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zoning commission has okayed construction of an 18-hole course . . . Four-million dollar recreation project in Cincinnati, O., includes marina, motel and Par 3 . . . Mayor of Chicopee, Mass., is pushing construction of new muni so that play can begin this fall . . . Stock sale of \$100,000, needed to start Sidney, O., muni, is near its goal.

Petitioners in Lamesa, Tex., want a \$90,000 bond election to finance muni . . . Feasibility study given the go-ahead by Hurley, Mich., golf association . . . Plans were recently announced in Tryon, S. C., for 18-hole course . . . Scotch Plains, N. J., will operate a muni nine at the old Shady Rest CC . . . Pee Wee Tee Par Three, Inc., is the name of a new 9-hole layout at Coleman Airfield, Fla. . . . Genesee, Durand-Eastmen and Churchville GCs have consolidated efforts to retain private status and present facilities on county property near Rochester, N. Y. . . . A \$1-million muni golf expansion bond issue was heavily defeated in a recent McKinney, Tex., election . . . Blackhawk CC near Galena, O., billed as the workingman's CC, is slated to open to the public on May 15.

Downey, Calif., has okayed plans for \$367,000 clubhouse to be built at the proposed Los Amigos GC . . . Winterwood GC in Las Vegas, Nev., began construction of 18 holes in mid-March . . . Crowley Ridge CC in Wayne, Ark., will construct new clubhouse this summer . . . Lake Arrowhead CC, a mile-in-the-sky above Los Angeles, Calif., has started construction of an unusual A-Frame, \$650,000 clubhouse to be completed by mid-summer.

Lake Shore CC, the newest private club in Atlanta, Ga., is moving toward completion . . . Eighteen holes should be ready for play before fall . . . Construction of muni 18 in Ontario, Idaho, is right on schedule . . . Recreation commissioners in Manaca, Calif., recognize citizens' desire for muni and are investigating possibility of 9-hole layout with swimming and tennis facilities . . . Ridgewood CC in Waco, Tex., is expanding its clubhouse at cost of \$750,000 to better serve the 700-plus member families.



Checking over plans for a six-hole addition to the Norfolk (Neb.) CC are, l to r: Floyd Farley, course architect; William Applegate, construction partner to Harold Glissman (pointing); Don Roman, club president; and George Bree, supt. Norfolk CC has long been a 12-hole course. Recent acquisition of 45 acres makes possible new six holes plus a clubhouse and pool. The new holes should be ready for play by July 1.

Groundbreaking ceremonies for new clubhouse at Green Valley G&CC in Fayetteville, N.C., were held in late Feb. . . . New clubhouse and course slated for Nolan River CC in Cleburne, Tex. . . . Newhall, Calif., Land and Farming Co. has begun construction of course and 100-room hotel . . . Initial plans to form a country club in the Manchester, Tenn., area are underway . . . MacArthur Airport in Bohemia, N.Y., is site for new county 18-hole course.

Major A. Riddie, president of the Dunes Hotel in Las Vegas, Nev., was in NYC in mid-March looking for a pro for his new resort course . . . Lakewood CC in Westlake, O., started spring with a new clubhouse . . . Nearby, in Mayfield, O., Lander Haven CC is adding nine holes to existing 18, and a nine-hole Par 3 . . . Ben W. Zink is the course designer . . . Conewango Forks GC in Randolph, N. Y., is adding second nine.

Landa Park in San Antonio, Tex., is scheduled to add a second nine to its muni . . . The Port Arthur, Tex., golf association is seeking to consolidate leases on two pieces of land on Pleasure Island and extend the combined lease for five years . . . Planned for the Pleasure Island tract is an 18-hole Par 3 . . . Bids for Glen Ellyn, Ill., general obligations bonds of \$1,500,000 for course and drainage reservoir development went as low as 3.124 per cent . . . Omaha, Neb., is set to light



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BH-64-14

new 9-hole course in Dodge Park . . . John Bruck has been named pro at the new Laughlin AFB course in Del Rio, Tex.

Muny nine is to be built at Kent, Wash. . . . Rusk, Tex. is nearing membership goal needed to start construction of a 9-hole course . . . Richmond, Calif. and Contra Costa County are considering joint development of a course in Oursan Valley . . . Costa Mesa, Calif. is considering an 18-hole muny . . . Sunnyvale, Calif. is awaiting decision of the U.S. General Services Administration concerning the price tag on government lands wanted for a muny 18 . . . Windham (N.Y.) CC okays plans to acquire land and expand to 18.

Lloyd Kelly is the new pro at River Road CC in Poolesville, Md. . . . Kelly had been pro at the Manor CC in Rockville, Md. for the past eight years . . . Walt Thiel has signed a 3-year contract as head pro at Moorestown (N.J.) Field Club . . . Ben Toski replaces Frank Dimasico as pro at the revamped Musconetocag G&CC in Hackettstown, N.J. . . . Navesink CC in Middletown, N.J. plans to open in June . . . Newest additions on the Executive Golf Association International's membership rolls are Richard Nixon, former vice-president and Otto Graham, football "great."

Long Grove (Ill.) CC has adopted a Civil War theme . . . Designed by Robert Bruce Harris the 18-hole layout includes five lakes, called Rebel, Sentinel, Yankee, Antietam and Gettysburg . . . Dues and initiation fees will, however, be paid in U.S. rather than Confederate currency, according to Roy C. Anderson, founder of the \$1,500,000 club . . . Nearby is the town of Wheeling which restricts business building architecture to quaint 19th century style.

Youth shows up at the \$65,000 Tournament of Champions at Desert Inn CC in Las Vegas . . . Of the 25 qualifiers as of late February, five will be making their initial appearance . . . Jack Rule, Jr., Bob Charles, Rex Baxter, Jr., Frank Beard and Juan "Chi Chi" Rodriguez, all youngsters, are the newcomers . . . Over the years, the Damon Runyon Memorial



Pro Doug Sanders (l) is seen with Captain Porter F. Bedell, commanding officer of the Pensacola Naval Air Station and president of the Pensacola Sports Association, and Miss Janice Blackwell at Pensacola's first annual sports banquet. The banquet was held in conjunction with the Naval Air Station's 50th Anniversary pro-am tournament.

Fund for Cancer Research has received more than \$400,000 from the Tournament of Champions.

Walter Greus, formerly assistant pro at Charles River, is the new pro at Ould Newbury . . . Geoffrey Cornish of Amherst, Mass., course architect has found four possible sites for course construction near Hamden, Conn. . . . Palisades Interstate Park near Newburgh, N.Y. hopes to begin construction of an 18-hole course this year.

Topeka Kan. is seeking 30 per cent of the anticipated cost of a new muny 18 from the federal Housing and Home Financing Agency . . . Construction started on new Potowamut GC clubhouse . . . It is located near West Warwick, R. I., and was designed by Donald J. Prout . . . Old clubhouse was destroyed by fire last fall . . . Mt. Pleasant (Mich.) CC is planning extensive modernization and improvement of its course, clubhouse and the construction of a swimming pool . . . Construction of a new Robert Trent Jones course, called the Mount Vernon G&CC, is to begin this summer near Atlanta, Ga. . . . Part of a new subdivision, the club is to incorporate \$1.5 million worth of facilities including 18-hole course, a large clubhouse, swimming pool and tennis courts.

(Continued on page 112)



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PEORIA, ILLINOIS

*Supts. and an agronomist look for causes,
cures at convention panel discussion*

Winter Damage Repair Should Be Made in April

The neglected phase of winter damage, springtime repair, was emphasized when a panel of turf experts appeared at a clinic for club officials and green chairman, held in conjunction with the GCSA convention in Philadelphia in February.

Repair of turf, which has been injured by the destructive effect of cold weather, was stressed at the clinic not only because it should be undertaken in April, but because the subject had never been previously discussed to any great extent. Studies and investigations of winter damage in the past have, for the most part, been concerned with causes and symptoms and preventive measures that can be taken in the fall to head it off.

Alex Radko, Northeastern director for the USGA green section, was moderator of the winter damage panel. Its speakers included Robert M. Williams, supt. of Bob O'Link GC, Highland Park, Ill., Sherwood Moore of Winged Foot in Mamaroneck, N.Y., and Marshall Farnham, retired Philadelphia area greenmaster.

A summary of the panel's conclusion along with findings that have been made

in the last three or four years relative to winter injury appear on the facing page.

As Radko told the club officials and green chairmen, and later delegates to the GCSA convention, opinions as to what actually causes winter damage aren't all in yet. Concentration of traffic from June through September, play beyond the end of October, the close mowing of turf from early spring through late fall, and even overmaintenance are suspected of being at least partly responsible for the deterioration of grasses that comes during the cold season. But since the full impact of winter damage isn't seen or felt until late January or even early spring, there is a very strong possibility that it is no more than a winter phenomena.

So, the question still remains whether the damage is cumulative or is the result of acute poor weather conditions.

The panel of supts. took the stand that since nobody is sure what causes winter damage, the so-called preventive measures taken in the fall may be far from fool-proof. They did not advocate, by any means, the throwing out of fall controls