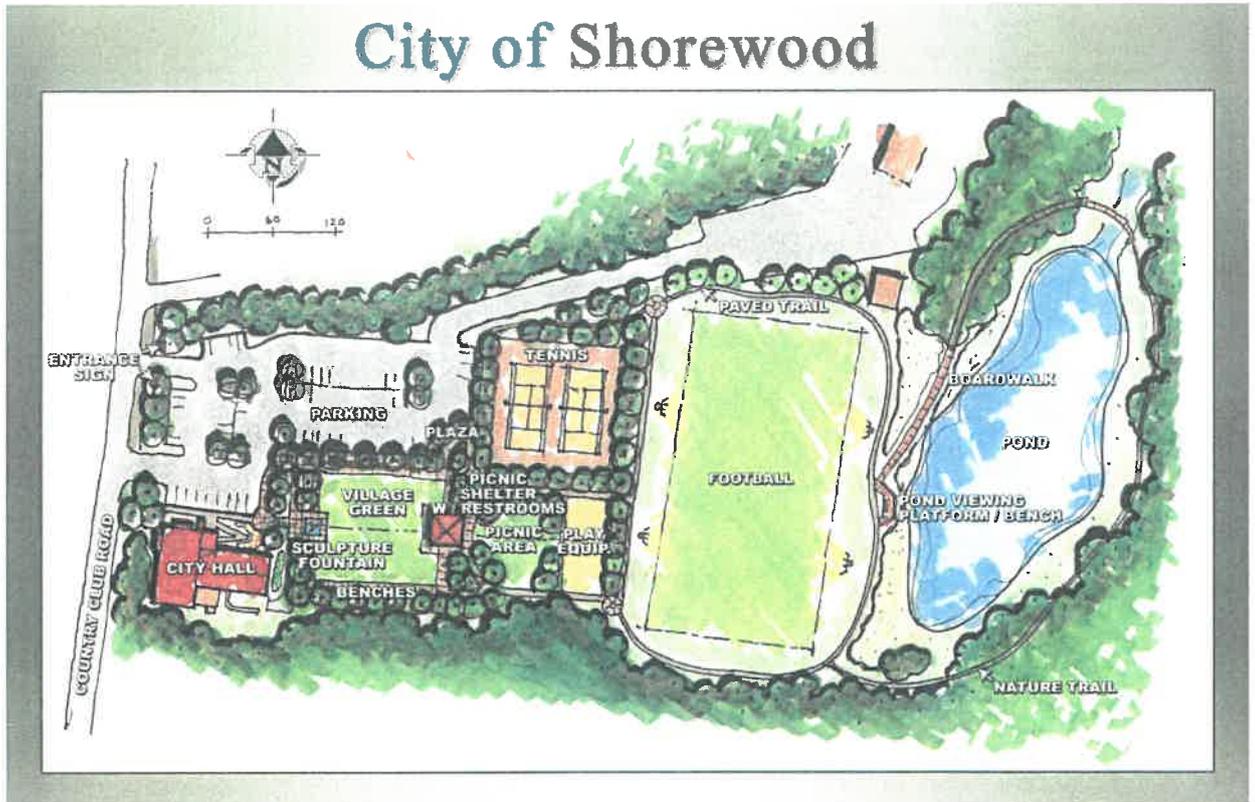


# PARKS MASTER PLAN UPDATE

## City of Shorewood



*Shorewood, Minnesota*

June 9, 2009  
Project No. 14358.000

**TKDA**

ENGINEERING • ARCHITECTURE • PLANNING

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# Parks Master Plan Update

## City of Shorewood

June 9, 2009

### OVERVIEW

The City of Shorewood completed a Master Plan for its parks in 2002. The community is nearly fully developed and is not planning to add new park sites. The existing parks are considered adequate in size and location to meet the future needs of the community. This update to the City's Master Plan for its parks focuses on taking a fresh look at five of the City's parks and includes a Master Plan for each park. The City will implement the Master Plans in a phased approach as resources are available to achieve the communities' ultimate, long-term development goals for each of the parks. The master plans for each of the parks create a framework that allows the City to develop its parks in manageable phases. The master plans also provide a basis for the City to apply for different avenues of funding from outside sources.

The five parks reviewed under the Master Plan Update study include Badger Park, Freeman Park, Cathcart Park, Manor Park, and Silverwood Park. In addition to looking at these parks individually, the study looked at how the different parks work together to provide the community with desired overall park system recreational facilities. Design elements were identified that could be repeated throughout the park system to help develop visual continuity and create an identifiable image for the City of Shorewood park system. These elements are described under Unifying Elements following this section of the report.

The Master Plan Update study also included development of a building prototype that could be used in all of the parks to provide architectural continuity throughout the entire park system.

Concept level itemized cost estimates were developed for each of the parks to assist in developing budgets and making informed decisions for phased development of the park system.

### PLANNING PROCESS

Park planning efforts were facilitated by the following process:

- Initial kickoff meeting and parks tour with several members from the Park Commission and City staff.
- Evaluation of existing park facilities and development of initial concepts/options for potential future park development and for park structure prototype.
- First Park Commission Meeting to review concepts and options to determine the preferred direction for master plan development in the different parks and for a park structure prototype.

- Refinement of master plan graphics and park structure prototype to reflect input from first Park Commission Meeting. Development of concept level estimate of probable construction cost.
- Second Park Commission Meeting to review refined concepts, park structure prototype, and cost estimates.
- Finalize master plan graphics, park structure prototype, cost estimates, and develop narrative of Park Master Plan Updates to include as an appendix to City Park Master Plan document reflecting input from the Park Commission Meetings.
- Provide City with electronic copy of park graphics, park structure prototype, cost estimates, narrative, and one set of full sized boards of park plans and park structure prototype for public display.

### UNIFYING ELEMENTS FOR THE SHOREWOOD CITY PARK SYSTEM

Several park design elements were identified during the planning process that could be repeated throughout the park system to develop visual continuity and create an identifiable image for the City of Shoreward park system and are listed below.

- Central gathering spaces - a place to identify as the focus of each of the parks (Central Lawn, Village Green, Gathering Plaza, etc.). This would be the one place in each park that a visitor would identify as the space to meet someone.
- Park structures – common design theme and materials for all structures including picnic structures, warming shelters, restrooms, etc.
- Entrance signs – common design theme and materials for all park signage, with an emphasis on substantial, solid looking entrance signs using the same materials as in the park buildings, including the type of stone used on the renovated City Hall.
- Community gardens.
- Trails/walks to define and connect spaces.
- Trees and plantings to define and reinforce park spaces.
- Emphasis on native plantings and green design.
- Each park to develop its own signature species of tree(s) in a significant portion (central gathering space) of the park, to identify that park as the one with the tall white pines, the grand old oak trees, the sun dappled aspens and birches, etc.

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## BADGER PARK

### Background

Badger Park, located adjacent to the Shorewood City Hall, is somewhat centrally located within the City. It currently provides facilities for football, a warming house for hockey and free skating, play equipment, and two tennis courts. It was determined during the initial kickoff meeting that the football field should remain in this park due to recent investments in the field and lighting system, and the high use and popularity of this facility. Kickoff meeting attendees indicated that there could potentially be more flexibility in the retention or reconfiguration of the other park facilities. The warming shelter needs maintenance or replacement if skating remains in this park.

The Park Commission also noted that a key issue for Badger Park is connecting the Park to the City Hall, including physical connections as well as creating a unifying aesthetic between the park and City Hall.

### Concept Plan Review

Two concepts were developed and presented at the Park Commission Meetings.

Concept A retained all the major recreation components in their current locations (football, hockey and tennis), and focused on developing the spaces in between and adjacent to the major components to provide trails, walks, and spaces for gathering and social interaction.

Concept B retained the football field in its current location, but rearranged the rest of the park to provide a strong connection to the adjacent City Hall and created a civic campus that could facilitate community gathering and uses for more passive recreation activities than currently exist in the primarily active recreation venues of the existing park. A “Village Green” was developed in the area currently occupied by the tennis courts to provide a more open and inviting entrance to the park from the City Hall. The tennis courts and play equipment were moved to new locations, a new picnic /warming shelter was proposed, with free skating indicated in the Village Green area. Hockey was deleted from the recreation facilities offered at this site. Trails are included to provide a looped walking trail connecting the active and passive recreation areas of the park.

The Park Commission recommended Concept B with modifications including removal of skating entirely from this site and providing the hockey and free skating at Freeman Park. The warming shelter would also be removed and a picnic shelter/restroom provided at Badger Park. The plaza area creates a strong connection between the City Hall and Badger Park. The concept includes signage near the City Hall entry that provides information about the park as well as City Hall. It also includes creation of a buffer between the park and adjacent businesses to the north, as recommended by the Park Commission.

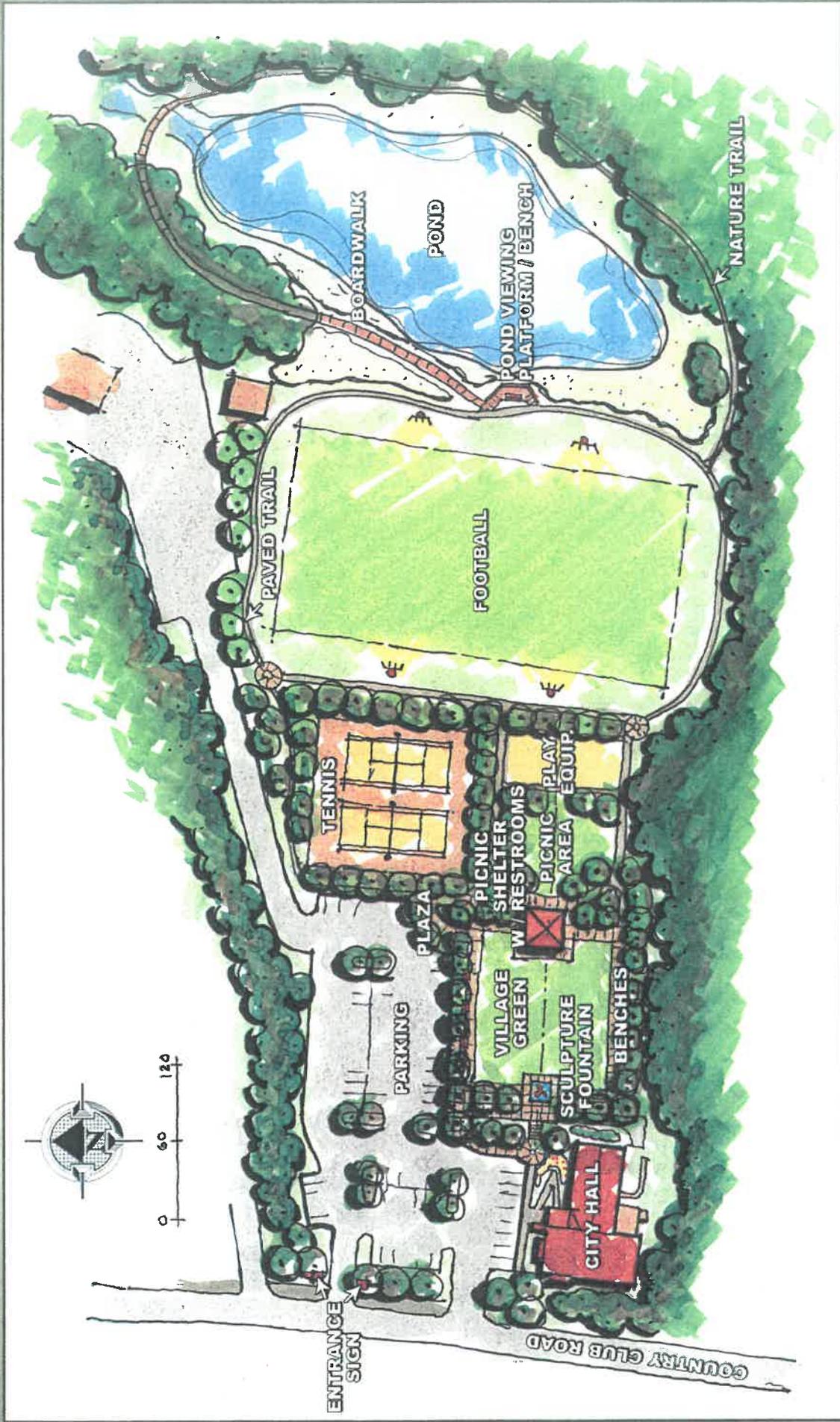
### Final Master Plan Summary

The Badger Park Master Plan provides a variety of spaces and recreation facilities that offer opportunities for both active and passive recreation. A primary feature of the design is a “Village Green”

at the City Hall side of the park that can serve as a gathering space for the community and a front yard for both the park and City Hall. The Park Master Plan includes the following components:

- A “Village Green” that visually connects the City Hall to the Park and provides opportunity for a community gathering area.
- Concrete and decorative paver walkways/plaza areas under a colonnade of shade trees to define the Village Green space.
- Benches looking into the Village Green from the surrounding walk/plaza areas encourage socializing and leisure activities.
- A picnic shelter with restrooms forms a focal point on axis at the east end of the Village Green and incorporates the natural stone of City Hall to visually tie the design together.
- A sculpture and/or water feature is shown opposite the shelter on axis at the west end of the Village Green and may also incorporate the City Hall stone into its design.
- A picnic area is provided just east of the picnic shelter/restrooms.
- Play equipment is located just to the east of the picnic area.
- Two tennis courts north of the picnic and play equipment areas.
- Existing, lighted football field will remain in its current location.
- Bituminous paths to connect spaces and help define different park use areas.
- Pond viewing platform with a bench for observing wildlife.
- Boardwalk and woodchip trail to provide a varied walking experience and access to the more natural areas of the park.
- Use of tree plantings to define the various park activity areas.
- Common design entrance signs at entrance to park/City Hall campus.
- Landscaping along north side of property to provide a green screen between the park and the businesses to the north.
- Site lighting and signage

# City of Shorewood



# Badger Park Master Plan

**Badger Park**  
**City of Shorewood**  
**Master Plan Improvements**  
**Concept Level Estimate of Probable Construction Cost**  
TKDA Project No. 14358-000  
9-Jun-09

<u>Description:</u>	<u>Unit:</u>	<u>Quantity:</u>	<u>Unit cost:</u>	<u>Total:</u>
Misc. Removals / Demolition	LS	1	20,000	20,000
Site Grading/soils correction	LS	1	100,000	100,000
Concrete curb and gutter	LF	100	15	1,500
Bituminous parking lot patching	SF	1,000	3	3,000
Bituminous Trail	LF	1,600	20	32,000
Concrete walks/plaza areas/stairs	SF	3,000	5	15,000
Decorative paver walks/plaza areas	SF	3,000	8	24,000
Wood Chip Trails	LF	700	8	5,600
Boardwalks	LF	200	300	60,000
Wood viewing platforms	LS	1	10,000	10,000
Tennis Courts	EA	2	60,000	120,000
Picnic Shelter/Restrooms w/ stone (Type C)	EA	1	240,000	240,000
Utility services	LS	1	20,000	20,000
Entrance & Misc. Signage	LS	1	25,000	25,000
Misc. Site Furnishings (Benches/Tables, etc.)	LS	1	20,000	20,000
Play Equipment Allowance	LS	1	100,000	100,000
Landscaping Allowance	LS	1	50,000	50,000
Sculpture/Fountain Allowance	LS	1	100,000	100,000
Storm water management	LS	1	15,000	15,000
Site restoration	LS	1	20,000	20,000
<b><u>Optional Items</u></b>				
Tennis court Lighting Allowance (optional)	LS	1	30,000	30,000
Misc. Site Lighting Allowance (optional)	LS	1	100,000	100,000
Information Kiosk (optional)	EA	1	20,000	20,000
<b>Total:</b>				<b>1,131,100</b>

**Note:** Above figures are planning level estimates in 2009 dollars for construction costs only. They do not include design fees, permits, material testing, etc., and should be adjusted annually to reflect changes in construction costs due to inflation.

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## FREEMAN PARK

### Background

Freeman Park is the City's largest park and provides a range of activities from picnicking to sporting venues and is the site of the City's popular "Music in the Park" festival. Eddy Station, centrally located in the northern quadrant of the park, is designed as a multiuse building and includes restrooms, concessions, a picnic shelter, storage, and provisions to serve as a warming shelter (although not used for this purpose yet). This northern portion of the park is heavily used for sporting events, but lacks elements to help define spaces and provide a human scale to the use areas. One suggestion during the kickoff meeting was to remove one of the softball fields, provide a venue for winter activities, and utilize Eddy Station as a warming shelter.

The central area of the park, located within a grove of trees, is very popular for picnicking and functions well in its current condition. The southern portion of the park is reserved primarily for organized sports organizations such as little league baseball. Community gardens are planned for an open area south of the little league field area.

### Concept Plan Review

A concept plan was developed for the northern portion of the park and presented at the Park Commission Meetings. Shade trees were proposed to help break up large expanses of sports fields into more comfortable human sized spaces and to provide shade for spectators and players. Trees were placed around the edges of the lawn space on the west side of Eddy Station to provide better definition of this space as the central gathering area of the northern portion of the park, and to block the low western sun from shining in the eyes of the musicians when performing from the picnic shelter portion of Eddy Station. Several picnic shelters have been added to the perimeter of this space to provide a greater diversity of recreation opportunities to this primarily sports-focused area of the park.

The softball field on the north side of Eddy Station has been removed and replaced with hockey, free skating/open lawn area, and a pair of tennis courts. Landscaping that emphasizes restoration of different specific plant communities is proposed around the perimeter where the existing bituminous trail is located. An entrance plaza off of the LRT bike trail welcomes visitors that arrive by bicycle or on foot.

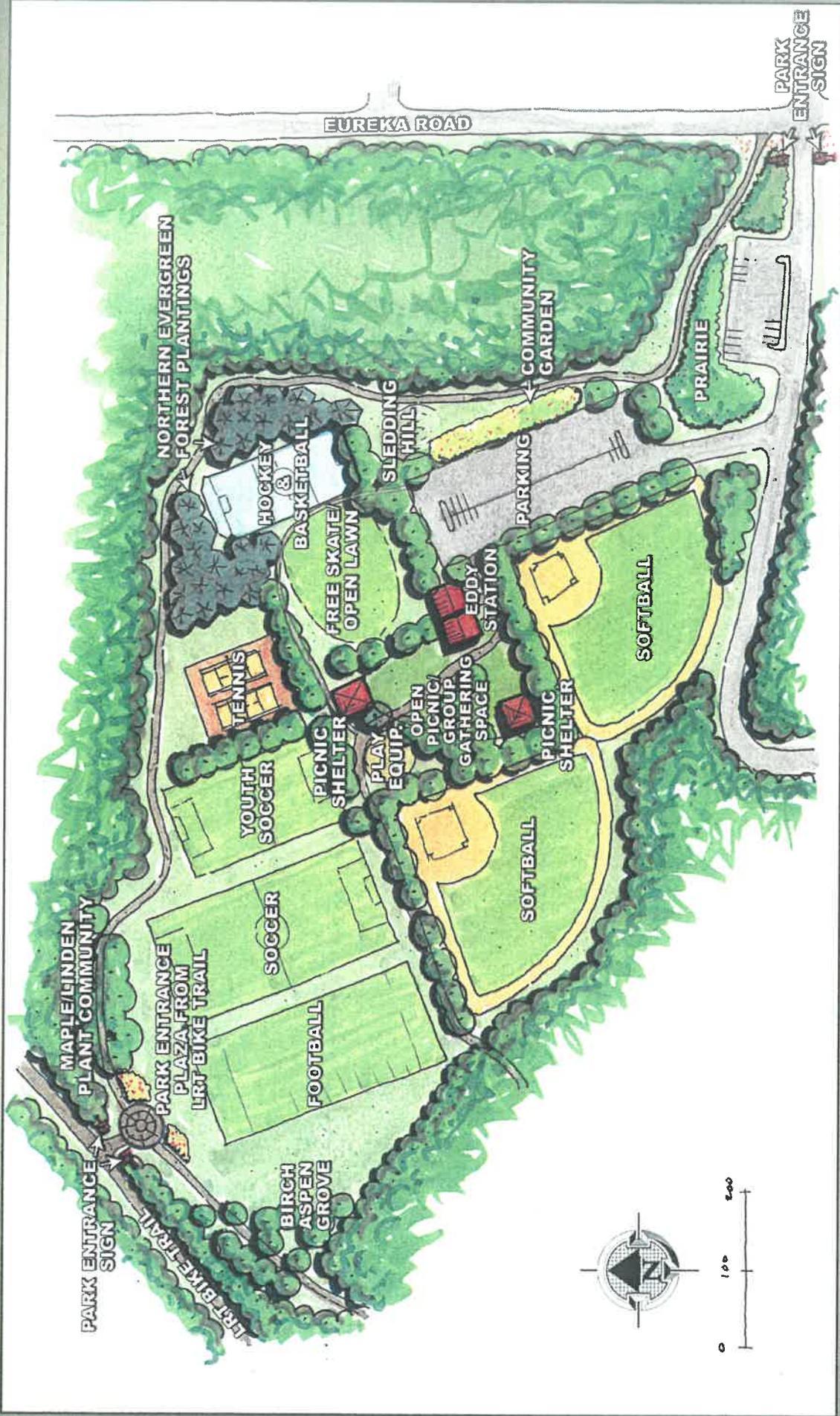
Following review of the concept plan, the Park commission recommended providing space for a community garden next to the parking lot (where the oak/savanna plant community was noted), providing multiuse of the hockey rink by also using the area for basketball in the summer, and adding a bituminous trail from the parking lot to basketball and tennis areas.

### Final Master Plan Summary

The Freeman Park Master Plan increases the variety of recreation facilities offered for both summer and winter visitors. It focuses on more clearly defining use areas, and specifically further developing the space on the west side of Eddy Station as an identifiable central gathering space for the northern portion of the park. The Park Master Plan includes the following components in the north portion of the park:

- A well-defined space through tree plantings and picnic shelter placement on the west side of Eddy Station to serve as the “Central Lawn” and focal point of the northern part of the park.
- Two new picnic shelters to increase picnicking and leisure activities in the park.
- Combination hockey rink and basketball facility.
- Free skate/open lawn area.
- Sliding hill.
- Two new tennis courts.
- Community gardens.
- Bituminous paths.
- Park entrance plaza from LRT bike trail.
- Common design entrance signs at entrance to park from LRT bike trail and from Eureka Road.
- Specific plant community restoration along existing perimeter trail.
- Shade tree plantings to define major use areas.
- Retention of two existing softball fields, youth soccer field, soccer field, and football field.

# City of Shorewood



# Freeman Park Master Plan

**Freeman Park**  
**City of Shorewood**  
**Master Plan Improvements**  
**Concept Level Estimate of Probable Construction Cost**  
 TKDA Project No. 14358-000  
 9-Jun-09

<u>Description:</u>	<u>Unit:</u>	<u>Quantity:</u>	<u>Unit cost:</u>	<u>Total:</u>
Misc. Removals / Demolition	LS	1	20,000	20,000
Site Grading & Soil Correction	LS	1	100,000	100,000
Concrete walks/plaza areas	SF	500	5	2,500
Concrete for hockey rink/basketball	SF	17,000	5	85,000
Dasher boards for hockey rink	LS	1	60,000	60,000
Tennis Courts	EA	2	60,000	120,000
Basketball Court Appurtenances	LS	1	20,000	20,000
Picnic Shelters (Type A)	EA	2	100,000	200,000
Entrance & Misc. Signage	LS	1	30,000	30,000
Misc. Site Furnishings (Benches/Tables, etc.)	LS	1	20,000	20,000
Landscaping Allowance	LS	1	50,000	50,000
Storm water management	LS	1	15,000	15,000
Site restoration	LS	1	20,000	20,000
<b><u>Optional Items:</u></b>				
Add Stone to Picnic Shelters (Type A) (optional)	EA	2	10,000	20,000
Lighting for hockey rink (optional)	LS	1	40,000	40,000
Tennis court lighting (Optional)	LS	1	30,000	30,000
Misc. Site Lighting Allowance (optional)	LS	1	50,000	50,000
Information Kiosk (optional)	EA	1	20,000	20,000
<b>Total:</b>				<b>902,500</b>

**Note:** Above figures are planning level estimates in 2009 dollars for construction costs only. They do not include design fees, permits, material testing, etc., and should be adjusted annually to reflect changes in construction costs due to inflation.

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## CATHCART PARK

### Background

Cathcart Park is located in the City of Chaska at the southwest Shorewood border. The Park is heavily used for little league baseball in the summer and for hockey and free skating in the winter. Sewer service is not available at this site so rest room facilities with portable toilets will need to be provided. There is a parking deficiency at this site during little league games. At the kickoff meeting it was stated that major reconfiguration of spaces would be acceptable; provided that the general open space character of the park and the existing recreation facilities were provided with the new layout. In addition, the shelterbelt along the southern portion of the park should be retained.

### Concept Plan Review

Two concepts were developed and presented at the Park Commission Meetings.

**Concept A** retained the parking (with increased capacity) and little league field in their current locations, shifted hockey to the west to provide more parking, a lawn area for free skating beyond the little league field, added an additional tennis court, provided court games between hockey and tennis; and worked picnicking, play equipment, community gardens, and lawn games into the southern portion of the site.

**Concept B** shifted parking (with increased capacity) to the east edge of the park along Church Street and rearranged the little league field and free skate area. The layout of the remaining park components was similar to Concept A.

Following review of the concept plans, **the Park commission recommended the general layout of Concept A** with several modifications:

- Shift the hockey rink to the south towards the tennis courts and eliminate the designated court games area.
- Provide basketball in the hockey rink area in the summertime.
- Reconfigure the parking in a free flowing alignment and extend into the space north of the hockey rink.
- Provide screening of the community gardens from residents to the south.
- Arrange the community gardens into pods to provide spaces in between for resident access to the park.

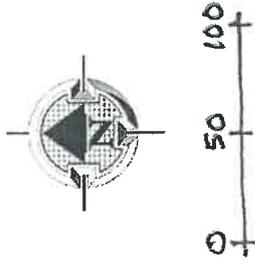
### Final Master Plan Summary

The Cathcart Park Master Plan provides the following park components:

- Little league baseball field in its current location.
- Realigned increased capacity parking for 50 cars.
- Combination hockey rink/basketball court facility.

- Free skate area beyond the little league outfield area (helps preserve field turf quality).
- Warming shelter without plumbing in close proximity to parking, free skate, hockey, and portable toilets.
- Portable toilet within screen fence.
- Two tennis courts.
- Play equipment area in close proximity to picnic area.
- Picnic shelter and picnicking area nestled into existing shelterbelt.
- Bocce ball, shuffleboard, and horseshoes nestled between rows of shelterbelt trees.
- Community gardens on south side of shelterbelt.
- Common design entrance signs at entrance to park.
- Bituminous paths to connect spaces and help define different park use areas.
- Use of tree plantings to define the various park activity areas.

# City of Shorewood



# Cathcart Park Master Plan

**Cathcart Park**  
**City of Shorewood**  
**Master Plan Improvements**  
**Concept Level Estimate of Probable Construction Cost**  
 TKDA Project No. 14358-000  
 9-Jun-09

<u>Description:</u>	<u>Unit:</u>	<u>Quantity:</u>	<u>Unit cost:</u>	<u>Total:</u>
Misc. Removals / Demolition	LS	1	20,000	20,000
Site Grading & soil correction	LS	1	100,000	100,000
Concrete curb and gutter	LF	1,000	15	15,000
Bituminous parking lot	SF	20,000	3	60,000
Bituminous Trail	LF	1,600	20	32,000
Concrete walks/plaza areas	SF	1,000	5	5,000
Concrete for hockey rink/basketball	SF	17,000	5	85,000
Dasher boards for hockey rink	LS	1	60,000	60,000
Basketball Court Appurtenances	LS	1	20,000	20,000
Warming Shelter (no plumbing) (24' x 24')	LS	1	150,000	150,000
Screen fence for portable toilets	LS	1	2,500	2,500
Tennis Courts	EA	2	60,000	120,000
Picnic Shelter (Type A)	EA	1	100,000	100,000
Play equipment allowance	EA	1	100,000	100,000
Entrance & Misc. Signage	LS	1	25,000	25,000
Misc. Site Furnishings (Benches/Tables, etc.)	LS	1	10,000	10,000
Landscaping Allowance	LS	1	30,000	30,000
Storm water management	LS	1	15,000	15,000
Site restoration	LS	1	20,000	20,000
<b><u>Optional Items:</u></b>				
Add stone to warming shelter (optional)	LS	1	15,000	15,000
Add stone to picnic shelter (optional)	LS	1	10,000	10,000
Lighting for hockey rink (optional)	LS	1	40,000	40,000
Lighting tennis courts (optional)	LS	1	30,000	30,000
Misc. Site Lighting Allowance (optional)	LS	1	50,000	50,000
<u>Information Kiosk (optional)</u>	EA	1	20,000	20,000
<b>Total:</b>				<b>1,134,500</b>

**Note:** Above figures are planning level estimates in 2009 dollars for construction costs only. They do not include design fees, permits, material testing, etc., and should be adjusted annually to reflect changes in construction costs due to inflation.

## MANOR PARK

### Background

Manor Park serves the function of a community park for the eastern portion of the City. The pond is popular for skating in the winter, and provides a visual amenity in the summer, although geese and odors have been a problem at times. MCES would be interested in using this park in the summer for educational activities if indoor plumbing was available at the warming shelter. The existing shelter is undersized and in need of renovation or replacement. At the kickoff meeting, it was indicated that a central gathering plaza may be desirable at this park. The Park Commission members also noted that the location proposed for community gardens at the northwest corner of the park is controversial. The existing tennis courts are in need of renovation.

### Concept Plan Review

A concept plan was developed for Manor Park and presented at the Park Commission Meetings. The emphasis of the concept plan was to develop a central lawn space that would serve as the focal point for the park, around which all other park elements would be organized. A new multipurpose building with warming, picnic, and restroom facilities fronts on the central lawn in one direction, and looks out over the pond in another direction. A plaza space and terraced outdoor classroom area also border the central lawn. A play equipment area and two tennis courts enclose the central lawn on the north side. Views to the pond are left open from the central lawn. The plaza area provides access from the reconfigured, increased capacity, parking lot to the central lawn and the park shelter. A bituminous trail is added to connect and define park spaces. Community gardens are shown to the west of the tennis courts. The existing softball field location is retained.

Following review of the concept plan, the Park commission recommended using the general layout shown with several modifications. Eliminate the pond overlook structure and use this area to provide paved access to the pond for ice maintenance during the winter. Move the community gardens to the south side of the softball field and provide screen plantings between the gardens and Manor Drive. Provide an aeration fountain in the pond during the summer and pond lighting for ice-skating.

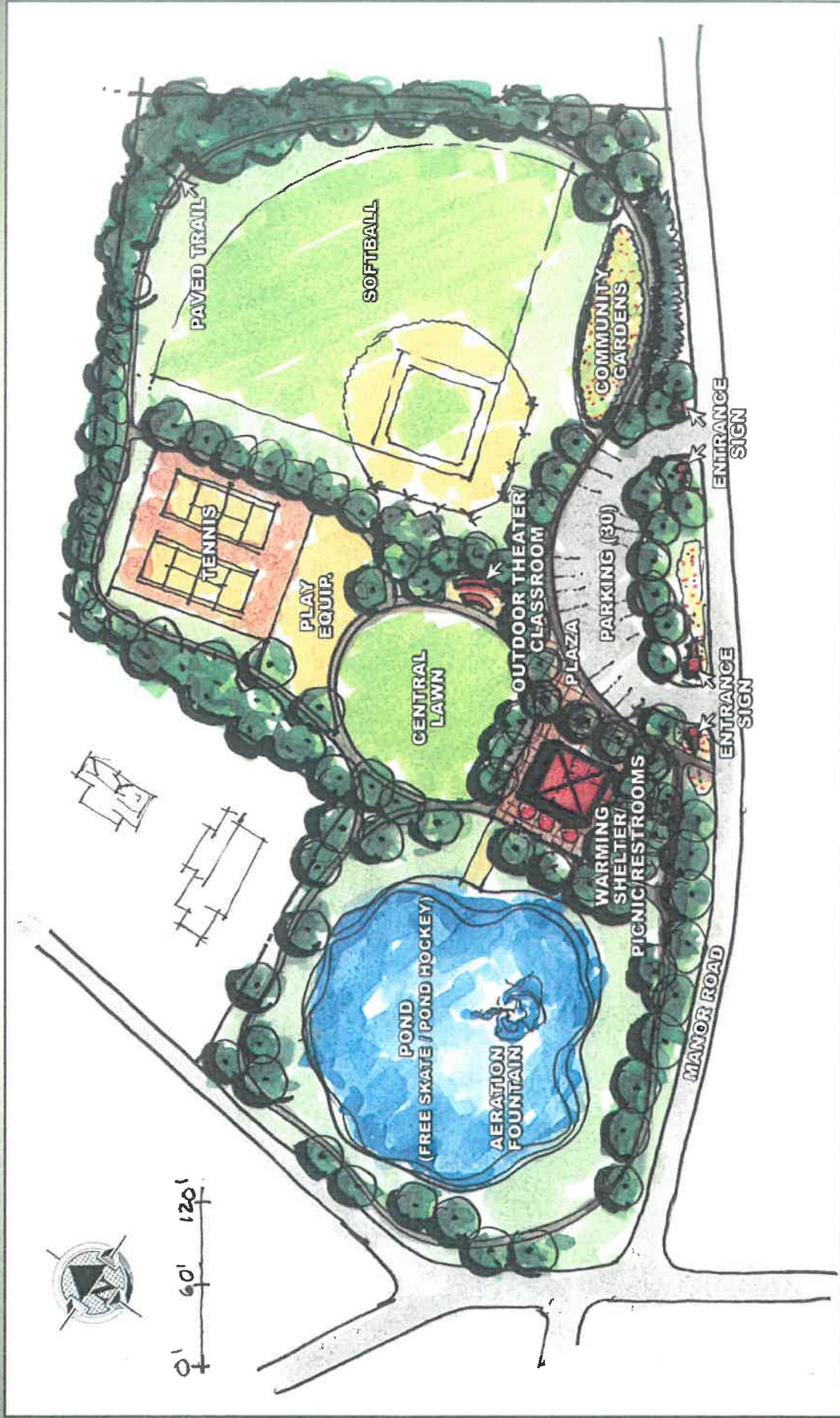
### Final Master Plan Summary

The Manor Park Master Plan provides the following park components:

- Multipurpose park building with restrooms, warming shelter, and covered picnic space with views of the pond and the central lawn.
- Central lawn space to serve as organizational hub of park plan components.
- Plaza/gathering area.
- Outdoor classroom space with terraced hillside seating.
- Reconfigured parking for 30 vehicles.

- New play equipment.
- Two tennis courts.
- Pond for free skate/pond hockey with lighting.
- Aeration fountain for pond in summer.
- Community gardens.
- Common design entrance signs at entrance to park.
- Bituminous paths to connect spaces and help define different park use areas.
- Use of tree plantings to define the various park activity areas.
- Buffer plantings around pond for geese control.

# City of Shorewood



# Manor Park Master Plan

**Manor Park**  
**City of Shorewood**  
**Master Plan Improvements**  
**Concept Level Estimate of Probable Construction Cost**  
TKDA Project No. 14358-000  
9-Jun-09

<b><u>Description:</u></b>	<b><u>Unit:</u></b>	<b><u>Quantity:</u></b>	<b><u>Unit cost:</u></b>	<b><u>Total:</u></b>
Misc. Removals / Demolition	LS	1	20,000	20,000
Site Grading & Soil Correction	LS	1	100,000	100,000
Concrete curb and gutter	LF	500	15	7,500
Bituminous parking lot	SF	17,000	3	51,000
Bituminous Trail	LF	3,000	20	60,000
Concrete walks/plaza areas	SF	12,000	5	60,000
Warm./Picnic Shelter w/ Restrooms (Type D)	LS	1	300,000	300,000
Utility services	LS	1	20,000	20,000
Tennis Courts	EA	1	60,000	60,000
Play Equipment Allowance	LS	1	100,000	100,000
Outdoor Theater/Classroom w/ stone slab seating	LS	1	50,000	50,000
Aeration fountain	LS	1	15,000	15,000
Misc. Signage	LS	1	20,000	20,000
Information Kiosk (optional)	EA	1	20,000	20,000
Misc. Site Furnishings (Benches/Tables, etc.)	LS	1	10,000	10,000
Landscaping Allowance	LS	1	40,000	40,000
Storm water management	LS	1	15,000	15,000
Site restoration	LS	1	25,000	25,000
<b><u>Optional Items:</u></b>				
Add stone to warming shelter (optional)	LS	1	30,000	30,000
Pond lighting for skating (optional)	LS	1	40,000	40,000
Lighting tennis courts (optional)	LS	1	25,000	25,000
Misc. Site Lighting Allowance (optional)	LS	1	50,000	50,000
<u>Information Kiosk (optional)</u>	<u>EA</u>	<u>1</u>	<u>20,000</u>	<u>20,000</u>
<b>Total:</b>				<b>1,138,500</b>

**Note:** Above figures are planning level estimates in 2009 dollars for construction costs only. They do not include design fees, permits, material testing, etc., and should be adjusted annually to reflect changes in construction costs due to inflation.

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## SILVERWOOD PARK

### Background

Silverwood Park is a small neighborhood park in the eastern portion of the City. It's the City's one park that has any significant hills, and is therefore popular for winter sledding and for the slide that's built into the hillside. The slide does not meet current safety standards and needs to be removed or rebuilt to meet today's standards. City sewer is not available at this site so portable toilets will need to be utilized.

### Concept Plan Review

A concept plan was developed for Silverwood Park and presented at the Park Commission meetings. A more geometrically defined central lawn/open play area was shown at the base of the hill, with the play equipment, renovated court surface, pond overlook, and picnic shelter bordering the lawn area. The plan notes that the slide and stairs need to be rebuilt. New bituminous trails with benches are proposed to provide an accessible route to the top of the hill to capitalize on views from this vantage point. Additional woodchip trails through the woods extend to the northeast to provide community connections in that direction. A portable toilet was shown on the west side of the parking lot.

Following review of the concept plan, the Park commission recommended using the general layout shown with several modifications:

- Move the picnic shelter to the parking lot side of the central lawn area.
- Add a nature trail with benches along the pond and connect to the trail on top of the hill to provide a looped trail experience.
- Move the portable toilets to be a minimum of 50' away from the well house.

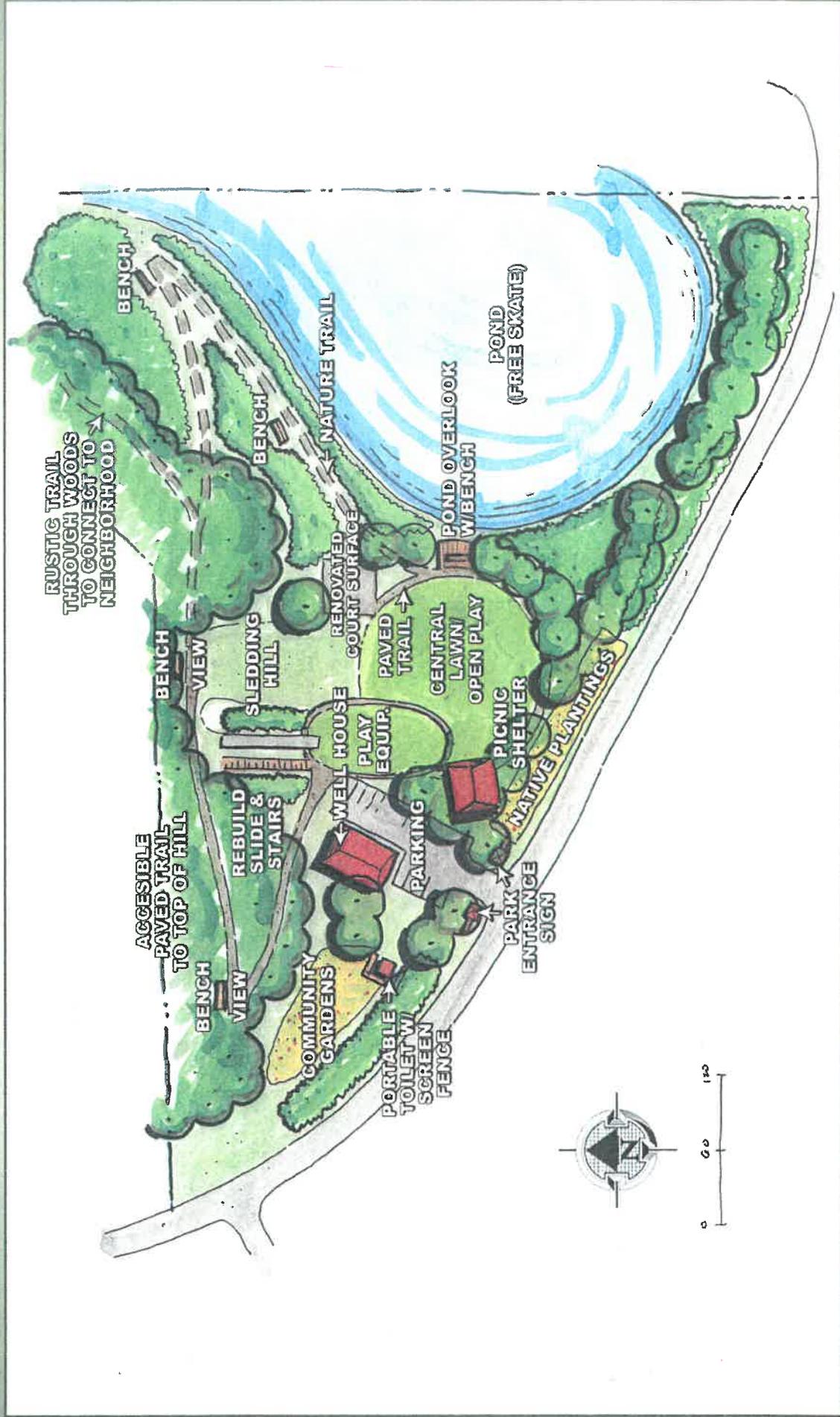
### Final Master Plan Summary

The Silverwood Park Master Plan provides the following park components:

- A Central lawn/open play area forms the basic structure for the developed portion of the park.
- Picnic shelter.
- Pond overlook with bench.
- Community gardens screened from Covington Road.
- Rebuilt slide and stairs.
- Play equipment.
- Portable toilets with screen fence.
- Common design entrance sign at entrance to park.

- Bituminous paths with benches to provide access to top of hill, connect spaces, and help define different park use areas
- Woodchip trails with benches provide a varied walking experience, access to the more natural areas of the park, and park access for residents to the northeast
- Use of tree plantings to define the various park activity areas

# City of Shorewood



# Silverwood Park Master Plan

**Silverwood Park**  
**City of Shorewood**  
**Master Plan Improvements**  
**Concept Level Estimate of Probable Construction Cost**  
 TKDA Project No. 14358-000  
 9-Jun-09

<u>Description:</u>	<u>Unit:</u>	<u>Quantity:</u>	<u>Unit cost:</u>	<u>Total:</u>
Misc. Removals / Demolition	LS	1	10,000	10,000
Site Grading	LS	1	20,000	20,000
Bituminous Trail	LF	1,000	20	20,000
Concrete walks/plaza areas	SF	500	5	2,500
Wood Chip Trails	LF	2,000	8	16,000
Wood viewing platforms	LS	1	10,000	10,000
Play equipment & hillside slide/stairs allowance	EA	1	100,000	100,000
Renovate Court Surface	LS	1	2,000	2,000
Screen fence for portable toilets	LS	1	2,500	2,500
Picnic Shelter (Type A)	EA	1	100,000	100,000
Misc. Signage	LS	1	20,000	20,000
Misc. Site Furnishings (Benches/Tables, etc.)	LS	1	10,000	10,000
Landscaping (allowance)	LS	1	15,000	15,000
Storm water management	LS	1	10,000	10,000
Site restoration	LS	1	8,000	8,000
<b><u>Optional Items:</u></b>				
Add Stone to Picnic Shelter (optional)	EA	1	10,000	10,000
Misc. site lighting allowance (optional)	LS	1	25,000	25,000
Information Kiosk (optional)	EA	1	20,000	20,000
<b>Total:</b>				<b>401,000</b>

**Note:** Above figures are planning level estimates in 2009 dollars for construction costs only. They do not include design fees, permits, material testing, etc., and should be adjusted annually to reflect changes in construction costs due to inflation.

## PARK STRUCTURES BUILDING PROTOTYPE

### BACKGROUND

The Shorewood Park Commission wants to create a building prototype that can be used in all of the parks to provide architectural continuity throughout the entire park system. This template would include a common design theme and materials for all structures including picnic structures, warming shelters, restrooms, etc. The buildings would need to be durable, vandal resistant, and easy to clean and maintain. The Commission is envisioning a “timeless look” that reinforces the images of the City such as “natural, trees, lakes, rural flavor, etc.” The Commission expressed a preference for the visual warmth that natural wood provides, but were concerned with durability and maintenance of this material.

### CONCEPT PLAN REVIEW AND PROTOTYPE SELECTION

Two series of concepts were developed and presented at the Park Commission Meetings.

The Concept A Series utilized a more compact, square footprint with a hipped roof. The Concept B Series illustrates a more linear, expansive footprint with gabled rooflines. Both series incorporated the use of cost effective, durable materials. Design cues were taken in part from historic structures of state and national parks of the WPA era. These structures used materials of the land, often times with foundations and columns consisting of heavy stone and masonry construction, and an abundant amount of heavy timber for the framing and roofs. Both concepts emphasize strong sheltering rooflines and solid masonry or stone base.

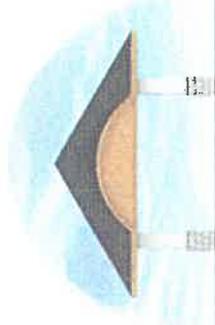
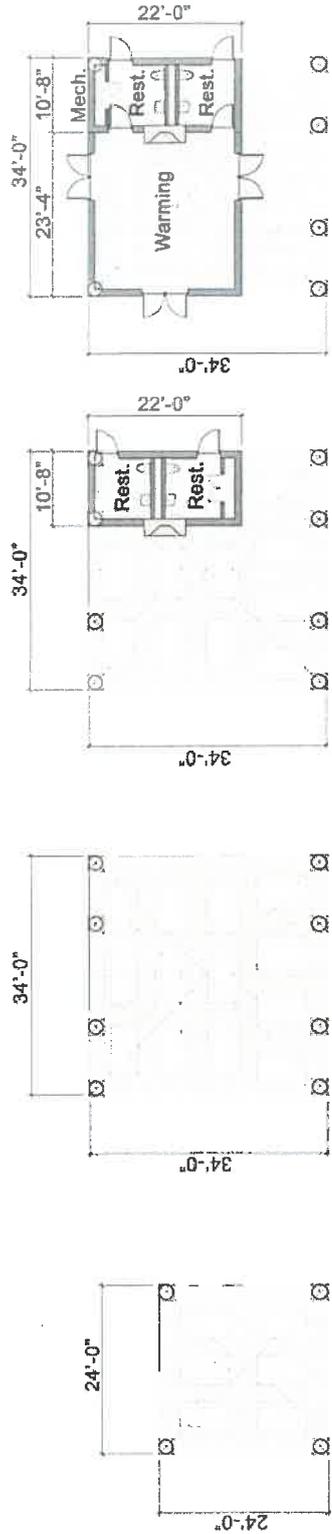
Exact replicas of these structures would be quite expensive in today’s construction climate, but the visual strength and warmth that they portrayed can be emulated with proper proportions and strategic use of modern construction materials. The proposed structures incorporate integrally colored, rock-faced concrete block on the lower walls and columns to provide a strong foundation. Higher up, the walls switch to a broad band of smooth-face masonry accentuating the heavy masonry base and warm wood roof framing. Natural wood is reserved for the structures’ roof framing and ceilings and fascia for maximum visual impact in a less accessible and less heavy wear area.

Following review of the concept plans, **the Park commission recommended adopting the Concept A Series with several suggestions.** The smaller footprints of the Concept A series was deemed to be more appropriate for Shorewood’s park needs. It was suggested that the stone used in the City Hall renovation be considered on some of the structures. The Park Commission requested that basic structure footprint dimensions be added to the drawings and that each of the structure types be labeled and correspondingly referenced in the cost estimates for each of the parks.

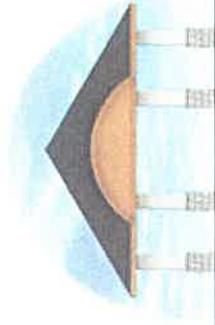
## PARK STRUCTURES BUILDING PROTOTYPE SUMMARY

Two series of graphics were created to show the park structure prototype. The first series uses the integrally colored, rock-faced concrete block on the lower walls and columns. The second series shows natural stone (stone that was used in the City Hall reconstruction) in this same area. The remainder of both images show the same materials being used as proposed in the original concept drawings. Use of the natural stone should be considered at high visibility sites. Use of the rock-faced block may be considered at high vandal prone sites. Two sizes of open picnic shelters are depicted, along with a combination picnic shelter/restroom, and a combination picnic shelter/restroom/warming shelter.

# City of Shorewood



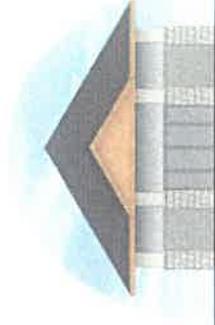
Picnic  
(Type A)



Picnic  
(Type B)



Picnic w/Restrooms  
(Type C)



Picnic w/Restrooms & Warming  
(Type D)

## Park Shelter Concept (with Concrete Block)

Parks Master Plan Update  
City of Shorewood  
June 5, 2009

Park Shelters  
Concept Level Estimate of Probable Construction Cost

<u>Structure Type</u>	<u>With Concrete Block</u>	<u>With Natural Stone</u>
Type A Small Picnic Shelter (24' x 24')	\$100,000	\$110,000
Type B Large Picnic Shelter (34' x 34')	\$175,000	\$190,000
Type C Picnic w/ Restrooms (34' x 34')	\$220,000	\$240,000
Type D Picnic w/ Restrooms & Warming (34' x 34')	\$300,000	\$330,000
Warming Shelter w/out Restrooms (24' x 24') (not shown on graphic)	\$150,000	\$165,000
Optional Fireplace, Add:	\$25,000	

**Note:** Above figures are planning level estimates in 2009 dollars for construction costs only. They do not include design fees, permits, material testing, etc., and should be adjusted annually to reflect changes in construction costs due to inflation.

**PLANNING PROCESS MEETING NOTES AND GRAPHICS**

# Site Visit Notes

## March 4, 2009

### City of Shorewood Parks

#### General Park Info

- Eddy Station was last major project.
- Looking to improve infrastructure.
- Parks have gone from passive to active use through programming in parks, along with surrounding communities.
- Community garden program.
- Make parks more hangoutable – plaza spaces, etc.
- Music in the parks.
- Look for elements to “tie together” park components/image.
- Image to present in all parks.
- First – short-term improvements – for example, Community Ed will use Manor Park for programming if a new facility with running water is provided.
- Tennis courts need ongoing maintenance.
- Volunteer gardeners get \$100/year for garden at Manor Park.
- Frisbee golf?
- Splash pad? – Freeman Park?
- Fountains?
- Consider use of land on south side of City Hall (house bought for storm water imp.)
- Platform tennis, horseshoes, shuffleboard, volleyball (Manor has one that isn't used/ Freeman has two that are used), bocce ball, chess tables, etc.?
- More demonstrations of natural plantings – rain gardens, prairie restorations, etc.
- Going green types of elements.
- Add recycling.
- Suggest trees and plantings that are wildlife friendly.
- Lots of active recreation provided – consider uses for passive recreation and older users.

#### Park Shelter Info

- Image to present in all parks.
- Easy care/functional / secure.
- Some vandalism at Eddy station – currently spending \$7,000 on re-staining.
- Multifunctional building to accommodate winter and summer uses.
- Restroom/shelter/water/grills/warming house.
- Image: natural/trees/lakes/rural flavor.
- Timeless look.
- Like uplifting feeling of soaring ceiling with laminated wood of Eddy Station picnic overhang vs. low, flat ceiling of Manor Park picnic overhang.
- Like buildings at Lake Minnewashta Park – rough block outside/laminated wood ceilings – low maintenance but looks good.

#### Badger Park

- Like stacked stone look of City Hall.
- Need storage.
- Need to redo pavement around warming shelter.
- Warming shelter suffers from vandalism / needs maintenance and/or new shelter/add picnic shelter with viewing of tot lot.
- High water table complicates construction.
- Heavy team use of hockey rink – could shift rink but lighting should stay (new).
- Free skate area is too small.
- New lighting recently installed at football field and hockey rink.
- Football field – well used by Tonka youth football – leave (would need a really good reason to move).
- Tennis popular – courts well used.
- Existing parking capacity – 80 cars.
- Future of Senior Center Building uncertain.
- Lots of active recreation provided – consider uses for passive recreation and older users.
- Connections to City Hall – plaza area? Interpretation?

### Freeman Park

- So far – no ice at Freeman Park – ice takes a lot of effort – Eddy Station designed to serve as warming shelter if needed – free skate pond?
- Currently use Eddy Station building for MCES.
- “Music in the Park” – bands under picnic shelter with audience on lawn – evening sun in band’s eyes.
- Community gardens planned at south end of Freeman Park at old r/w from Hwy. 7.
- Little league/Babe Ruth fields at south end of park to remain unchanged.
- Wetland restoration study has been done for storm water/water quality improvements in west part of park with woods and trails – plan for this area?
- Perimeter trail connects with regional trail – should it be widened for combo bike/pedestrian use?
- Heavy group picnic use in wooded south picnic area.
- Look at an Option 2 that shows tennis courts, hockey rink, and free skate near Eddy Station.
- Temporary pile of snow informally used as sliding hill – not many hills in Shorewood for sliding.
- Is parking efficient, or could it be laid out better?

### Cathcart Park

- Free canvas – maybe same activities, but reorganized – keep hockey and tennis.
- Ball field – little league – small kids only – gets good use.
- Park extends south past trees on south side to house fences/storage sheds, etc.
- Good to save trees – can work around with compatible park use within.
- Need a new permanent warming shelter – water and sewer not available, so portable toilets likely.
- Parking deficiency.
- Tennis practice board – need new and larger.
- Swings – play area too small - add more.

- Open space area – maintain.

### Silverwood Park

- Steel slide poses maintenance and insurance issues (but is popular) – different material? Slide/hill area has erosion problems, safety/liability issues – long term may need a different option, but residents like the big slide.
- Needs picnic shelter/sitting areas – maybe closer to wetland?
- Use of portable toilets here would be ok.
- Drinking fountain would be nice – maybe by well house?
- Sliding hill is popular – leave bottom of hill unobstructed.
- Trail potential? Tennis?
- Update area under play equipment.
- Maintenance – basketball court.
- Trail connections to neighborhood.

### Manor Park

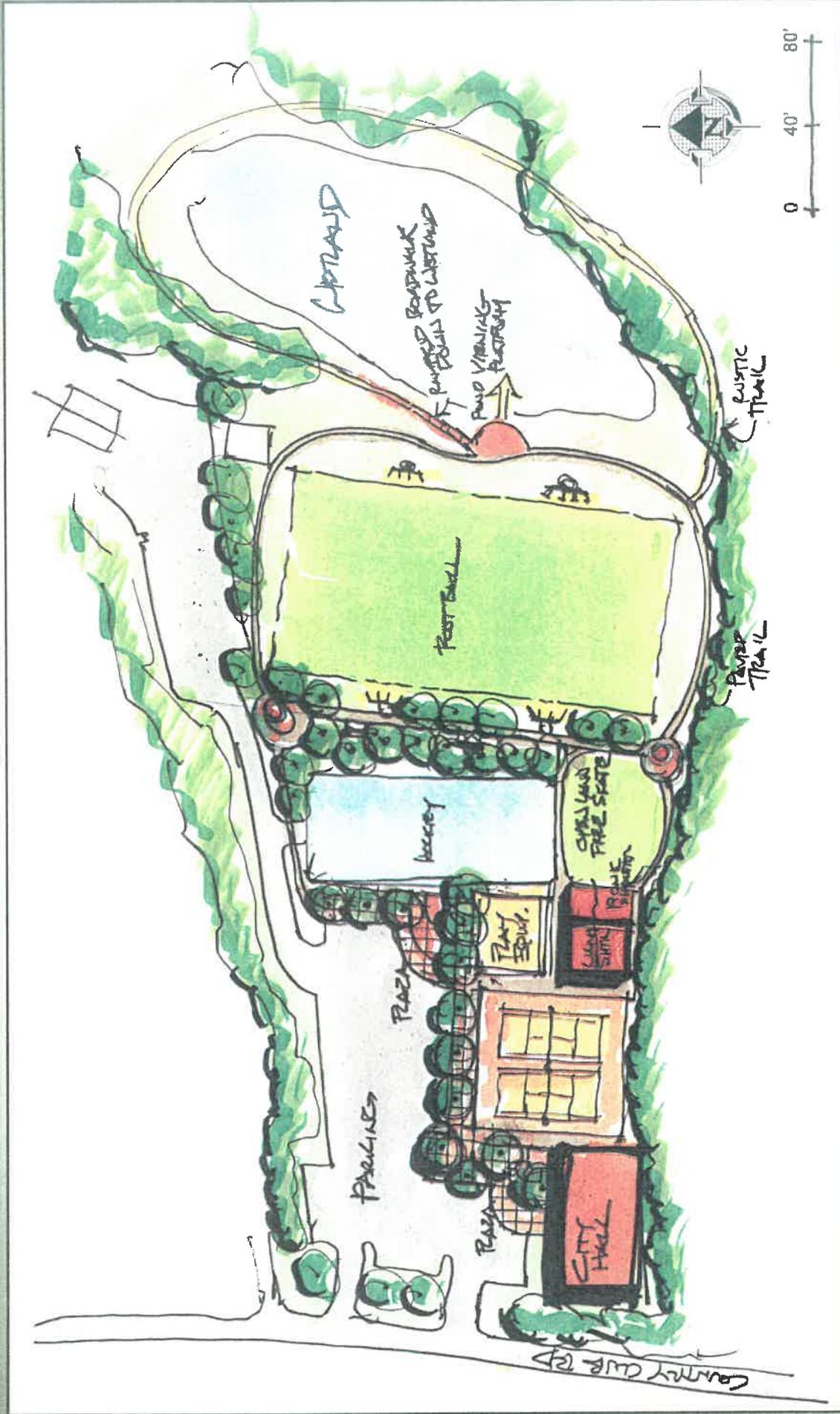
- Shelter needs about half as much space as Eddy Station – add on to existing or demo and build new, whichever makes the most sense – needs to include rest rooms, multipurpose room (warming shelter in winter), and picnic overhang.
- Add more lighting for skating on pond.
- Pond used for free skate/pond hockey.
- Currently no trail exists in park.
- Neighbors like benches.
- Tennis courts are in disrepair – high water table makes it a continuous maintenance issue – if courts are rebuilt consider at a higher elevation.
- Consider a plaza in this park for neighborhood gathering space, with revolving art?
- Consider adding hockey to park.
- Location of softball field – open to relocation/reorientation – consider youth size baseball field (75' +/- baselines).
- Will begin community gardens in Manor Park (possibly south of tennis courts in lower area of park).

### Skate Park

- Small picnic shelter(s)/picnic area and sitting areas would be nice.
- Horseshoes?

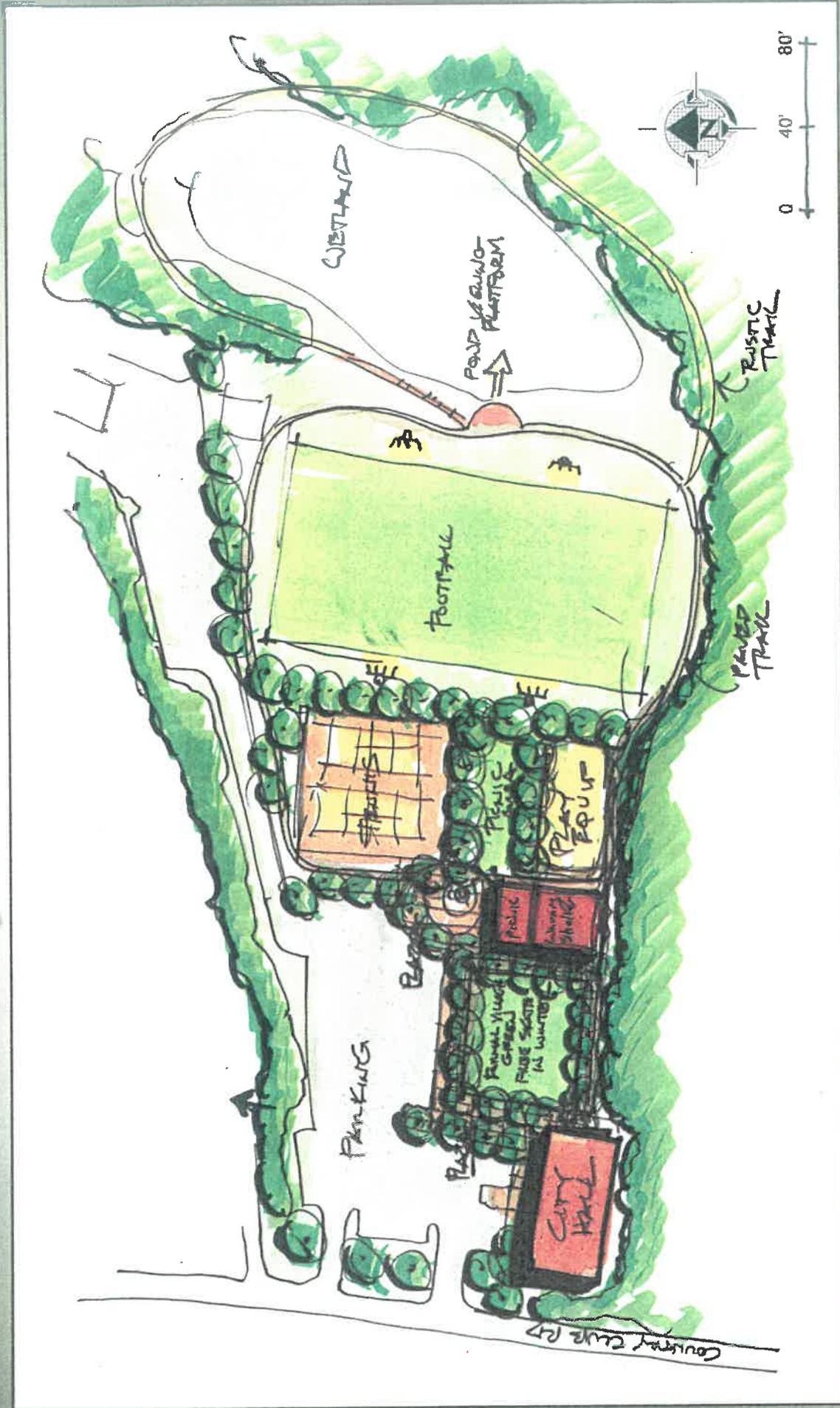


# City of Shorewood



## Preliminary Parks Master Plan Badger Park - Concept 'A'

# City of Shorewood



## Preliminary Parks Master Plan Badger Park - Concept 'B'

# City of Shorewood



## Preliminary Parks Master Plan Manor Park - Concept 'A'

TKDA  
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# City of Shorewood

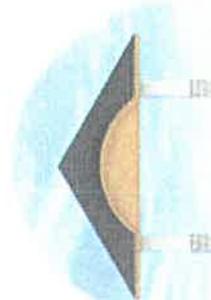
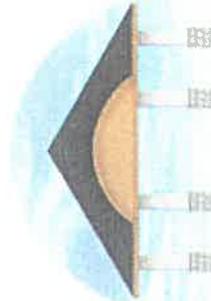
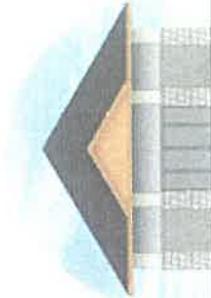
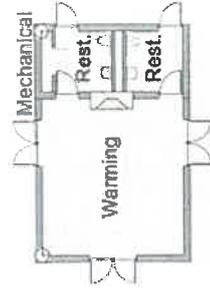


## Preliminary Parks Master Plan Cathcart Park - Concept 'A'





# City of Shorewood



Picnic w/Restrooms & Warming

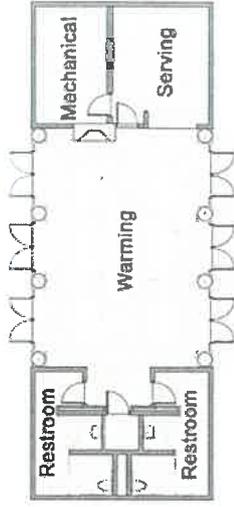
Picnic w/Restrooms

Picnic

Picnic

## Conceptual Park Shelter Concept 'A'

# City of Shorewood



Picnic w/Restrooms & Warming

Picnic w/Restrooms

## Conceptual Park Shelter Concept 'B'

# Shorewood Parks Commission Meeting

## May 12, 2009

### Comments on Parks Concept Plans

#### General

- Like the idea of using stone that matches the stone on City Hall as a material in the park signs.

#### Badger Park

- Include bathrooms with the picnic shelter.
- Provide a natural green fence with plantings along the north side of the drive and parking area to screen businesses to the north.
- Repeat the stone from the City Hall in the architecture of the picnic shelter.
- The structured plaza areas around the "Village Green" will likely incorporate a combination of concrete walks and decorative pavers, while bituminous paths will be used in less structured areas of the park, and transitioning to woodchip trails in the more natural portion of the park by the pond.
- Consider painting or screening for the existing garage. This building may become a storage shed.
- Retaining available parking spaces is critical.
- Larry will provide information for the cost estimate related to soils issues.

#### Freeman Park

- Provide a bituminous trail from the parking lot to the basketball and tennis courts.
- Replace the oak savanna with community gardens – show as alternate.
- Provide combination basketball courts/hockey rink in the area shown as hockey and delete basketball from next to the tennis courts.
- Change the budget for storm water management from \$10,000 to \$15,000.
- Larry will provide information on soils correction costs for the cost estimate.
- Extent of tree plantings to create "outdoor rooms" should be evaluated – there may be a desire to keep some of the views a little more open.
- Provide information for our sign cost estimate (materials, size, general info).

#### Cathcart Park

- Provide combination basketball courts/hockey rink in the area shown as hockey.
- Provide screening of community gardens from residents to south.

- Configure community garden into pods to provide gaps for park access for residents to the south.
- Residents to the southwest are concerned with drainage from the park - solution will require cooperation with City of Chanhassen

### **Manor Park**

- Provide a planted buffer around the pond for geese control.
- Add lighting to the pond area for skating.
- Pond access path needs to be paved for equipment access.

### **Silverwood Park**

- Delete the community garden by the road and retain the other community garden (may need to be terraced due to topography).
- Portable toilet needs to be a minimum of 50 feet from the well house – either move farther away or to other side of parking lot.
- Move the picnic shelter to be in the proximity of the parking lot.
- This is the most highly vandalized park in the system – durability of materials will be especially important here.

### **Building Drawings**

- Label as Type A, Type B, Type C, and Type D and provide corresponding costs and labeling in the cost estimate. Provide basic footprint dimensions on drawings for reference.

# City of Shorewood

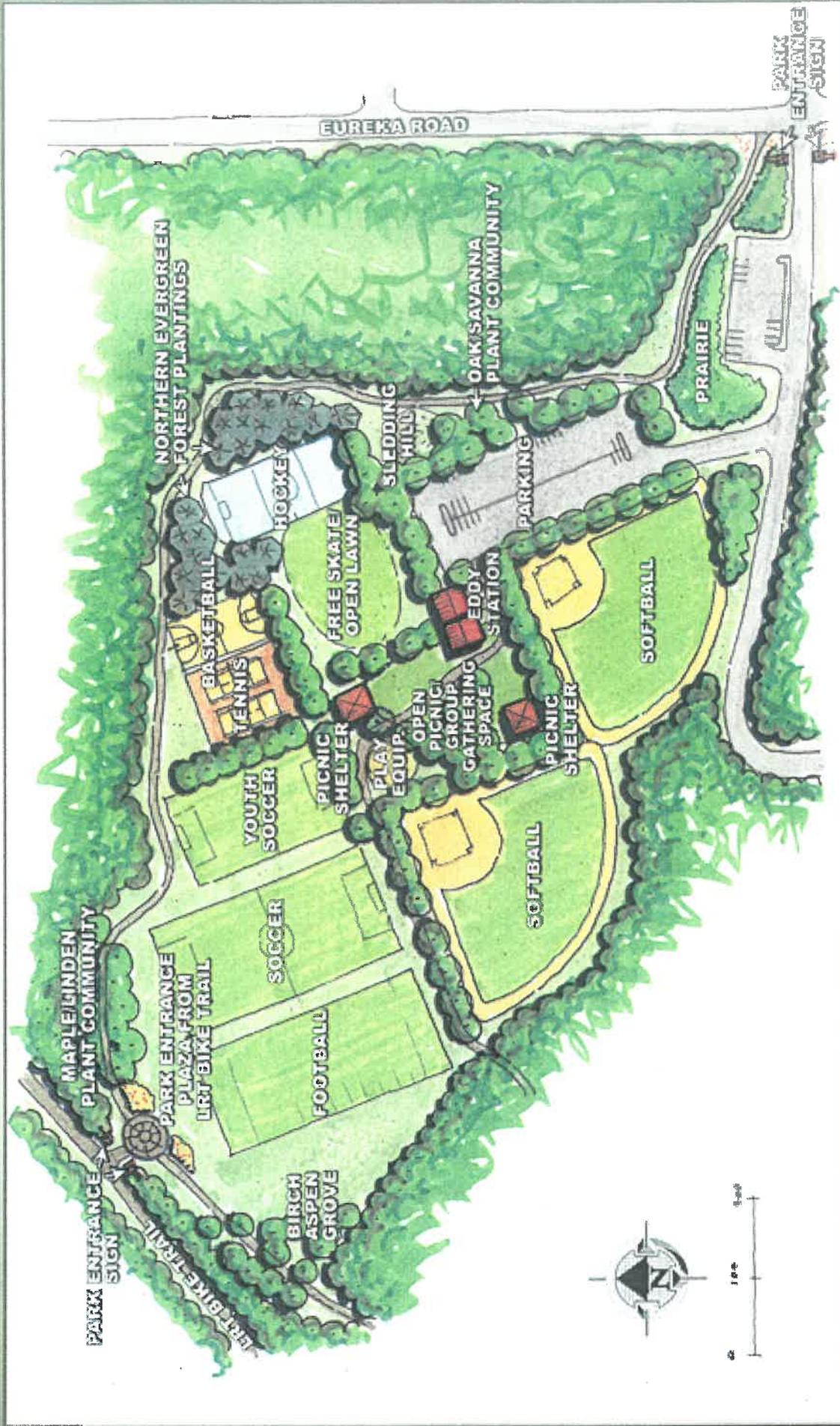


## Badger Park Master Plan

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# City of Shorewood



## Freeman Park Master Plan

TKDA

# City of Shorewood

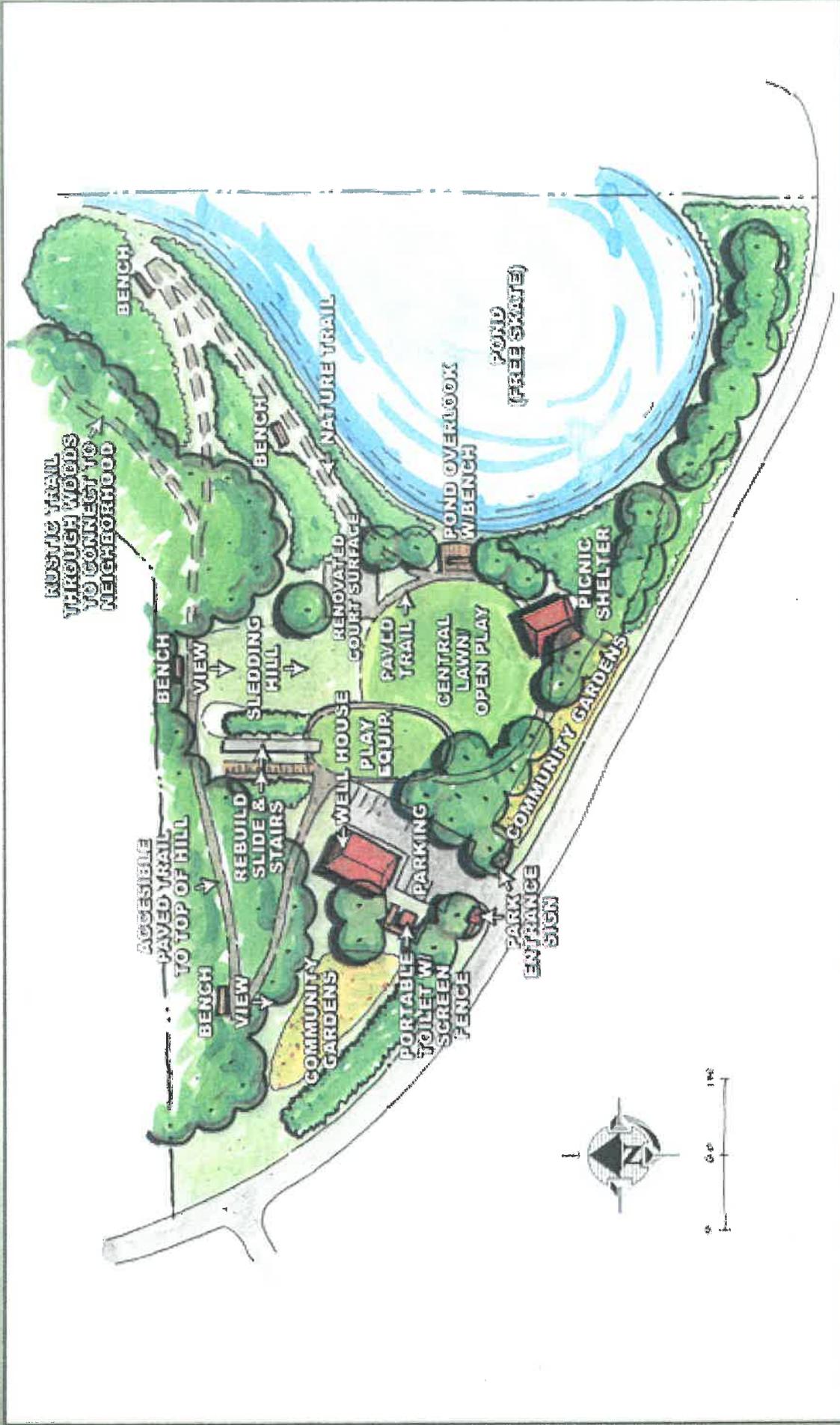


## Cathcart Park Master Plan

TKDA

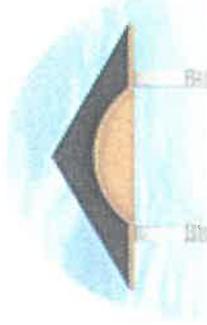
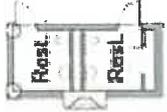
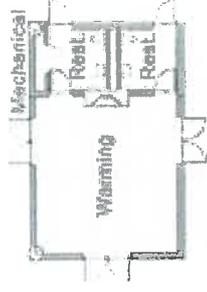


# City of Shorewood

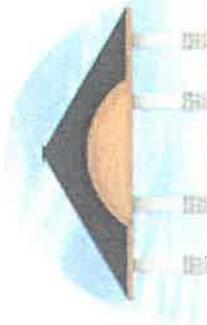


## Silverwood Park Master Plan

# City of Shorewood



Picnic



Picnic



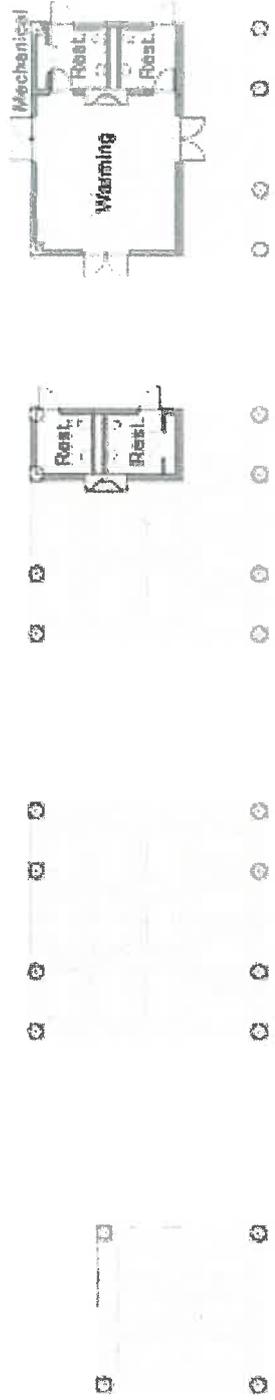
Picnic w/Restrooms & Warming



Picnic w/Restrooms

## Park Shelter Concept (with Concrete Block)

# City of Shorewood



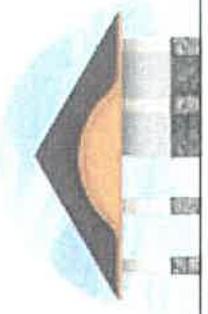
Picnic



Picnic



Picnic w/Restrooms & Warming



Picnic w/Restrooms

## Park Shelter Concept (with Natural Stone)