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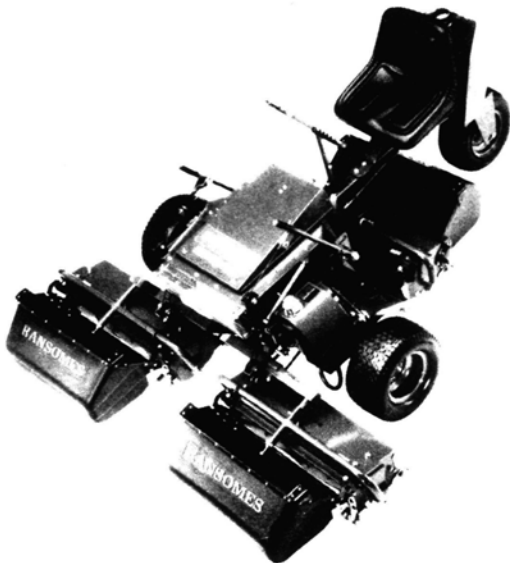
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(About Tomorrow Today cont'd.)

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I encourage you all to be environmental shoppers. Whether at your home or at your work place, any effort you make toward precycling or recycling will have a great impact on the world around you. By preventing excessive and unsound materials from getting into the waste stream, we begin to attack the land-fill crisis from the root of the problem. It is most important to remember that our environmental shopping will help curb the way that future products are bought and sold. I pray that they will be as "Environmentally-Friendly" as possible.

Thank you for your interest, see you next month!

"The Green Consumer Letter", Tilden Press, Inc., 1526 Connecticut Ave., N.W., Washington, DC 20036 (800) 955-GREEN.

Greg Fuchs, Marketing Account Rep., Turf Products Ltd.

## GCSAA to Sponsor Asian Golf Course Conference and Show

LAWRENCE, Kan., April 29, 1992 — The Golf Course Superintendents Association of America (GCSAA) announced today that it will sponsor the Pacific Rim Golf Course Conference and Show in Singapore on March 15-21, 1993.

Meeting the educational needs of Pacific Rim golf course management professionals and offering manufacturers and suppliers a cost-effective way to sell their products internationally is the force behind GCSAA's new event said GCSAA President William R. Roberts, CGCS.

"The booming golf market in this area of the world presents an excellent opportunity for GCSAA. It is our intention — as it has been with our domestic activities — to produce a first-class conference and show with the highest quality level of education possible, and to make the event professionally rewarding for all," he said.

The association already sponsors the largest annual trade show in the industry — the International Golf Course Conference and Show — scheduled for Jan. 23-30, 1993, in Anaheim, Calif.

The Pacific Rim event will be structured and operated identically to GCSAA's U.S. conference. A full program of educational sessions, seminars, a distributor program and trade show — all planned with multiple-language interpreting — will be offered to exhibitors and attendees.

International representatives from Toro, Jacobsen, Ransomes/Cushman, John Deere, Rain Bird, Robert Trent Jones II and Club Car have already committed to participate in the Pacific Rim event.

Exhibitor information will be mailed to industry representatives in July. Attendee information will be sent in August.

## Insects in Trees Responsible for "Sticky" Cars

by James A. Fizzell

Insects feeding in trees produce a sticky substance called Honeydew that drips on anything beneath the tree. Most people think their trees are dripping sap when it is really the bugs.

Aphids and scale insects both drip honeydew. The insect causing the most problems this season are aphids. These are pin-head sized insects feeding on leaves and new shoots of most shade trees; or on bark of willows, spruces or pine. They feed by sucking sap from the plants. But, because sap tends to be under pressure the insects get more than they can use and secrete the excess as a light, sugary syrup.

You may notice a lot of ants in trees with aphid infestations. The ants "farm" the aphids and collect honeydew upon which they feed.

Scales are sucking insects, too. The most conspicuous is cottony maple scale that appears like popcorn on twigs about the first day of summer as eggs are laid. Scales get their name from the waxy covering they produce as protection. Once they make scales they cannot be killed by insecticides.

Honeydew drips constantly from infected trees making everything beneath them very sticky. Shed skins of the insects drop as well sticking in the honeydew. If that and the stickiness isn't bad enough, a black, sooty mold often grows on the honeydew making a real mess.

Feeding of the insects may damage leaves or stems but is not likely to harm a large tree.

Scales and aphids are hosts of a large number of predators including lady bugs, lacewings, and parasitoids. If you see tiny black beetles with a red dot on each wing cover among scales, or brown spiny grubs among the aphids, you can be sure nature is at work eliminating the problem.

Where dripping is particularly objectionable over cars or patios, and no predators are present, the recommendation is either forcibly hosing down the tree to wash aphids off or spraying with malathion to kill aphids and young scales.


Be sure to read instructions on any chemicals before you buy or use them.

## Technical Editor

**Golf Course Management** magazine seeks a detail-minded technical editor to solicit, edit & write material for leading 4/c monthly publication & to manage book publishing program. Bachelor's in agronomy, horticulture, journalism or related discipline. Technical knowledge & experience required. Contacts in & understanding of golf course industry desirable. Send cover letter & resume to GCM Search, GCSAA, 1421 Research Park Dr., Lawrence, KS 66049.

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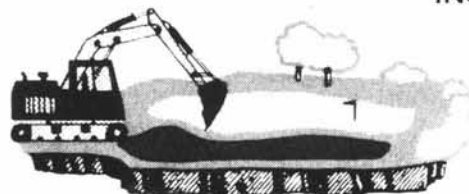
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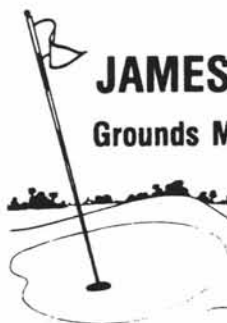
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# Combined Golf Day at Short Hills C.C. & Rock Island Arsenal G.C.

by John Meyer



## My Mechanic Has Quit

Have you ever had this nightmare, and woke up in a sweat only to find it was not true? This is, however, a reality many superintendents do face. Mechanics, recently referred to as technicians; retire, quit the field or move to another course. Some Superintendents have done their own mechanical work, expand their courses, and then can't find a full-time technician.

"Being a mechanic is not my forte" says Paul Voykin, Briarwood Country Club. "I'll be lost without my mechanic." Most superintendents are not strong mechanically.

"As an instructor of Golf Course Management at Kishwaukee College", says Larry Marty, "I've had several calls in the last three years from superintendents asking for help. Some are in a panic."

To fill this void, Kishwaukee College has developed a 2-year Horticulture Technology Degree Program to fine tune and direct a mechanical repair interest into a career. "Students take some horticulture as it relates to turf as well as mechanical repair courses such as hydraulics, diesels, electrical, etc. They will be well informed about the total golf course", says Carol Quenett, Associate Dean for Agriculture/Horticulture/Automotive.

"At Kishwaukee College we're finding students don't just flock into the program though", Marty says. "After all, being a Golf Course Technician is not a household word at high schools, trade schools or even community colleges".

Marty feels that people with training or an interest in Agricultural Technology, Automotive Technology, and Diesel Technology need to be recruited by all of us working with the Golf Course industry.

Butch Griswold, Power Equipment Technology Instructor at Kishwaukee College, challenges all superintendents to, "Look at the interests of your summer help and go visit your local high school horticulture or trade classes and discuss a career as a Golf Course Technician. Direct them to school for two years and we'll send them back to you so you can sleep nights knowing you have a competent technician on staff."



## GCSAA Announces Plan to Expand International Operations

LAWRENCE, Kan., April 29, 1992 — The Golf Course Superintendents Association of America (GCSAA) announced today that it will open a fully-staffed extension office in Singapore to manage membership activities and services in the Pacific Rim countries.

Services provided by GCSAA's Pacific operations will include education/training, certification, publications, conferences, trade shows and research — the same range of activities as in the United States.

The organization's Pacific operations will cover Japan, Guam, Taiwan, Hong Kong, China, Korea, The Philippines, Thailand, Malaysia, Singapore, Indonesia, Australia, New Zealand and India.

GCSAA President William R. Roberts, CGCS, said emerging governmental interest and concern over environmental and development issues are driving the need for long-term education and quality control throughout this region.

"No other single organization exists anywhere in this area with the resources to provide the services that GCSAA does. Our long-respected position throughout the world as a leader and standard-bearer for golf course superintendents will give us a competitive edge," he said.

GCSAA currently has a growing number of members in this area. Nearly 4,000 golf courses are in operation, with hundreds more under construction or planned.

"Because golf is booming in this area of the world, a window of opportunity exists for GCSAA to provide these services to ensure that the standards of world-class golf are being met," Roberts said.

GCSAA Pacific operations will be under direction from the headquarters here, working with coordinators from the various countries to ensure educational demands and specific language translation needs are met. The self-supporting operation will be funded with revenues from international membership dues, educational seminars and conferences.



*Here's a pair that will take your money every time  
Ed Braunsky & Albie Staudt*

## Big Men Come From Small Towns

by Dudley Smith

Joe Canale, 81, retired superintendent at Deer Park Golf Club in Oglesby, Illinois died Friday, May 8th while mowing his lawn. Joe is survived by his wife Minn and daughter Madeline. In recent years, Joe had faced major surgery for heart bypass and hip replacement; his therapy included jogging and playing golf.

When I was a boy, I caddied at a small nine hole private country club. The head honcho was a pro-greenskeeper. Joe Canale became such a person prior to World War II. His wife Minn supervised the club's kitchen and dining room. After the water lines were drained each Fall, Joe was employed for the winter at the local cement plant. In March, he and Minn would turn the key in the proshop and welcome the members for another golf season. A unique Mom and Pop operation.

It didn't matter if the monthly Midwest meeting was in Kishwaukee or Waukegan, Joe and his traveling companion Clarence Mitchell from Streator were always there. When old Mitch passed away, Joe hitched on with John Potthoff.

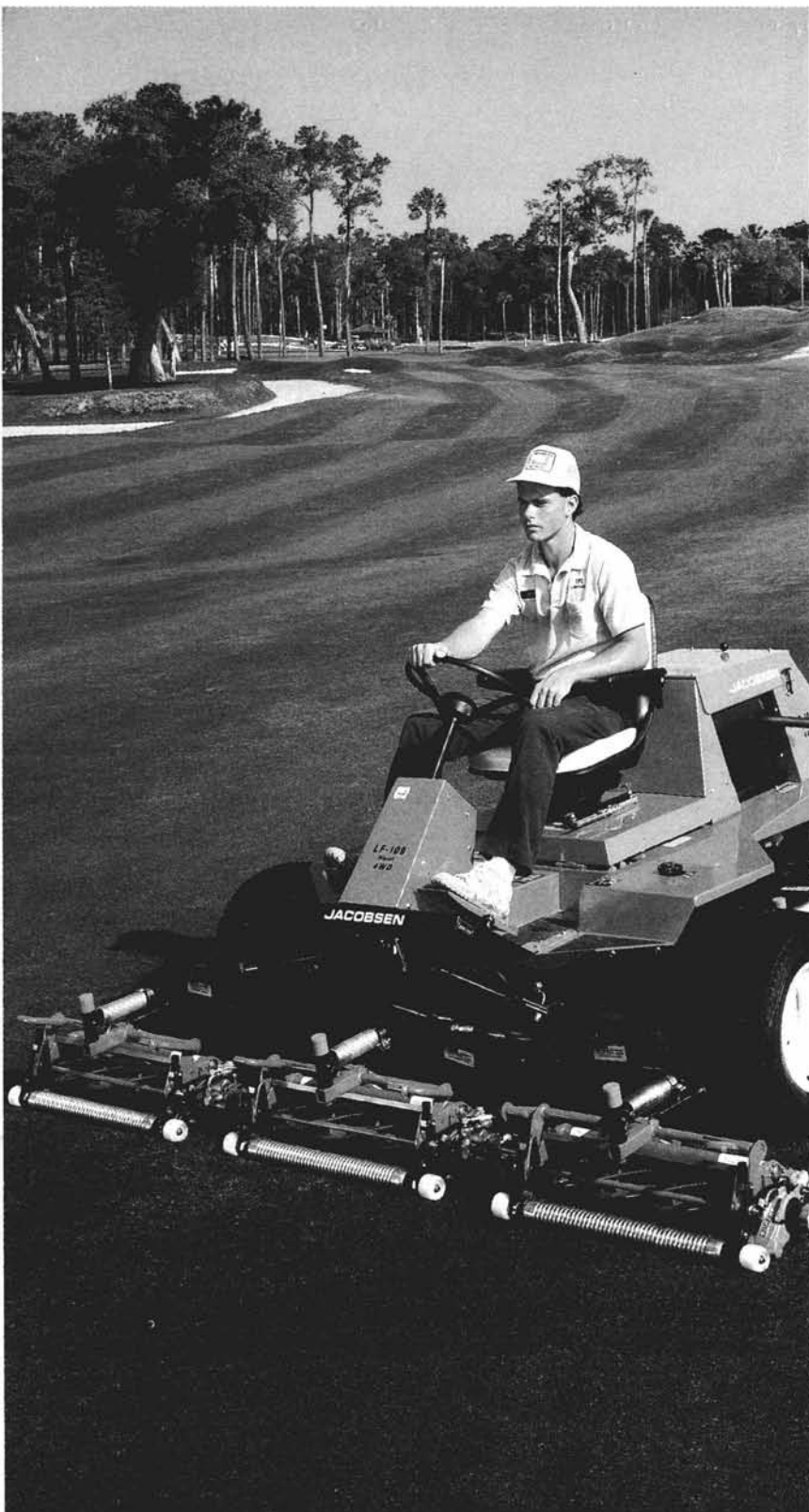
Joe didn't get to attend the National Turf Conferences, but he did look forward to the Purdue Conference each March. The old Fowler Hotel in Lafayette was his headquarters. And party? ... Harold Frederickson, Tom DiGuido and Tom Gilman will swear Joe Canale wrote the book "How To Have Fun".

One memorable vacation trip Joe and Minn made was to Italy. In their party were the Adolph Bertucci's, the Bill Saielli's, the Armond Scornavacco's, and the Arthur Clesen's. Adolph had an "in" and they got front row seats to meet the Pope.

Year's ago, the Ed Fischer's and Smith's would escape down to Starved Rock on a Sunday afternoon and stop to play golf as guests of the Canale's. One particular Sunday Joe was a ghostly white. Seems he closed the clubhouse after the Saturday night party to face an armed gunman in the parking lot.

Twice, Joe sent his hometown protege to be my assistant at Silver Lake. Bill Hargrave in 1959, fresh from University of Massachusetts Stockbridge. Bill is currently in North Carolina. Then Brian Comiskey from Danville College in 1978. Brian is superintendent at Pinecrest in Huntley. Both men were a great help. Thank you Joe.

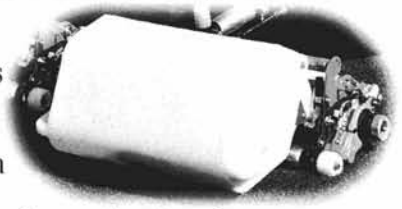
Well, little Joe, I know Emil Mashie, Dom Grotti, and Frank Dinelli are on the first tee up there waiting to get in your pocket, so hit them far and straight ... Thanks for the memories!



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## Midwest Breezes



## Upcoming Events — Mark Your Calendar

- June 22** — MAGCS monthly meeting, Flossmoor C.C.  
**June 29-July 5** — Western Open at Cog Hill  
**July 13** — MAGCS monthly meeting, Briar Ridge C.C.  
**August 5** — ILCA Field Day at Chicago Botanic Garden  
**August 10** — MAGCS monthly meeting, Mt. Prospect C.C.  
**August 17** — John Deere Tournament at Crystal Lake C.C.  
**September 21** — MAGCS monthly meeting, Big Foot C.C.  
**October 12** — MAGCS monthly meeting, Settlers Hill G.C.  
**November 18** — MAGCS Clinic, Medinah C.C.  
**November 30-Dec. 1 & 2** — NCTE at Pheasant Run Resort  
**January 23-30, 1993** — GCSAA Conference & Show, Anaheim, CA

### NECROLOGY

It is with a deep sense of loss that we announce the death of Oliver Miles, Superintendent of Golf for the Cook County Forest Preserve on May 6, 1992. Oliver worked for the Forest Preserve for twenty years and greatly increased the quality of golf at the various courses. His crowning achievement was the Forest Preserve National golf course. In April Oliver was bestowed the "Outstanding Employee Award" for 1992. The following is a message he wrote before he passed away for his family and friends:

#### To My Family and Friends:

I tried to make a difference in our world by treating everyone with respect and honesty.

I want to take this opportunity to thank you all for the outpouring of love, friendship and good will wishes.

It was a pleasure knowing all of you. I pray that the Great Spirit will bless you with good health and happiness in your lives.

All of My Love Today and Always,  
Your Husband, Father and Friend,  
Oliver

May 30, 1936 — May 6, 1992

Winnetka Park District has a Full-Time position opening with complete benefit package. Degree preferred, must be able to get pesticide license, no experience necessary, contact Henry Michna at 501-2056.

-----  
**Wanted** — Used Rainbird 808 TNT Sprinklers. If they're in the corner and collecting dust, sell them to me and I'll make grass green. Call Chuck Fogle at Urban Hills Country Club, (708) 747-0411.  
-----

A belated congratulations to Lorrie and Dan Dinelli on the birth of their first child, Carrie Nicole, born April 15th. This happens to be Joe's first grandchild.  
-----

There are going to be three new clubhouses in the north west area this year. All are public fee courses and from what I've seen so far they all are very nice. Already open is Poplar Creek G.C., Randall Oaks G.C. is partially open and Schaumburg G.C. will be opening soon.  
-----



Some of our local clubs have joined the Audubon Cooperative Sanctuary. I was on the St. Charles C.C. with Peter Leuzinger and we saw the following: 4 nesting pairs of Bluebirds (Pete has 17 bluebird boxes up around the course), Robins, Wood Thrush, Scarlet Tanager, Cowbirds, Sparrows, Crow, Mallard Ducks, Cardinal and a Flycatcher all within about 20 minutes. At the North Shore C.C. with Dan Dinelli we saw a flock of Cedar Waxwings, Baltimore Oriole, Purple Martins, Barn Swallows, a large Bull Frog, and an even larger large mouth bass over its spawning bed. Dan also has a den of foxes near his shop that have 3 young ones that come out to play. I'm sure at any one of your clubs these sightings could be repeated many times over. But it sure is nice to see all of this wildlife.  
-----

Education Report from Dave Blomquist: Dr. Clark Throssel will be the June speaker, July will be Seniors Day and we will have the Fuchs family as speakers, August will be a debate over 2-4-D with Jeff Nack and Marty Bauman.



# “Computer Safeguards”

by Eugene Young

The ease of use and affordability of microcomputers has resulted in widespread usage by individuals and small businesses. The golf course superintendent is no exception. Microcomputers are used to schedule maintenance, employees and irrigation as well as perform administrative functions. Although it won't replace the gang mower, the computer has become an important tool. In order to maximize the benefits of its use, an adequate level of operating knowledge is needed.

A very important aspect of operating a computer is one of the least discussed. Basic safeguards against common hazards are not usually a hot topic. However, without exercising basic safeguards, your computer and the data (hours of work) you are maintaining on the computer and diskettes are susceptible to damage and/or loss. Among the hazards to avoid are:

Static	Liquids
Magnetic fields	Dirt

All the information on your computer is kept in the form of magnetic fields. If you overwrite information with new information, the computer rearranges the magnetic fields. A discharge of static electricity can not only rearrange the magnetic fields into a non readable mess, it can also destroy the integrated circuits and other small physical components inside your computer. To avoid static charges, you can take several precautions:

Maintain an adequate humidity level in the room with the computer

Use non static rugs around the computer

Touch a grounding strip (available in computer stores) before touching the computer

Use an anti-static spray periodically

Any other magnetic fields that come within proximity of the computer can also affect the integrity of the data. These other fields can come from the telephone, a screwdriver, a paper clip or any other metallic object or a device using an electrical coil. The answer is to keep these items away from the computer and diskettes.

Liquids and electrical devices have never mixed with favorable results. Spilling coffee on the keyboard will cause the contacts underneath the keys to short or insulate the contacts, rendering your computer useless. Liquids should also be kept away from diskettes. While liquids won't affect the magnetic fields, the liquid could cause the diskette to become physically unreadable by the computer. If you are drinking liquids near your computer, keep the container on a table or desk other than the one with the computer and diskettes.

Dirt is another problem for computers. This can be in the form of soil, sand, dust, smoke and pollen. These miniscule particles can rest on the surface of the diskettes and affect the way the computer reads or writes the information. Keep the diskettes in covered storage boxes which can be obtained at computer stores or anywhere office supplies are bought. These are inexpensive and offer an easy way to organize your diskettes as well as protect them. Dirt particles can also enter the computer and monitor through the air vents. The vents are needed

(cont'd. page 19)



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to keep the internal parts from overheating, but allow dirt to enter and rest on the components. An accumulation could insulate the parts from the cooling air, cause them to overheat and damage or destroy them. When not in use, a cover should be placed over the computer and monitor. These are available for specific machines or a universal cover can be bought. Periodic internal cleaning by a trained computer service technician is also recommended.

One action which can help recover lost data is to perform periodic back ups. This can be done by keeping duplicate copies of data files or creating back up files on a designated set of diskettes. Back up files are created by special programs that are readily available. The back up diskettes are used to restore lost data. Frequent back ups will minimize the amount of data to be recreated when a loss occurs.

While today's microcomputers are not as sensitive as the large mainframe computers which require specific operating temperatures and humidity levels, common sense care does need to be taken. A few precautions against common workplace hazards can result in continuous, dependable performance from your computer.

If you have any questions or need more details regarding this or any other computer related topic, contact your computer consultant.

## 1992 MAGCS Golf Committee Monthly Meeting Schedule and Duties

The following is a list of meetings for 1992 and the duties of each committee member for each meeting. The duties are as follows:

**Event Chairman** — Coordinate all pre-event plans. Arrange for merchandise prize amounts, what type of prizes, and where purchased.

**Pre-event Co-Chairman** — Plan on being at the meeting site 1½-2 hours before tee time. You will have a copy of the tee assignments for all pre-registered players. Make sure all players handicap is recorded. Deal with any cancellations and sign up any player showing the day of the event. Make sure those players have a place to play but are not entered in the event. Give a final entry list to the pro shop before leaving to play.

**Post-Event Co-Chairman** — Work with the event chairman to do any scoring that needs to be done after the event to decide the prize winners. Assist with the distribution and record keeping of prizes at the conclusion of the event.

## 1992 Events and Committee Assignments

**June 22** — Flossmore C.C. — Event is a 2 Man Total team. Prizes will be low gross and low net. The team score will be determined by totaling both players handicap, and taking 80% of the total. This number will be subtracted from the total for a team net score.

Event Chairman — Kerry Blatteau

Pre-Event co-chairman — Paul Bastron

Post-event co-chairman — Mike Bavier

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# Mother Nature and the Polish Culvert

by Tony Rzadzki, Cantigny Golf Club

“Well made plans of mice and men.” Sometimes well made plans can turn into a ‘cheesie’ affair when Mother Nature throws her two cents in. That is exactly what happened to me this past winter.

Cantigny is beginning it’s fourth golf season and major changes have already begun in course redesign. Our nine hole course received the most attention this past winter with the addition of five new bunkers and two new championship tees. A new twelve foot wide cart path, with curbs, has replaced our old and abused eight foot path at our practice green and range facility. Two new novatees are also on the drawing board for this spring at our public range tee. And finally, the Polish culvert adjacent to our old sixteenth green.

The sixteenth green isn’t old and hasn’t changed at all, we just renamed each of our three nine hole courses to Woodside, Lakeside, and Hillside. We will rotate the courses and allow golfers to play according to assigned nines by the pro shop. This is called, ‘The wave’ system of allowing more use of a multi-course facility and allow us a chance to gain more revenue.

Because of the wave, we deemed it necessary to toughen our old nine hole course and make play there on par with the original championship eighteen hole course.

All of the above projects were started and presently are ‘near completion’. Near completion, because Mother Nature this past winter was passive again as she has been for the past few years. To ‘complete’ these projects heavy equipment is a must. Soft and near frozen turf can’t support loaders and trucks, so we had to nitpick and attack each project on the few frosty days that occurred or go out first thing in the morning and come in at a noon and hopefully not track up the course.

The new bunkers are playable but the drain lines haven’t been sodded yet (by the way, it’s raining again today April 16th). The new tees have most of the soil hauled in, but it hasn’t been graded yet. The new cart path has been installed, but the grade work behind the new curbing is half done. The novatee is still in the barn. And the Polish culvert, still looks today as it did when I took these pictures two months ago. We did get some soil over the east end of the tube, then it turned seventy degrees in early March and the frost went away for the season.

Why name this article ... “The Polish culvert?” This project, out of all of the projects I have attempted out here turned out to be the biggest fiasco that this big dumb Pollack ever attempted.

(cont’d. page 21)

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