



The mission of the Hoffman Estates Park District is to offer healthy and enjoyable experiences to our residents and guests by providing first class parks, facilities, programs and services in an environmentally and fiscally responsible manner.

**AGENDA
SPECIAL BOARD MEETING
TUESDAY, SEPTEMBER 1, 2015**

Immediately following 7pm B&G Committee Meeting

1. ROLL CALL
2. PLEDGE OF ALLEGIANCE
3. APPROVAL OF AGENDA
4. COMMENTS FROM THE AUDIENCE
5. 10TH GREEN DRAINAGE AND RE-GRASSING AT BPC
6. COMMISSIONER COMMENTS
7. ADJOURNMENT

ALL MEETINGS ARE HELD IN THE BOARDROOM OF THE SCOTT R. TRIPHAHN COMMUNITY CENTER & ICE ARENA AT 1685 W. HIGGINS ROAD IN HOFFMAN ESTATES UNLESS OTHERWISE SPECIFIED.

WE INVITE THOSE WHO MAY NEED AN ACCOMMODATION DUE TO A DISABILITY TO CONTACT US 48 HOURS IN ADVANCE. PLEASE CONTACT JANE KACZMAREK, EXECUTIVE ASSISTANT, AT 847-885-7500.

Memorandum No. M15-107

TO: Buildings & Grounds Committee
FROM: Dean Bostrom, Executive Director
Brian Bechtold, Director of Golf
RE: 10th Green Drainage and Re-grassing
DATE: August 26, 2015

Background

The 10th green at Bridges of Poplar Creek Country Club has been an ongoing issue the last three golf seasons. The green has what is referred to as a black layer of soil about 2 ½ inches below the turf. This soil is not allowing water to penetrate through and holding an excessive amount of moisture. The moisture in the soil has brought on many funguses, but one that is not allowing grass to be grown on this green. Pythium Root Rot is a soil born fungus that eats at grass roots and can devastate large areas at one time. Over the past few years we have built up a chemical resistance and therefore we are left with a bare green with no turf over the diseased area.

Implications

Since the current green is not playable we need to move forward and provide a solution to minimize public reaction and minimize loss of future revenue. Working with a golf course architect and drainage companies, staff has developed a plan to implement the proper slit drainage for the 10th green. This drainage will tie into the new drainage that was completed during the pond renovation this past spring. Once the drainage is completed a drill and fill process will take place to penetrate the black layer with sand. The final step will be sodding the green using one inch thick sod cut 30 inches wide and installed with the one of a kind sidekick machine to avoid seams. This course of action will provide a long term solution to the 10th green.

Staff has received quotes for the construction of the 10th green which consist of slit drainage, drill and fill (sand), sodding and topdressing (sand). Below are quotes for each section.

Slit Drainage

- XGD Systems - \$9699 plus sand (using a 70-20-10 sand)
- Golf Preservations- \$8790 plus sand (using a 60-20-20 sand)

Drainage Sand

- Waupaca Sand & Solutions 70-20-10 sand \$45.87/ton and 60-20-20 sand \$67/ton
- Shoreline Sand 70-20-10 sand \$46.50/ton and 60-20-20 sand \$81/ton
- Redline Sand 70-20-10 sand \$51.00/ton and 60-20-20 sand \$72.95/ton

Dried Topdressing Sand

- Waupaca Sand & Solutions \$61.05/ton
- Shoreline Sand \$64.50/ton
- Redline Sand \$62.00/ton

Sodding

- Green Source, Inc. - \$11,375.00

There are only two companies that offer the slit drainage systems designed for golf course greens in the United States. Many companies offer regular drainage, but this system is designed specifically for golf course greens. We will save additional money using sand specifications 70-20-10 sand. We also feel the 70-20-10 sand is a better mixture for our green base. We then recommend using Waupaca Sand & Solutions for the drainage sand mixture and topdressing sand. The sod install technology is only offered by Green Source as they are the only company that offers thick cut (1-1 ½ inch) bent-grass grown on sand/soil base with the sidekick technology.

With the 10th green being not playable condition we have an accelerated timeline to minimize loss of revenue. We would like to start the project on Monday, September 14th and having a temporary green until the project is fully completed by Monday, September 28th based on weather conditions and providing that we are able to secure all three vendors after approval.

This project will be completed with the utilization of current capital funds. It also is a non-biddable project as we will be using three separate vendors with no one vendor over \$20k.

Recommendations

Staff is recommending the B&G Committee send Memorandum #15-107 Hole 10 Green Drainage and Re-Grassing to the board for approval of the project as follows:

Total projected budget:

XGD Systems	\$9,699.00
Waupaca Sand & Solutions	\$3,819.75
Green Source, Inc.	<u>\$11,375.00</u>
TOTAL	\$24,893.75