



**City of
WHITewater**

**City of Whitewater
Parks and Recreation Board Agenda
Monday, October 19, 2015 - 5:30 pm**
Community Room – 1st Floor, Whitewater Municipal Building
312 W. Whitewater St. Whitewater, WI 53190

Call to Order and Roll Call

Consent Agenda:

CA-A	Approval of Parks and Recreation Board minutes of September 21, 2015
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Hearing of Citizen Comments:

No formal action will be taken during this meeting, although issues raised may become part of a future agenda. Participants are allotted a 3 minute speaking period. Specific items listed on the agenda may not be discussed at this time; however, citizens are invited to speak to those issues as designated in the agenda.

Staff Reports:

Parks & Recreation Director	Improvement Project Status Report; Recreation Program Coordinator
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Considerations:

C-1	Discussion and possible action related to Facility Rental & Reservation Policy and specifically regarding future rentals of the Armory gym
C-2	Discussion and possible action related to Effigy Mounds Preserve signage plan
C-3	Discussion and possible action related to Park Development Fees
C-4	Request for future agenda items
C-5	Adjourn

**City of Whitewater
Parks and Recreation Board
Minutes**

Monday, September 21, 2015 - 5:30 pm

Community Room – 1st Floor, Whitewater Municipal Building
312 W. Whitewater St. Whitewater, WI 53190

Call to Order and Roll Call

Rachel Deporter, Bruce Parker, Ken Kidd, Brandon Knedler, Jen Kaina, Kori Oberle and Nate Jaeger
(Arrived 5:55pm)

Absent: None

Staff: Matt Amundson, Michelle Dujardin

Guests: Tami Brodnicki, Kristine Zaballos

Consent Agenda:

Approval of Parks and Recreation Board minutes of July 14, 2015

No items to be removed from consent agenda. Kidd moved to accept the consent agenda. Second by DePorter. Ayes: Rachel Deporter, Jen Kaina, Bruce Parker, Ken Kidd, Brandon Knedler and Kori Oberle. Noes: None. Abstain: None. Absent: Nate Jaeger

Hearing of Citizen Comments:

No formal action will be taken during this meeting, although issues raised may become part of a future agenda. Participants are allotted a 3 minute speaking period. Specific items listed on the agenda may not be discussed at this time; however, citizens are invited to speak to those issues as designated in the agenda.

Kidd recognized the hard work and dedication put into the Discover Whitewater Half Marathon by Jen Kaina and Matt Amundson.

Staff Reports:

Recreation and Community Events Programmer – Afterschool Program Update

The Afterschool program is going fantastic and even diving into new adventures to include; working with LINC'S Garden and learning how to plant and create potpourri. Lakeview numbers were in the teens last year and have now exceeded 20 on a regular basis. Overall the program is doing great!

Parks & Recreation Director - Improvement Project Status Report

Cravath Boat Launch: The construction on the launch is complete and lots of compliments are pouring in. The pier is slowly being disassembled; it will be fixed and used to replace the one at the Trippe Lake Boat Launch. A new pier will be installed at Cravath next year.

Amory: Concrete work on the stairs and ramp are complete, the arrival of the railing and installation still needs to take place. The gym floor is complete and looks amazing. The roofing project is awaiting contract approval from both parties.

Open Position: The Recreation Program Coordinator position opened up when Nate decided to go back to school for Education. There were five initial interviews with two finalists moving forward. The two

finalists will be responsible for leading a coaches meeting for their final interview to a panel of current coaches and parents. Final decision will be made after presentations.

(Jaeger arrives at 5:55pm)

Considerations:

Discussion and possible action related to Downtown City Market of on the following items:

- **Request to allow alcohol sales during Tuesday evening market**
- **Additional placement of items within the park for the market**

Amundson stated the sales of alcohol will fall under the current license procedure with the City Clerk and doesn't need to be discussed.

Kristine Zaballos and Tami Brodnicki referred to the packet and presented a power point presentation on the ideas of the city market and what the market has become to the present time. Highlights included; 45 vendors in attendance the last five weeks, numbers exceeding 1,000 of people visiting the market each week, currently no vendor fees are being charged, and over 150lbs of fresh produce are being donated weekly to the Food Pantry.

Zaballos indicated the need for more storage space located closer to the market to help with moving current furniture and supplies, the need for electricity on the north side of the tracks, the need for a shade structure, hard surface locations to leave picnic tables and large Adirondack chair, and need for bike racks. Zaballos also indicated the interest by the vendors for a Winter Market.

Amundson discussed the concern of any additional permanent structures added to the park would cause complications for the 4th of July set up and that adding shade structures assembled weekly by streets department and additional mowing around picnic tables was a concern due to lack of available maintenance staff.

The Board discussed and suggested using the current method of putting items on a trailer to store for the next week for easy mobility with the direction of looking into possible additional storage and shade structure with the projected 2017 Amphitheater reconstruction. The Board also suggested starting the conversation first with the 4th of July committee with possibilities of bike rack placement before bringing possibilities back and working with staff on possible locations for a Winter Market.

Discussion and possible action related to Effigy Mounds Preserve signage plan

Amundson introduced Kori Oberle to present signage plan. Oberle presented a power point showing the placement of the mounds, current sign locations, the need for new signs, the need for better path marking, and the benefits of having additional signs.

Oberle referred to the power point highlighting the location of 10 new signs. Four of the new signs will be plaques that will be placed on donated boulders, one larger sign will be placed by the side walk letting patrons know what's inside and providing information to those who might not be able to walk the preserve, and one additional larger sign will be placed at the entrance to replace an existing non repairable sign.

Oberle also stated the importance of marking a correct path through the preserve and the concern of each mow path being slightly different depending on worker completing the task. Oberle suggested using a drone with light detection to find the best path to not disturb the mounds.

The Board directed staff work with Oberle and committee to get a drone with light detection to find the best path and to move forward with signage.

Discussion and possible action related to future rentals of the Armory Gym.

This item was tabled for next meeting

Discussion and possible action related to 2016 Budget.

Amundson referred to packet and stated little to no changes have been made to the budget. Amundson asked the board to review goals and present feedback.

Kaina suggested putting in place a safety action plan for programs and requiring coaches the basic knowledge of first aid and cpr. Amundson agreed about the importance and will make it part of 2017.

Kidd moved to accept the budget as presented. Second by Jaeger. Ayes: Rachel Deporter, Jen Kaina, Bruce Parker, Ken Kidd, Brandon Knedler, Nate Jaeger and Kori Oberle. Noes: None. Abstain: None. Absent: None

Request for future agenda items

Developer Park Fees

Adjourn

Kaina moved to adjourn at 7:18. Second by Parker. Ayes: Rachel Deporter, Nate Jaeger, Bruce Parker, Ken Kidd, Brandon Knedler, Jen Kaina and Kori Oberle. Noes: None. Abstain: None. Absent: None

Next scheduled meeting: Monday, October 19th, 5:30 pm

Respectfully submitted,

Michelle Dujardin

Parks & Recreation Capital Project List 2015

Parks

Updated 10/15/15

Cravath Lakefront	Trippe Lake	EWf Playgrounds	Lakes Management	Lakes Management	Walworth/Indian Mounds
Boat Launch \$57,500	Fishing Pier \$5,000	Eastgate & Skyway \$10,000	Harvesting \$22,545	Dredging Study	Possible park site
Strand: Zach Simpson Zach.Simpson@strand.com 608-251-2129			Midwest Aquatics: David Fetzer midwestaquatics@sbcglobal.net 262-385-5874	DNR: Travis Schroeder 262-574-2172	
Repair boat launch and make accessible		Replace pea gravel with engineered wood fiber on both playgrounds	Harvest aquatic plants on both lakes	Apply for DNR grant to complete feasibility study of lake dredging, deadline is 12/1	promote site as pet friendly recreation amenity, improve access and accessibility
Council approved engineering services with Strand; Council awarded bid to RR Walton		Northland Recreation	Contract approved, scheduled to harvest both lakes twice	Nahn & Associates	develop cost estimate
DNR permit awarded, Tentative Construction Dates 7/20-9/18; Pre-construction meeting held 7/14; Construction will follow detention basins and be done to allow for 2nd lake harvesting; construction has been completed. New pier has been ordered and will be installed in Spring.	New pier purchased for Cravath, pier from Cravath will be installed at Trippe.	Quotes due 7/30 with delivery of material the week of 8/17. Work has been completed, low quote was received from Northland Recreation.	Received 3 Year DNR permit on 6-5-15, contractor started work on 6-16-15. First round of harvesting completed on 6/20. Trippe was harvested twice and Cravath a total of 4 times in 2015.	Agreement in place with Nahn & Associates who will assist City with grant application process.	Council supported concept noting that it can not be designated as a park, project will be included in 2016 CIP

Parks & Recreation Capital Project List 2015

Parks

Effigy Mounds Invasive Management \$4036 per contract - funds from signage	Effigy Mounds Signage \$10,964 (\$15,000-\$4036)	Starin Park Kachel's Kids Field \$806	Treyton's Field of Dreams Restroom/Concessions Bldg \$175,00	Bicycle/Pedestrian Wayfinding Signage
Midwest Prairies: Carl Korfmacher carl@midwestprairies.com 800-382-1132	Kori Oberle k.oberle@sbcglobal.net	Vacker: Carol Kriegler ckriegler@vackersign.com		SAA Design: Blake Theisen TheisenB@AyresAssociates.com 608-441-3569
Install native grasses and complete herbicide applications in conjunction with DPW staff	Develop signage plan for WEMP	Interpretive sign explaining the name "Kachel's Kids Field"	Construct concessions and restroom facility in Starin Park	Develop signage program for shared use path system
Contract approved by PRB	Kori has offered her services to design a plan to present to PRB & Landmarks	Sign has been ordered	Plan is to develop materials cost and have Community Foundation purchase materials through TFOD fund, construct this fall using volunteer labor	Final committee meeting held on 4/13
Site was seeded by Midwest Prairies the week of June 22; chemical treatment completed 7/21	Plan is being presented on 10-19 to PRB	Completed, ceremony scheduled for 7/23	Once material cost is developed, will approach donors to support purchase	Awaiting placement of "mock-up" of new sign, public comments have been shared with consultant who is finalizing "package"

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Parks & Recreation Capital Project List 2015

Facilities

Armory Ramp & Stairs	Armory Gym Floor \$8,000	Armory Roof	Starin Community Bldg Roof	Starin Community Bldg Siding \$20,000	Starin Community Bldg Furnance Replacement \$5,000
Strand: Mark Fisher Mark.Fisher@strand.com 608-251-4843	SFI Floors: Steve Stalker SFIFLOORS@aol.com 920-475-0260	Velcheck & Finger: John Rogers John@velcheck-finger.com 414-807-6141	Riedl & Son 920-222-1147	Riedl & Son 920-222-1147	Tri County Cooling & Heating
Replace failed ramp and non-ADA compliant stairs	Sand and re-paint gym floor	Replace Areas 3, 4, & 5	Replace shingle roof	Replace siding	Replace furnace that services west side of building
Council approved engineering services with Strand. Council approved design and authorized project to go to bid on 6-16-15	Obtained quotes from SFI Floors & Schmidt Flooring with SFI being low cost	Council awarded bid to Pioneer Roofing on 7/7	Council rejected bid and directed staff to solicit quotes; Council approved quote from Riedl & Son on 10/6	Council awarded low quote to Riedl & Son on 6-16-15	
Contract awarded to RR Walton on 7/21; proposed demolition work to begin on 8/10, project is complete	Project is complete	Awaiting pre-construction meeting and schedule, Amundson drafting contract	Work started on 10/12	Seniors Advisory Group & PRB selected color; work to begin following roof completion	Project completed

CITY OF WHITEWATER POLICY		TITLE: Facility Rental & Reservation
POLICY SOURCE: Parks and Recreation Department	Parks and Recreation Board Approval Date: 11/10/08 Most Recently Revised: 3/11/14	TEXT NAME: G:\Park & Rec\Policy\ Facility Rental & Reservation Policy

I. PURPOSE

The Whitewater Parks and Recreation Department schedules, maintains, rents, and reserves indoor facilities, park shelters, and outdoor athletic facilities to the general Whitewater community and surrounding area. These facilities, which include the Downtown Armory, Starin Community Building, Cravath Lakefront Community Center, ball diamonds, soccer fields and tennis courts, are located in City parks and also on city property. The Parks and Recreation Department will schedule these facilities for its own programs, the Whitewater Unified School District, the University of Wisconsin-Whitewater and other private and not-for-profit groups and organizations. These other groups and organizations include, but are not limited to: Traveling Basketball, Traveling Baseball, and the Whitewater Soccer Club. The following policies and procedures have been developed to facilitate the scheduling of athletic facilities by all organizations.

II. SCHEDULING PRIORITIES

The Whitewater Parks and Recreation Department will determine capacity limits for all facilities consistent with established and accepted standards to maintain facilities for continued use. These capacities will be utilized when scheduling activities and may impact the availability of facilities for reservations.

The Whitewater Parks and Recreation Department schedules and reserves facilities according to the following priorities:

1. All Whitewater Parks and Recreation programs (games, scheduled practices, matches, camps, and instructional programs) will be the first programs scheduled at facilities that are managed/maintained by the Parks and Recreation Department.
2. Whitewater Unified School District programs/athletic events will be the second programs scheduled at facilities managed/maintained by the City.
3. Whitewater Unified School District programs/athletic events will be the first programs scheduled at facilities owned by the District.
4. Whitewater Parks and Recreation programs will be the second programs scheduled at facilities owned by the Whitewater Unified School District.
5. Private and/or not-for-profit groups and organizations which reserved facilities managed/maintained by the City will have their programs and events scheduled after all Parks and Recreation and School District programs have been scheduled.

III. GROUP CLASSIFICATIONS

Group 1 No Charge

Partner Organizations will not be charged a facility rental fee for their facility usage provided that their facility use is for the purposes of holding an organization meeting, practice, game, etc. Partner organizations provide a charitable good to the Whitewater community and have had a history of receiving free rentals for facility space.

Exception: Any event serving alcohol will be required to pay 100 % of rental fee.

Partner List:

Tax Funded Organizations:

City of Whitewater
Whitewater Unified School District
Chamber of Commerce
Downtown Whitewater
Whitewater Tourism Council
Whitewater Arts Alliance
Whitewater Historical Society

Local Community Program Providers:

National Multiple Sclerosis Society
Special Olympics
Relay for Life (ACS)
4th of July Committee
Local Registered Political Parties
Walworth County Health Services
Whitewater 4H / Boy Scouts / Girl Scouts
Stone Mill Quilters
AWANA
Kettle Moraine Baptist Academy
Alcoholics Anonymous
Community Cat

Youth Sports Organizations:

Whitewater Traveling Basketball
Whitewater Traveling Baseball
Whitewater Youth Soccer
J-Hawks

Local Civic/Charitable Groups:

Kiwanis Club (Breakfast/Noon/Circle K)	Knights of Columbus	Lions Club
League of Women Voters	Optimists	

Note: To be added or considered as a partner organization, please submit a letter of request to the Parks & Recreation Director. Decisions will be based on charitable contribution to the community and/or services provided to youth in our local community.

Group 2 50% of Listed Fee

Religious Organizations
University of Wisconsin-Whitewater Recognized Organizations, Groups, Schools, Athletics
Private Events not serving food or beverages that are free to the public

Group 3 100% of Listed Fee

Private Event serving food and/or alcohol
Private Event charging admission
All Group 3 Reservations will not receive a key for the facility. A rental attendant will meet them at the facility and open the building, explain regulations, and answer questions.

Long Term Rental Discount

Rental Groups interested in special rates based on continuous use must enter request 10 days prior to the month they are requesting use to the Parks and Recreation Director, who shall present an agreement to the Parks and Recreation Board for their approval at the next scheduled monthly meeting.

IV. FEES & CHARGES

The facilities listed below must be rented a minimum of four (4) hours. Online reservations will be posted in four (4), eight (8), and sixteen (16) hour blocks. Requests outside of these blocks should be addressed with Parks and Recreation staff. A \$200 damage deposit is required for these facilities.

Indoor Facilities	Capacity	Hourly Resident Fee	Hourly Non-Resident Fee
Cravath Lakefront Community Center	100	\$40.00	\$50.00
Starin Park Community Building	100	\$30.00	\$37.50
Armory Gym* & Kitchen	300	\$30.00	\$37.50
Armory Dance Studio	25	\$30.00	\$37.50

The Armory Gym does not allow food or beverages and is intended to be used as an athletic and programming venue – it is not a party hall.

The facilities listed below are rented for a minimum of an entire day, from 6am – 11pm. No damage deposit is required for park shelter reservations.

Park Shelters	Capacity	Daily Resident Fee	Daily Non-Resident Fee
Cravath Lake Picnic Shelter	100	\$60.00	\$75.00
Trippe Lake Shelter (beach)	100	\$70.00	\$87.50
Trippe Lake Picnic Shelter	100	\$50.00	\$62.50
Starin Park Shelter (2)	100	\$50.00	\$62.50

Cravath Wedding Specials	Daily Resident Fee	Daily Non-Resident Fee
Park Area (Service/Photos)	\$100.00	\$125.00
Park Area + Picnic Shelter	\$120.00	\$150.00
Park Area + Picnic Shelter + Community Center	\$450.00	\$562.50

Athletic Facilities	Per Hour Resident Fee	Per Hour Non-Resident Fee
Starin Little League or North Diamond	\$20.00	\$25.00
Starin Toppers Diamond	\$40.00	\$50.00
Starin Treyton's Field of Dreams	\$100.00	\$125.00
Starin Ball Diamond Complex (All 4 fields)	\$150.00	\$187.50
Moraine View Soccer Field	\$20.00	\$25.00
Moraine View Fields (All 7)	\$100.00	\$125.00
Any City Park (not listed above)	\$50.00	\$62.50

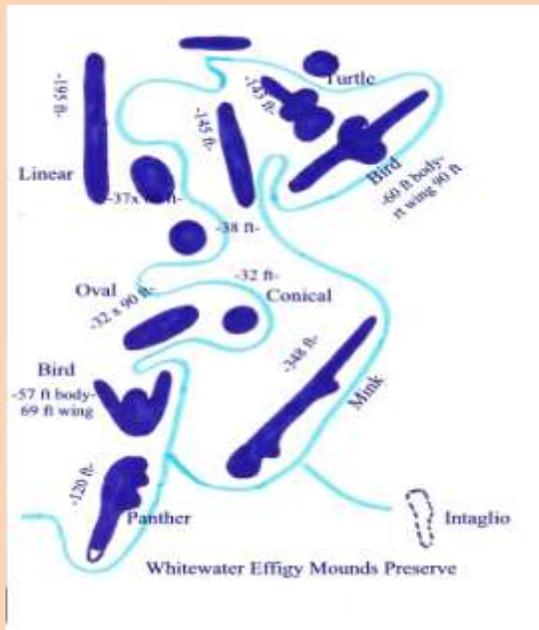
V. RULES & REGULATIONS

- Full payment is required at the time of the reservation.
- Groups 1 & 2 must pick-up keys during normal business hours.
- The Whitewater Parks and Recreation Department reserves the right to deny programs and/or special events which conflict with existing programs, use facilities for an event the facilities were not intended, or cause undue hardship on the facility and/or surrounding area. The availability of facilities for Class 1 may be limited based on requests and other rentals. Groups in Class 1 & 2 can provide the damage deposit or sign a “financial responsibility and damage deposit” form.
- All groups must reserve the building for times needed including set-up and clean-up. In most cases, the contracted cleaning company will arrive at your scheduled completion time.
- All requests for facility rental refunds must be submitted in writing to the Parks and Recreation Board.
- A \$200 damage deposit is required for all Group 3 reservations when reserving the Starin Community Building, Cravath Lakefront Center, and Downtown Armory. No deposits are required for picnic shelters. The deposit can be paid on-line at the time of reservation or by cash/check no later than 14 days prior to the rental. The deposit is processed at the time of payment and will be returned via check no later than 2 weeks following the rental. Failure to pay the deposit 14 days in advance of the rental will result in the cancellation of the reservation.
- All facility reservations must be made and completed in full a minimum of 10 days prior to the event. The Parks and Recreation Director can waive the 10 day minimum for special circumstances.
- For Groups 1 & 2, remember to check the site when you arrive! If there are any damages/problems please call 262-473-0122 immediately and leave a detailed message. The exact time of your call and your concerns will be documented.
- Separate permits are required for renters that are serving alcohol, using amplified sound systems (outdoor rentals only), or anyone selling merchandise or booth space. These permits can be obtained from the City Clerk’s office.
- All park regulations shall be observed. Municipal Buildings open at 7:00 am and close by 11:00 pm unless approved by the City Clerk at the time the contract is signed. Parks are open at 6:00 am and close at 12:00 am (midnight). The renter will forfeit \$100 of the damage deposit if they are in violation of the park curfew ordinance.
- Payment for the reservation is due in full before the facility is reserved. Photo ID is required with completed facility request form AND payment of damage deposit, as renter you are responsible for any damages.
- For Groups 1 & 2, keys are not distributed on weekend days. You must stop by City Hall before your event, Monday – Friday during normal business hours.
- Consumption of alcohol is by permit only and in compliance with applicable ordinances and regulations. Permits/requests to have alcohol in a city facility should be submitted with payment at least 2 weeks prior to the event date. Only the applicant may request an alcohol permit, and photo ID is required with the application. Failure to obtain the proper permits the renter will forfeit \$200 of the damage deposit.
- Applicant shall be liable for any loss, damage or injury sustained by virtue of the activity conducted. Damages fees are as follows: replace rectangular table \$150, replace folding chair \$50, replace stackable chair \$150, replace 60” round table \$350. Building maintenance will be estimated at a rate of \$50/hour. Carpet cleaning will result in a \$300 charge and any floor refinishing or resurfacing will range in cost from \$300-\$550.

- Handicapped accessible entrance doors are not allowed or able to be propped open. Please do not try and force the doors to stay open. Any damage done to the doors by keeping them open will be assessed to your damage deposit.
- No smoking is allowed in the City of Whitewater Buildings. Failure to comply the renter will forfeit \$200 of the damage deposit.
- Decorations are not to be attached in any way to the suspended ceiling at the Community Building. An eye-bolt is available in the ceiling of the West Room for hanging decorations. In all City facilities renters should avoid placing tape on the walls. No crepe paper is allowed in any rental facility.
- Please keep our facilities clean. It is the renter's responsibility to: bring your own dishtowels/cloths, wipe down tables and chairs and restore to the original locations, wipe down counters, appliances, and other surfaces, vacuum/clean floors and walls of any spills, clean any garbage from around the outside of the facility that your group may have caused, take all garbage with you after your event. Failure to remove garbage from the site is a \$100 charge against the damage deposit. Garbage can be taken to the dumpster located behind the Downtown Armory at 116 W North Street.
- Tent structures must be approved by the Parks and Recreation Director at time of facility request and comply with Diggers Hotline, Building Code and Fire Code requirements. No approval will be given and installation denied if compliance is not met.

WELCOME

WHITEWATER EFFIGY MOUNDS PRESERVE



Thank You for Your Respect

This 25 acre Preserve contains significant cultural and natural features, including 13 earthen mounds. Several different groups of native peoples designed, built, and used these mounds between about 800 BCE and 1200 CE for sacred, ceremonial, and other cultural purposes.

Here exists one of the few remaining oak savannas in Wisconsin. Also within this Preserve and surrounding the mounds are remnant and introduced prairie plants.

Touring the Preserve involves walking along trails for at least 30 minutes. Due to the sacred nature of this site, there are no automobile tours. Pets are not allowed inside the Preserve unless they are certified service animals.

SACRED SPACE

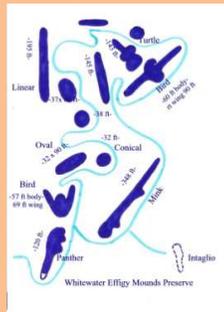
1.

2.

3.

4.

5.



See corresponding paragraphs (1. thru 5.) on next 3 pages.

SACRED SPACE

- 1. When you visit a mound you are visiting a gravesite.** You are about to witness a place that is both sacred and ceremonial to those of the mound building cultures and their descendants. Please: no pets, alcoholic beverages, or motorized vehicles beyond this point. Please stay on the walking paths. There is no collecting of anything within this Preserve. **Since 1987, Wisconsin's burial mounds are protected by State law, Wis. Stats. 157.70.**

- 2. Many different American Indian communities built earthen mounds** across southern Wisconsin, northern Illinois, northeastern Iowa and southeastern Minnesota. Mound building took place between about 800 BCE until around 1200 CE. Archaeologists call this time the Woodland Period. Peoples during this time continued to hunt and gather their food, but they also began farming and making pottery.

Sacred Space, cont'

3. Why did people build the mounds? Both oral tradition and past archaeological excavation tell us that mound building was associated with burial and ceremonial rituals. While mound building traditions and burial practices within mounds have changed over time, American Indians continue to use these sacred spaces today.

4. How did they build the mounds? Mound builders used shovels made from bone and wood to dig dirt. Handmade baskets were used to haul dirt to the mound sites. Because no deep digging pits have been found near the mounds, mound builders probably scraped earth shallowly from a wide area around the mounds, or carried smaller amounts of special dirt from other sacred places.

Sacred Space, cont'

5. Where did they build the mounds? Peoples of the Woodland Period built their mounds in special and sacred places often on the tops of hills, bluffs, and ridges. Often these places were near lakes, rivers, marshes, and springs. Springs and a wetland are located in the northwestern part of this Preserve but are not accessible for touring.

Group 1: 3 effigy mounds (panther, thunderbird, mink) ((25 to 32 words))

Panther (left) Thunderbird (center) Mink (right)

These three **effigy** (animal-shaped) mounds are earthen sculptures built between 750 and 1200 CE. Shapes of effigy mounds may identify the clan of the person or persons buried within.

(30 words)

Group 2: 2 geometric mounds

Oval (left)

Conical (right)

The **oval-shaped** mound was built between 500 and about 1200 CE. **Conical** mounds are the most common type of burial mound, built in this area between 800 BCE and 1200 CE. (35 words)

Group 3: 6 geometric mounds

Linear (3)

Oval (1)

Conical (2)

People built these six geometric mounds between 800 BCE and 1200 CE. The linear mound on the southeastern edge of the Preserve measures 195 feet in length. The conical mound on the southwestern edge has been damaged. (43 words)

Group 4: 2 effigy mounds(turtle, thunderbird,)

Turtle (left)

Thunderbird (right)

These two **effigy** (animal-shaped) mounds are earthen sculptures built between 750 and 1200 CE. Shapes of effigy mounds may identify the clan of the person or persons buried within.

(34 words)

oak savanna

Oak Savanna

This remnant of scattered oak trees allows the ground layer enough sunlight to permit growth of diverse grasses and flowering plants. Oak Savanna was once very common throughout the Midwest. (32)

Oak Savanna Plants

Oak Savannas like this provide habitat for both grassland and woodland plants. Both remnant and seeded grasses here include Big Bluestem and Prairie Dropseed. Flowering plants include wood violets (spring), wild bergamot (summer), and asters (fall).

(36 words)

Birds

This Oak Savanna provides nesting areas and food for a wide variety of birds including Red-headed Woodpeckers, Baltimore Orioles, and Rose-breasted Grosbeak. Others birds seen here include Cooper's Hawks, and Great Horned Owls. (33 words)

Display garden near street

Volunteers designed and planted this display garden in 2013. It contains a variety of prairie plants that represent some native plants that may have grown here during a much earlier time. (31 words)

Sign Placements Proposed

- 1 sidewalk @ c. \$1,350 (2' by 3')
- 1 entrance @ c. \$1,350 (2' by 3')
- 4 near mound groupings (not at each mound)*
- 1 near oaks re: oak savanna*
- 1 within oak savanna re: prairie plants*
- 1 within oak savanna re: birds*
- 1 at display garden near sidewalk*

10 NEW SIGNS

* cost of 8 plaques adhered to donated boulders