



MERRILL
WISCONSIN
City Of Parks

CITY OF MERRILL

Parks & Recreation Dept. - Smith Center

1100 Marc Dr. • Merrill, Wisconsin • 54452
Rec. Dept. Telephone (715) 536-7313 • Smith Center Telephone (715) 536-6187
Fax (715) 539-2790

JANUARY MEETING NOTICE

The Merrill Parks and Recreation Commission will have a meeting on **Wednesday, January 6, 2016 at 4:15 p.m.**, at the City Hall.

Voting members of Commission: Dave Sukow, Jean Ravn, Brian Artac, Melissa Schroeder, Troy Pieper, Ben Debroux and Michael Willman.

The following items will be included on the agenda:

1. Approve minutes from previous meetings.
2. Approve claims.
3. Public Comment
4. Continued discussion and potential action on Bike Route Designation and Pedestrian Routes.
5. Update on disc golf initiative.
6. Monthly reports.
7. Set date for next meeting.
8. Public comment
9. Adjournment

Submitted by

Mike Willman, Chairperson 
Parks and Recreation Commission

The Merrill City Hall is accessible to the physical disadvantaged. If special accommodations are required, please contact City Hall at 536-5594.

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PARKS AND RECREATION COMMISSION

December 2, 2015

The Merrill Parks and Recreation Commission met on Wednesday, December 2, 2015 at 4:15 p.m. at the Merrill City Hal.

Members Present: Mike Willman, Dave Sukow, Jean Ravn, Brian Artac and Ben Debroux

Members Excused Absent: Troy Pieper, Melissa Schroeder

Department Staff Present: Dan Wendorf and Dawn Smith

Visitors: Candy Peterson

***Motion by Sukow, seconded by Artac to approve the minutes from the October meeting.

***Carried unanimously.

***Motion by Sukow, seconded by Artac, to approve the claims.

Sukow questioned about the porta potties at Normal Park and the cost to have them there. Sukow stated that if they continue to pay for porta potties the City would be wasting a lot of money. Sukow also questioned the water bill at Athletic Park. Wendorf stated that the bill was for irrigation and the whole season of baseball. Wendorf stated that Merrill Baseball always chips in part for the bill. Artac question what centurion/glisten and lemon drop was. Wendorf stated that they are cleaning supplies used at the Smith Center.

***Carried Unanimously.

Public Comment: None

The first item on the agenda was a presentation on City Forest timber management from Rich LaValley (WDNR). Rich LaValley showed a presentation on the history of the City Forest and also explained how they manage the City Forest through timber sales. Rich LaValley stated they are putting in new roads and managing the roads and trails they have now. Rich also stated that he has almost the entire boundary lines painted around the City Forest.

The next item on the agenda was to review/approve Smith Center hot water heater bids. Wendorf stated that there was only one bid received from Mechanical Incorporated for \$41,300.00. Wendorf recommended accepting the bid stating the Mechanical does all of the needed maintenance around the building and is very familiar with the equipment and the building.

***Motion by Sukow, seconded by Ravn to accept the bid from Mechanical Inc. for \$41,300.00 for the new hot water heaters at the Smith Center.

***Carried Unanimously.

The next item on the agenda was continued discussion regarding Bierman Family Aquatic Center policies. Wendorf stated that he downsized the rules and regulations from the first draft. Wendorf asked if anyone had any changes they would like to make. City Administrator Dave Johnson stated that he did not like the last item listed on the policies stating that if we continue to close

the pool due to low attendance people who purchased season passes are going to get upset if the pool is always closed. Sukow also stated that the temperature one should not be on there.

***Motion by Sukow, seconded by Artac to approve the rules and regulations of the Bierman Family Aquatic Center eliminating the last two rules that the pool will close when the air temperature is less than 70 degrees and skies are cloudy and that the pool will close due to poor attendance of less than 50 patrons one hour after opening.

***Carried unanimously.

The next item on the agenda was to revisit Bike Route Designation initiatives and pedestrian routes to the Merrill Area Recreation Complex. Wendorf stated that he just wanted to bring everyone up to date on the bike routes. Wendorf stated that there was some confusion last summer on getting the bike routes painted and signed and he is hoping that next summer the bike trails can be completed. Wendorf stated that he put some information in everyone's packet regarding the bike routes and asked if anyone had any questions or concerns.

The next item on the agenda was monthly board reports. Wendorf asked if anyone had any questions. Wendorf stated that he met with Eric Pfantz in regards to the Disc Golf courses. Wendorf stated that he received a packet from Eric in regards to all the ideas for some new disc golf courses. Wendorf would like to see the disc golf courses back on the agenda in the near future for discussion and hopefully some action. Sukow stated that this was a great idea and a great way to utilize the parks.

***Motion by Sukow, seconded by Ravn to approve the monthly board report given by Wendorf.

***Carried unanimously.

The next regular meeting is scheduled for January 6, 2015 at 4:15 p.m. at the Merrill City Hall.

No public comment

***Motion by Sukow, seconded by Artac to adjourn at 5:30 p.m.

***Carried unanimously.

Dawn Smith
Recording Secretary

DECEMBER

ACE HARDWARE	LIGHT BULBS	12/9/2015		\$35.97	
ACE HARDWARE	SNOW PUSHER/GRAIN SCOOP	11/20/2015		\$161.95	55200-08-90500
ACE HARDWARE	BULBS	12/1/2015		\$34.95	55400-03-40000
ACE HARDWARE	BULBS	12/3/2015		\$72.92	55400-03-40000
ACE HARDWARE	MENDR HOSE MALE	12/5/2015		\$2.29	55200-03-40000
ACE HARDWARE	BULBS	12/7/2015		\$32.96	55400-03-40000
ACE HARDWARE	FASTENERS	12/11/2015		\$28.99	55200-03-40000
ACE HARDWARE	DRIVE BIT SET	12/10/2015		\$17.79	55200-03-40000
ADVANTAGE PURCHASING	AQUATIC CENTER	12/9/2015	150357-0004	\$143,333.53	AQUATIC CENTER
AED SUPERSTORE	AED REFRESH PACK FOR AED	11/5/2015	547309	\$367.00	55400-08-82000
AMERICAN WELDING	CYLINDER RENTAL	11/30/2015	646	\$73.16	55200-02-15000
AMERICAN WELDING	CYLINDER RENTAL	11/30/2015	929	\$105.75	55200-02-15000
ARBOUR DAY FOUNDATION	MEMBERSHIP	12/15/2015		\$15.00	55200-08-92000
BAUMGART WASTE REMOVAL, LLC	CARBOARD PICKUP/WASTE HAULING	12/2/2015		\$83.00	55400-02-23600
BOB'S WEST 64	MOUNT TIRE	11/9/2015	26649	\$36.47	55200-03-50000
DAVE'S COUNTY MARKET	BREAKFAST WITH SANTA	12/10/2015		\$11.65	55300-03-41500
ENVIRONMENTAL CHEMICAL ENTERPRISES	FIRST AID KIT	11/23/2015	342C	\$553.00	55200-08-90500
FASTENAL	PARTS FOR SHOP	7/7/2015	82289	\$16.08	55200-03-40000
FERGUSON ENTERPRISES	SINK FAUCET	11/13/2015	2409491	\$225.45	55400-08-82000
FERGUSON ENTERPRISES	PARK SUPPLIES	11/19/2015	241557	\$11.11	55200-03-40000
FERGUSON ENTERPRISES	PARK SUPPLIES	11/19/2015	2415550	\$49.22	55200-03-40000
G & K SERVICE	MATS/MOPS	11/26/2015	1016332282	\$263.99	55400-02-23250
G & K SERVICE	UNIFORMS JIM/JOE/ADAM	11/26/2015	1016332290	\$96.90	55200-03-46000
G & K SERVICE	UNIFORMS JIM/JOE/ADAM	11/19/2015	1016329390	\$96.90	55200-03-46000
G & K SERVICE	UNIFORMS JIM/JOE/ADAM	12/3/2015	1016335206	\$96.90	55200-03-46000
G & K SERVICE	UNIFORMS JIM/JOE/ADAM	12/10/2015	1016338113	\$96.90	55200-03-46000
G & K SERVICE	MATS/MOPS	12/24/2015	1016343909	\$263.99	55400-02-23250
J. WENNING	ZAMBONI BLADE SHARPENING	12/17/2015	90822	\$77.00	55400-03-50000

LINCOLN COUNTY LANDFILL	GARBAGE	11/30/2015	10198	\$88.89	55200-08-91000
MECHAINICAL	OFFICE FURNACE	10/27/2015	48306	\$1,015.49	55400-02-16250
MERRILL DISTRIBUTING	GARBAGE BAGS	12/7/2015	1312623	\$166.26	55400-03-40000
MERRILL DISTRIBUTING	GARBAGE CAN LINERS	12/1/2015	1311950	\$78.66	55400-03-44000
MERRILL DISTRIBUTING	URINAL BLOCKS	12/8/2015	1312823	\$149.90	55400-03-44000
MERRILL STREET DEPARTMENT	P-21	11/24/2015	7854	\$102.74	55200-03-50000
MERRILL STREET DEPARTMENT	P-2	11/2/2015	7825	\$146.13	55200-03-50000
MERRILL STREET DEPARTMENT	P-19	11/16/2015	7844	\$105.48	55200-03-50000
MERRILL STREET DEPARTMENT	P-18	11/12/2015	7840	\$35.16	55200-03-50000
MERRILL STREET DEPARTMENT	P-18	11/2/2015	7827	\$109.88	55200-03-50000
MERRILL WATER UTILITY	LIONS PARK	1/10/2016	116-02440-00	\$332.73	55200-02-21000
MERRILL WATER UTILITY	SOCCER BUILDING	1/10/2016	106-00943-00	\$145.83	55200-02-21000
MERRILL WATER UTILITY	MARC	1/10/2016	106-00940-00	\$658.59	55400-02-21000
MERRILL YOUTH HOCKEY	HOT DOG B-PARTY	12/9/2015	149	\$35.00	55300-03-41500
MIRON CONSTRUCTION	AQUATIC CENTER	12/8/2015		\$431,104.54	AQUATIC CENTER
PREMIER MANUFACTURING	BLACK BRASS PLATE	12/2/2015	3385	\$28.00	RIVER BEND BENCH
PREMIER MANUFACTURING	BLACK BRASS PLATE	12/17/2015	3397	\$56.00	RIVER BEND BENCH
QUICK SILVER BROADCASTING	ADVERTISEMENT	11/30/2015	242	\$246.00	55400-03-41000
RIESTERER AND SCHNELL	PARTS FOR SHOP	12/1/2015	934260	\$201.64	55200-02-15000
U.S. CHEMICAL PROCUREMENT	GERMICIDAL CLEANER	12/16/2015	934-43	\$376.98	55400-03-40000
WALMART	OFFICE SUPPLIES	12/2/2015		\$24.87	55300-03-41500
WALMART	CHRISTMAS TREE ORNAMENTS	12/8/2015		\$24.84	55400-03-40000
WATER TECHNOLOGY INC.	AQUATIC CENTER	11/18/2015	R14307.01	\$8,000.00	AQUATIC CENTER
WPRA	MEMBERSHIP DAN WENDORF	12-09-15	556-16	\$130.00	55200-03-32000
WPRA	MEMBERSHIP DAWN SMITH	12/9/2015	553-16	\$130.00	55200-03-32000
WPRA	MEMBERSHIP JIM YATES	12/9/2015	555-16	\$130.00	55200-03-32000
WPRA	MEMBERSHIP JOE WECKWERTH	12/9/2015	554-16	\$130.00	55200-03-32000
WPRA	MEMBERSHIP RENEWAL DAWN	12/23/2015		\$130.00	55200-03-32000
WPRA	MEMBERSHIP RENEWAL DAN	12/23/2015		\$130.00	55200-03-32000



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January 2016 Parks & Recreation Director's Report

As with everyone, we are still waiting for winter to arrive. We have all of our equipment ready to go. Ice rinks are going to have to wait until at least January this year, as we need at least 17 degrees or lower in order to get our rinks to set up. I have ordered our new broom for our front deck mower already, as it does not need to be bid out and is coming from the Timber Salvage Fund. I have also started working with the Street Department mechanics on a new trailer and flower watering used pick-up truck. The trailer and truck are also going to come out of that same fund and are under the threshold required for bidding. I spent a number of hours in the parks that are going to be impacted by the ADA lawsuit with an engineer to begin laying out information we can use to bid the entire project. We have to spec out all of the connecting trails, elevations, dimensions, materials, and related information so we can bid it out and schedule construction for spring 2016. This will allow us to save money and time on all projects in the lawsuit. The crew has been able to take advantage of the favorable weather. We have been able to install donated park benches, haul material to the City Forest for the trail extension, and continue tree pruning in the parks. Miron Construction is going to continue to take advantage of the weather as well and continue work on the Aquatic Center through the end of 2015 for sure. Exterior construction is going very well, slides are complete, concrete decking was finished on time, lights are up, shade posts were erected, and the final aquatic center fence was completed the week of Christmas. Now that the final fence has been finished, they have removed the perimeter security fence from the site. We will have to keep a close eye on the site and hope that people respect this new investment in our community. The sub-contractors will continue to work inside during the winter months to finish painting, fixtures, wiring, stall/changing dividers, filters, pipe connections, etc.

Forestry: As previously mentioned, the unseasonal weather has allowed our crew to continue with training and maintenance pruning on our young trees. Training pruning is very critical for young trees as it promotes proper form and growth. This, in turn, reduces future cost and liability due to the strength of the tree frame. I have been continually marking ash trees and will do so through the winter months. I received notice back that our grant application was not selected for funding from American Transmission Company. As with all grants lately, there was a large volume of applicants requesting more money than they had to spend. As always, I will get ready to re-apply next year as this is a fantastic no-match grant. I am looking forward to next year in forestry as I have some ideas that I would like to work on. Some of those include cluster plantings, continuing to fuse more technology into what we do to become more efficient, fruit forest, and continue to increase our species diversity.

Recreation: We are ready to jump into our winter sports schedule that is slated to begin right after the New Year. We have Little Dribblers youth basketball league, Special Needs Athletic Program (SNAP), and Winterfest to name a few. We are going to push and promote these programs right up until they start so we can gain participants. Our youth basketball numbers are a bit low and lately that has been due to MAPS lowering their ages for traveling programs in certain sports. Zumba classes continue on Thursday mornings at the Smith Center. Planning will continue for summer recreation programs over the

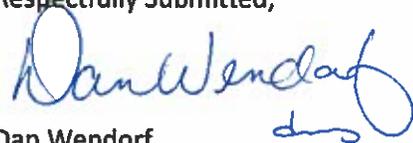
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winter months. I have mentioned this before but there is a tremendous amount of preparation and planning that goes into these programs. We take advantage of these months to ensure that we have everything planned and organized so when the time arrives we are ready to hit the ground running. It also helps to have our plans set in order to promote our events and activities as early as possible to help with participation and registration.

Smith Center: We are still in full swing with ice time inside the arena. Things have been going very well over the past month. The new Zamboni has been working fantastic and now that our guys have had ample time to train on it, they say that it makes the best sheet of ice they have ever seen. There are a few things that we need to make sure we continue to do to ensure the life of the batteries is prolonged. It is also nice to not have to deal with LP fuel tanks anymore, and the costs associated with it. Between cost and emissions, this is going to be an outstanding investment for us. Our hot water heaters are going to be installed within the next week or two and will make a significant difference in our efficiency in the arena. Our new scoreboards are set to deliver on December 30th and will be here and installed the week of January 4th. All of the other operations in the arena have been running pretty smooth this season thus far, which is a very good thing. Our office will be busy the first week of the New Year as that is when we begin taking park registrations for the 2016 season. It is always a very busy few weeks with people reserving their favorite parks.

Respectfully Submitted,



Dan Wendorf
Parks & Recreation Director
City of Merrill

Prairie Trails Park 9-Hole Proposal

1. INTRODUCTION

2. WHAT IS DISC GOLF?

3. WHO CAN PLAY?

4. COMMUNITY AND PARK BENEFITS

5. COSTS AND LAND REQUIREMENTS

5.1 Costs

5.1.1 Baskets

5.1.2 Tee Pads

5.1.3 Signs, Message Board, and Trash Cans

5.1.4 Installation and Maintenance

5.1.5 Economic Summary for 9-Hole Course Installation

5.1.6 Amenities

5.2 Space Requirements

6. HOW YOUR STATE PERTAINS TO U.S. DISC GOLF

7. ABOUT YOUR LOCAL CLUB OR ORGANIZATION

8. APPENDICES

8.1 Technical Specifications for Installation of Tee Pads

8.2 PDGA Disc Golf Course Design Standards

8.2.1 Disc Golf Course Design Goals

8.2.2 Course Design Elements

8.3 Potential 12 Basket Loop System

8.4 Miscellaneous Items

1. Introduction

The game of disc golf has exploded in recent years, and is now being enjoyed by people all ages on over 6,000 courses worldwide, with more than 5,000 in the U.S. alone. It is our belief that the game has grown to the point where Merrill can greatly benefit from the addition of a disc golf facility.

We respectfully propose that you consider amending your park plan to include a request for \$10,000 of state or local funds targeted to establish an 9-hole disc golf course within Prairie Trails Park.

2. What is Disc Golf?

The concept of the game is easier to understand when the term 'Frisbee® golf' is used, but since Frisbee is a registered trademark, we call the game disc golf instead.

The game is similar to traditional ball golf. Players use special frisbees (golf discs) instead of balls and clubs, and throw them at an above-ground target instead of a hole in the ground. There are different types of golf discs used for different purposes, much like ball golfers use different clubs.

The object of the game is to throw a golf disc into the target for 'par' or better, i.e., in the fewest number of throws. The target is typically a steel basket over which chains hang, known as a Pole Hole®. The player begins by 'driving' from a designated concrete tee area and continues toward the target, throwing each consecutive shot from the spot where the previous throw has landed. Finally, a successful 'putt' sends the disc into the target, and the hole is completed. The combination of challenges to players, including distance, accuracy, wind, trees, shrubbery, water and terrain changes, offer plenty of action and excitement during the course of a game.

A complete, tournament-ready course of 9 holes typically utilizes 9 to 14 acres of land, depending on terrain and course design. Hole lengths typically run anywhere from 150 to 500 feet.

Disc golf is enjoyed all year long, and in many types of weather conditions, including snow.

Nationally, the growth of disc golf is exploding. The game's governing body, the Professional Disc Golf Association (PDGA), reports an annual 15% growth rate, a total of 3 to 5 million persons who have tried the game, and a 2015 total of over 5,000 U.S. disc golf courses. The statistics also showed a total of nearly 6,500 courses worldwide, up from 1,700 in 2005. The PDGA is on the Web at <http://www.pdga.com>.

3. Who Can Play?

You'll find men, women, and kids of virtually all ages playing on your disc golf course.

Players are drawn by many of the same pleasures found in traditional ball golf: fresh air in a beautiful landscape, the camaraderie of friends, and the challenge and excitement of combining personal skill and speed to project an object toward a target.

The rules are simple to grasp, allowing beginners to immediately have fun challenging themselves and their friends. A typical round of 9 holes takes approximately 30 to 60 minutes to play.

Perhaps the greatest factor behind disc golf's broad accessibility is its low cost. Players need nothing more than an \$8-\$18 frisbee, and since most courses are located in parks, there are little or no admission fees. This factor alone opens the game up to countless Wisconsin residents who cannot afford many of today's other popular recreation activities.

Bottom line: disc golf is fun for everyone regardless of age, gender or economic status.

4. Community and Park Benefits

Disc golf's high benefit-to-cost ratio makes it a positive choice for your overall community service plans. In addition to appealing to nearly all age and gender groups, the game is environmentally sound and serves a great number of people for a very low investment in time, energy and financial costs.

Disc golf courses differ from ball golf courses in that they fit into the existing flora of the park, rather than requiring the clear-cutting of trees or the manicuring and fertilization of fairways. They tend to utilize areas within parks that are otherwise underused, including thick woods and slopes, yet can easily co-exist with other activities such as hiking and dog-walking. There is almost no noise pollution created, and players take great pride in the care of their course, cleaning up litter and reminding others to use trash receptacles.

Installing a course also creates extra traffic in areas which might otherwise be remote, providing a year-round human presence and deterrent to the few parks guests who may have mischief on their minds.

By selling discs and other concessions on site, your park can realize an added income in excess of \$10,000 per year.

Finally, for less than the cost of installing one tennis court which can serve four people at a time, your park can install an 9 hole disc golf course and serve a minimum of 18 people at any given time, all year round.

5. Costs and Land Requirements

5.1 Costs

A first class 9 hole disc golf course can be installed for as little as \$8,000. This includes the purchase/construction and installation of 9 galvanized steel baskets, 18 cement tee pads, 9 tee signs, trash cans, and a message board. This figure is very flexible, as costs can be easily cut utilizing player volunteer efforts.

5.1.1 Baskets

These estimates are based on a locally made disc golf basket -- The King Pin --. Other types of baskets are available at similar prices. Each basket would be set in a cement hole measuring approximately 8 inches in diameter and 18-36 inches deep. Once in place, they are relatively maintenance free.

KingPin Basket: $\$375.00 \times 9 = \$3,375.00$

Concrete: 1 cubic yard = \$95.00

Total Basket costs: \$3,470.00

5.1.2 Tee Pads

Each hole would have two cement tee pads, one closer to the basket for amateur players, and the other farther away for advanced players. Each would be flush to the ground or elevated depending on design & terrain factors, approximately 6x12 feet in length and 4 inches thick, requiring approximately 1 cubic yard of concrete. Once in place, they are relatively maintenance free.

Concrete, forms, fill and seed: $\$110.00 \times 18 = \$1,980.00$

5.1.3 Signs, Message Board, Seating and Trash Cans

Tee signs are important in directing new players through the next hole and providing information about hole length, terrain and out-of-bounds areas. The message board serves as a player gathering place and communications outlet. Trash cans are also a critical component of the course, as their presence on each hole will considerably reduce the amount of course litter. If constructed of solid material, all these items are also relatively maintenance free.

Tee Signs (estimated): $\$60.00 \times 9 = \540.00

Message Board (estimated): \$100.00
Trash Cans (estimated): \$50 x 9 = \$450.00

5.1.4 Installation and Maintenance

Once a course is in place, maintenance costs are relatively low. Mowing, tree trimming, and seeding will be required as needed. Erosion concerns should be monitored regularly depending on terrain, and occasional maintenance can be required on heavy footpaths. Tee pads should be regularly checked for safe grade, signs checked for maintenance needs, and hazardous trees or limbs removed. A regular routine to empty trash cans will ensure a tidy course.

Installation and maintenance costs can be dramatically offset by player volunteer efforts.

Maintenance labor and materials estimates:

Mowing: 15 hours/week
Trash removal: 5 hours/week
Seeding: \$200/year
Tree Trimming/Miscellaneous: 5 hours/month

Installation labor requirements for disc golf holes will vary by terrain. Fieldgrass areas will need only mowing, while heavily wooded areas will require selective tree removal, including falling, chipping, stump removal and hole filling. While hole preparation time for a fieldgrass area may need only four hours of labor, a heavily wooded area may require 40 hours.

Installation labor estimates:

Baskets: 2 hours each
Tee Pads: 4 hours each
Holes: 8 hours each/average
Signage: 1 hour each
Total installation labor hours (estimated): 135

5.1.5 Economic Summary for 9-Hole Course Installation

Total Basket costs: \$3,470.00
Concrete Tee Pads (estimated): \$110.00 x 18 = \$1,980.00
Tee Signs (estimated): \$60.00 x 9 = \$540.00
Message Board (estimated): \$100.00
Trash Cans (estimated): \$50 x 9 = \$450.00
Installation labor (estimated): \$10 per hour x 135 hours = \$1,350.00
TOTAL ESTIMATED COSTS: \$7,890.00

5.1.6 Amenities

Adding the following amenities will further increase the quality and enjoyment of your disc golf course:

- Drinking fountains
- Bathrooms
- Bridges over water hazards
- Practice putting area (one to three targets)
- Concession/disc sales area
- Driving range/disc sports area

5.2 Space Requirements

Depending on terrain, each disc golf hole will require one to two acres of land.

6. HOW YOUR STATE RELATES TO U.S. Disc Golf

Wisconsin currently has 272 disc golf courses ranking 3rd in the nation for number of courses trailing only Texas(359) and California(277). 2 courses are in the top 10 and 4 are in the top 25 in the nation, more than any other state according to <http://www.dgcoursereview.com/>.

Wisconsin had the honor of hosting the 2007 Professional Disc Golf World Championship in Highbridge, WI as well as the 2007 Amateur World Championship in Milwaukee, WI and the 1998 Amateur World Championship in Appleton, WI.

Wisconsin is home of the largest disc golf complex in the world consisting of six full courses located in Highbridge, WI <http://www.hhnsc.com/>.

Wisconsin is also home to Sandy Point Resort and Disc Golf Ranch described as disc golf heaven and home of the Wisconsin Disc Golf Hall of Fame.

As the sport continues to grow tourist dollars will also continue to flow to the states that offer the most high quality courses, facilities and tournaments. With an established base we can continue to grow on Wisconsin's reputation and success as a leader in disc golf.

7. ABOUT YOUR CLUB OR STATE DISC GOLF ORGANIZATION

Merrill DG is a new club that hopes to cooperate with already established groups and put Merrill on the map as the new disc golf Mecca. We also would like to start an annual Merrill City Open.

8. Appendices

8.1 Technical Specifications for Installation of Tee Pads

Courtesy of Innova-Champion

Tee Pad Concrete Specifications

- 4" minimum thickness
- 3000 PSI minimum
- 4" slump
- Approximately 1 cubic yard per each 12' x 6' x 4" tee pad.
- Use rebar or wire when building on unstable soil

Finish:

Create a very coarse finish. Most broom finishes will wear smooth within one year and will be ineffective during wet conditions. To achieve an excellent finish, affix a weighted Astroturf mat to a broom and drag the mat across the wet concrete. Timing is essential to finish.

Drag the grass-like blades across the wet surface shortly after floating but before a broom finish would normally be applied.

Two inch finished edge (optional)

Grade:

The tee pad should be essentially level from side to side.

From front to back, the pad may slope to follow grade, but slope must not exceed 1 inch per foot. To allow for drainage, the pad should never be perfectly level or have low areas that will harbor water.

Pad elevation should not interfere with mowing and other maintenance operations.

Concrete Specifications © Innova-Champion, reprinted with permission.

8.2 PDGA Disc Golf Course Design Standards

Prepared by the Disc Golf Course Designers Group, December 1997

Adopted by the Professional Disc Golf Association, January 1998

8.2.1 Disc Golf Course Design Goals

- A. Satisfy the design requirements of the people and organizations who approve use of the land and fund the equipment for the course.
- B. Design course to be safe for both players and non-players who may pass near or through the course.
- C. Design course with the potential for multiple configurations to serve not only beginners but players with advanced skills; consistent with the budget and design needs expressed in Goal A above.
- D. Design a well balanced course with a wide range of hole lengths and a good mixture of holes requiring controlled left, right and straight throws.
- E. Utilize elevation changes and available foliage as well as possible. Take care to minimize potential damage to foliage and reduce the chances for erosion.

8.2.2 Course Design Elements

8.2.2.1 SPACE

A Community Full Service course requires up to one acre per hole. However, a Recreational Standard course can sometimes fit 2-3 holes per acre depending on terrain.

8.2.2.2 HOLE COUNT

Most courses are either 9 or 18 holes. There are several with 12, 24 or 27 holes. Tradition appears to dictate that the number of holes be divisible by 3. It is better to install a well designed, dual tee 12-hole course than it is to install a cramped, less safe 18-hole course on the same piece of land.

8.2.2.3 LENGTH

All courses should have at least one configuration for beginners and casual recreational players that averages no more than 250 feet per hole (75 meters). This is a maximum of 4500 ft (1350m) for an 18-hole course or 2250 feet (675m) for a 9-holer. The preferred length range is 3600-4300 feet (1080-1290m) for the shortest setup on an 18-hole course. This is an average length of 200-240 feet per hole (60-73m). No hole should be shorter than 120 feet (35m) and 150 feet (45m) is the "normal" low end limit. Longer configurations are achieved by installing alternate tees or target positions on several holes. Typical 18-hole course setups for advanced players range from 4500-6000 feet (1350-1800m). Course setups longer than 6000 feet (1800m) are primarily

for expert players and tournament play. There is no maximum length allowed for a hole. The longest holes in the world are about 1000 feet (305m).

8.2.2.4 HOLE NOTES

There should be a preferred flight path to a hole. Ideally, there should be more than one flight path (including rollers) to play several of the holes. There should not be too many obstructions within 30 ft (10m) of each target. An obstruction should not be so imposing that a player can not at least try to putt by stretching sideways, throwing from a low stance or throwing over the top of or through any obstacles near a target. No player throwing from the shortest (or only) tee on a hole should ever be "forced" to throw over water that is normally greater than 18" deep (50cm). Have an alternate flight path (usually to the left) that gives players the option to not cross water. Any normally dry trenches or bodies of water under 18" deep that are regularly in play should have safe paths down and out to be able to throw and/or retrieve discs safely.

8.2.2.5 TEES

Hard surface tee pads of textured cement or asphalt are preferred. Recommended size is 6 ft wide by at least 12 ft long (1.8x3m). Maximum size is 6 ft wide by 20 ft long with the back end flaring out to 10 feet wide. If you need to conserve materials, make tee pads shorter on short or downhill holes and longer on long holes. For example, a hard surfaced tee pad at the top of a hill on a short hole might only need to be 8 ft long because players will just stand at the front edge of the tee to make their throws.

Non-hard surface tee areas should be even surfaced and not contain protruding rocks or roots. Tee areas should be level from left to right. They should not slope too sharply from front to back. The front edge of tee area must be indicated by the front edge of a tee board buried flush in the ground or by the imaginary line between two stakes that mark the front edge.

Beyond the front of each tee pad should be adequate room for follow-through so a player doesn't risk twisting an ankle, falling off a ledge or whacking their arm on a tree or sign. If possible, provide adequate level ground for a run up behind each tee pad, especially on longer holes. Avoid major obstructions that severely block flight path up to 20 feet in front of tee.

On courses with alternate tees on some holes, the tees in the shorter positions should always be better or at least equal in quality to those in longer positions. For example, avoid designs where the long tee pads are cement and short tee pads are grass or dirt.

8.2.2.6 TARGETS

Any well-marked object, post or basket can serve as a target. Make sure targets do not have any sharp edges that might injure players or damage discs. Locally fabricated targets for sale or to be installed on public land must not violate any basket manufacturer's patents.

8.2.2.7 SIGNS

Install a rules sign prominently before the first tee plus post a rules sheet on an information board (if there is one). Signs or marker arrows near each target should indicate the direction to next tee (as needed). Signs should indicate Out-of-Bounds boundaries and any other areas players should avoid. The shortest tee on each hole should have permanent signs indicating the hole number, length, teeing direction (if needed) and recreational par. Signs on shortest tees should always be equal to or better than those at longer positions on each hole.

8.2.2.8 PAR

Par for recreational players using the short tees should range from about 68-75 on an 18-hole course. Many holes should be par 4s. A hole up to 200 feet (60m) is at least a par 3; from 200-280 feet (60-85m) is a par 4; from 280-400 feet (85-125m) is a par 5. (Add 1 to par for every additional 150 feet (45m) if needed.) Adjust par on a hole up or down if it has a significant upslope or downslope, respectively. Since it's easier to keep score in your head, advanced and expert players usually play all holes as par 3s (even if they rarely score 3 on long holes).

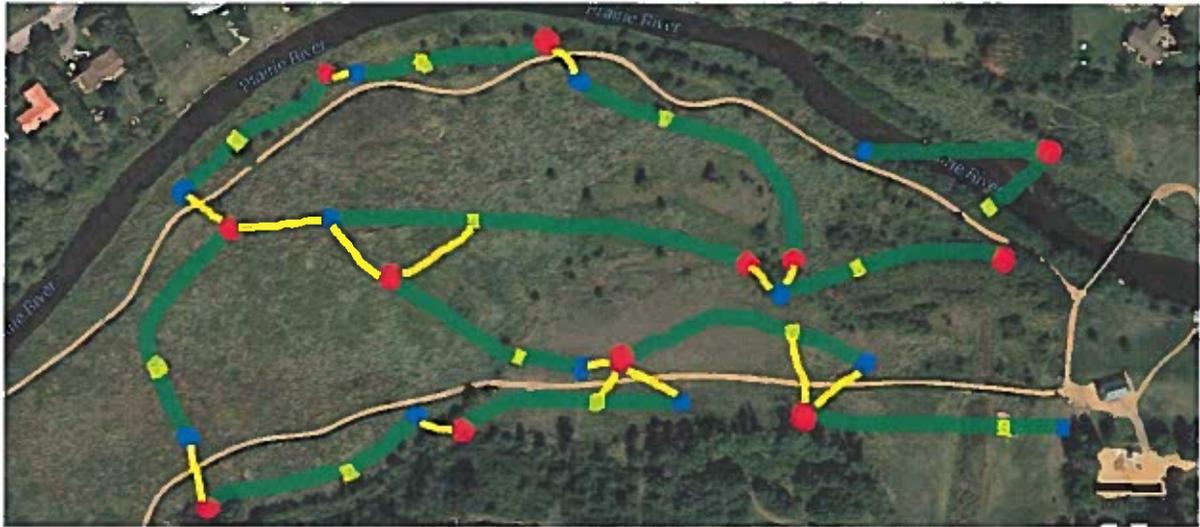
8.2.2.9 LAYOUT

Fairways should not cross one another and should be far enough apart so errant throws are not constantly in the wrong fairway. Fairways should not cross or be too close to public streets, sidewalks and other busy areas where non-players congregate. Avoid hazardous areas such as swamps and thorny or poisonous foliage. Tees and targets should be far enough from the targets and fairways of other holes.

The tee for the first hole should be the closest to the regular parking area. The target for the last hole should not be too far from the parking area and relatively close to the first tee. If possible, try to locate at least one other hole in the middle of course near the parking area. Try to minimize the amount of walking between holes (still keeping safety in mind).

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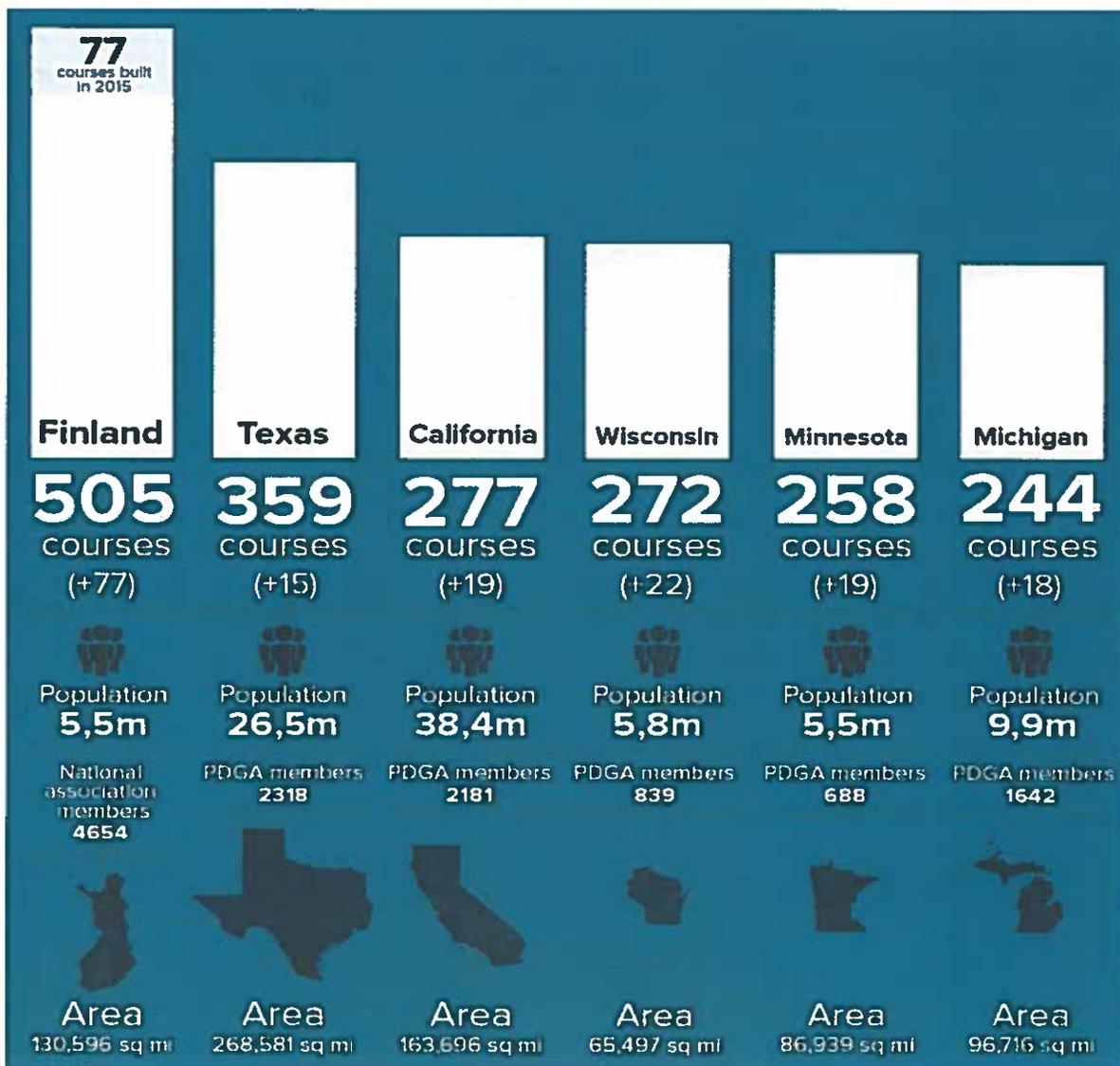
8.3 Potential 12 Basket Loop System



8.4 Miscellaneous Items

<http://discking1.com/>

<http://www.travelwisconsin.com/blog/adventure-sports/disc-golf-in-wisconsin>



Proposal template provided by www.discgolf.com



To: Parks & Recreation Commission

Re: January Meeting

Dear Commissioners,

I hope everyone had a safe and happy Holiday Season! I wanted to ask that each of you bring your Bicycle and Pedestrian information that was included in your December packets to the January meeting. We are going to be referencing that information for the meeting. If possible it would also be helpful to bring your Bicycle and Pedestrian Plan that we recently adopted so we can reference that as well.

Thank you very much and see you at the meeting in January.

Sincerely,

A handwritten signature in blue ink, appearing to read "Dan Wendorf".

Dan Wendorf
Parks & Recreation Director
City of Merrill