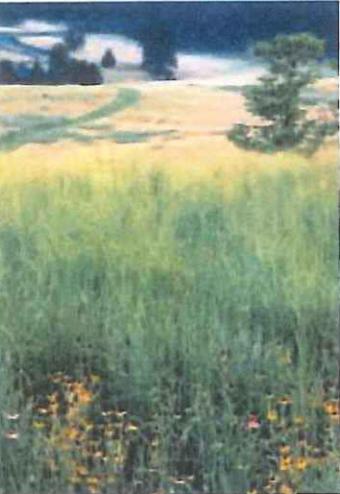
Public Participation

Development Frameworks & Conceptual Ideas

The Master Plan

Phasing & Costs

# PLANNING PRECEDENTS & IMAGES

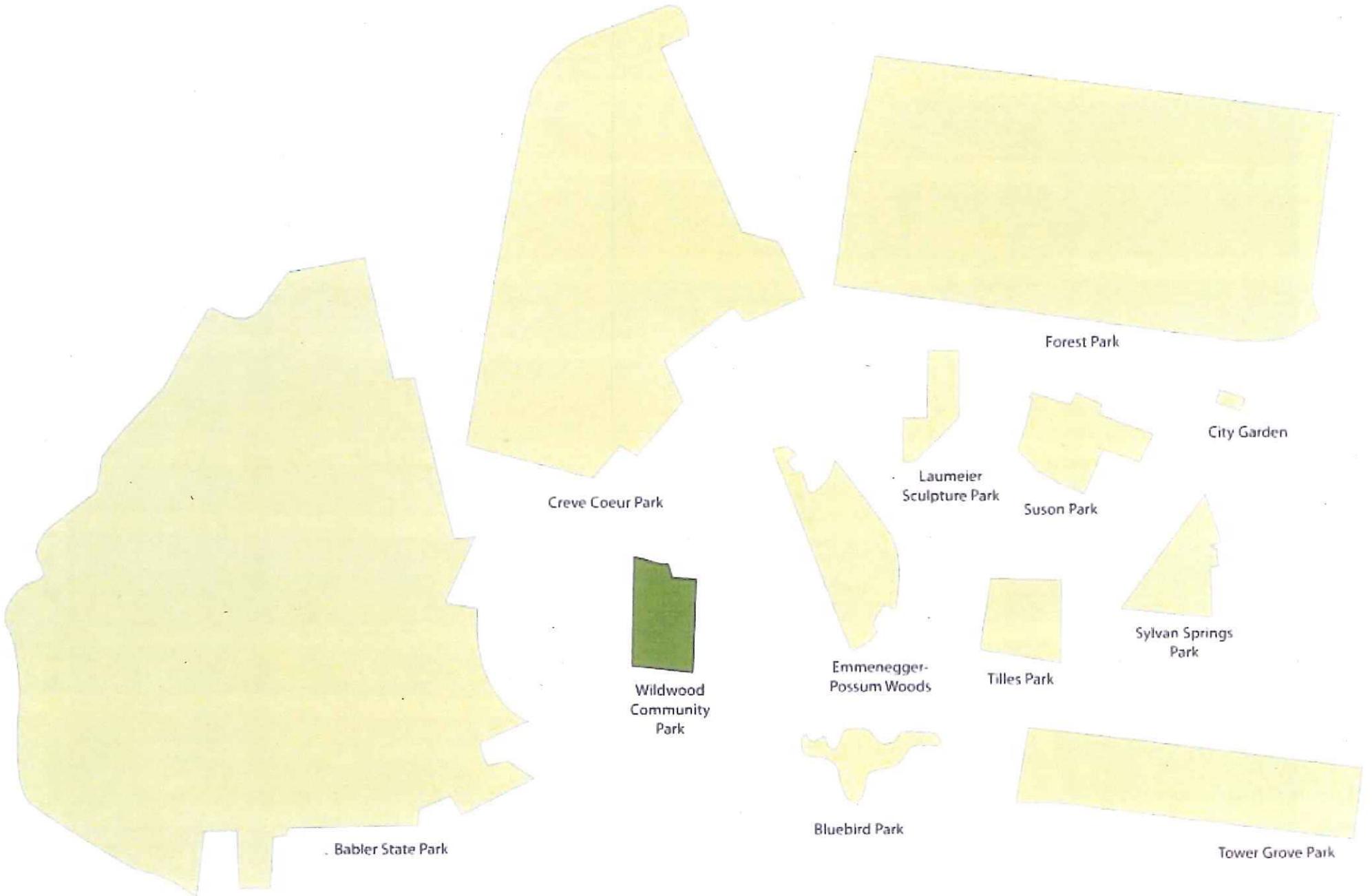


More Wild

More Urban



# SCALE COMPARISONS



Goals & Background

Site Photos & Site Analysis

Program

Comparable Projects

**Public Participation**

Development Frameworks & Conceptual Ideas

The Master Plan

Phasing & Costs

## CITIZENS COMMITTEE & SURVEY

**Programming:** Partner to provide a broad range of recreational services for a broad age group while avoid duplication.

**Facilities:** Expand commitments to the development of all types of trails and increase connections.

**Acquisition:** First action to be a parcel for a community park within the central city near 109 and 100.

**Funding:** Implement steps necessary to examine funding opportunities.

## 2007 CITIZEN SURVEY SUMMARY

Results used to evaluate the City's parks and recreation needs and determining how to address them in the future. Three thousand randomly selected Wildwood households were mailed the 2007 Citizen Survey, 1,020 responded.

### Results:

- Active vs. Passive use of new parkland: **56% active and 44% passive**
- Park and recreation offerings to the **broadest audience possible**, although the focus should be on meeting the needs of Wildwood residents and not on creating a regional attraction.
- **Acquiring additional greenways, open space and parks should be prioritized over developing recreation center** for indoor activities.
- Parks should offer a **variety of activities** to many different level of users, from beginner to very advanced.
- Playgrounds and additional larger community or regional parks were consider essential or very important by nearly 2/3 of respondents.
- Nearly half of respondents felt it was essential or very important to provide additional hiking trails or more pocket parks. Over a third felt it was important to develop a fishing lake, additional bbq areas, dog park, etc...
- Integrate **passive play areas and natural open space areas** into new park designs.

### Activities in Other Parks:

- Walking Paths
- Fitness Centers
- Playgrounds
- Hiking Trails
- Park Pavilions
- Swimming Pools
- Indoor Pools
- Bike Trails
- Outdoor Concerts and Plays
- Golf

### Current Activities in Wildwood Parks:

- Playgrounds
- Biking
- Hiking Trails

### Importance of Park Amenities:

- Playgrounds 69%
- Natural Land / Open Space 60%
- Multi-Use Trails 56%
- Picnic Areas 52%
- Fishing Lake 39%
- Dog Park 27%

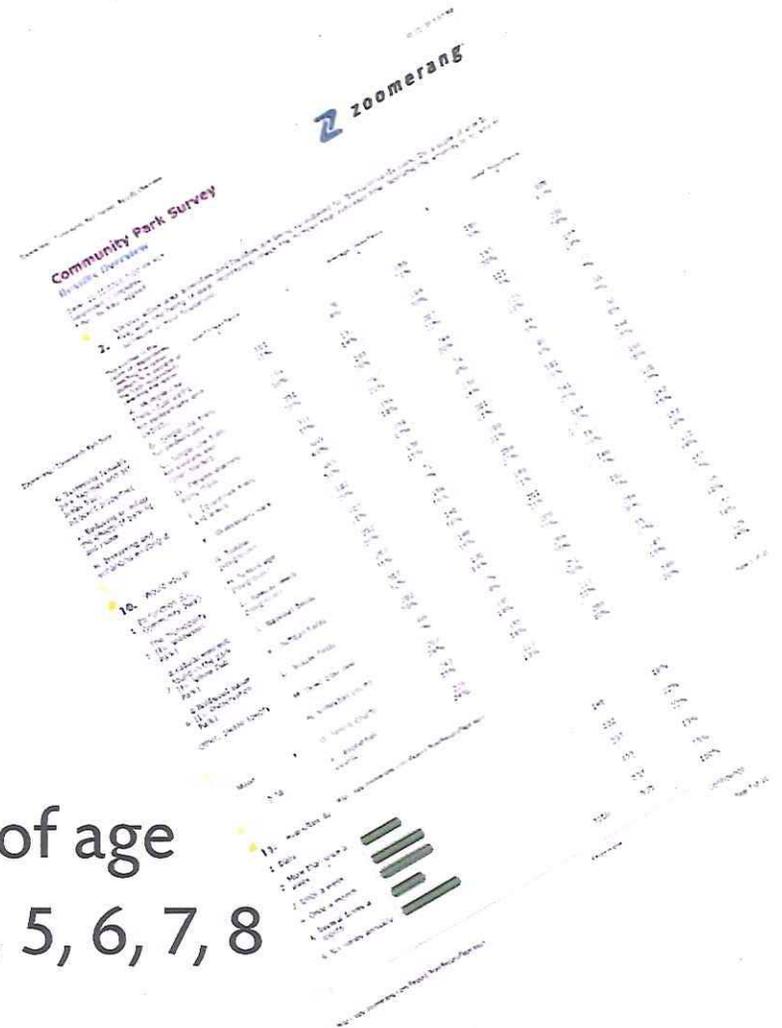
**Funding:** 52% supported tax increase, 66% general funds, 91% favored using grants and gifts, 47% favored user fees.

## 2010 ON-LINE SURVEY RESULTS & DISCUSSION

### Survey Demographics:

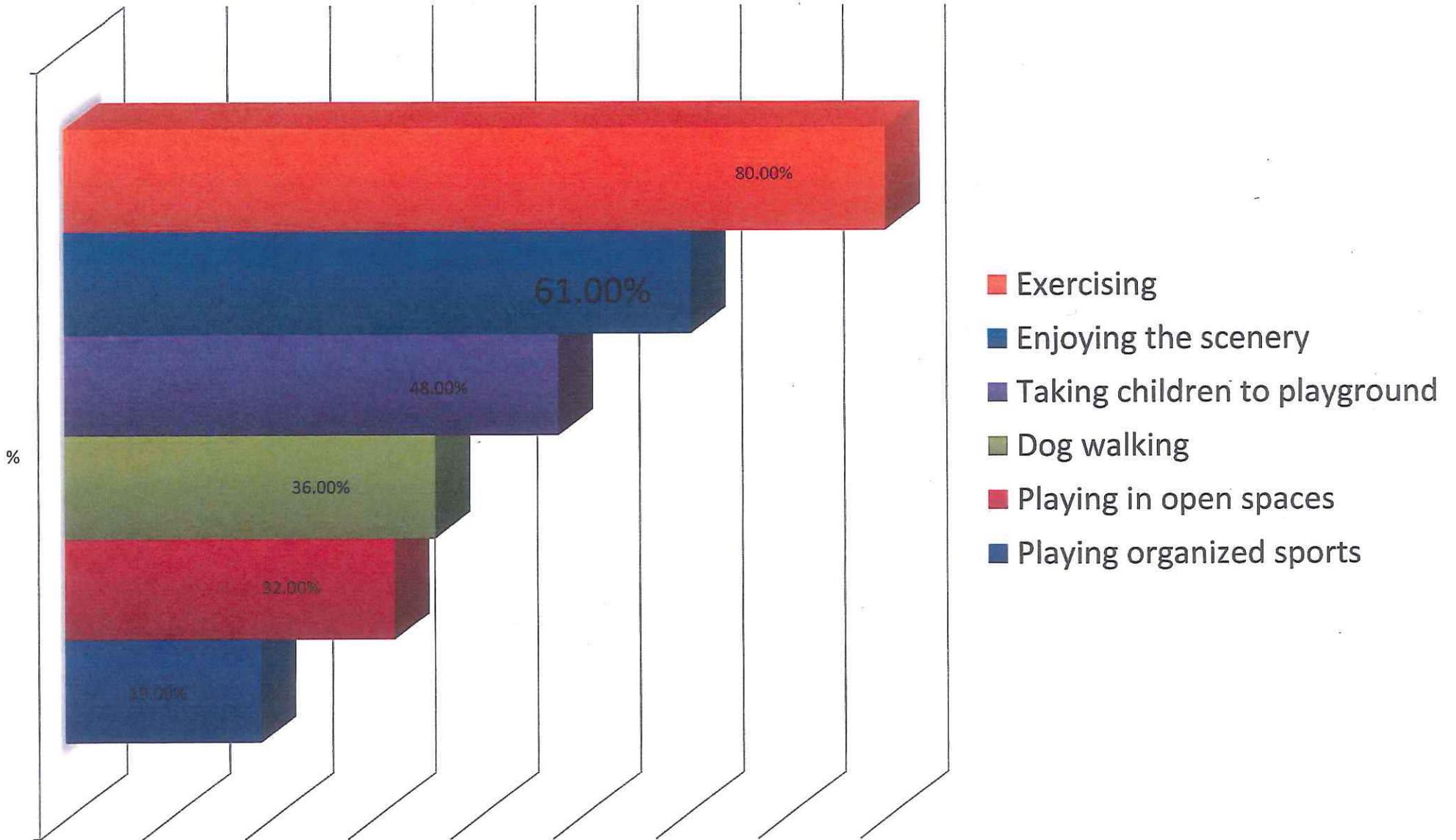
#### 985 Respondents

- 4% population; 9% households
- 53% live within a mile
- 40% frequent park users
- 65% have children
- 64% are between 35 and 54 years of age
- 40% identified as living in wards 4, 5, 6, 7, 8

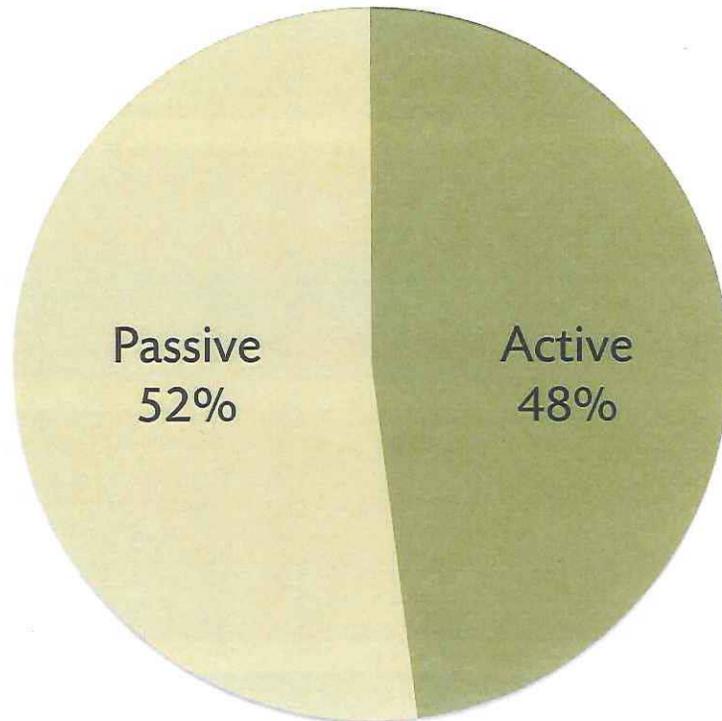


# 2010 ON-LINE SURVEY RESULTS & DISCUSSION

## CURRENT PARK USAGE



# Respondents Desire Slightly More Passive Recreational Space



- 44% rated passive higher than active
- 24% rated passive equal to active
- 32% rated active higher than passive

**2010 ON-LINE SURVEY RESULTS & DISCUSSION  
HIGHLY PREFERRED ACTIVE AMENITIES**

Active Amenities	Rating (5-pt scale)	% in Top 5
Multiple-use trails	3.72	53.4%
School-age playground	3.67	47.5%
Sledding hill	3.67	44.4%
Open play lawn	3.61	35.9%
Stocked fishing lake	3.33	42.7%
Single use trails for pedestrians	3.27	36.8%
Toddler playground	3.19	30.9%

**2010 ON-LINE SURVEY RESULTS & DISCUSSION  
HIGHLY PREFERRED PASSIVE AMENITIES**

Passive Amenities	Rating (5-pt scale)	% in Top 5
Park pavilions with picnic tables	4.13	72.3%
Trail connections to major destinations	3.80	51.1%
Outdoor amphitheater for concerts	3.72	54.4%
Natural open spaces (unprogrammed)	3.69	44.1%
BBQ pits (located near pavilions)	3.65	44.8%
Trail connections to neighborhoods	3.61	53.1%

## 2010 ON-LINE SURVEY RESULTS & DISCUSSION HIGHLY PREFERRED PASSIVE & ACTIVE AMENITIES

**Wildwood Community Park On-Line Survey  
Responses at-a-Glance**

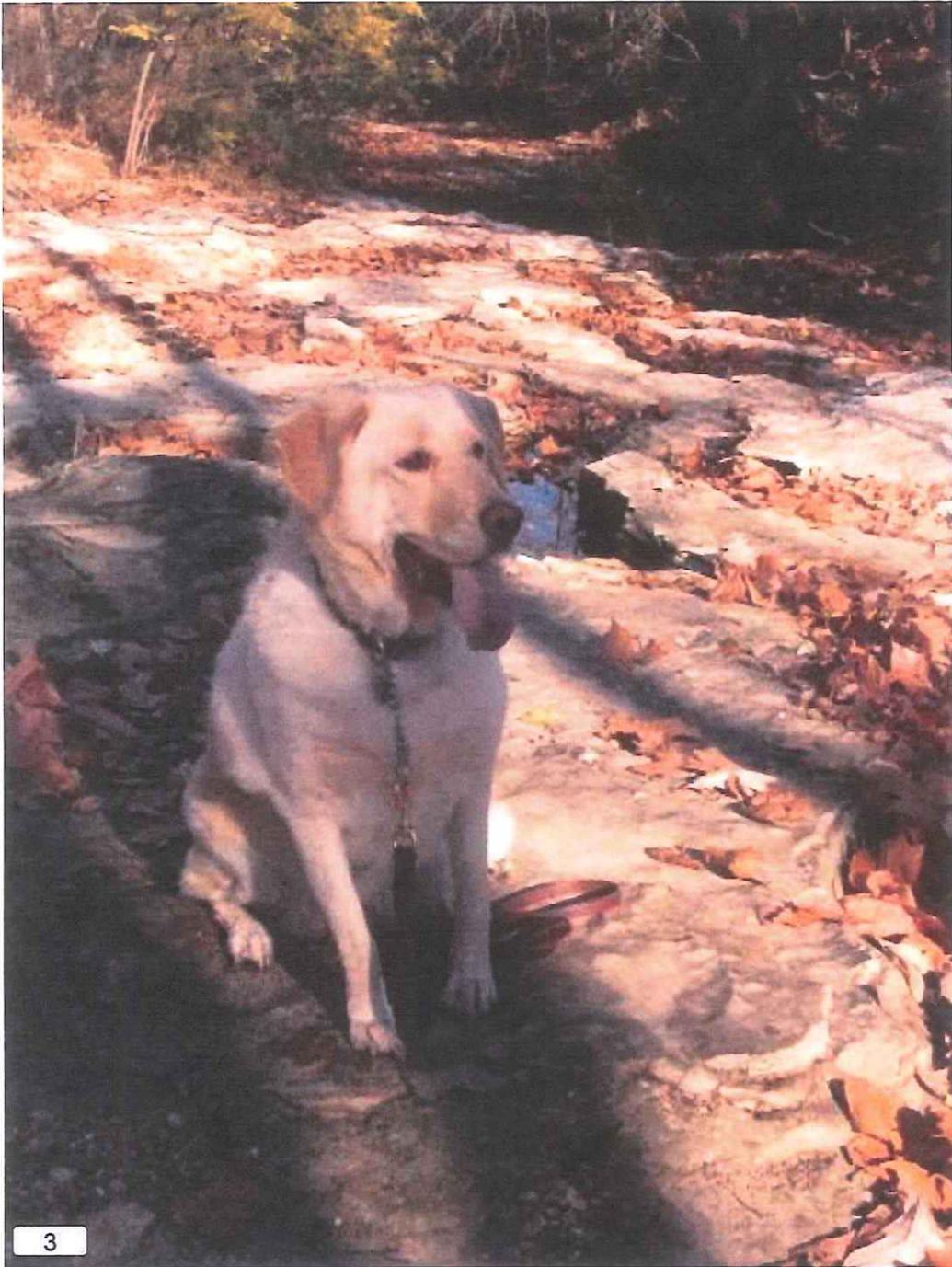
Category	Amenity or Principle	Rating (5 is high)	Top 5
Active	A. Multiple-use trails (dual paths for pedestrians and cyclists)	3.72	53.4%
Active	H. School-age playground	3.67	47.5%
Active	U. Sledding hill	3.67	44.4%
Active	M. Open play lawn	3.61	35.9%
Active	V. Stocked fishing lake	3.33	42.7%
Active	B. Single use trails for pedestrians	3.27	36.8%
Active	G. Toddler playground	3.19	30.9%
Active	O. Tennis courts	2.90	19.9%
Active	P. Basketball courts	2.90	14.4%
Active	L. Soccer fields	2.82	17.6%
Active	I. Special needs playground	2.78	11.0%
Active	J. Baseball fields	2.75	16.9%
Active	C. Single use trails for cyclists and roller bladers	2.70	21.2%
Active	K. Softball fields	2.69	13.8%
Active	N. Volleyball courts	2.67	11.3%
Active	Q. Rock climbing wall	2.57	11.8%
Active	D. Fitness stations along trails	2.47	11.2%
Active	T. Frisbee golf	2.37	9.0%
Active	R. High and low ropes course	2.31	8.6%
Active	S. Horseshoe pits	2.27	7.1%
Active	F. Skateboard park	2.10	12.1%
Active	E. Equestrian trails and arena	1.71	9.0%
Passive	E. Park pavilions with picnic tables	4.13	72.3%
Passive	B. Trail connections to major destinations	3.80	51.1%
Passive	D. Outdoor amphitheater for concerts	3.72	54.4%
Passive	G. Natural open spaces (unprogrammed)	3.69	44.1%
Passive	F. BBQ pits (located near pavilions)	3.65	44.8%
Passive	A. Trail connections to neighborhoods	3.61	53.1%
Passive	L. Water features	3.32	36.9%
Passive	P. Space for farmers' market	3.02	31.6%
Passive	J. Natural wildflower garden	2.86	22.7%
Passive	C. Dog park	2.78	34.4%
Passive	N. Botanical labeling of plants	2.75	9.0%
Passive	M. Public art sculptures	2.53	10.4%
Passive	Q. Interpretive signage of ecological features	2.53	5.3%
Passive	I. Butterfly garden	2.47	11.5%
Passive	H. Rain garden	2.39	7.0%
Passive	K. Vegetable garden	2.08	7.3%

**Wildwood Community Park On-Line Survey  
Responses at-a-Glance**

Category	Amenity or Principle	Rating (5 is high)	Top 5
Other	Restrooms	4.61	N/A
Other	Lighting	4.30	N/A
Other	Benches	4.29	N/A
Other	Drinking fountains	4.11	N/A
Other	Directional signage (overall park)	3.61	N/A
Other	Directional signage (along trails)	3.61	N/A
Other	Mileage markers (along trails)	3.50	N/A
Other	Bike racks	3.36	N/A
Other	Information kiosks	2.65	N/A

## STAKEHOLDER INTERVIEWS SYNOPSIS

- Wildwood YMCA: room for expansion and continued partnership
- Chesterfield: developing more athletic fields, dog park, & amphitheater
- Eureka: feasibility study for a community center, playgrounds, pavilions
- Ellisville: trail master plan and new playgrounds, continued partnership
- Ballwin: aquatic center, water play, stocked lake program, teens gym use
- Great Rivers Greenway: developing the Western Greenway
- Open Space Council: consider teens, trails and open space preservation
- St. Louis County Parks: consider maintenance, water features, pavilions
- Neighborhood Meetings: consider buffers and pedestrian connections



Group M:

Photo 1:

This picture is coming out of the creek bed looking northwest about ½ way into the site. There is a path at this location that follows the north side of the creek to the pond. The elevation is slight and the walk is very nice.

Photo 2:

Lizzie really liked the shelf rock in the creek. She also mentioned that a dog park would be greatly appreciated. This part of the creek is beautiful. Plus it is in the middle of the site and easily accessible.

Photo 3:

At this location, several hundred feet northwest of the shelf rock area, there is severe creek bank erosion. What are our plans for these areas (there are many) from a bank protection and risk management perspective?

Photo 4 & 5

Here, just northwest of the old farm road, a large tree has fallen due to creek bank erosion and the tree makes the creek impossible to pass through. How do we plan on maintaining the creek as far as being able to walk it? Do we plan on keeping fallen trees removed?

Photo 6 & 7

These were just two of my favorite shots. The creek is a critical part of the site and the meadow provides so many opportunities.

Photo 8

This is just an area of concern. All over the site, and mostly in the creek bed or adjacent to it, there are remnants of dumping. The site will have to be combed for debris like this. Some of it is partially buried.

Group A:

Photo 1:

Like: Flat – good for ball fields

Photo 2:

Like: Good area for nature trail

Photo 3:

Like: Meadow area – great area for open field area – ball field, soccer, football area

Photo 4:

Like – North Fork: Off of ... – trail area

Photo 5 & 6:

Meadow area looking south and north – good common area

Photo 7 & 8:

East side/midway: Good area for sledding

Photo 9 & 10:

Southeast corner: Good area for nature trail

Photo 11 & 12:

Like – southeast corner: North of pond – like pond – fishing?





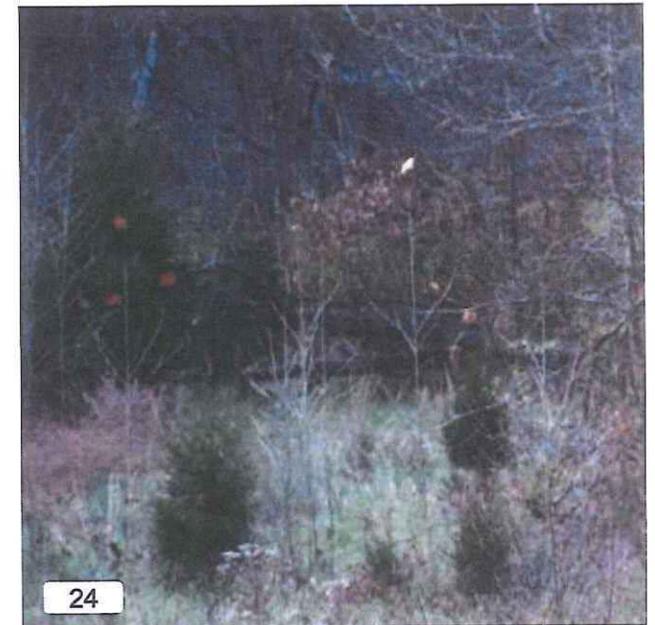
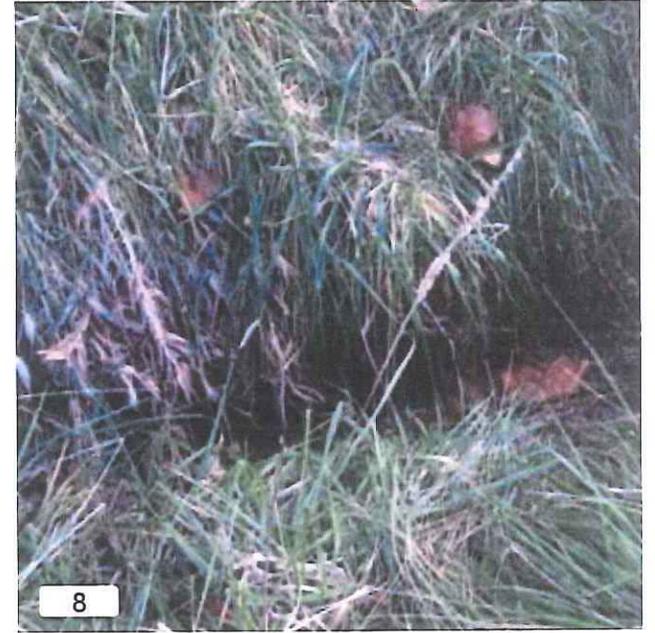
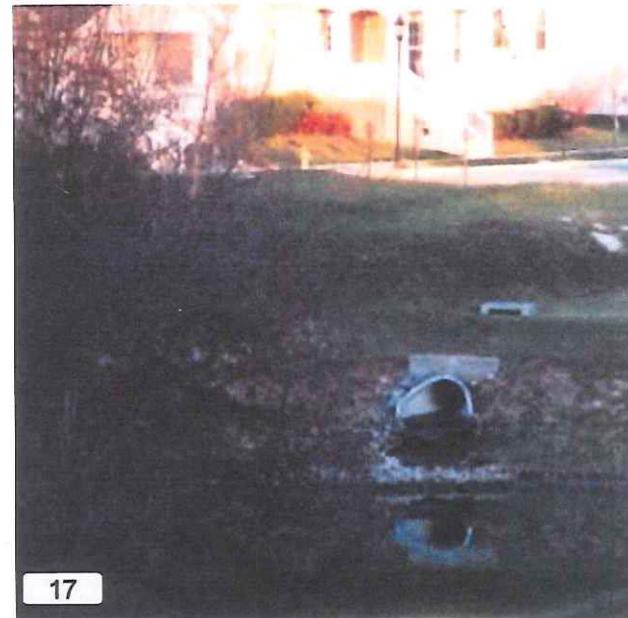


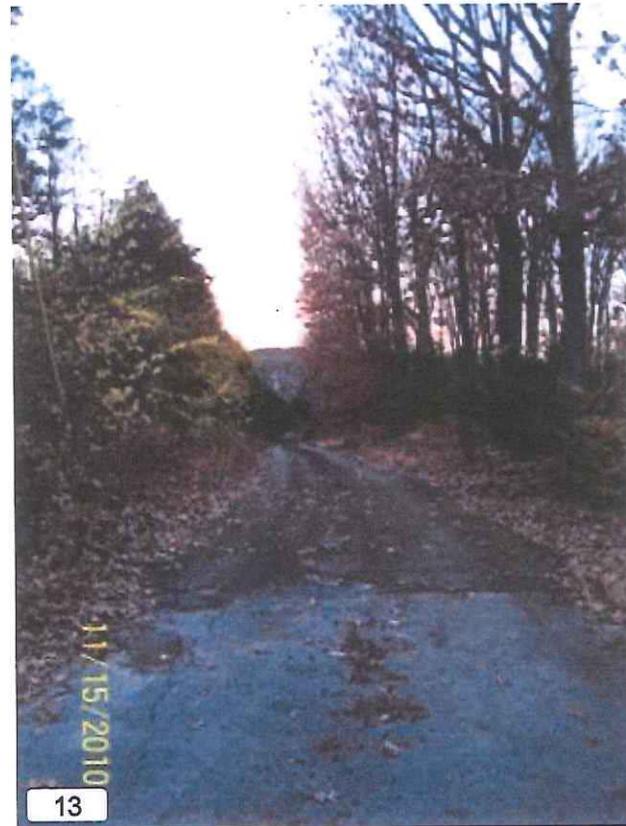
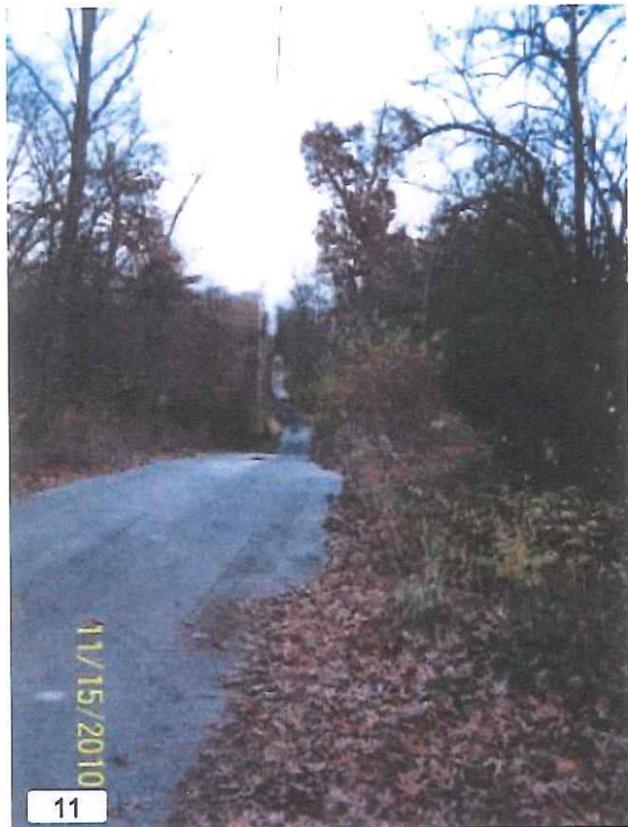






- GROUP B:**  
 Photo 1: Like – Creek  
 Photo 2: Like – Creek  
 Photo 3: Shelf Rock  
 Keep – trail run along (natural)  
 Photo 4: Flat  
 Easy development area  
 Photo 5: Like – Trees  
 Preserve  
 Photo 6: Like – flat  
 Photo 7: Houses  
 Natural buffer  
 Photo 8: Like – development area  
 Original trail  
 Photo 9: Like – open spaces  
 Photo 10: Like – slope (NE)  
 Amphitheatre  
 Photo 11/12: Like – open  
 Photo 13: Like – pond  
 Develop fishing lake. Great water feature.  
 Photo 14: Like – water  
 Expand...  
 Photo 15/16: Dislike – Access/100  
 Limited, right in-right-out, compensate for  
 access off 109







16



20



23



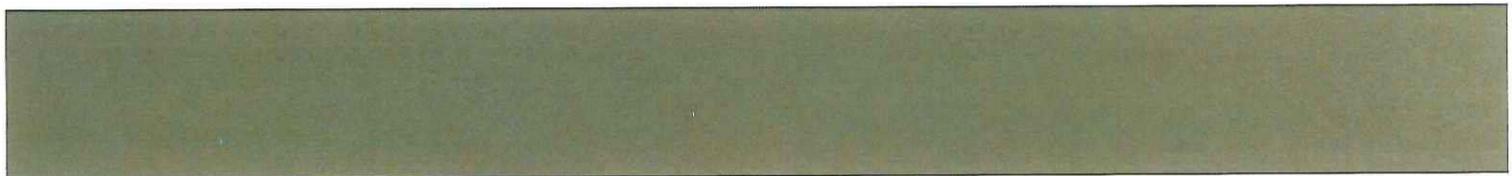
15



21



22



## GROUP B THUMBDRIVE

**Photos 1 & 2:** Pretty Level Most Northern Area of Site (approximately 3 acres).

Believe with a little excavation, this section of the site lends itself well for the multi-age play ground, Dog Park, maybe a small pavilion for picnic BBQ area.

**Photos 3, 5, 6:** Meadow Area (standing on the E side of the meadow looking SW, W, & NW).

Love the expansive field area lending itself well to have a multi-use community gathering area, undesignated (un-programmed) use for open fields for all types of sports, BBQ Bashes, Farmer's Market, etc...

**Photos 7 & 8:** Four (4) Trees in Middle of Meadow with Drainage Ditch. Leave the trees, but redirect the drainage ditch if possible with low cost. Possibly have a very large pavilion with universal amenities under the 4 trees.

**Photo 9:** Looking E from Possible 2<sup>nd</sup> Road Entrance / Access into Park on the S Side of Park Site.

With much clearing of under brush, like this area for picnic, BBQ pits (no pavilions) & natural walking trails.

**Photos 10 – 14:** Entrance looking E & W on Kress Road at the utility access for Lafayette Trails Subdivision. (There are 2 pictures looking East on Kress Rd).

Like Kress Rd. / Pond Grover, but it will be costly to do the needed repairs to widen the rd. Do not like that it's very open to Lafayette Trails Subdivision – photo 14.

**Photos 15, 15A, 16:** Sledding Hill – Edge of Park Site – S Side.

Believe that this is a very nice sledding hill, having to do very little to clean up under brush. Do not like that it has a drainage ditch going across the middle of the hill – possible to fix inexpensively?

**Photos 17 & 17A:** Drainage Culvert from SW Corner of Lafayette Trails Subdivision.

Dislike that there is an open type of culvert drainage open to the E side of boundary of property that has washed out a huge ravine. (Photo 17 used is the exact same type of culvert drain at WC Subdivision. Photo 17A shows drainage ditch on site.)

**Photos 18, 18A, 19:** WC Retention Pond for Fishing Pond.

Like that this lends itself very well to a fishing pond. Dislike the look – maybe alter with minimal cost?

**Photo 20:** Major Creek at SW End of Meadow

The creek itself is awesome; however, dislike all the debris in the creek (Great opportunity for community service item to clean out creek.)

**Photos 21 & 22:** Areas along Creek on W Side of Park Site.

With the steep slopes on W side of park site, use some of this area for trails & natural open spaces.

**Photos 23 & 24:** SIDE THOUGHT FOR SMALL FUND RAISER:

With all the fallen wood in the park, if appropriate, could possibly bundle and sell for fire pit and or fireplace usage. The wood has to be cleared away anyway.

## TOP PRIORITIES FROM 2 SURVEYS ---- ACTIVE AND PASSIVE USAGE:

- \*Pavilions with Picnic Tables, BBQ Pits
- \*Play Ground Area for All Age Children
- \*Multi-Use Area for Community Gathering, BBQ Bashes, Farmer's Market, etc...
- \*Natural Open Spaces
- \*Sledding Hill
- \*Fishing Pond
- \*Dog Park (~2<sup>nd</sup> most item listed in survey across the USA)







### Group C:

Photo 1: Like  
Big sycamore

Photo 2: Like  
Shelf rock along creek. Leave creek natural-soft trails only.

Photo 3: Like  
Leave some grasslands along edge of meadow for wildlife habitat.

Photo 4: Like  
Leave some natural for buffer to subdivision

Photo 5: Like  
Leave south end natural for wildlife habitat.

Photo 6: Like  
Clearing at end of farm road near creek. Picnic spot? Camp ground? Trail head?

### Group D

Photo 1: Cress Road  
Checking boundaries between road and site

Photo 2: Lafayette Trails  
Checking buffer between subdivision and site. These could be natural areas and/or soft trails.

Photo 3: Park Vista (homes in distance)  
Just an overview of site.

Photo 4: area to east of parking  
Many ravines cut through area – walking trails? Maybe small pavilion

Thoughts: leave creek area natural  
Tuck pavilions, etc on gentle slopes

### Group E THUMBDRIVE

Photo 1: SE corner of meadow by the creek  
Big open area – good for a field / open play area for soccer / football / Frisbee / etc. No specific sports fields.

Photo 2: west of meadow  
Good area for a hiking trail – too steep for anything else

Photo 3: edge of property near Lafayette Trails  
Existing retaining wall – maybe a border for a trail

Photo 4: far NW end of property  
Good area for a parking lot with an entrance off of 109

Photo 5: NW corner by creek  
Great place for a suspension bridge/trail head for a trail up the hill

Photo 6: west side by creek  
Great place for a bridge over creek bed

Photo 7: ridge line on west side of property  
Great flat area for a ridge line trail

Photo 8: great for a trail along the creek

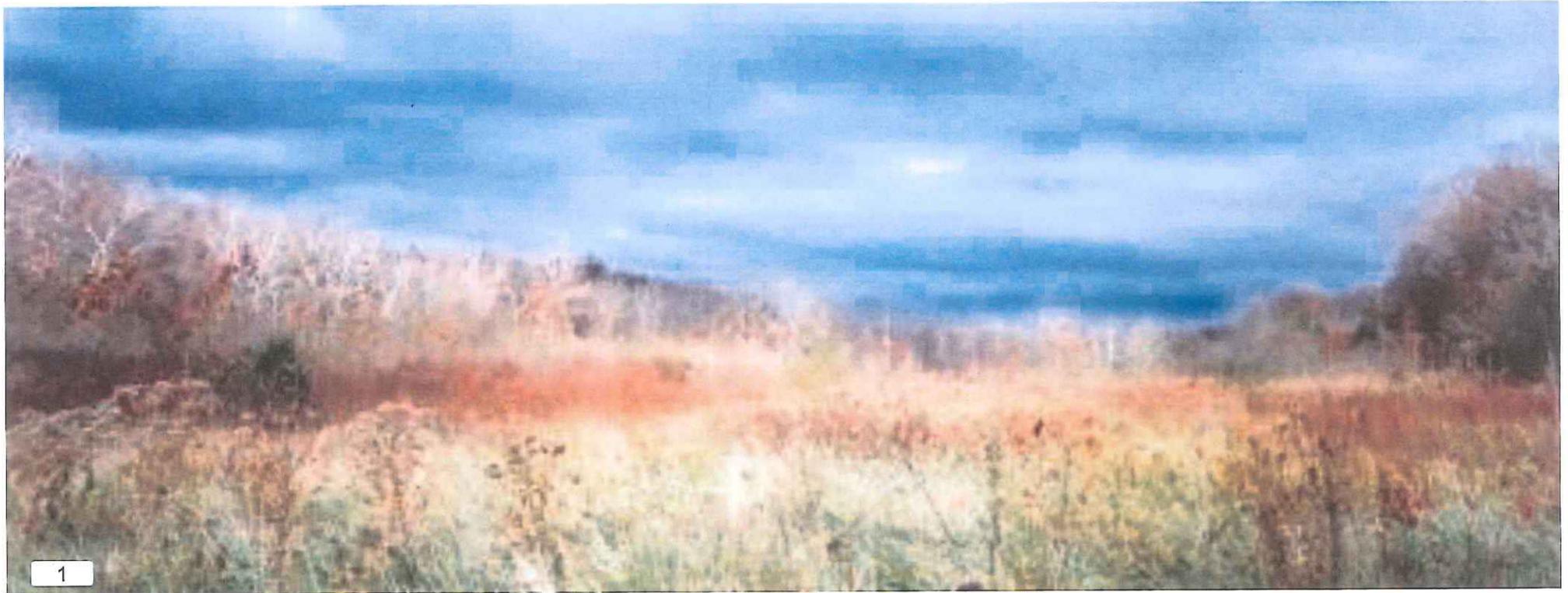
Photo 9: slate area in creek  
Great area for a bridge over the creek to connect a trail to the meadow

Photo 10: Farm Road and creek  
Good place for a big bridge over the creek – possibly a handicap accessible trail down the farm road from the meadow

Photo 11: pond  
Good for small fishing pond – needs some work around the edges and landscaping

Photo 12: meadow  
Peaceful feeling – nice and flat – good for playground – maybe a big wooden one?

Photo 13-14: Queeny Park  
This is an open play field at Queeny Park. Something like this would be great in the meadow.







15



14



11



13



12





**GROUP E:**

Photos 24/25: Like – Meadow border north and south  
Great open flat land, broad and long

Photo 22: Like – Meadow – wend end slope  
Northern edge is great for a potential amphitheater as there is already a slope for seating

Photo 21: Like – west meadow  
Great for parking and baseball

Photo 20: Like – northwest creek bed  
Beautiful

Photos 16/17/18: Like – creek bed  
Great hiking trails, cool ridge on west side of creek

Photo 15: Like – retention pond  
Bring it out thru the valley to the west to extend pond and make it look more natural





**GROUP G:**

A - Comment Only: I marked this site because although obvious – I thought it was worth mention that here is where signage **MUST** go! It comes up quick after 109 and proper signage will help! B – Comment only: Lots and lots of noise from Highway 100 – another statement of the obvious! C – Comment only  
 Just literally saw 4 deer – they ran across the “drive way” path. Love the wild life – nature preserve is a draw here!

Photo 1: Like: Similarity of trees on both sides of walk-way / drive way – it makes for a Christmas tree (holiday) type feel – this would be a beautiful type of landscape somewhere.

Photo 2: Dislike: Don't like all the skinny dead or stick trees and branches – it may just be the time of year though

Photo 3: (indifferent): Not sure if I like or dislike this spot in the photo – I thought it was something to note though – how the land is cleared out in a “U” shape. This may be good for directional signs and legends once the park is in place, etc.

Photo 4: Like  
 Sunset at 4:17 pm – this picture shows the view of the sun starting to set – (I came out here at a different time than the others) Some people would love to have a good view of sunrise/sunset from various locations in the park – just ideas!

### Park Entrance

1. It seems that the most logical and feasible way to enter into the park would be from westbound HWY 100. However, the design team needs to consider how visitors will exit the highway into the park, and how they will exit the park back onto the highway safely. Possible solution could be dedicated turn lane in and out.
2. There seems to be an adequate amount of space just beyond the 36' wide dedicated access point off HWY 100 to make a divided entrance (median) with possible park signage etc.
3. At the present time, Kress Road is not a viable option for public access into the park. This is due to the fact that the road is basically one lane (15') and is in poor condition. However, the design team should take into consideration the future expansion of the Pond-Grover Loop Road, and how the expansion could provide access and possible parking options for the future.

### Park Road/Parking

1. Taking the topography and possible planned facilities/activities into consideration, it seems that a two lane park road could easily be developed extending from the front entrance down to the creek (following the path of the existing farm road without a lot of major grading etc.), at which point a bridge could extend across the creek leading into, and possibly around the meadow area.
2. It looks like the roadway could be made wide enough to possibly handle soft (grass or gravel) shoulders on both sides. These shoulders could possibly be used for ongoing parking to gain access to nature trails, or they could be used as additional parking for special events.
3. Due to the topography, it could be difficult and costly to develop major parking areas at the front or along the east or west sides of the park. As such, it appears that if a park road were to be extended down into the park as described above, a parking lot(s) could be developed within the meadow area. This would provide easier access to facilities and activities that could possibly take place within the meadow area.

### Meadow

1. The meadow areas topography seems to be perfect to accommodate a variety of Active and Passive Uses that were identified in the surveys.
2. This area would require minimal site grading and is large enough to accommodate a variety of uses. However, the challenge would be to design the area in a manner that it would be aesthetically pleasing, provide sufficient access/parking, and not look like everything is jammed into one location. This could be accomplished by having multiple parking areas and dividing the meadow into different use areas. Whereas the use areas could be somewhat divided by natural features, such as swales, berms, landscaping, facilities, etc., while at the same time still provide openness, and a flow of access to other use areas within the park.

### Creek

1. As you can see in the attached pictures, the creek has many downed trees blocking the flow as well as access.
2. There seems to be a lot of erosion issues along the creek bank that may need to be addressed.
3. The creek can be an asset and/or an attractive nuisance. As such, the design team will need to consider how portions of the creek can be safely accessed by visitors. As we all know, if safe access is not made, visitors will explore and will find a way on their own to access the creek. This could possibly be accomplished by *1) Identifying areas of the creek where safe entry could be made possible; 2) Provide some type of trail that would lead to this access point(s); 3) Have the trail wind away from unsafe areas of the creek. This could be accomplished by creating a natural landscaped buffer/separation between the creek and the trail. This would also help with erosion and water quality issues.*

### Retention Pond

1. As stated in the surveys, a stocked fishing lake seemed to be an amenity that residents would like to have within the park. As such, is it possible to expand the current retention area into a much larger lake? If so, could it be made to look more natural opposed to looking so man made as it does today?

### Natural Areas

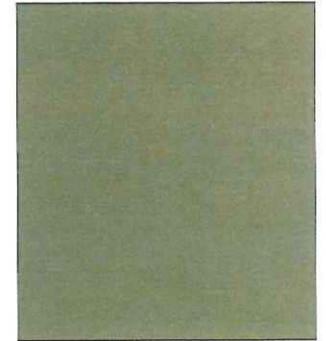
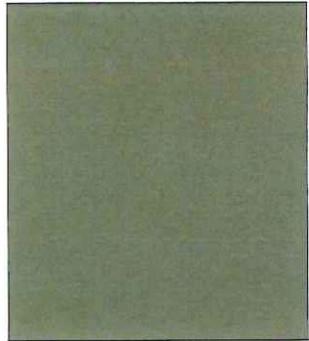
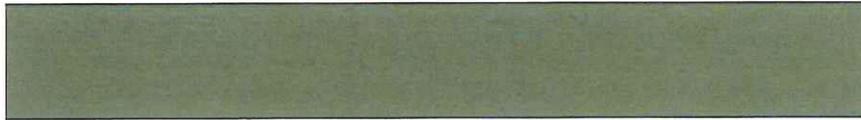
1. The west side of the site is heavily wooded and consists of varying grade changes and steep slopes. I would suggest that this area be left primarily undisturbed with the exception of the removal of bush honeysuckle and brush, and be made available for passive uses, such as nature trails.
2. The west side of the site consists of woods and varying grade changes. I would also suggest that this area be left primarily undisturbed with the exception of the removal of bush honeysuckle and brush, and be made available for passive uses, such as nature and multi-use trails. This area also creates a great natural buffer between the active areas of the park and neighboring subdivisions.
3. The south side, like the west side of the site consists of woods and varying grade changes. I would also suggest that this area be left primarily undisturbed with the exception of the removal of bush honeysuckle and brush, and be made available for passive uses, such as nature trails, multi-use trails, and for the expansion of the retention pond. This area also creates a great natural buffer between the active areas of the park and highway 100.

### Trails

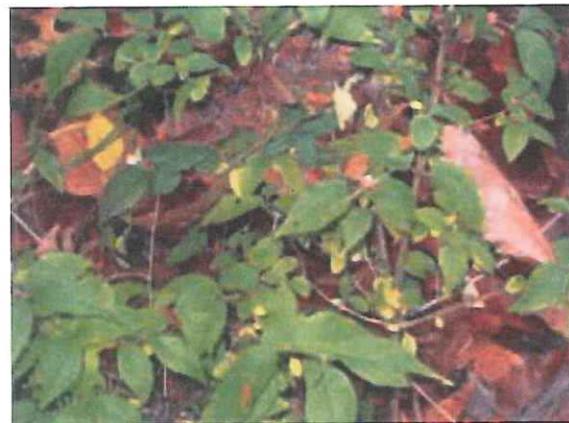
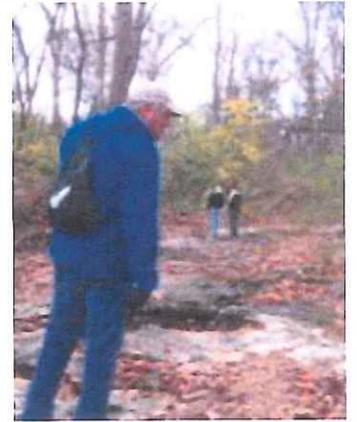
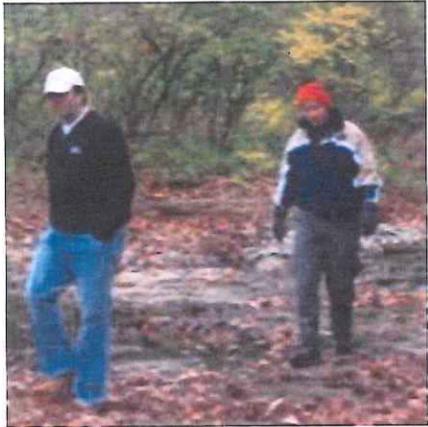
1. As previously mentioned, I think that the natural areas of the site are ideal for nature trails. These trails could/should have connectivity to multi-use trails, neighborhoods, parking, creek, and active areas of the park.
2. Phase 6 of the Wildwood Greenway (A public multi-use trail extension from Windsor Crest Subdivision to Mueller Road) is currently planned to run along the front of the park. This multi-use trail could give connectivity and access to neighboring subdivisions, nature trails, retention pond/lake, as well as other areas of the park.
3. The topography of the east side of the site that runs parallel and directly behind the Lafayette Trails and Windsor Crest Subdivision (Along the 20' wide water easement), seems to be suitable for a multi-use trail. This multi-use trail could easily connect to the proposed Phase 6 of the Wildwood Greenway (A public multi-use trail extension from Windsor Crest Subdivision to Mueller Road) on the south, and could extend to the north towards Kress Road and provide connectivity to the Portland Cove Subdivision. It could also provide connectivity to various nature trails and access to the active areas of the park.

### Site Utilities

- Electric: Potential electrical connectivity could be made through the northeast side of the site near Kress Road.
- Water: Potential potable water connectivity seems to exist along the east side of the site and along the south side of the site.
- Gas: Potential gas connectivity seems to exist along the east side of the site.
- Fiber Optics: Potential gas connectivity seems to exist along the east side of the site.
- Sewer: Did not identify sewer connectivity on site, however, there could be potential connectivity through the Lafayette Trails and Windsor Crest Subdivision.













## FRAMEWORK PREFERENCE – INDIVIDUAL (pink form)

- **Program Inclusivity** – the framework’s ability to serve as a gathering spot for most Wildwood residents; and to meet the needs of those residents with a diverse variety of possible activities.
- **Balance of Active and Passive Areas** – the framework’s ability to preserve native areas, while providing space for active amenities.
- **Connectivity** – the framework’s ability to link active and passive areas within the park; and to link the park to major destinations and neighborhoods

*Score framework preference criteria on a scale of 1 to 5, with one being low. Then, add the total points for each framework; and rank the frameworks based on the preference scores.*

	Program Inclusivity	Balance of Active and Passive Areas	Connectivity	Total Points	Final Ranking
Framework 1 – Low Road Scheme					
Framework 2 – High Road Scheme					
Framework 3 – Loop Scheme					
Framework 4 – Stub Scheme					

General Comments about **most** appealing framework

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General Comments about **least** appealing framework

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# FRAMEWORK & AMENITY DISCUSSION – GROUP (blue form)

## I. Framework Preference

	Rationale
Most Preferred Framework:	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> <li>•</li> <li>•</li> <li>•</li> </ul>
Second Most Preferred Framework:	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> <li>•</li> <li>•</li> <li>•</li> </ul>

## II. Wildcard Amenities Selected

Amenity ( <i>in Preference Order</i> )	Rationale

## III. Suggestions for Improving Gaming Session

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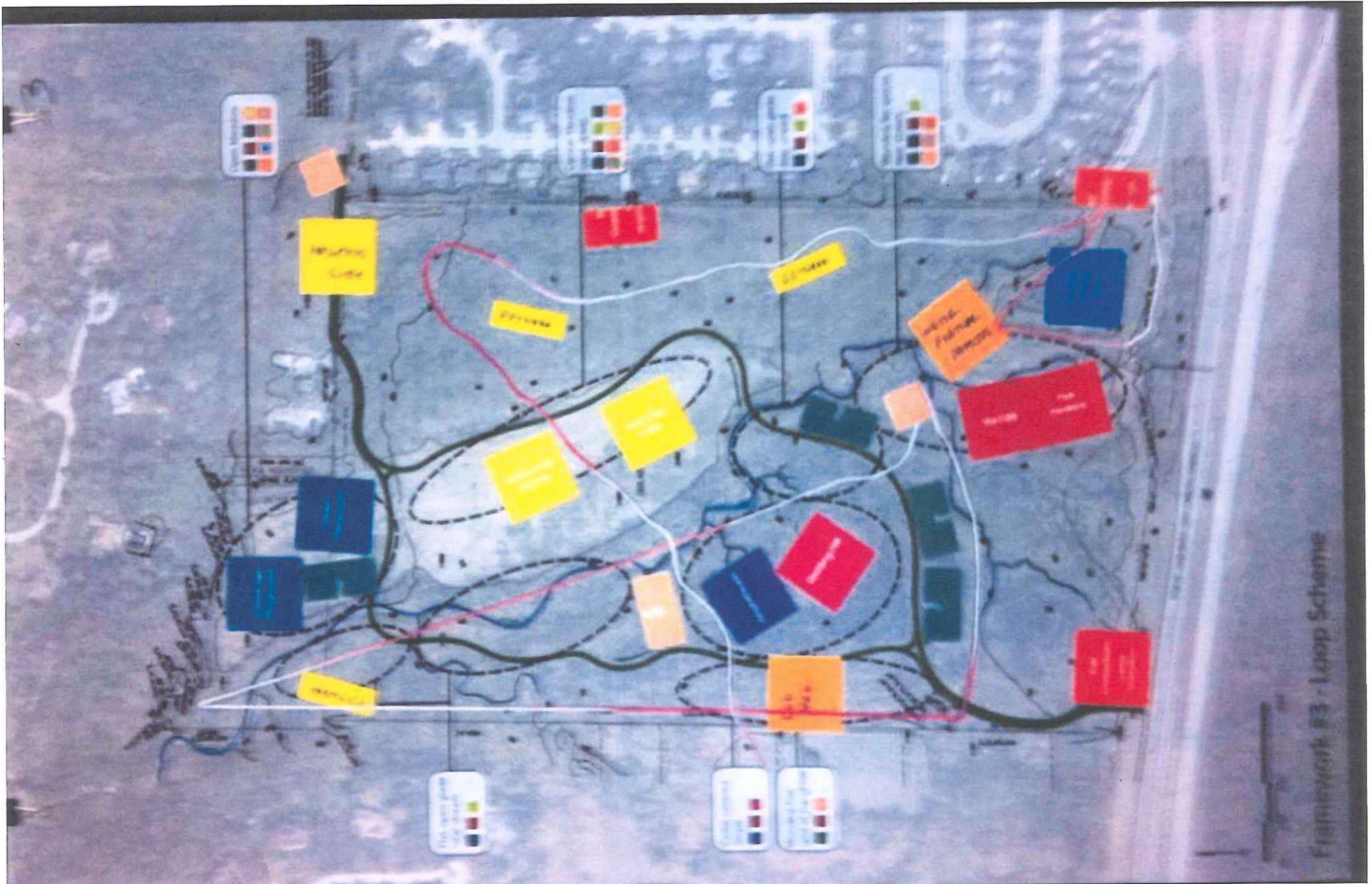


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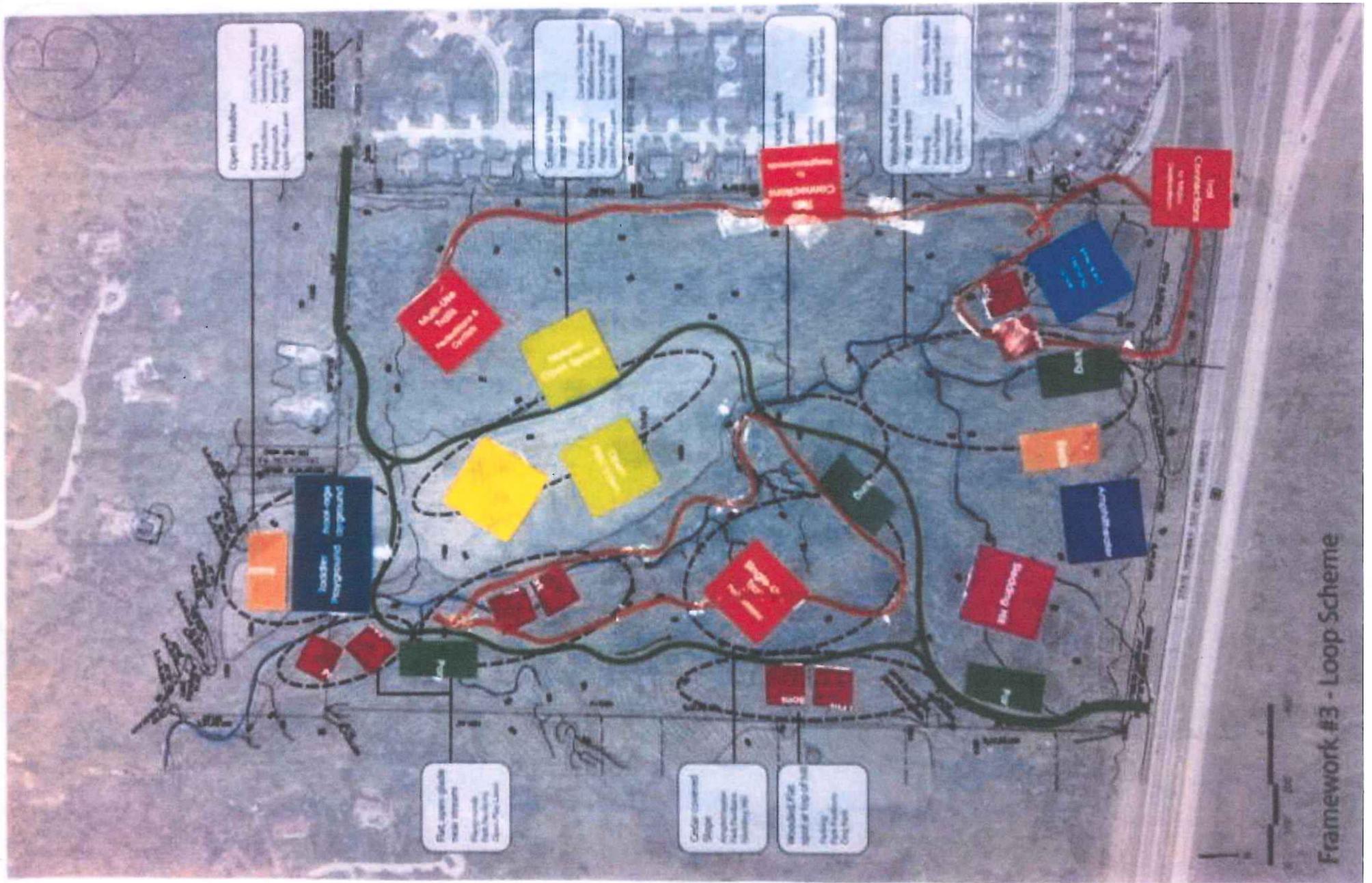


# GROUP 3



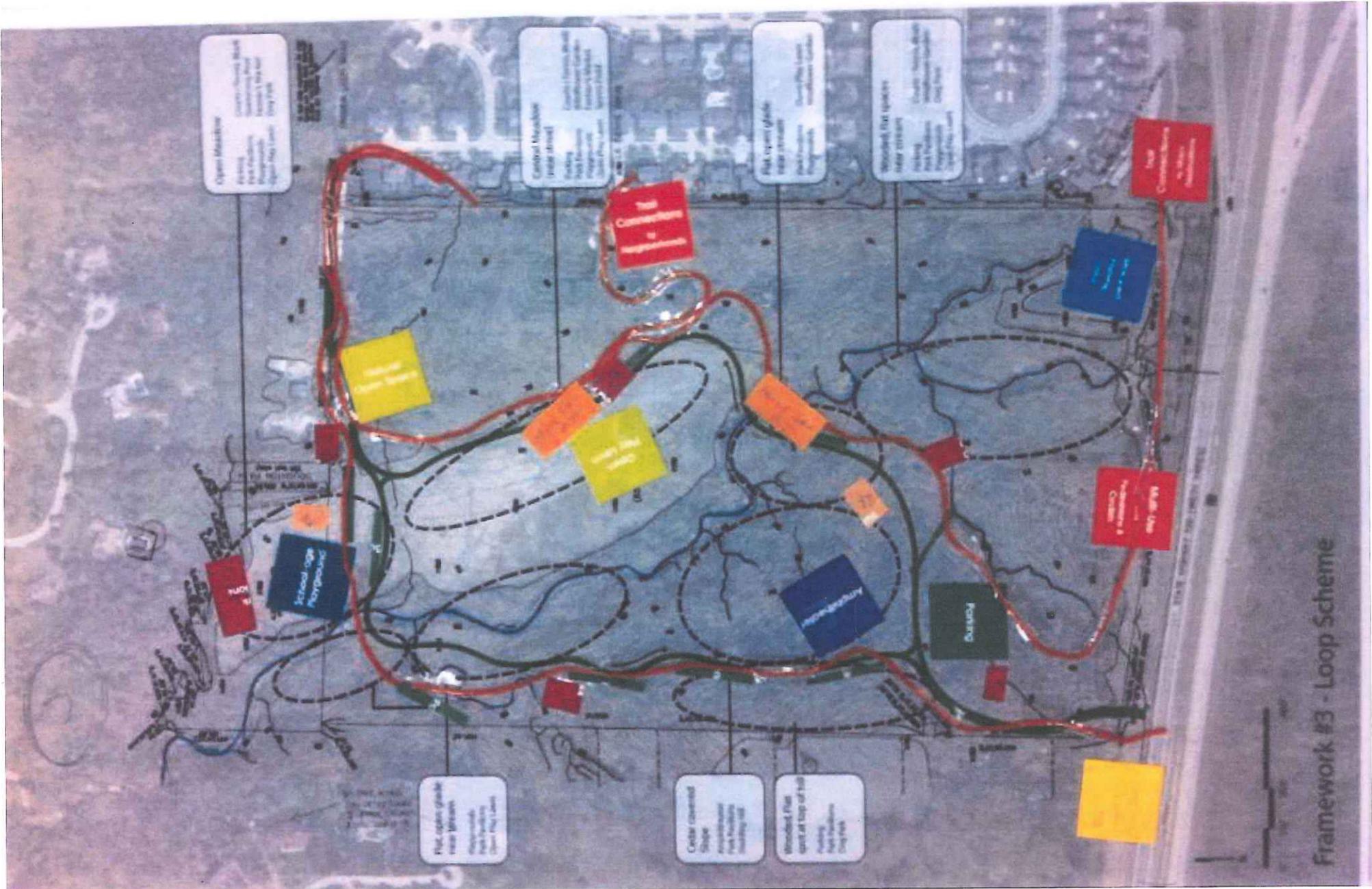


# GROUP B

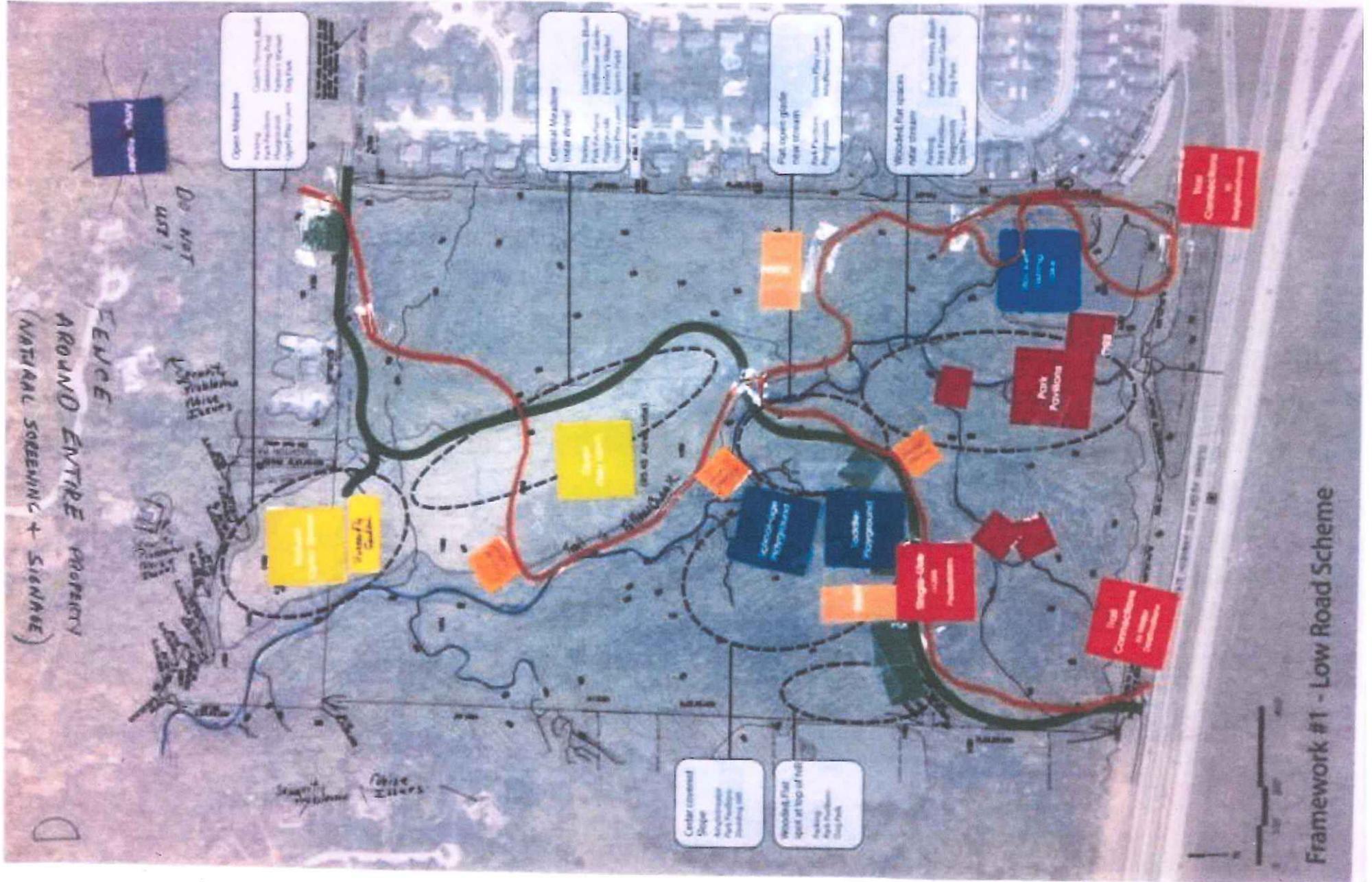


Framework #3 - Loop Scheme

# GROUP C

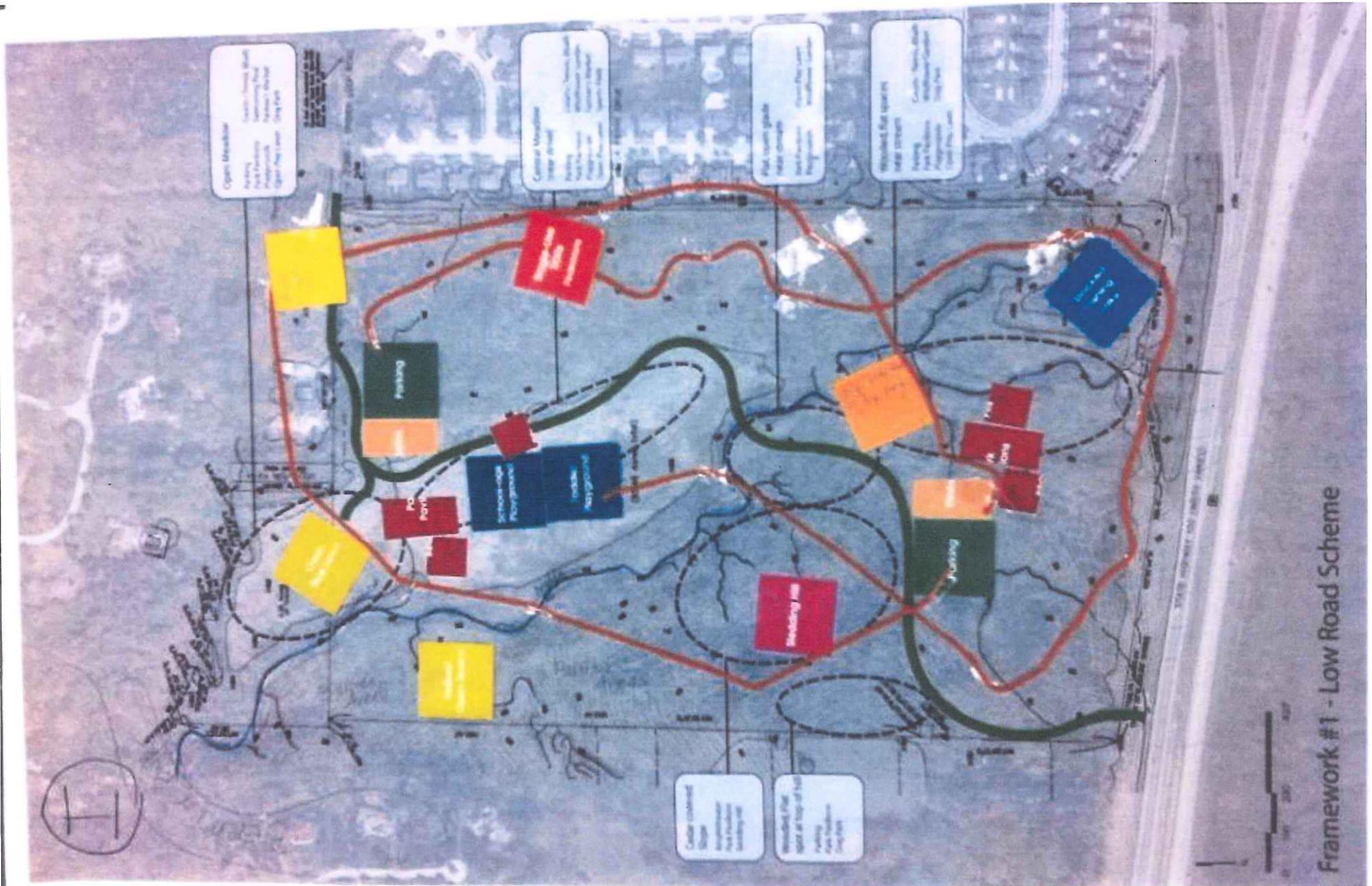


# GROUP D





# GROUP I



Framework #1 - Low Road Scheme

Goals & Background

Site Photos & Site Analysis

Program

Comparable Projects

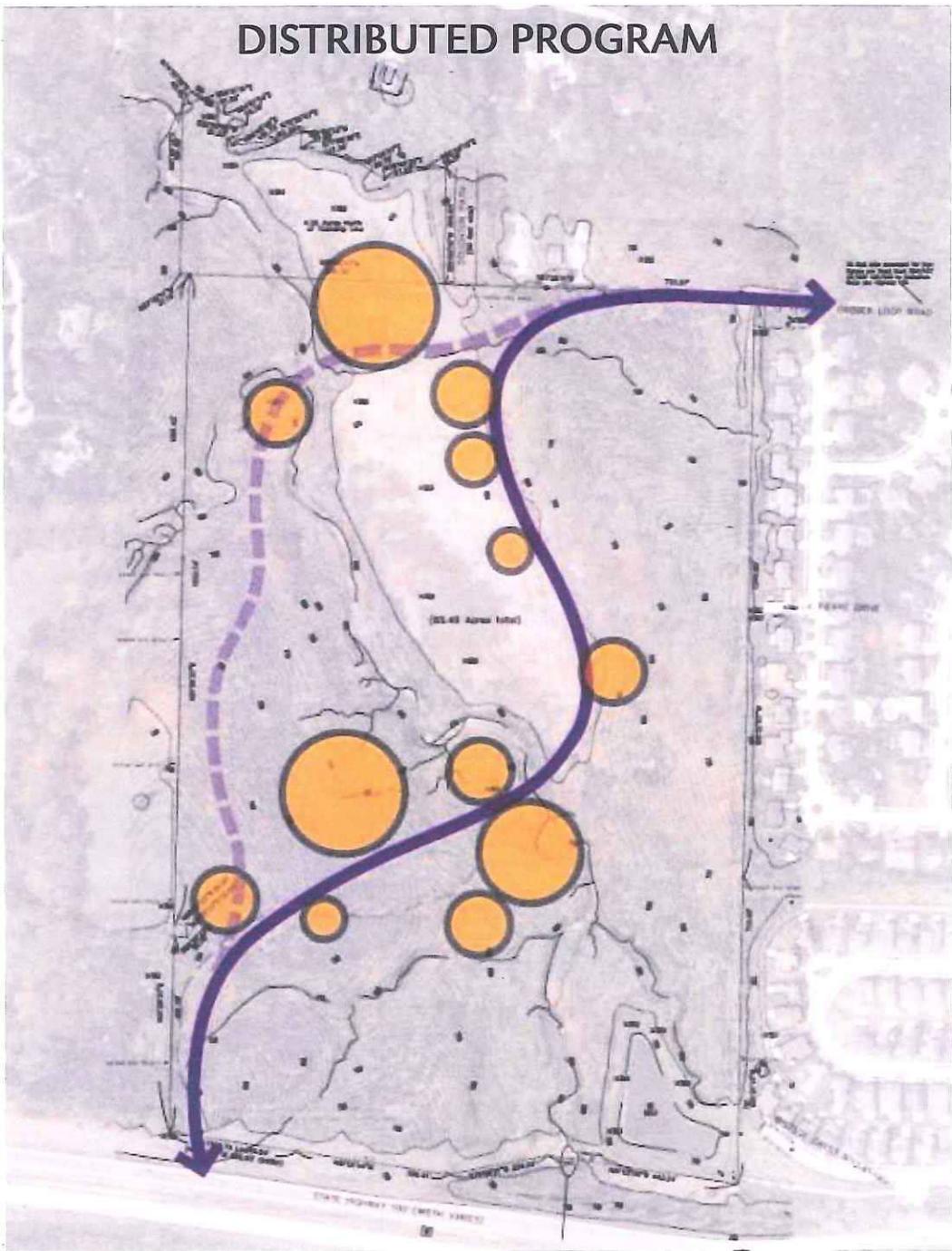
Public Participation

Development Frameworks & Conceptual Ideas

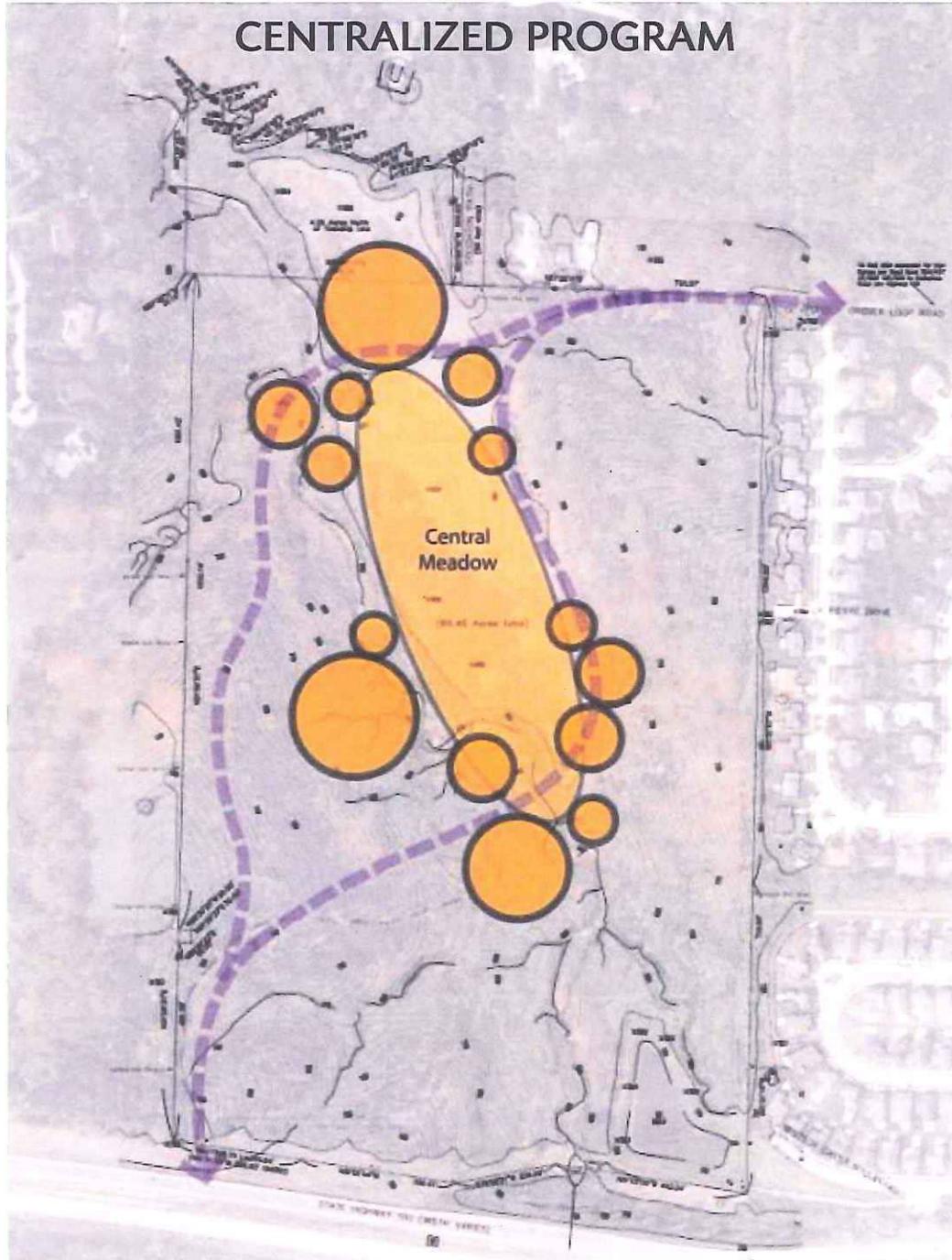
The Master Plan

Phasing & Costs

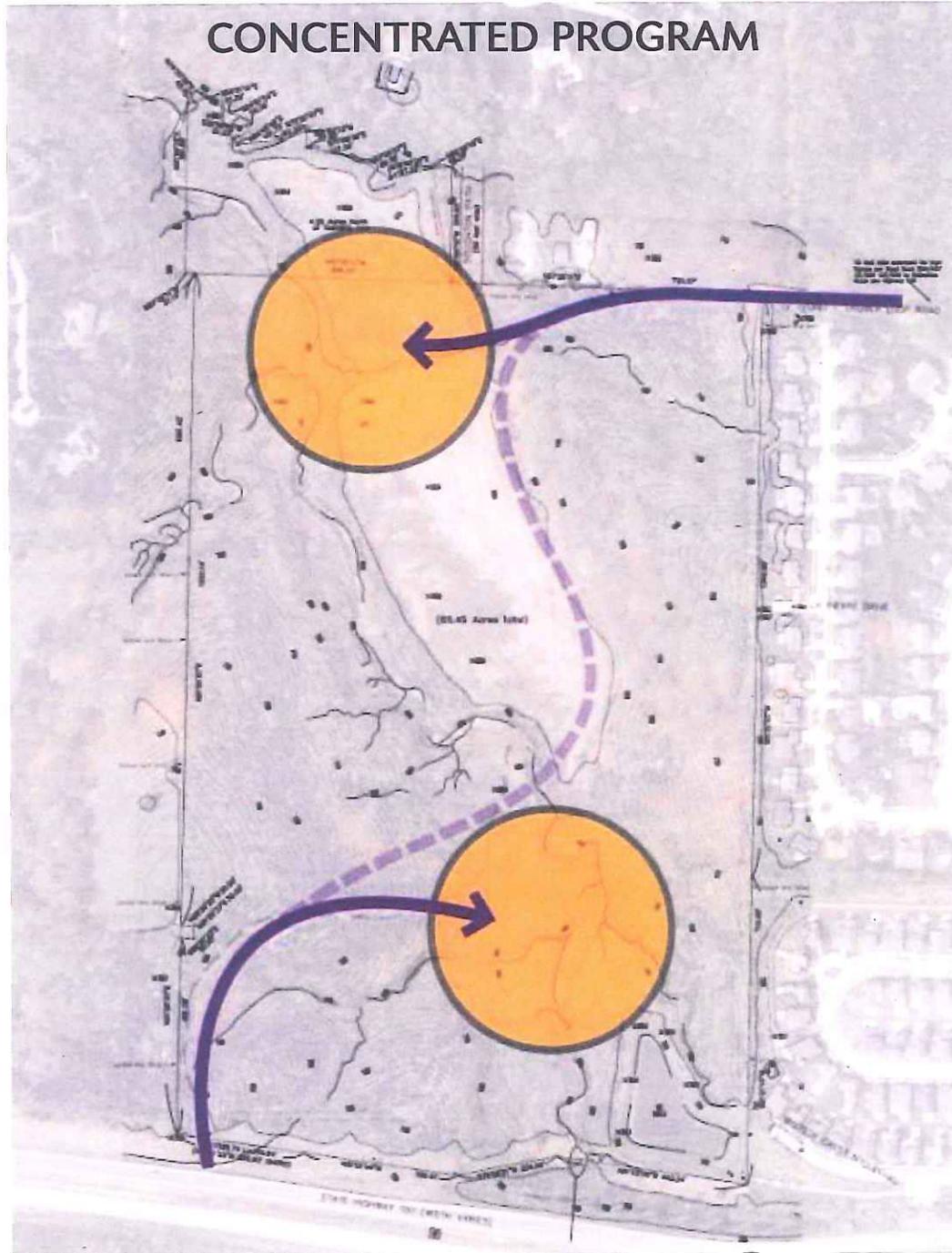
# DISTRIBUTED PROGRAM



# CENTRALIZED PROGRAM



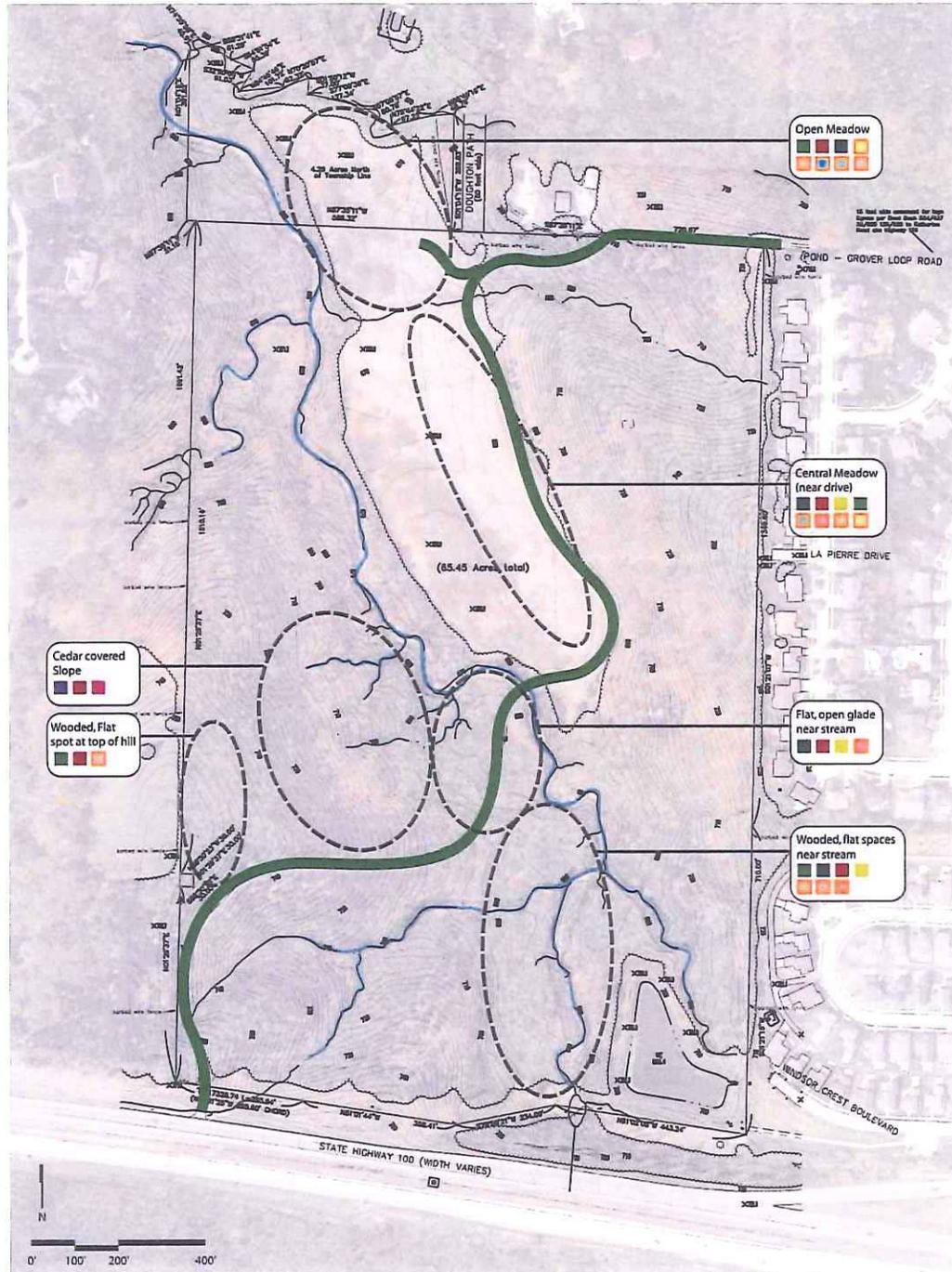
# CONCENTRATED PROGRAM



WILDWOOD

- Parking
- Playgrounds
- Open Lawn
- Fishing Lake
- Sledding Hill
- Trails
- Pavilions
- Amphitheater
- Restrooms

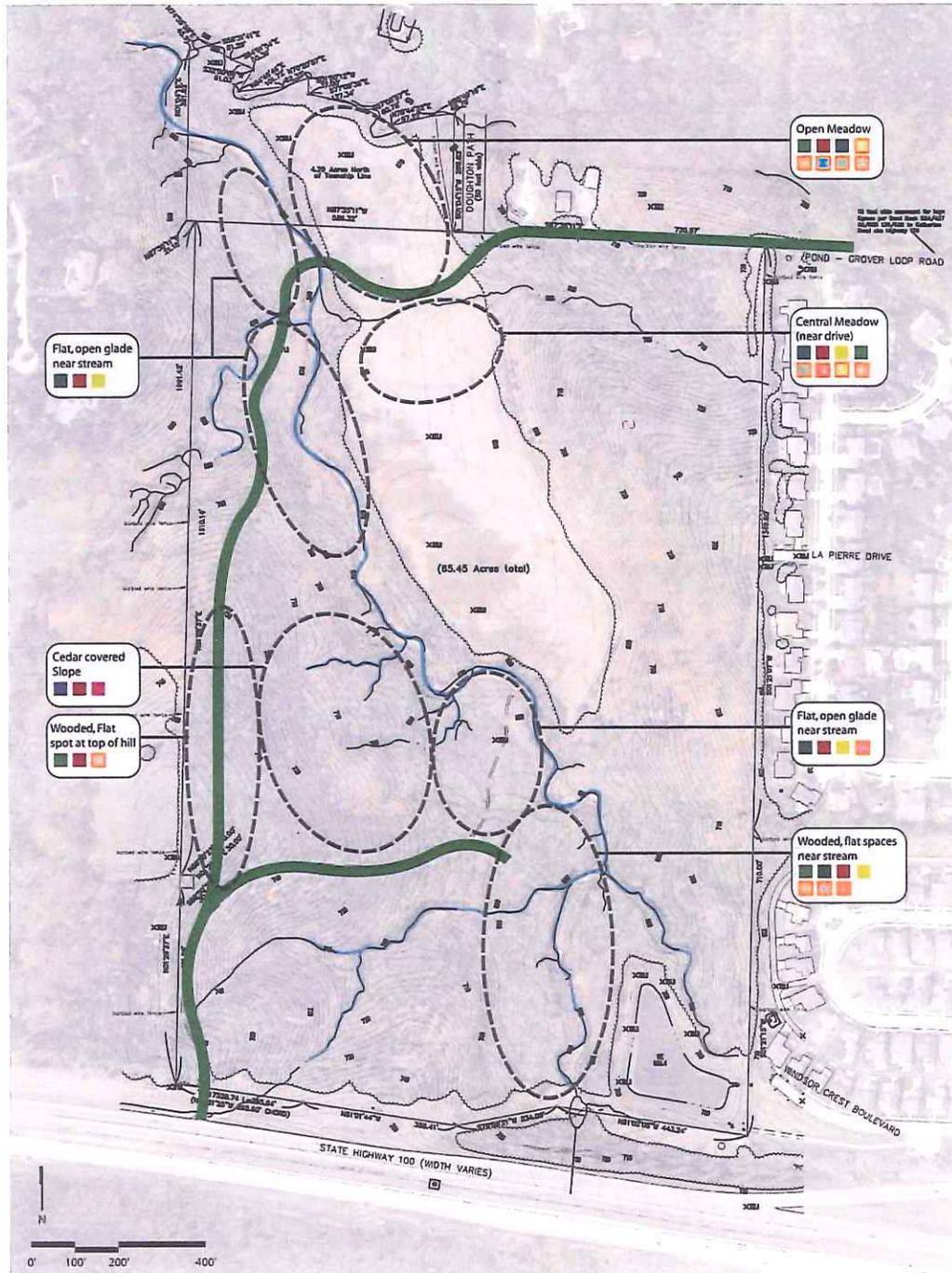
- Wild Card
- Courts (tennis, bball)
- Sport Field
- Swimming Pool
- Water Feature
- Farmer's Market
- Wildflower Garden
- Dog Park
- Wild Card



## Framework #1 LOW Road Scheme



- Parking
- Playgrounds
- Open Lawn
- Fishing Lake
- Sledding Hill
- Trails
- Pavilions
- Amphitheater
- Restrooms

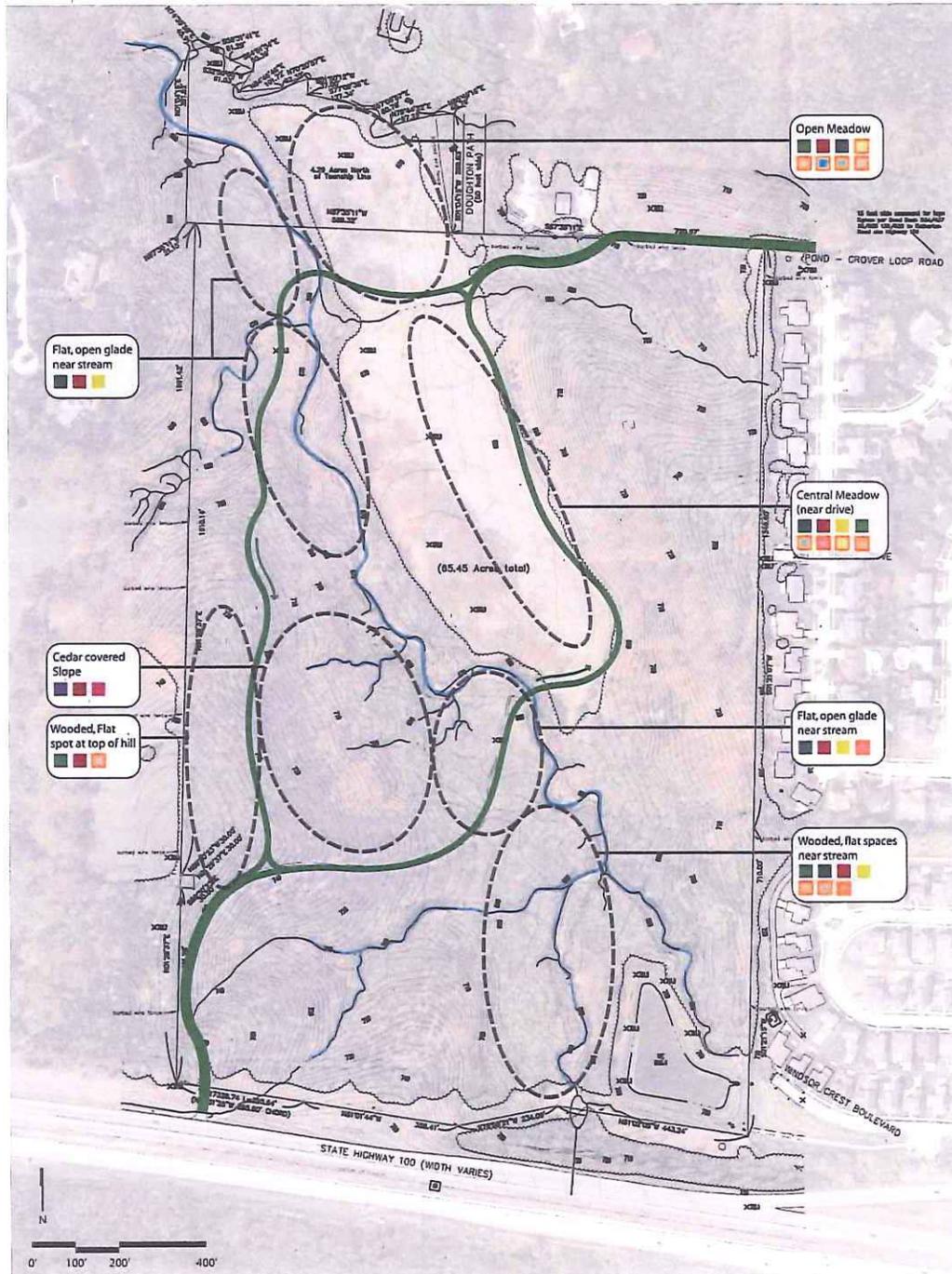


- Wild Card
- Courts (tennis, bball)
- Sport Field
- Swimming Pool
- Water Feature
- Farmer's Market
- Wildflower Garden
- Dog Park
- Wild Card

## Framework #2 HIGH Road Scheme

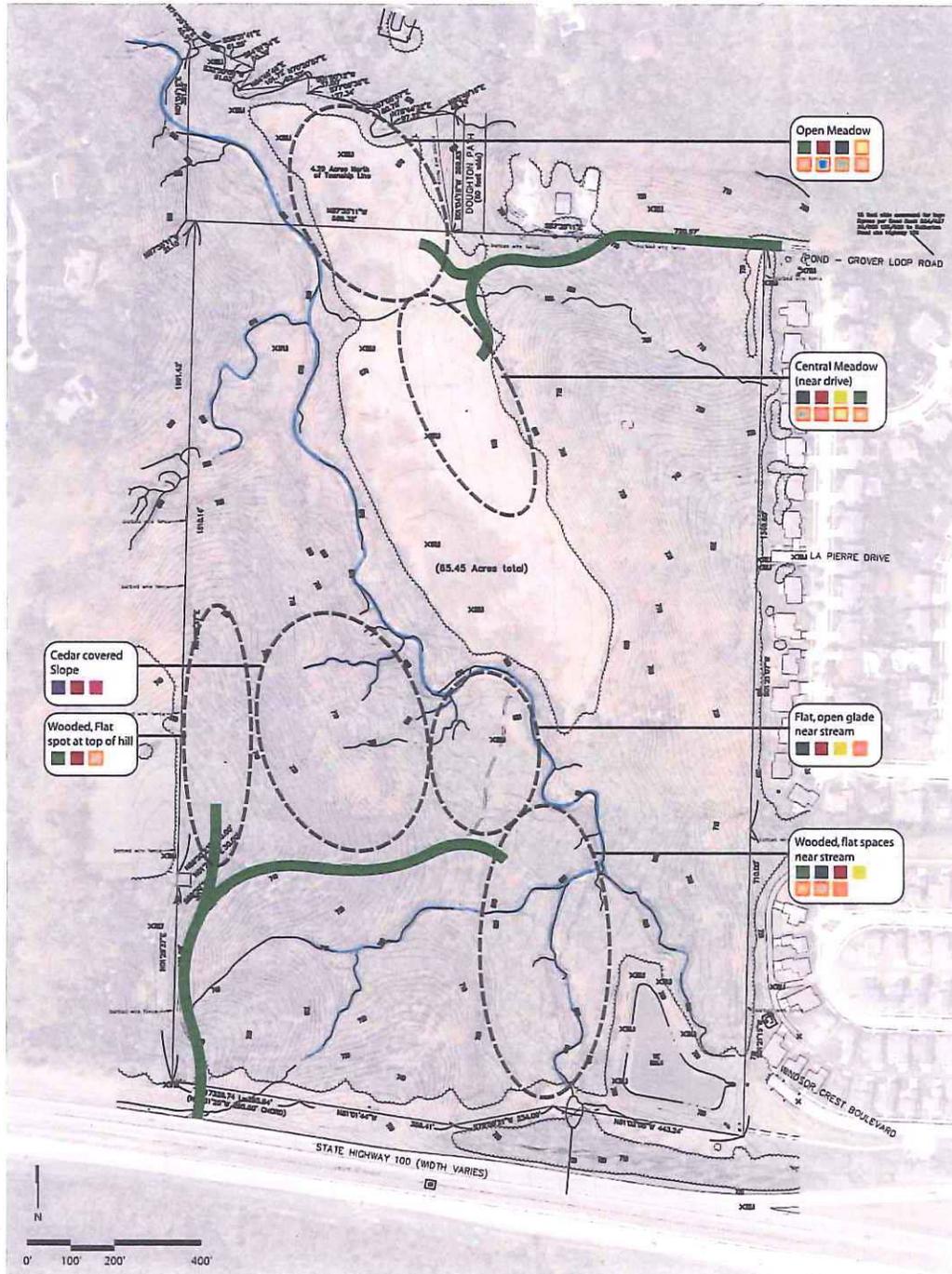
- Parking
- Playgrounds
- Open Lawn
- Fishing Lake
- Sledding Hill
- Trails
- Pavilions
- Amphitheater
- Restrooms

- Wild Card
- Courts (tennis, bball)
- Sport Field
- Swimming Pool
- Water Feature
- Farmer's Market
- Wildflower Garden
- Dog Park
- Wild Card



## Framework #3 LOOP Scheme

- Parking
- Playgrounds
- Open Lawn
- Fishing Lake
- Sledding Hill
- Trails
- Pavilions
- Amphitheater
- Restrooms



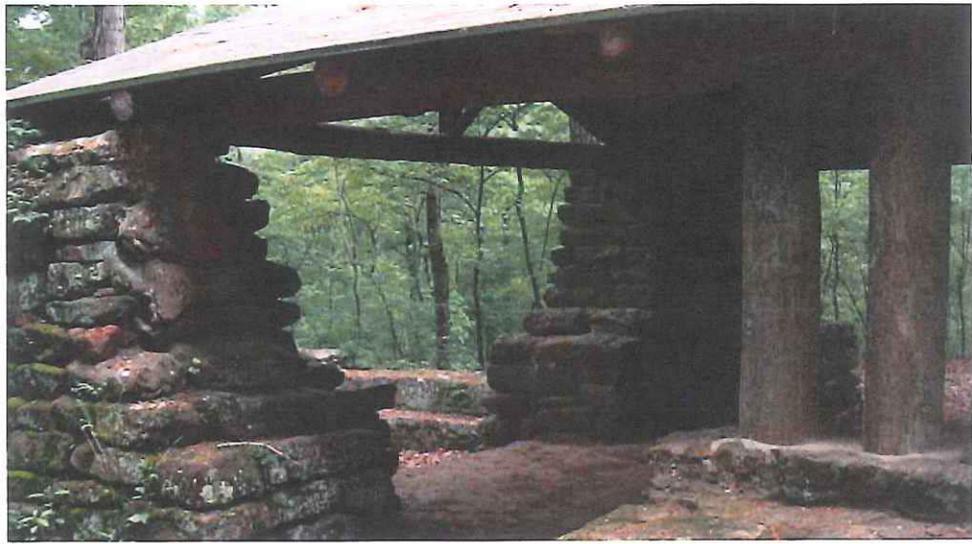
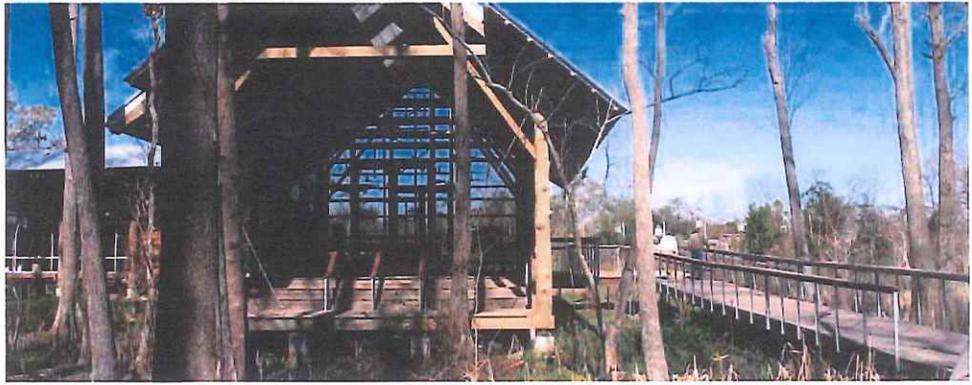
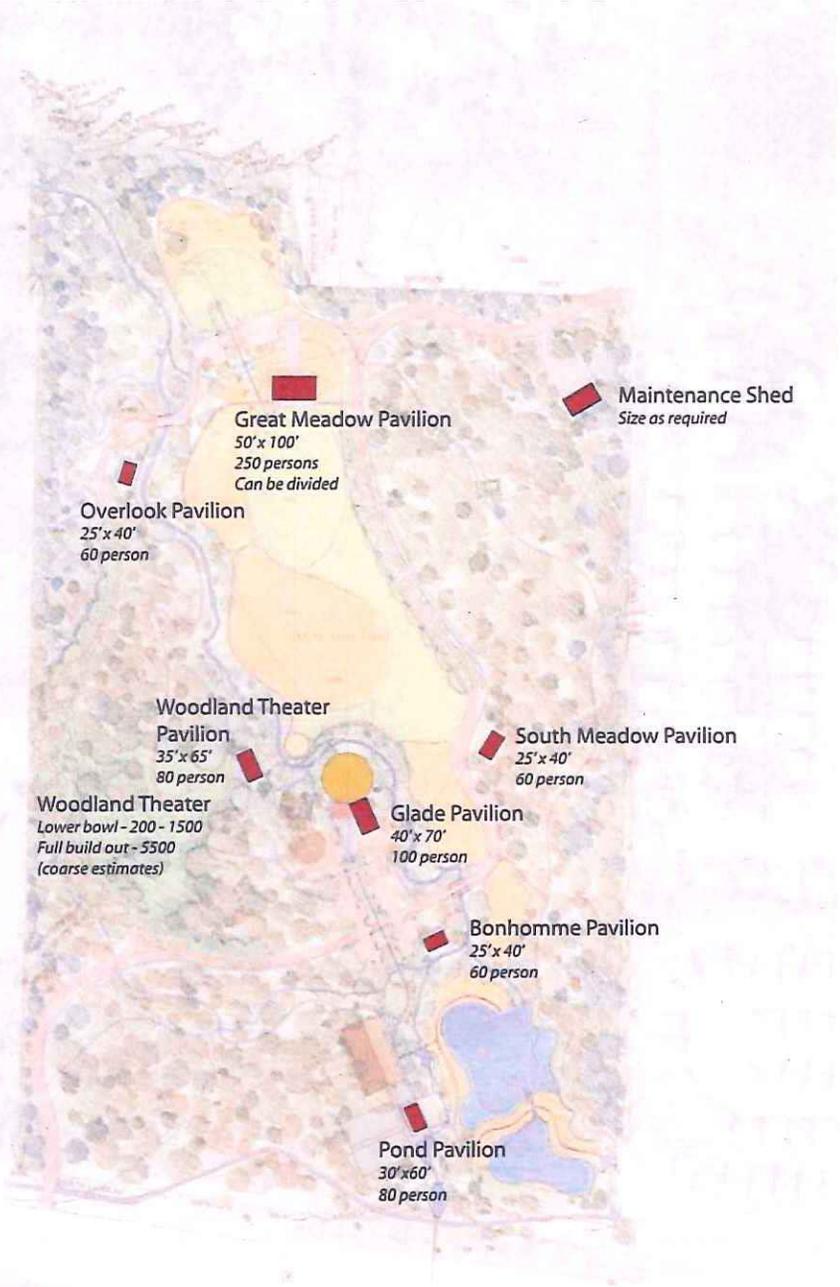
- Wild Card
- Courts (tennis, bball)
- Sport Field
- Swimming Pool
- Water Feature
- Farmer's Market
- Wildflower Garden
- Dog Park
- Wild Card

## Framework #4 STUB Scheme

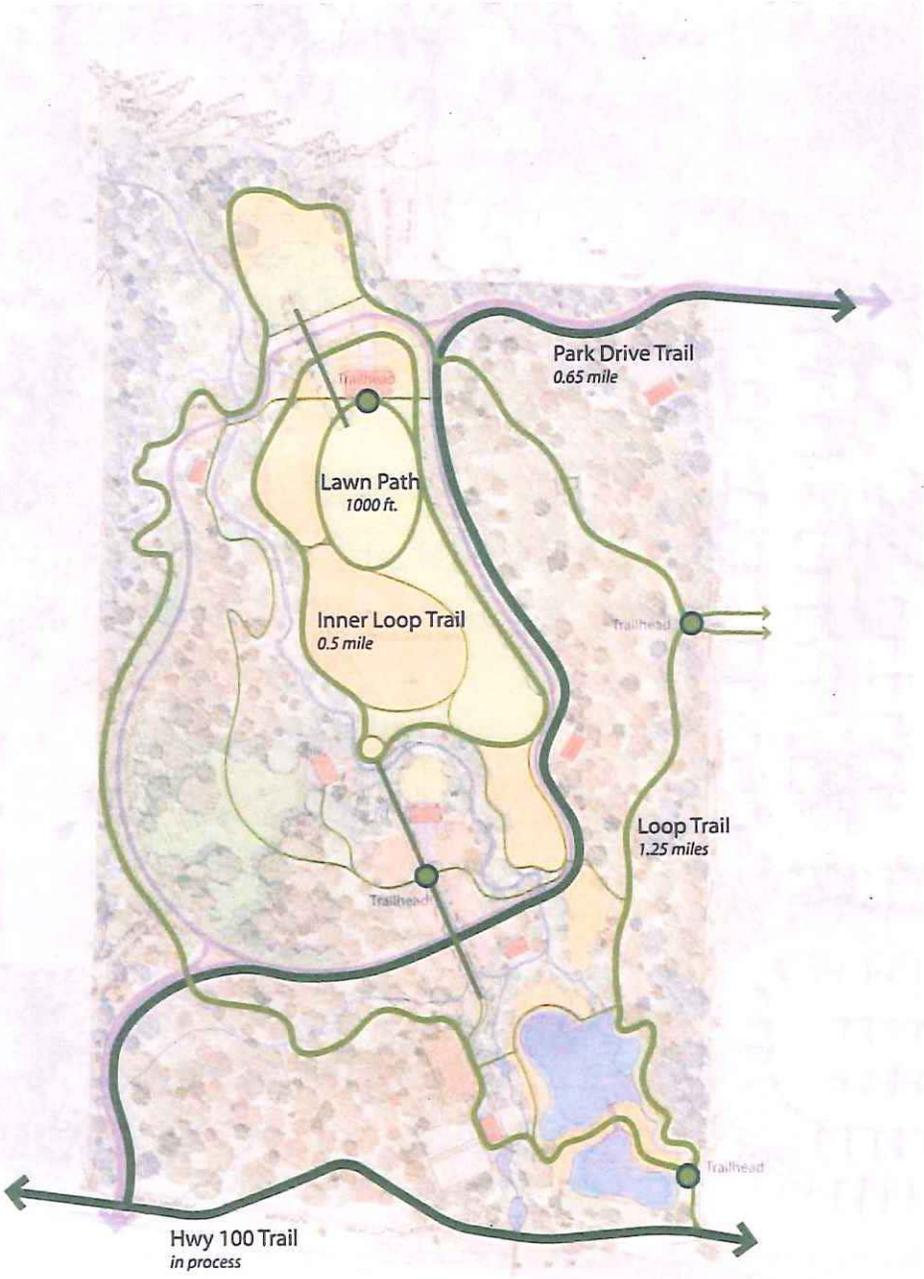
# Roads and Parking



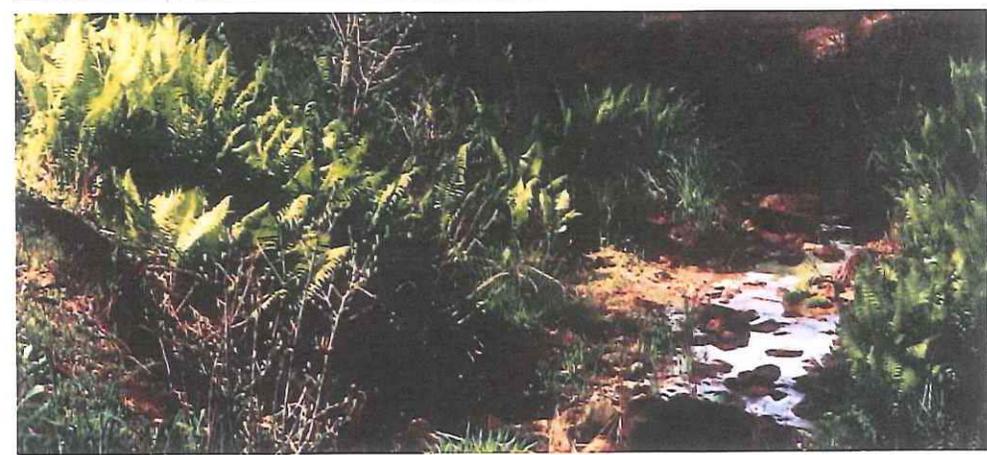
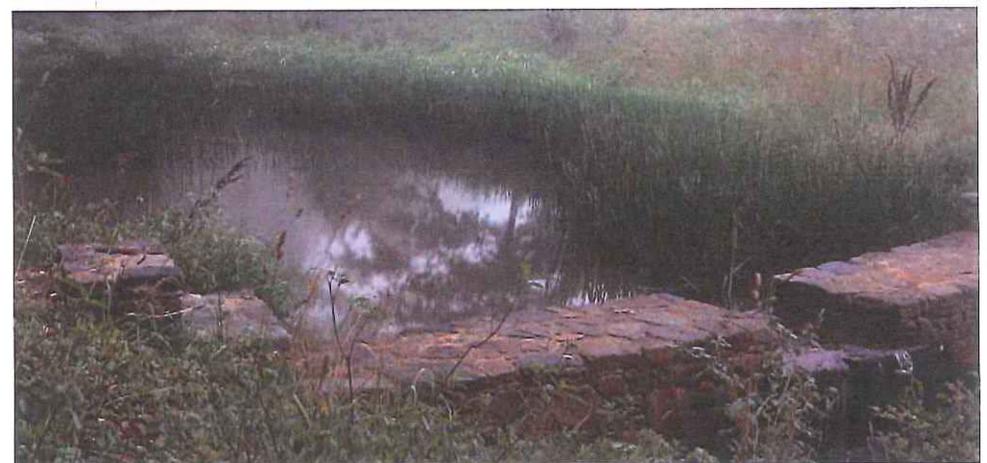
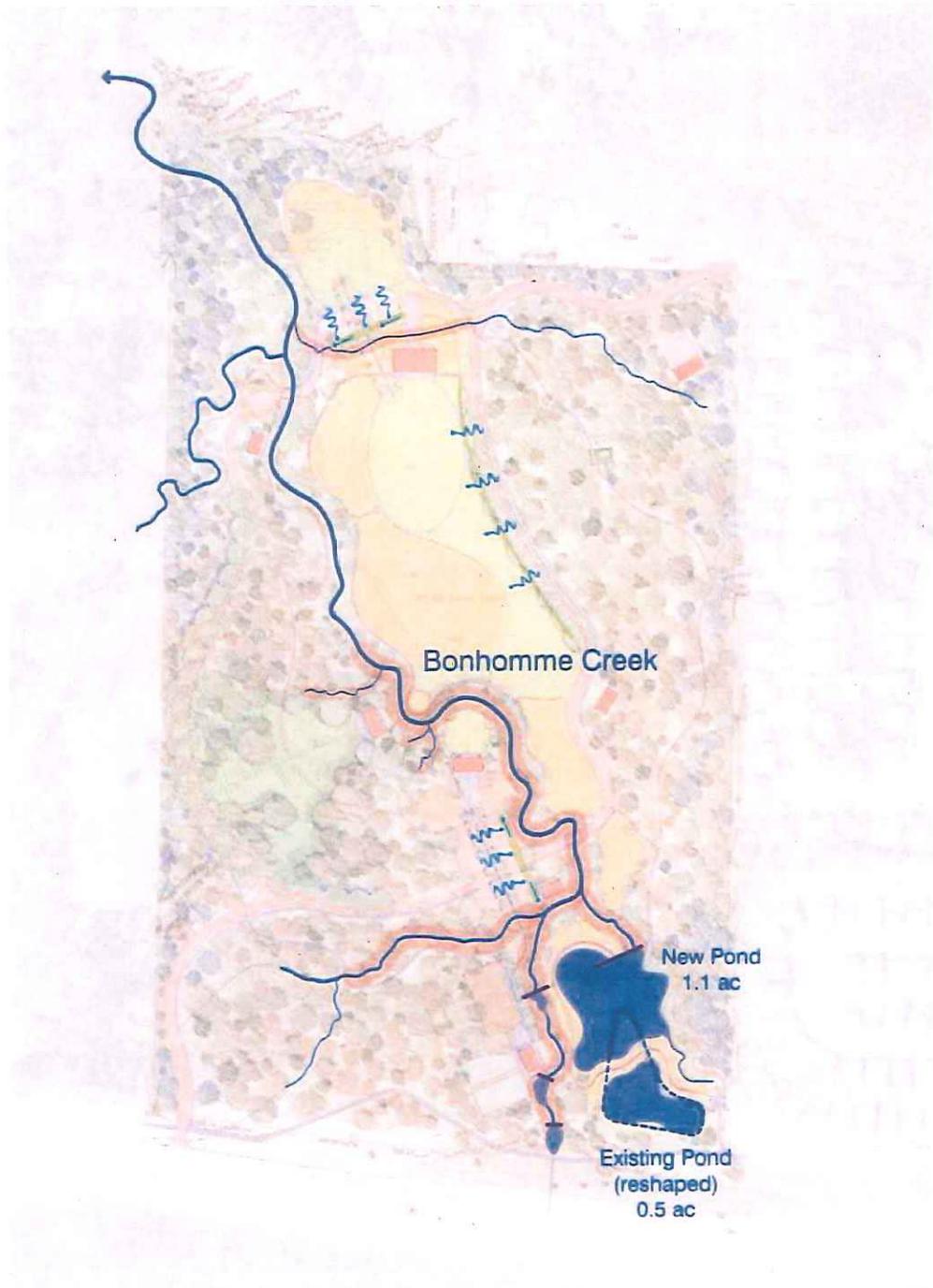
# Structures



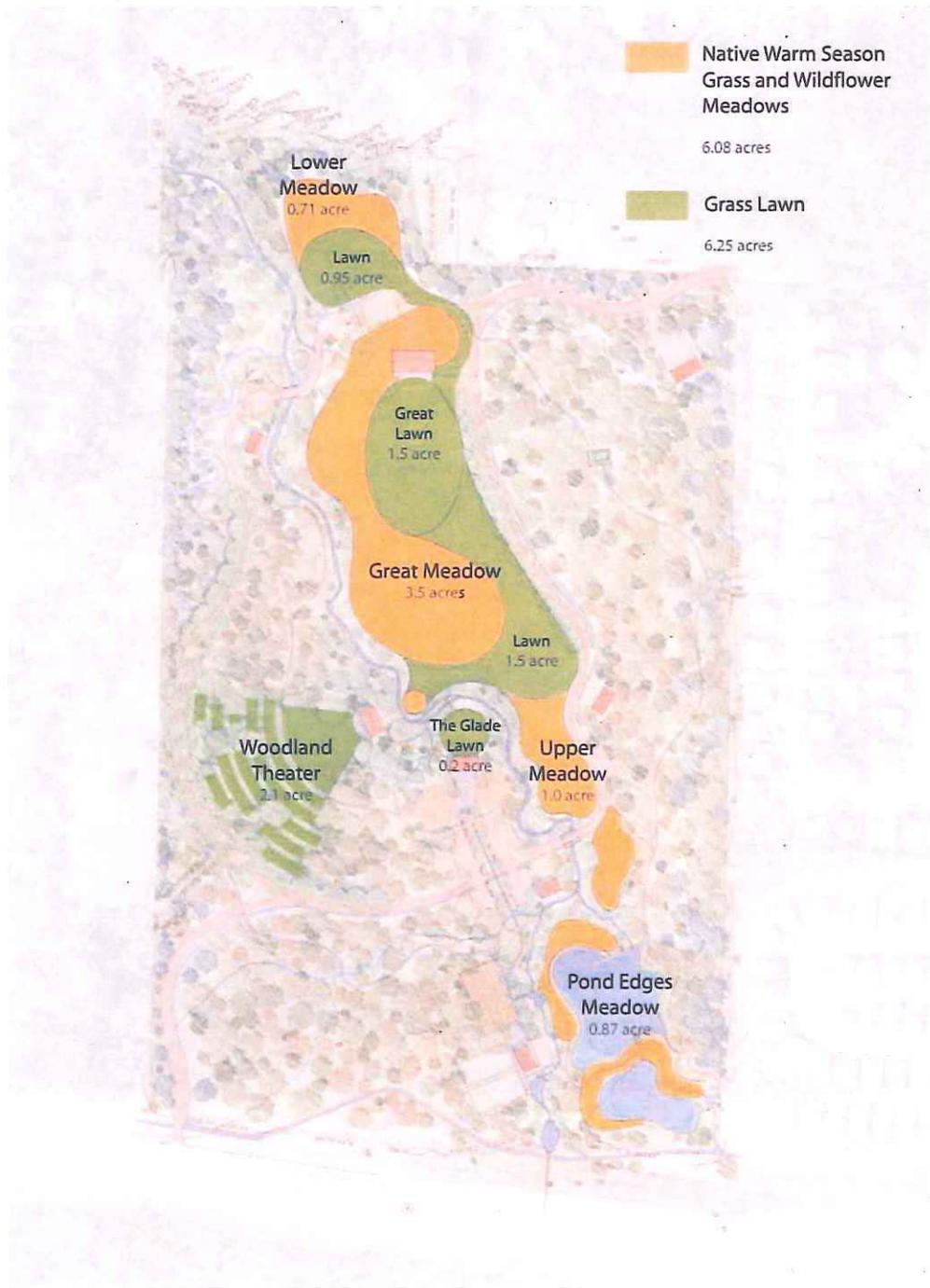
# Paths and Trails.



# Hydrology – Ponds and Streams

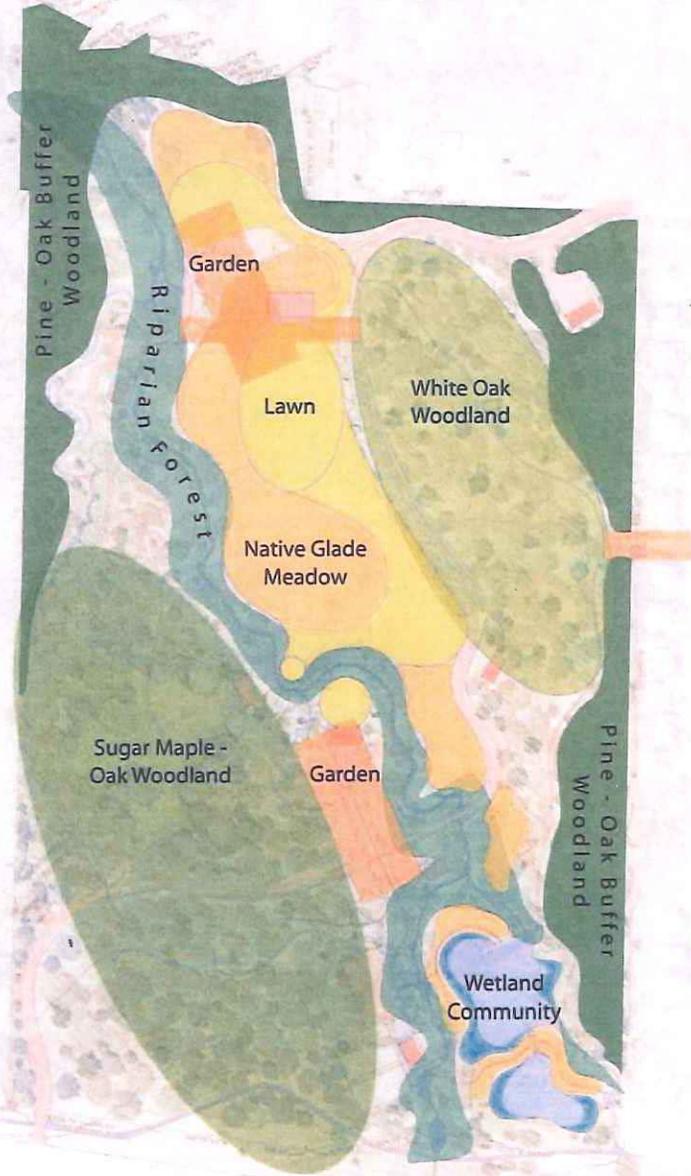


# Lawn, Field, Meadow



# Plant Communities

## PLANT COVERAGE



### Native Glade Meadow

Little Bluestem  
 Sideoats Gramma  
 American aloe  
 purple prairie clover  
 false boneset  
 Missouri orange coneflower

### White Oak Woodland

White Oak  
 Black Oak  
 Post Oak  
 Black Hickory  
 Blackhaw  
 Redbud

### Sugar Maple - Oak Woodland

White Oak  
 Red Oak  
 Sugar Maple  
 Hickory  
 Black Gum

### Pine – Oak Buffer Planting

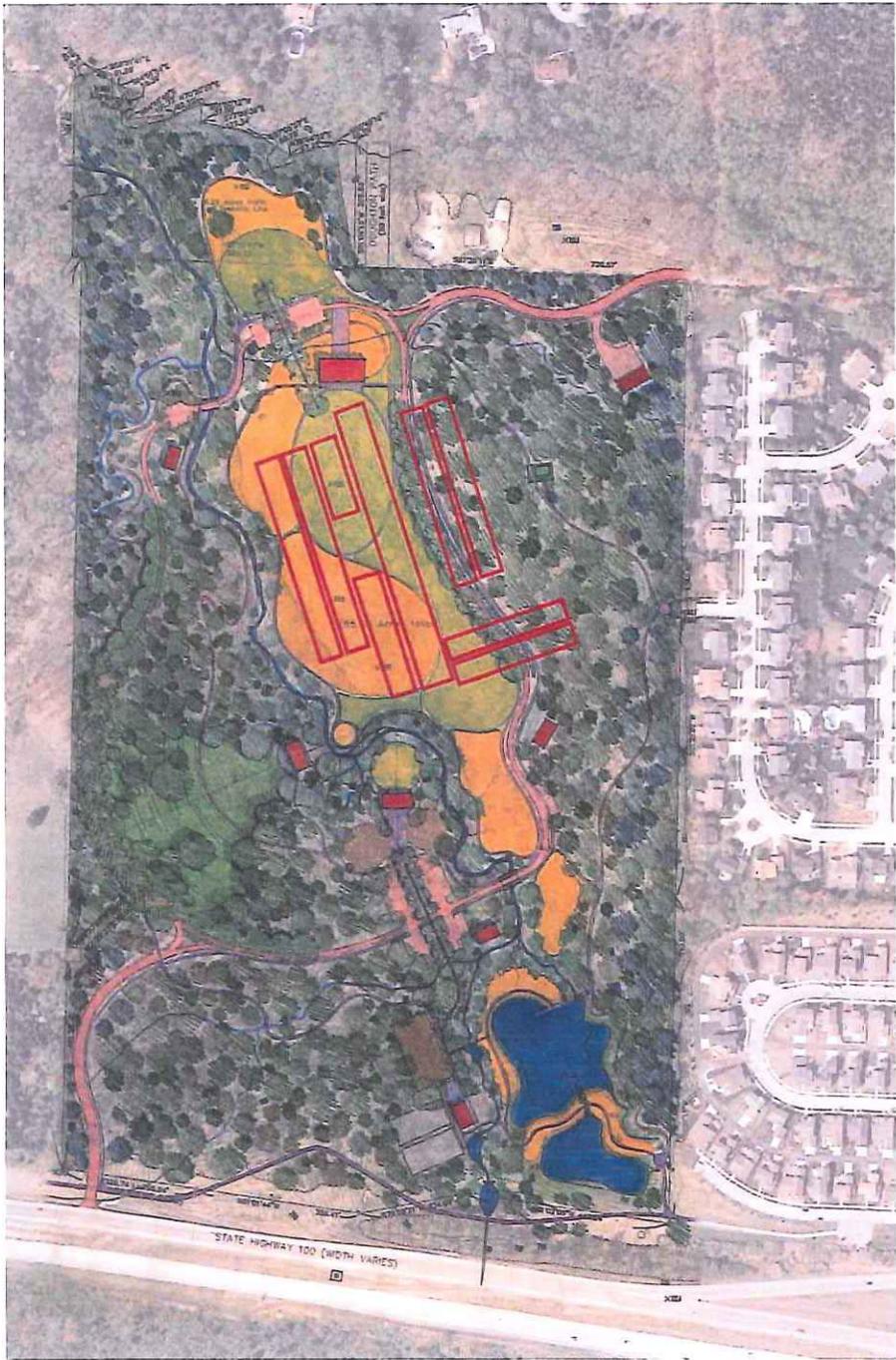
Shortleaf Pine  
 Scarlet Oak  
 Black Oak  
 Sassafras  
 Red Cedar  
 White Pine

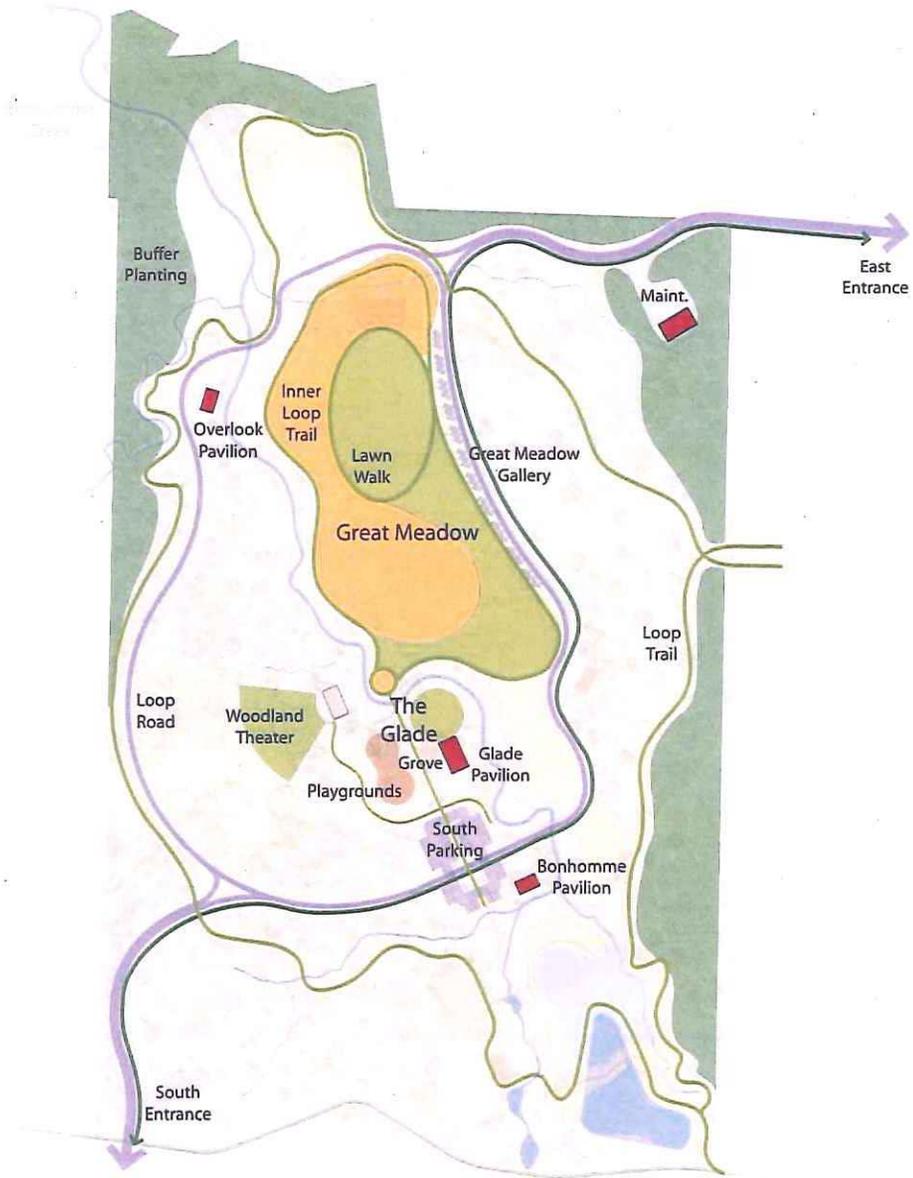
### Riparian Forest

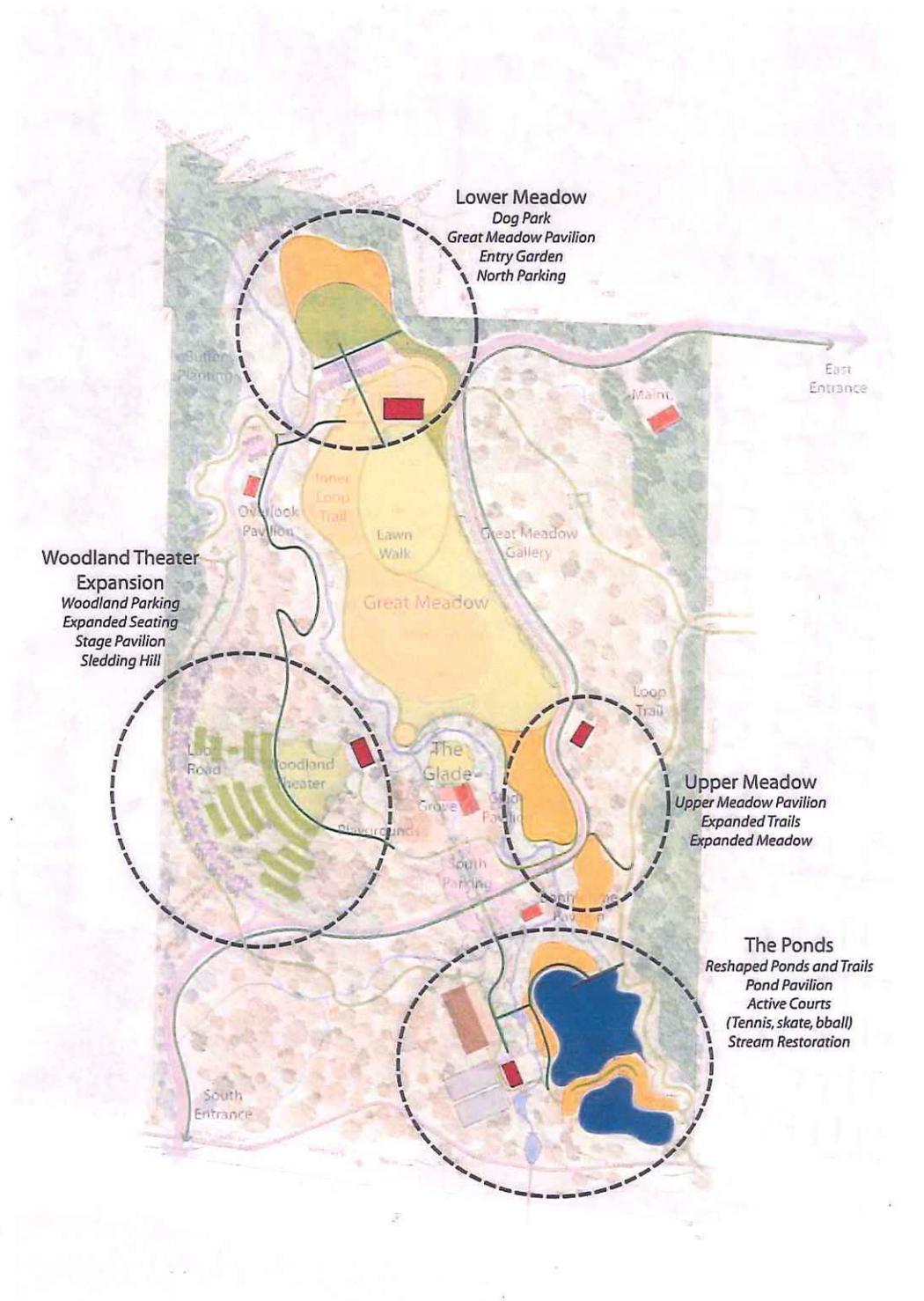
Sycamore  
 Cottonwood  
 Hackberry  
 Sweetgum  
 Sugarberry  
 Hornbeam  
 Witchhazel

### Wetland Plant Community

Bulrushes  
 Sedges  
 Arrowheads







**Lower Meadow**  
 Dog Park  
 Great Meadow Pavilion  
 Entry Garden  
 North Parking

**Woodland Theater**  
 Expansion  
 Woodland Parking  
 Expanded Seating  
 Stage Pavilion  
 Sledding Hill

**Upper Meadow**  
 Upper Meadow Pavilion  
 Expanded Trails  
 Expanded Meadow

**The Ponds**  
 Reshaped Ponds and Trails  
 Pond Pavilion  
 Active Courts  
 (Tennis, skate, bball)  
 Stream Restoration

Which character of playground appeals most to you?

1

Manufactured Play System



2

Designed, site built system



3

Natural Playground



Which type of natural  
playground appeals most to  
you?

1

'Natural' Playground  
System



2

Designed Natural  
Playground w/ natural  
elements



3

Natural Play  
landscape

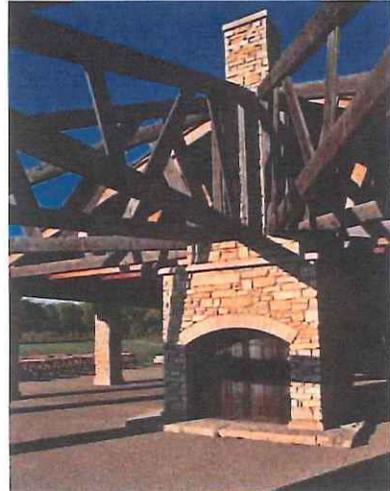


Which architectural character for park structures appeal most to you?

Traditional, familiar



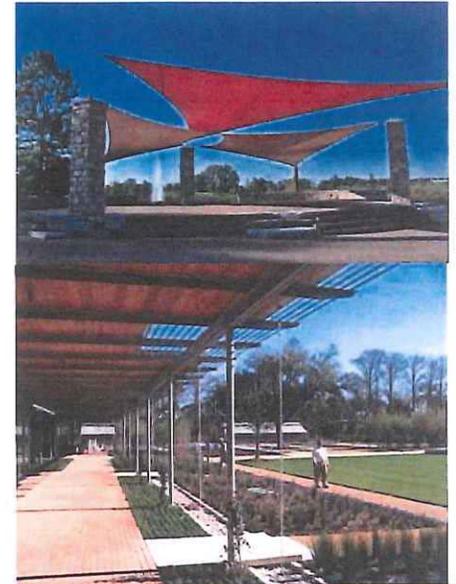
Updated versions of Traditional



Regional Contemporary



Contemporary



A community gathering space such as an amphitheater is being considered. Which character of amphitheater appeals most to you?

More Informal,  
Less Structure



More constructed,  
More amenities



A community gathering space such as an amphitheater is being considered. Which character of amphitheater appeals most to you?

Open, shaped lawn bowl; no structure



Minimal structure  
Small informal



Smaller gathering spaces



A community gathering space such as an amphitheater is being considered. Which character of amphitheater appeals most to you?

More Integration w/  
trees, Shady, intimate



More open and airy,  
Larger capacity



Existing Meadow:  
Broom sedge  
Blackberries  
Briars

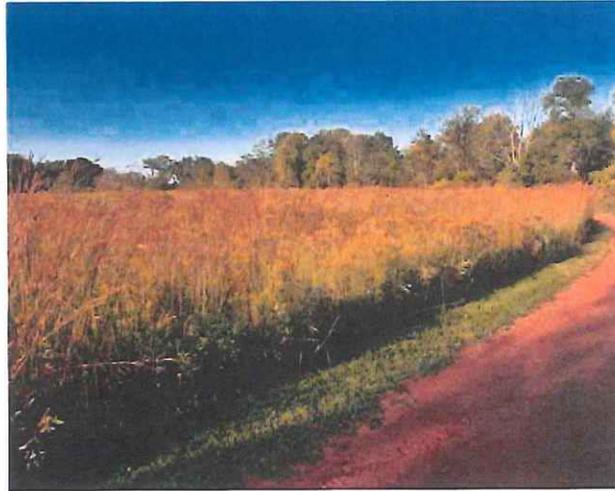
*Wildest*  
\$



Which type of meadow would you hope to see featured at Wildwood Community Park ?

Warm Season Grass  
Meadow:  
Bluestem  
Indian Grass  
Some Wildflowers

*Wild*  
\$\$



Native  
Wildflower  
Meadow:  
Black Eyed  
Susan  
Echinacea  
Native  
Wildflowers



Which type of paths through meadows would you hope to see at Wildwood Community Park ?



Mown Path  
informal

Crushed  
stone  
or paved



Mown Path  
groomed

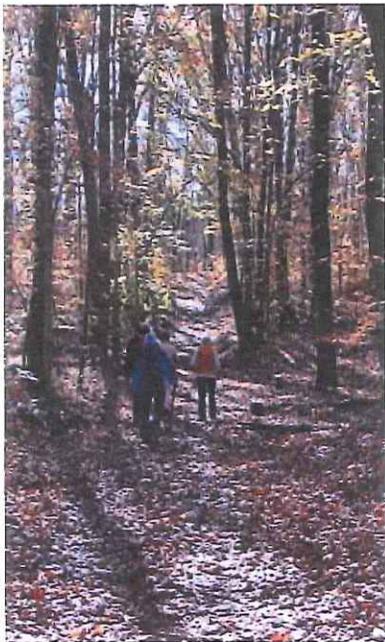
Formal  
paved



## Paved and graded Multi-use



## Hiking Trail

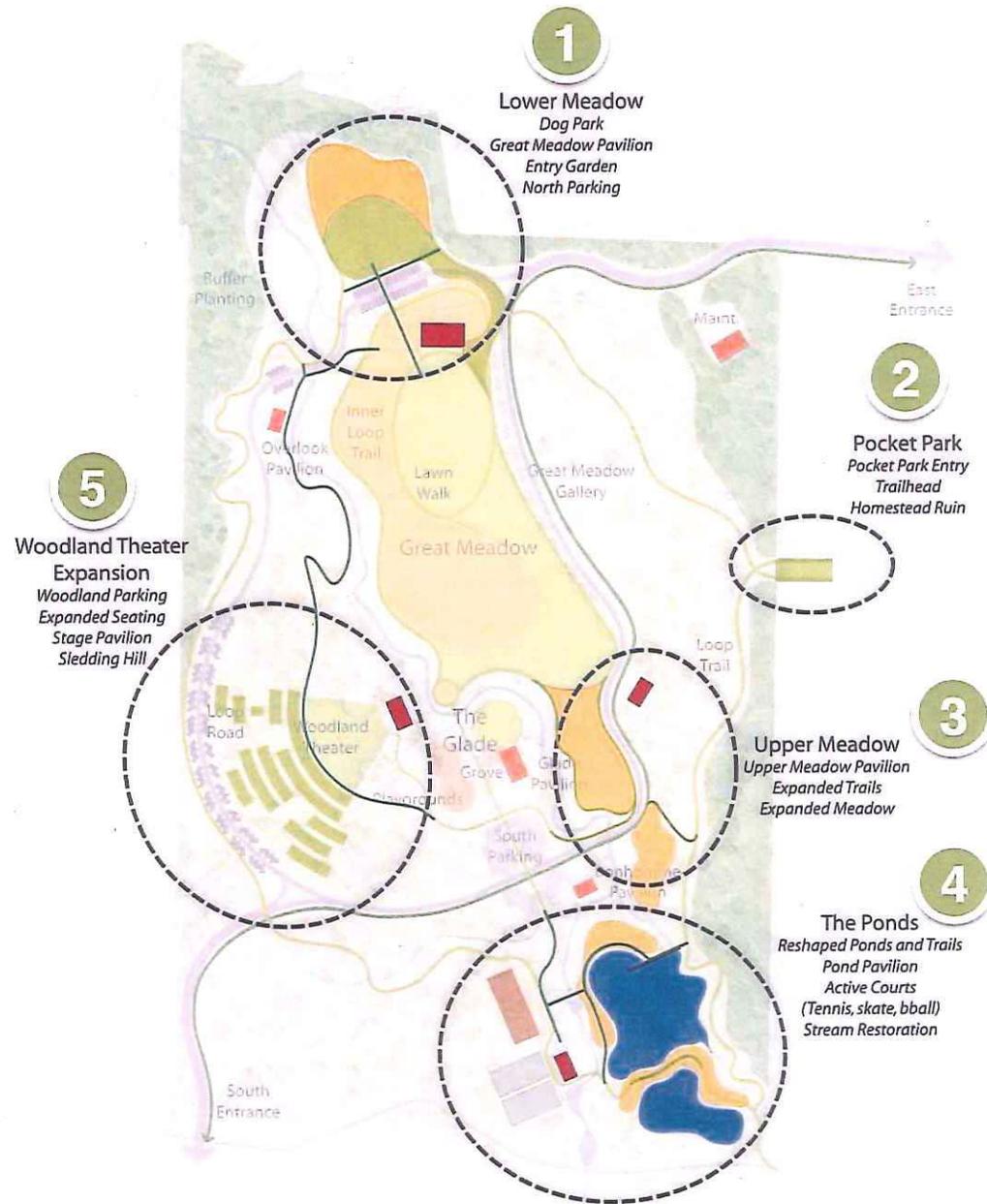


Wildwood Community Park  
would likely contain multiple  
trail types.  
Which trail type do you  
personally prefer to use?



## Crushed stone Multi-use

The following are packages of park upgrades that Wildwood could incorporate. In what order would you prioritize these upgrades?



Goals & Background

Site Photos & Site Analysis

Program

Comparable Projects

Public Participation

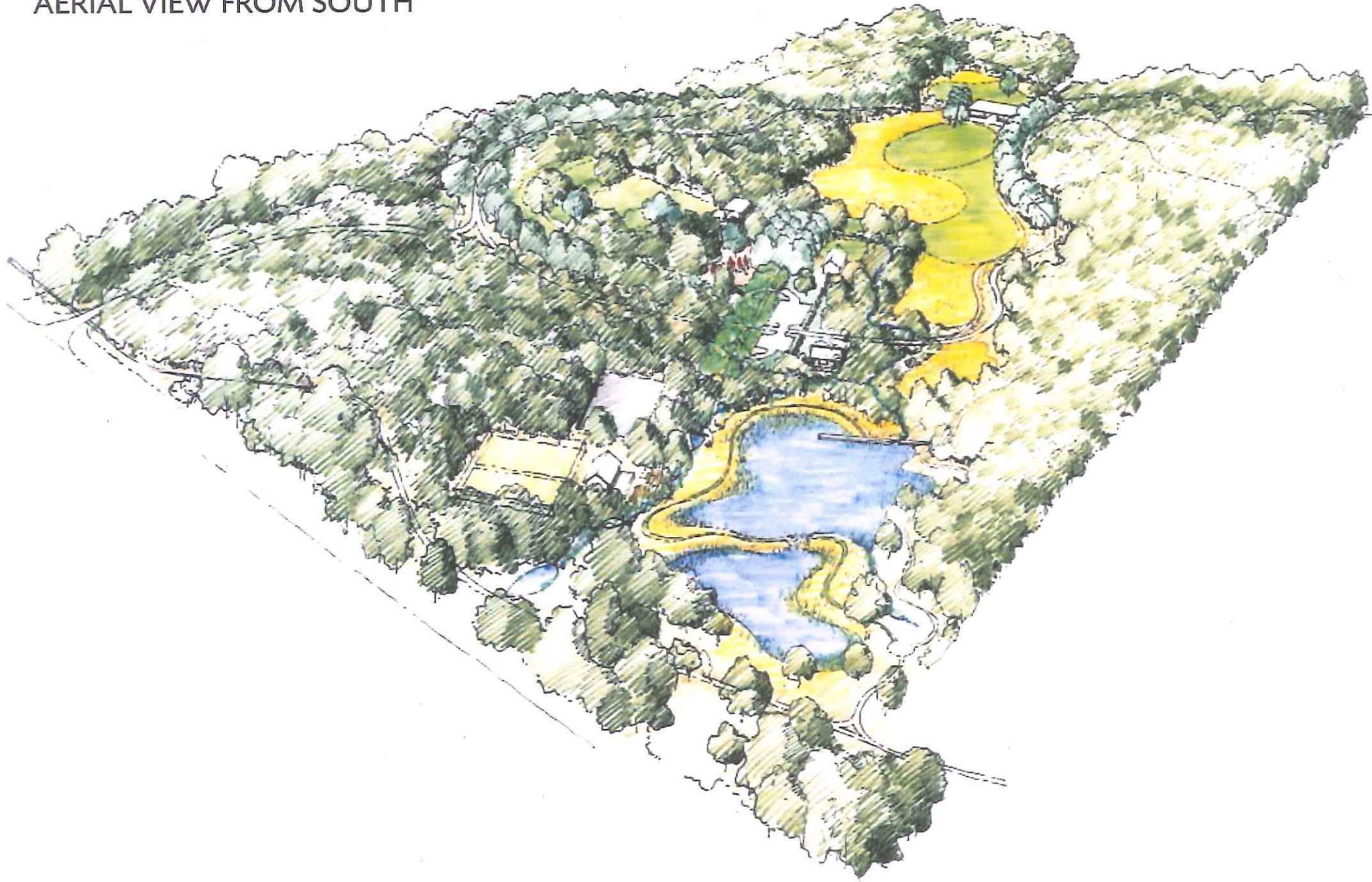
Development Frameworks & Conceptual Ideas

The Master Plan

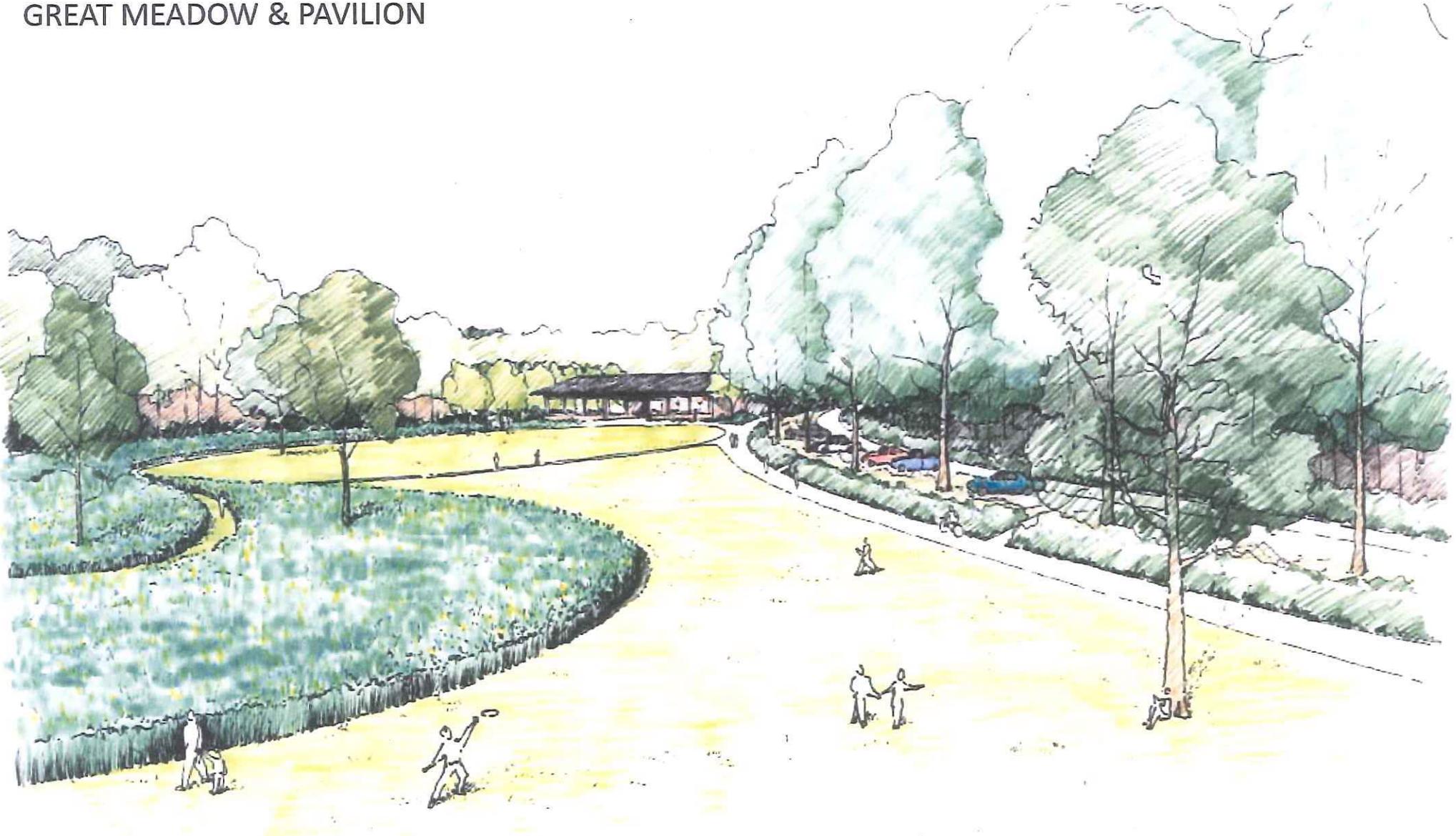
Phasing & Costs



# AERIAL VIEW FROM SOUTH



# GREAT MEADOW & PAVILION

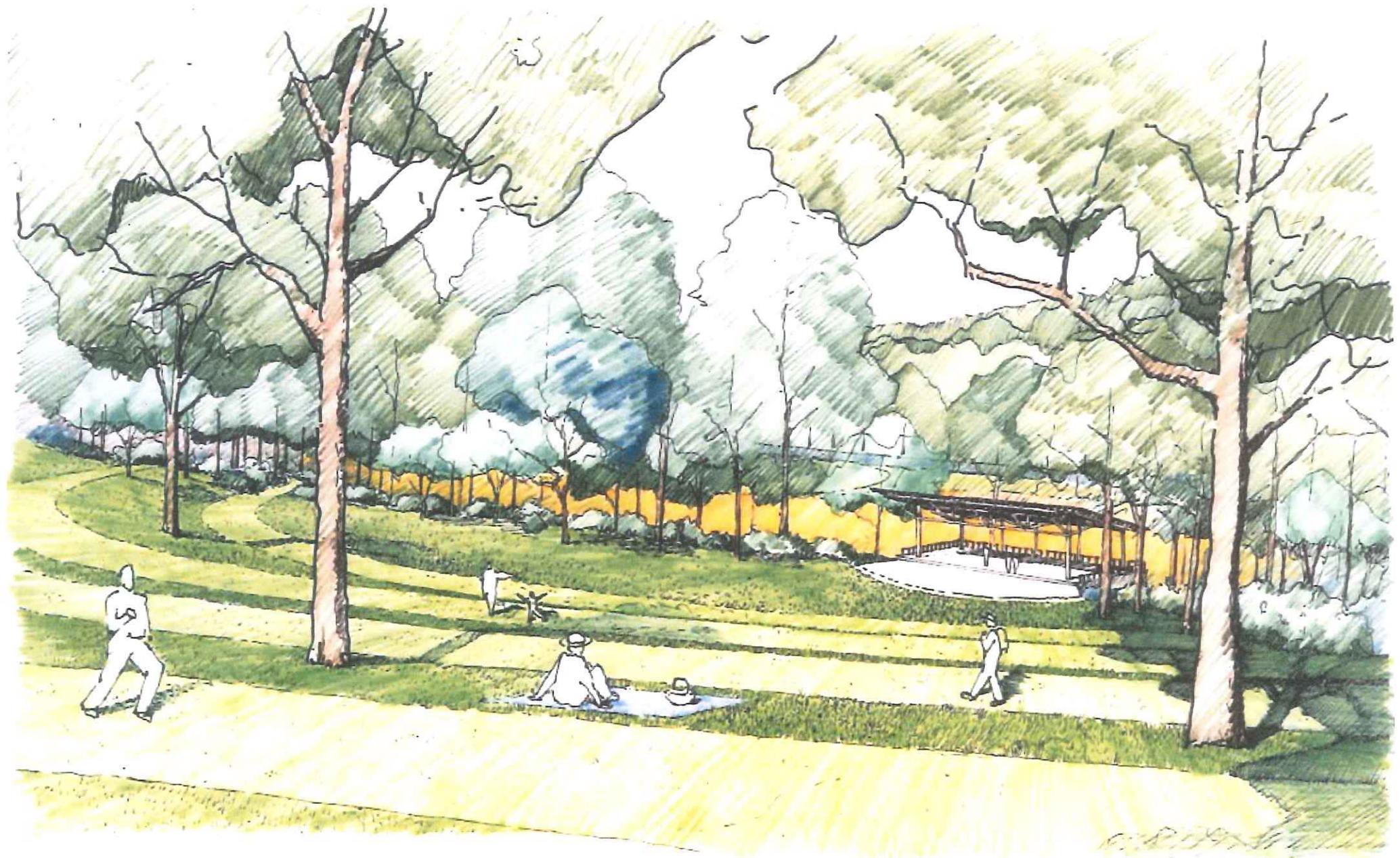


# THE PONDS



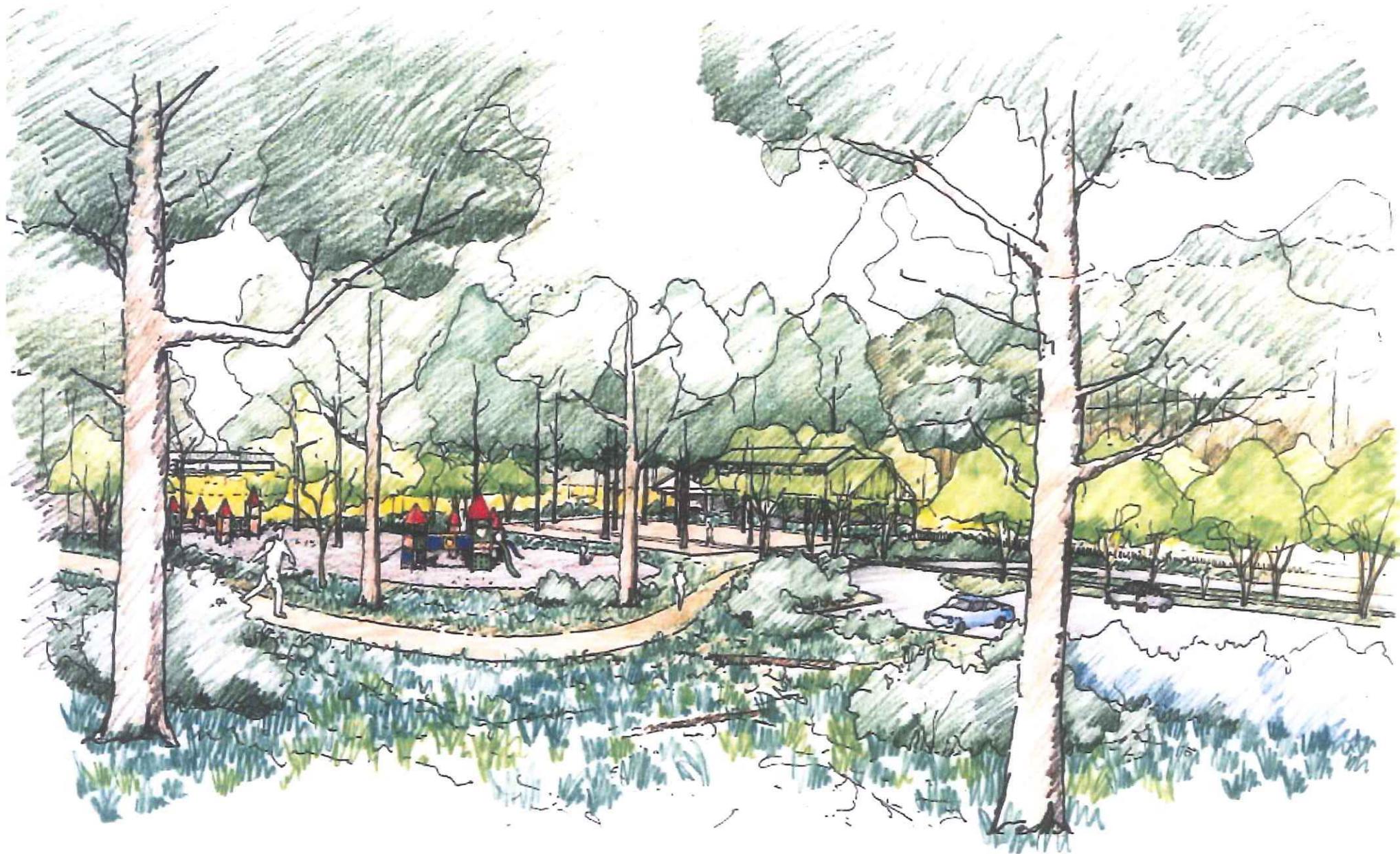
# WOODLAND THEATER

# TREE HABITAT & COVERAGE



THE GLADE

TREE HABITAT & COVERAGE



Goals & Background

Site Photos & Site Analysis

Program

Comparable Projects

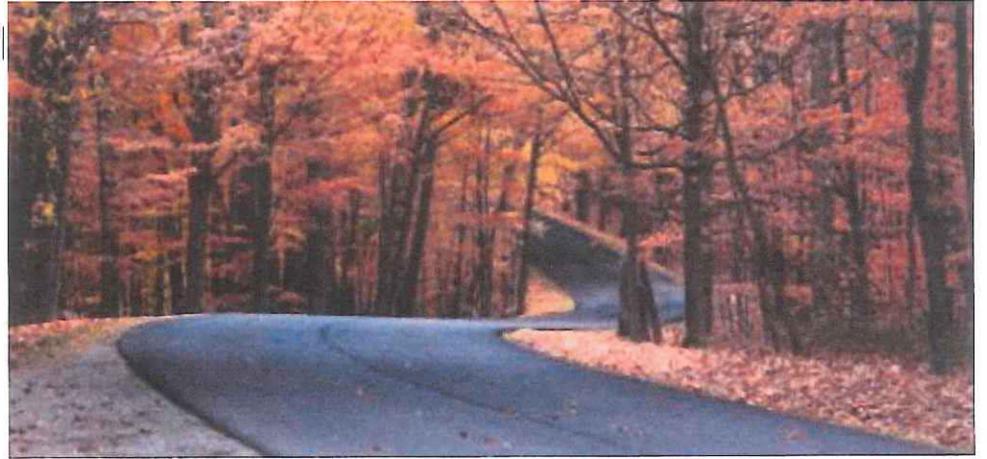
Public Participation

Development Frameworks & Conceptual Ideas

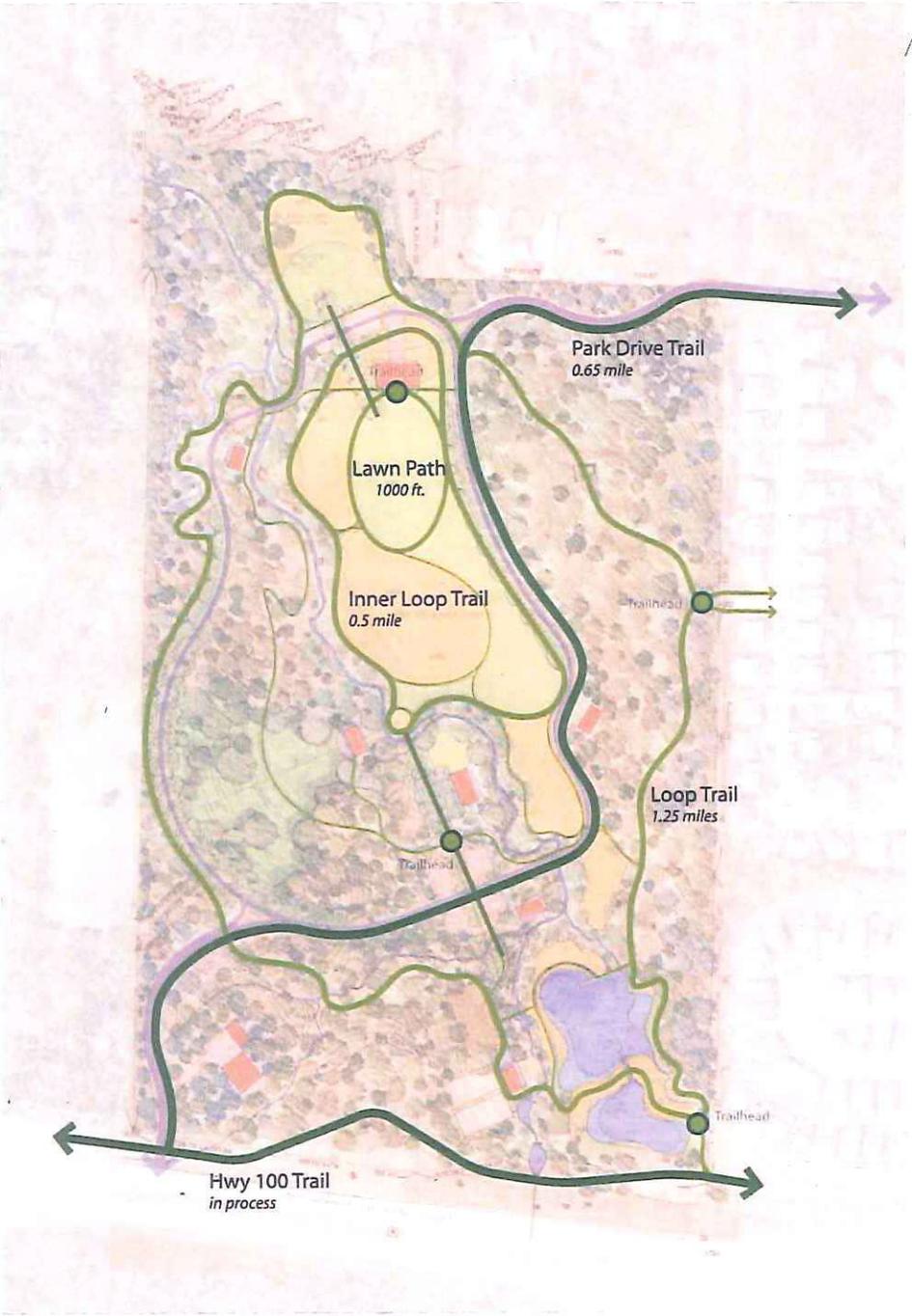
The Master Plan

Phasing & Costs

# ROADS & PARKING



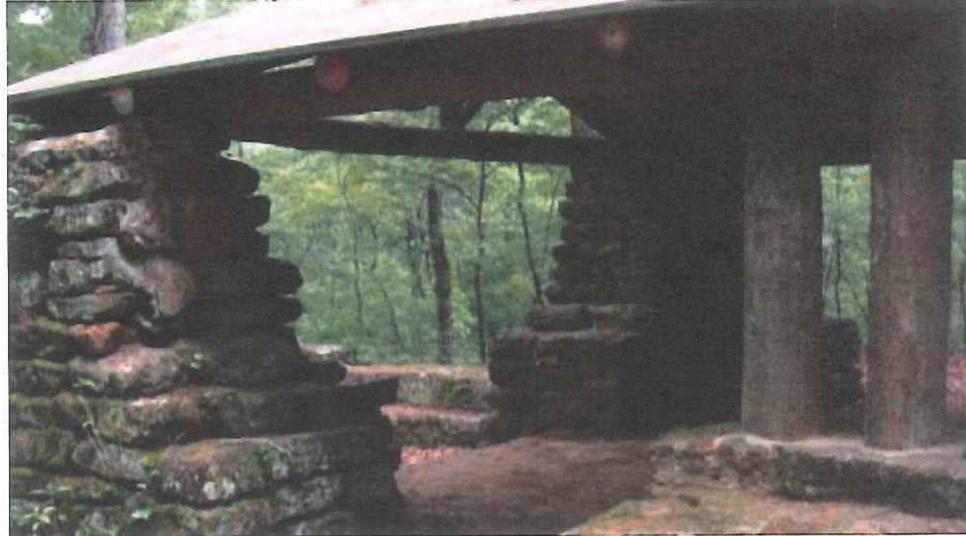
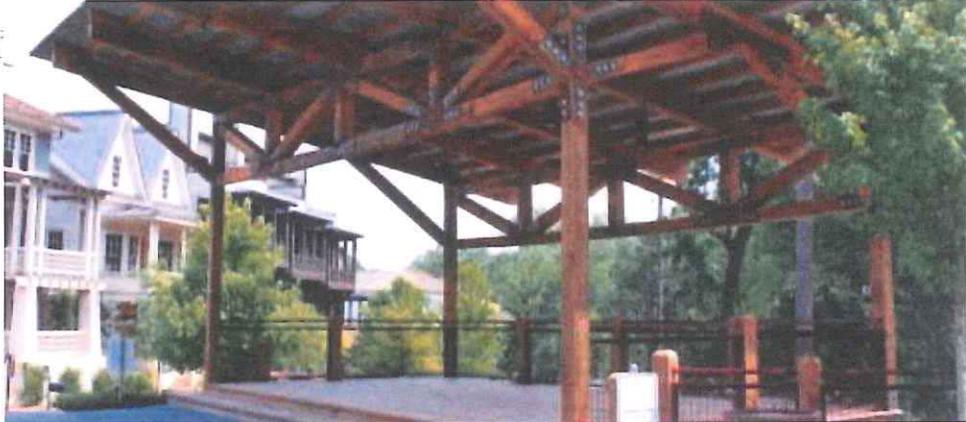
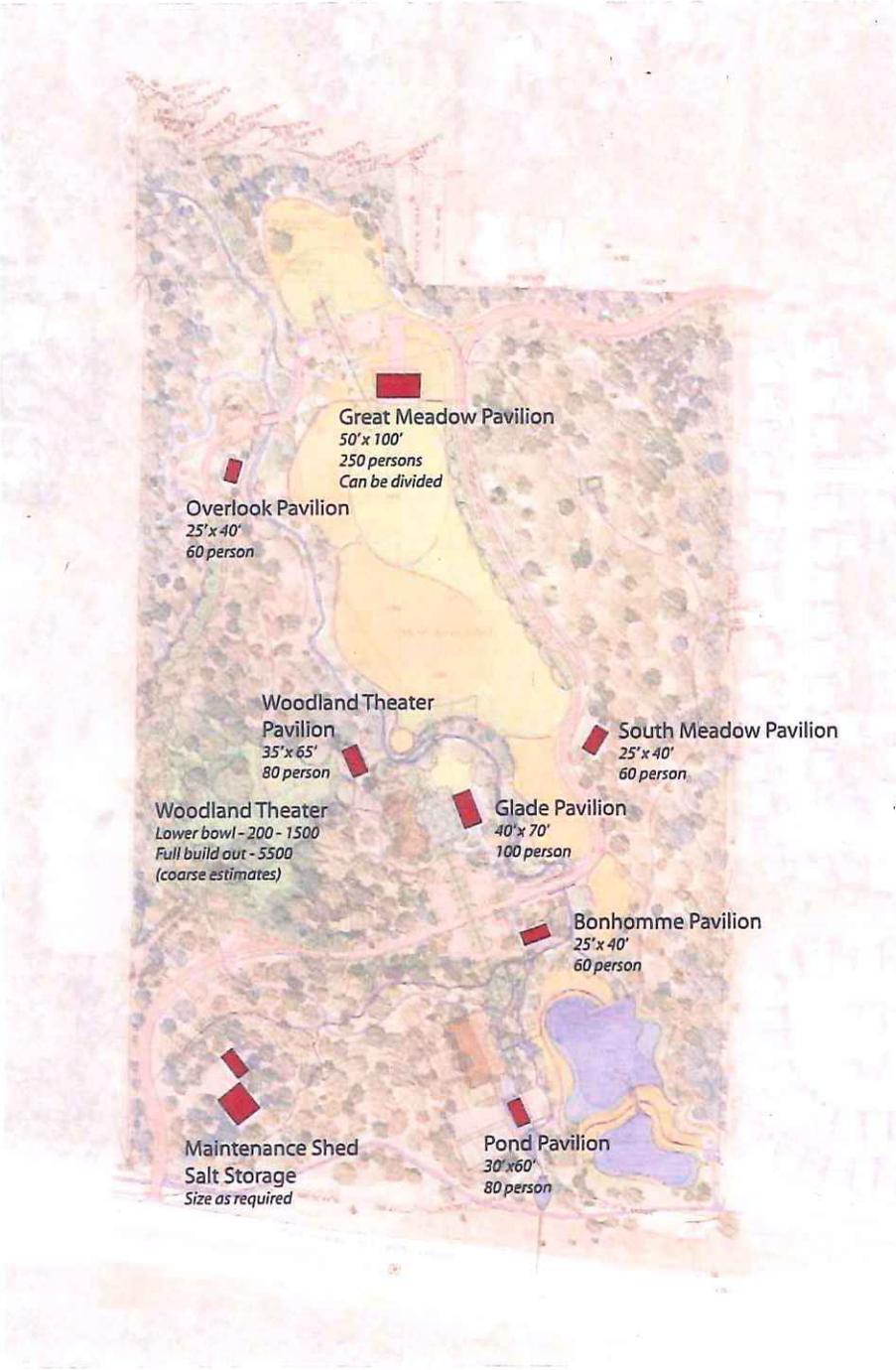
# PATHS & TRAILS



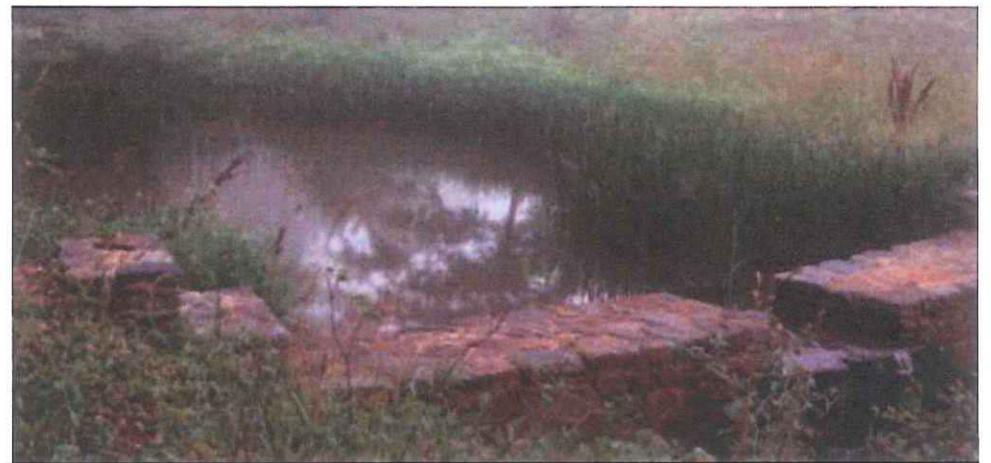
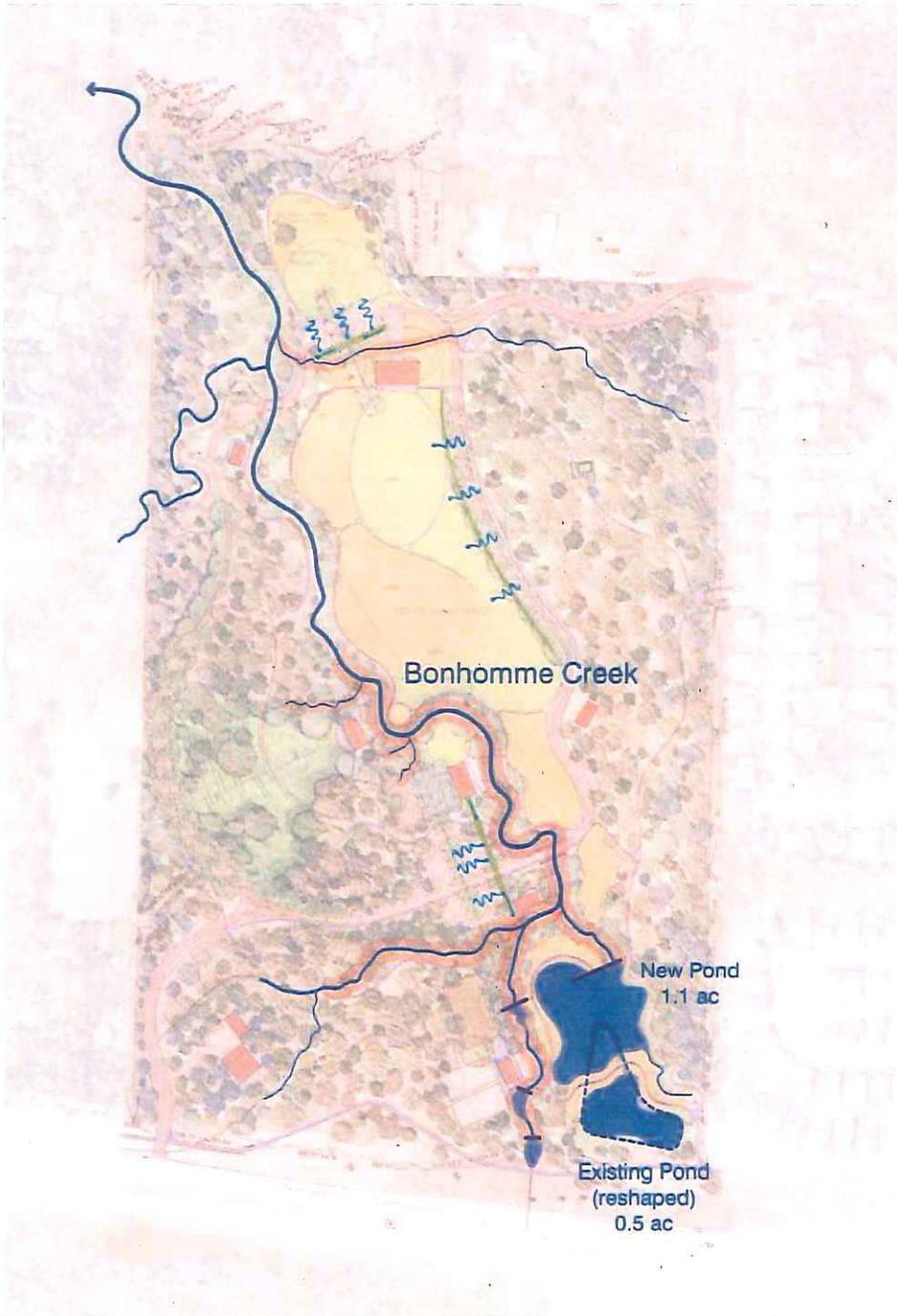
# LAWN, FIELD & MEADOW



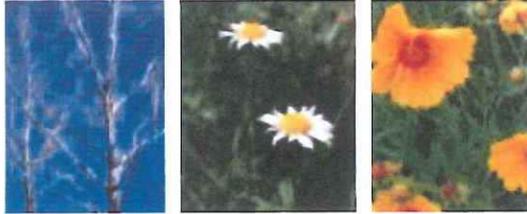
# STRUCTURES



# HYDROLOGY – PONDS & STREAMS



# PLANT COMMUNITIES



**Riparian Forest**

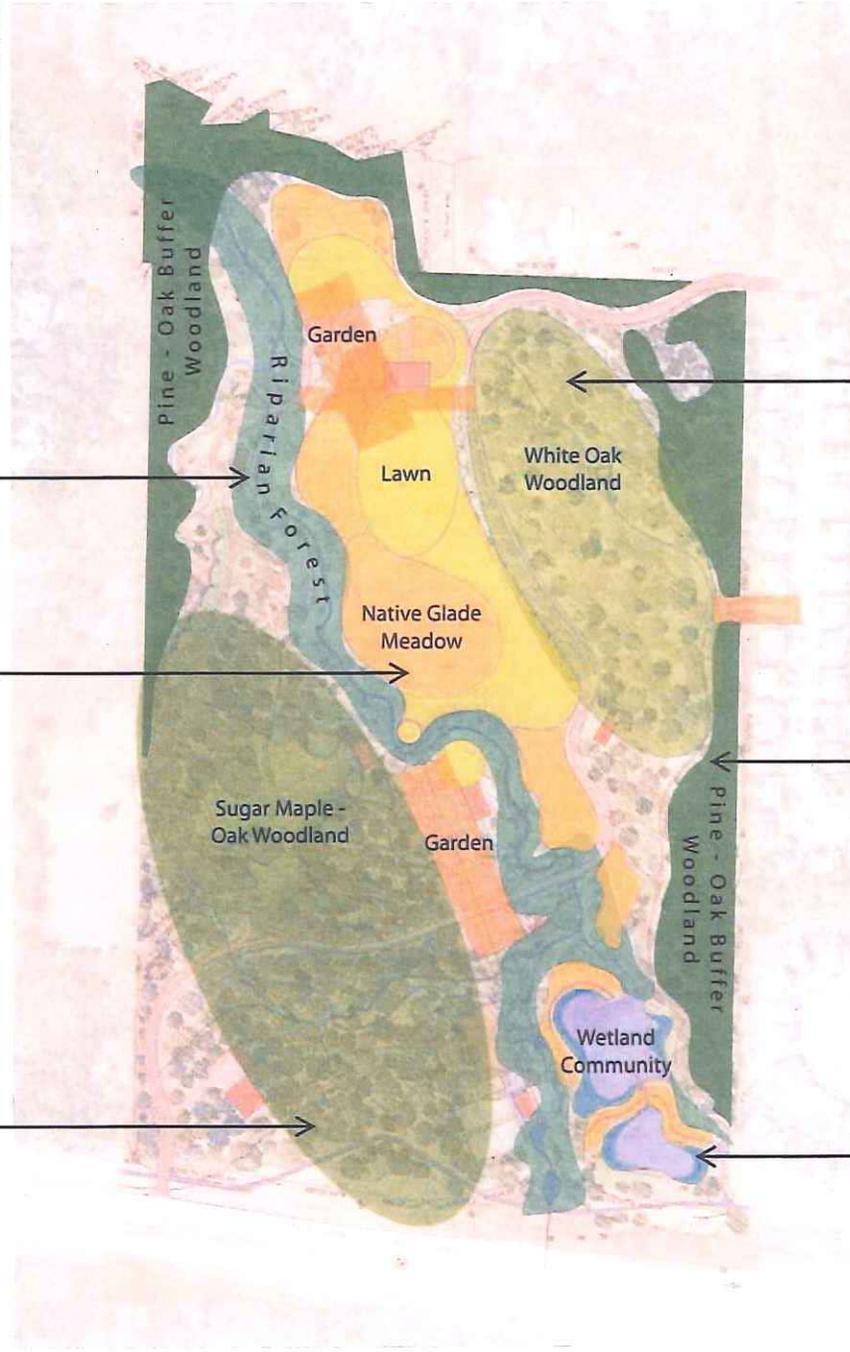
- Sycamore
- Cottonwood
- Hackberry
- Sweetgum
- Sugarberry
- Hornbeam
- Witchhazel

**Native Glade Meadow**

- Little Bluestem
- Sideoats Gramma
- American aloe
- purple prairie clover
- false boneset
- Missouri orange coneflower

**Sugar Maple - Oak Woodland**

- White Oak
- Red Oak
- Sugar Maple
- Hickory
- Black Gum



**White Oak Woodland**

- White Oak
- Black Oak
- Post Oak
- Black Hickory
- Blackhaw
- Redbud

**Pine – Oak Buffer Planting**

- Shortleaf Pine
- Scarlet Oak
- Black Oak
- Sassafras
- Red Cedar
- White Pine

**Wetland Plant Community**

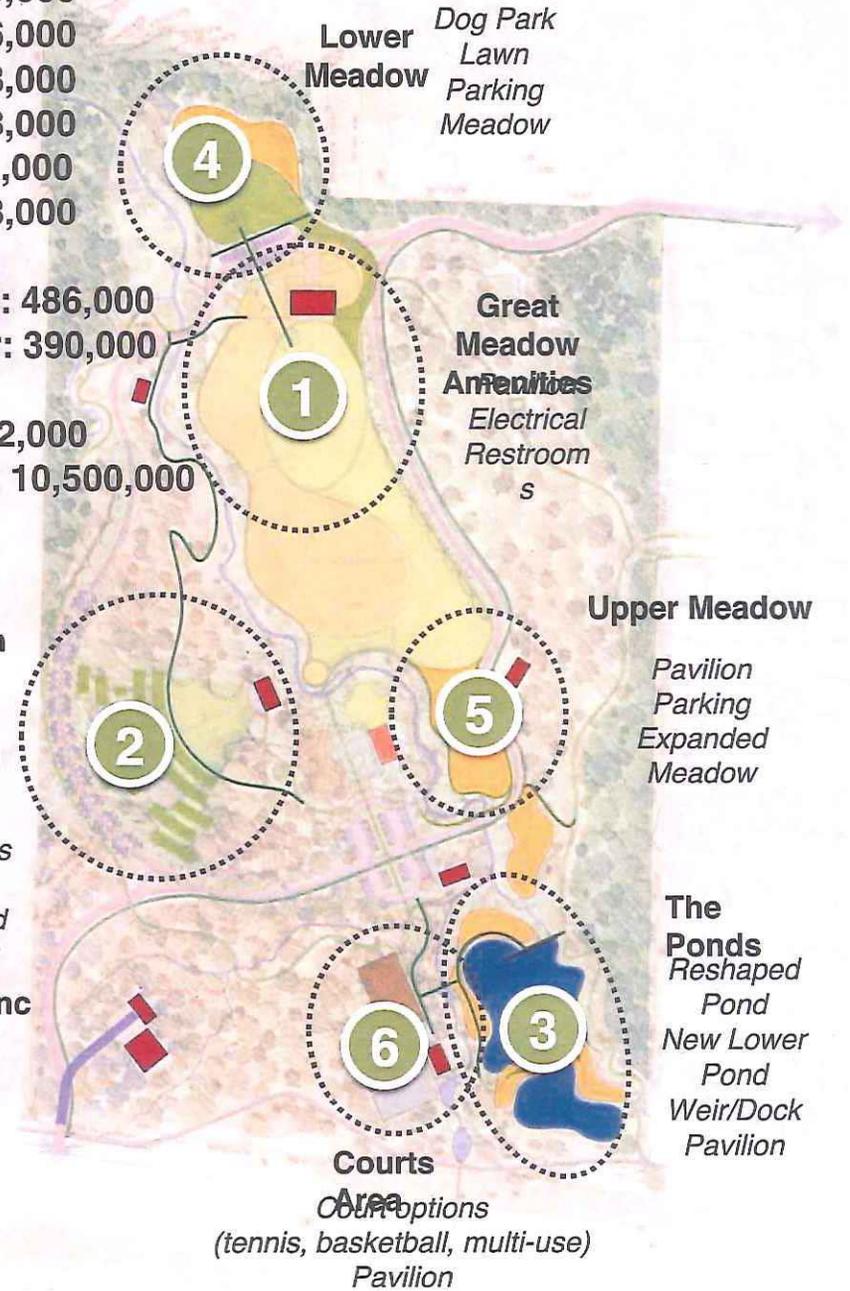
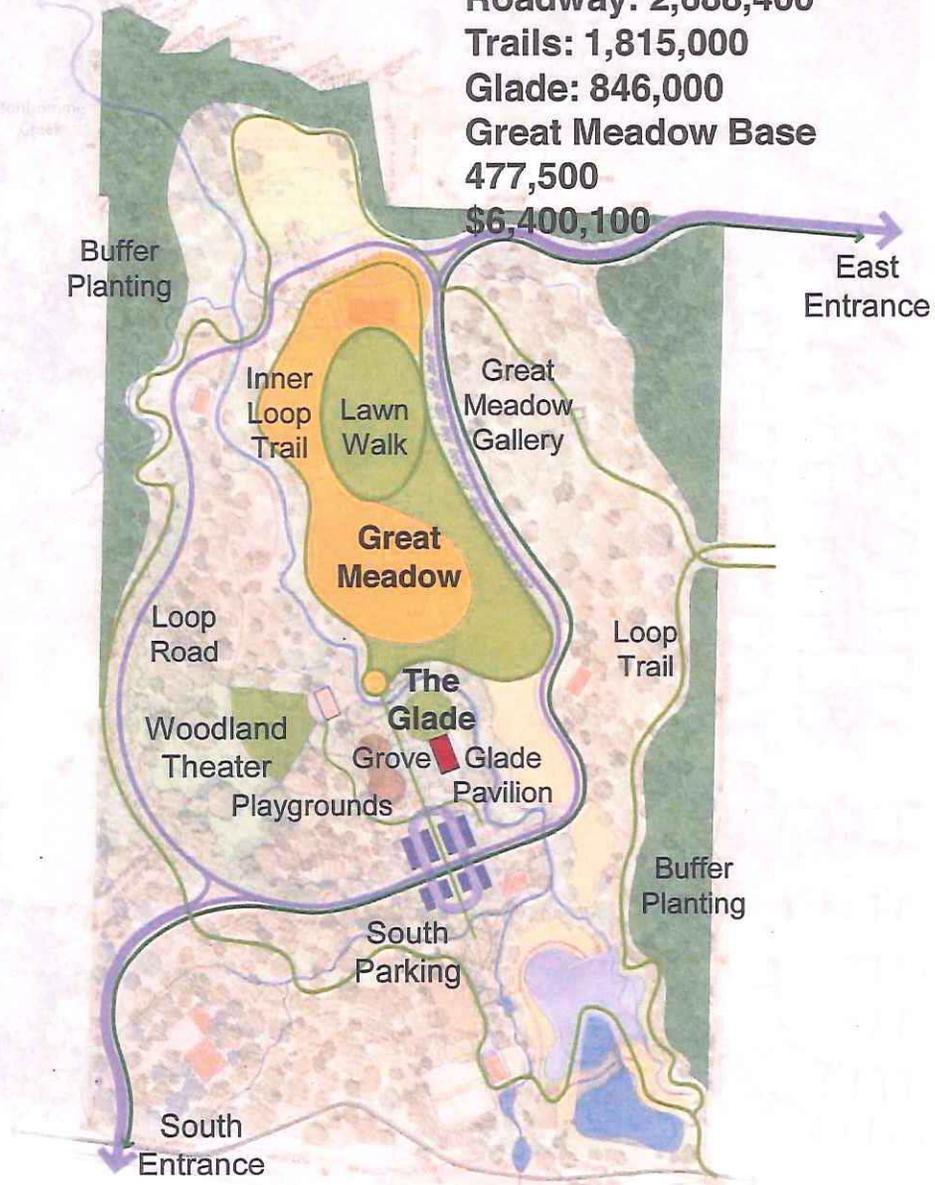
- Bulrushes
- Sedges
- Arrowheads

# PHASING OPTIONS

**Base Installation**  
 Roadway: 2,688,400  
 Trails: 1,815,000  
 Glade: 846,000  
 Great Meadow Base  
 477,500  
**\$6,400,100**

**Additional Options**  
 1. 420,000  
 2. 336,000  
 3. 918,000  
 4. 438,000  
 5. 111,000  
 6. 963,000

Maint: 486,000  
 Other: 390,000  
**\$4,062,000**  
**Total: 10,500,000**



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