The area redevelopment program, recently initiated by the Commerce department is designed to alleviate conditions of substantial unemployment in certain economically distressed areas and, among other things, encourage the creation of recreational tourists facilities.

Should a county, city or state or a local non profit corporation have such a project approved under this program, it would be eligible for loans up to 80 per cent of the cost for as long as 40 years and at an annual interest rate of 3% per cent. In some instances it might receive an outright grant for up to 50 per cent of the cost. The area redevelopment program usually operates on a county basis and any county in the U.S. with a continued 6 per cent unemployment record for its labor force may be eligible for assistance.

Commercial profit-motive organizations also are eligible for consideration for loans under this program. In this case loans could be made for up to 65 per cent of the total cost of the project — for as long as 25 years at 4 per cent interest. There are no limitations as to the size of the company, nor are there minimum or maximum dollar limitations on area re-

development loans.

SBA Offers Loans

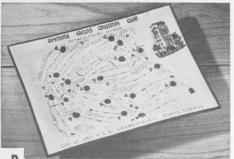
The Small Business administration continues to approve some loans for profitmotive privately owned public courses. The maximum loan is \$350,000 to any one borrower — usually repayable in monthly installments over a ten year period. The interest rate is usually 5½ per cent. SBA prefers that local financial institutions participate in loans whenever possible. Such loans are termed SBA participating loans and the interest charged will be the local going rate. SBA makes direct loans only when financing is not available on reasonable terms from other sources.

Water in the Pond

To determine the amount of water in a pond, Charles P. Merrick of the U. of Maryland suggests this method: Multiply the surface area by .4 and this result by one-half of the depth of the deepest part. Your answer will give you cubic feet. Then multiply by 7.5 to determine the gallonage.

> A date to remember . . . National Golf Day • May 25





PICTURE O U R

with Yardage, Fairways, Pars, Roughs and Greens ON CERAMIC-COLOR

Sells fast at Pro Shops . . . a favorite 19th Hole conversation piece with every golfer, Ideal for Club Promotions . . . a perfect tournament souvenir.



Shows every detail of your course as on scorecard, club napkin or table mat. Size: 7"x9"..., 5%" deep. Choice of colors. Serves as ash tray, card or pin tray, coaster, plaque, etc. Your cost: approx. \$1.25 each in 250 quantities. Write for FREE Illustrated Folder. For Complete Line of Golf Trophies Prizes, Gifts..., 40% Discount to Pros Write Deet GM for FREE Catalog

Prizes, Gifts . . . 40% Discount to Pr Write Dept. GM for FREE Catalog

EDWIN W. LANE CO.



100% FLAT OPENING CHARGE BOOK

For all Clubhouse, Pro Shops ... Golf, Tennis, Greens Fees, etc. 12 Books - \$55.00 6 Books - \$35.00 3 Books - \$26.50 1 Book - \$15.00 Postage Paid if Check or M.O. is included with order

Now you can have a personalized charge book that lies perfectly flat wherever you open it. Price includes your 3-line imprint in red on standard charge form and consecutive numbering (state starting number). Choice of 8 tickets 2-7/8" x 4-1/4" wide on a page (1000 per book) or 6 tickets 3-7/8" x 4-1/4" wide (750 per book). Duplicate yellow sheet for permanent record printed same as original, but not perforated, carbon paper included in envelope in back of each book. For extra red copy in body of ticket add \$6.00 per order. Sample pages on request.

Order Now for Immediate Delivery

NATIONAL OFFICE SUPPLY CO.

651 S. Utica Street . Waukegan, Illinois

Complaints Are Reduced When You Keep in Touch

BY RICHARD VIERGEVER Supt., The Olympic Club, San Francisco

The competent man probably should be quite philosophic about the headaches in his business, realizing that if it were not for them nearly any fellow of average ability could handle his job.

Frequently challenging the supt. is the puzzling problem of what is termed "communication" - the fancy word for getting an idea across so it is understood and received in the manner intended.

Communication with members often is such a difficult job for a supt. that he may feel he can communicate with the grass a whole lot more fluently than he can with human beings.

I had an experience at a club where the course was covered by a flooding river. An infinite quantity of weed seeds took root. It took three years to bring the crop under control as the use of chemicals was severely restricted in the area.

Some of the members thought it was my fault that the weed crop was so immense. It was difficult to communicate to the entire membership that weed control measures were being taken and it would be months before results would show.

Members Are Reasonable

In many areas where extreme weather conditions prevail for short periods — high winds, high humidity, excessive moisture, heat or cold — there may be severe damage to the course. When members are informed of the reasons for the damage and are told that the situation is temporary and is being handled, few if any complaints are heard. When the affected areas recover, the supt. gets due credit.

To communicate with members I have used regular reports to the green committee. These are relayed by the committee and through notices on club bulletin boards and articles in club publications. All methods are useful and tend to keep the membership well informed but such communications aren't 100 per cent effective. However, I haven't had a real headache due to lack of communication for several years. The committee and members ought to know what is going on about the operation of the course and

try to tell them as well as I can.

At Olympia we are fortunate in having a very large operation which calls for the employment of a general manager. All communications between committees, officers and individuals go through his office. This method works well at larger clubs where communication is a big problem.

Misinformation Hurts

Misinformation accounts for some of the headaches the supt. experiences. The persons usually accountable for this trouble are the few members who set themselves up as experts and tell everybody how everything should be run. Many times these people carry some influence but unfortunately are irresponsible. They are the people you hear saying that the PGA specifies the height of cut for all greens, tees and fairways and the USGA determines the specifications of courses, so all the supt. has to do is go along.

Palmer or Nicklaus Will Set Target Score

The target score for persons who take part in National Golf Day (May 25) will be established on May 28 when Gary Player, the 1962 PGA champion, and Jack Nicklaus, winner of last year's Open, meet in Dallas in the round of the champions. Their match wil be played at the Dallas AC CC, site of the 1963 PGA Championship.

Rules for taking part in National Golf Day are the same as in recent years. The player pays \$1 for each round submitted in the competition. There is no limit on the number of rounds that may be sub-

mitted.

Contestants will compete against the winner of the round of the champions on the basis of scores in relation-to-par rather than on a stroke-for-stroke basis, as once was the case. If either Player or Nicklaus wins their match with a 2-under, the Golf Day participant will have to shoot a 3-under (with handicap) to win. This makes it possible for entrants in the contest to play their rounds on Par 3 as well as standard courses. Men amateurs will play their handicaps; women will play their regular handicaps plus an additional seven strokes. Persons who beat the champion will receive medals from the PGA.

Funds from National Golf Day are divided among 17 organizations. These include caddie scholarship funds, blind and amputee associations and turf research.



Replenish Your Inventory with the NEW

McLAUGHLIN Driving Range Balls

With the following features:

- ★ Three compressions each one tailored for maximum durability.
- * The finest vulcanized cover.
- ★ The best lifetime white urethane paint, chemical bonded to form an integral part of the cover.
- ★ A finish coat of clear urethane to protect the stripe and brand.
- ★ Exceptional driving qualities.
- Many of our customers report increased patronage after putting these balls into play.
- Available also in solid yellow cover.

You can pay more but you can't buy better!

Write for full information, trade for cuts, or rebuilding your cuts.

HUGH J. McLAUGHLIN & SON, Inc.

Box 317, Crown Point, Indiana

GOOD NEWS FOR GOLF PROS AND HANDICAP COMMITTIES

NOW - golf handicaps can be computed electronically . . .

- IT'S FAST CONVENIENT
- ACCURATE ECONOMICAL
 - NO ARGUMENTS

for complete details contact:

MINIMAX COMPUTING CORPORATION

700 SOUTHLAND CENTER DALLAS / TEXAS

RIverside 7-2242 • FLeetwood 1-6878



FOR CADDY CARTS

The answer to a million golfers' demands! Light, compact, powerful! Attaches, detaches in seconds. Fingertip speed control. Sold complete with Battery, Charger, Tester. Easiest-to-sell golfcart power unit made. Up to 66% profit - pro shops only. Rental money-maker, too. Nationally advertised. FREE brochure on request.



GOLF-BURRO CO.

FOR PRO

Wellesley Makes Maximum Use of Its Acres

(Continued from page 30)

F. Create a new main golfing activities entrance so that the members could come directly to the pro shop and lockerrooms from the parking areas and not mix into any social gatherings.

G. Refurbishing of the old men's lockerroom into a new women's lockerroom with service and lounge facilities.

Financing of Program

Financing of the program was, of course, a major consideration and had to cover the following expenditures:

Land Cost — 49 acres	196	\$130,000
Golf Course Irrigation system Course construction Maintenance equip.	\$ 80,000 104,000 16,000	200,000
Clubhouse Addition Building addition and renovation Furnishings	180,000 30,000	210,000
Site Work Building site	\$ 5,000	

Tennis Courts 22,000 Caddy stockade with snack bar 10,000 Equipment shack 10,000 53,000

Fees

Parking

Golf, Clubhouse Architects

20,000

Total \$600,000

6,000-7,000

A three-fold program to provide funds for capital expenditures and to gradually amortize the indebtedness was instituted. It consisted of:

A. An increase in the membership base. B. Changes in types and financial re-

quirements of membership.

C. A membership assessment plan.

These are detailed in the tables that appear on page 32.

What Are Results?

What are the results of the expansion program? After six months' use of the new facilities it seems to be highly successful. No longer is there any divisive controversy within the membership on possible courses of action. The specter of costly, piecemeal additions has been removed for

many years to come. The membership is enthusiastic about the new course, clubhouse, tennis courts and other additions. The financial program that was necessary to provide for the expansion has been well received and supported. Golf pro, Jack Igoe, and tennis pro, Dick Lewis, feel that they now have the course, courts and buildings that enable them to serve the members effectively.

Encouraging Conclusion

The conclusion that can be drawn from the Wellesley CC venture and other clubs like it are encouraging. With a determined membership, and barring some most unusual circumstance, it is possible to remain in a congested suburb area of high land value. However, to do so generally requires realistic broadening of the membership base. Also needed is development, if it does not already exist, of a family type club, and refurbishing and adding to the existing layout with a critical appraisal of and multiple use of every square foot of available land. It is a challenging approach but the rewards in a fuller club life within minutes of the average club member's home is a powerful incentive.

New! New! New! TEACHING AIDS FROM THE FOUNDATION

Unit 1 — Welcome to Golf (15 minutes) \$65

Unit 2 — Building Your Swing (27 minutes) \$135

Unit 3 — Pitching, Pitch and Run (12 minutes) \$65

Unit 4 — Putting (10 minutes) \$65

Complete package — \$295

16mm. Sound Full color

Write for full details -

NATIONAL GOLF FOUNDATION

804 Merchandise Mart

Chicago 54

NOW...A SINGLE UNIT RAKE-O-VAC GROOMS TURF





MODELS SELF-PROPELLED AND PULL-BEHIND

There has never been a maintenance unit like this new RAKE-O-VAC. A single machine that does so much more than remove litter. RAKE-O-VAC'S LITTER PICK-UP REEL removes small debris, grooms and conditions turf. RAKE-O-VAC'S RENOVATOR REEL cuts thru matted grass and tough runners

to gently renovate. With a SWEEPER REEL RAKE-O-VAC sweeps and cleans parking area, streets, grass areas. Operates at a fraction of the cost of big specialized units. Side-mounted brushes are also available for cleaning close to fences, etc. Write today for literature and full details.

Write for Select Distributor Territories!

GOODWIN MANUFACTURING COMPANY

P.O. DRAWER 871 · MANTECA, CALIFORNIA

March, 1963

ATTENTION -Golf Club Officials. Owners, Managers, Superintendents **Golf Professionals**



GOLF SHOE VALET

GOIF SHOE VALET

. a aids you in keeping carpet and floor elean in elubhouse, pro shop and locker room. Cleans grass & mud from bottoms AND sole edges of shoes. Anodized aluminum frame with base brush of hard wood and heavy duty plastic bristles. Tampic duty plastic bristles. Tampic yelfow. I unit \$19.95; 3 or more \$17.95 ea. FOB Huntington Park, Calif.

ALUMINUM TEE MARKERS

. . . in USGA recommended colors — Red for front tees, Blue for back tees, White for middle tees, Aluminum for women's tees. Custom made to conform to your score card. 9 tom made to conform to your score care hole set, \$85.50; for 18 holes, \$165.50.





GOLF COURSE SIGNS

In Lifetime Aluminum

Strong — Easily Read

5" x 8" and 5" x 10" signs in embossed aluminum with enam-el finish. Special wordings available. In Black, Orange or Yellow letters on White back-ground. From \$3.25 to \$5.75. Stakes .75 each.

NOTE: Postage paid if check received with order.

GOLF COURSE SPECIALTIES

P. O. Box 388,

Huntington Park, California

STOP BALL MARKS ON GREENS

BA

GREE



DIVOT FIXER

Let's see what punishment the greens must take. 20,000 rounds of golf means 20,000 shots to each

If 10% hit the greens it would mean 2,000 holes

per green each year.
Repairing these holes an hour later or next day is useless. The damaged turf must be repaired at once to avoid a hole and

brown spot.

Make your own test. Just try to repair an old ball mark. Then a new one.

Our little Divot-fixer tool

can help you solve this problem.
Prices: for plain or imprinted

as shown— Des Moines, F.0.B. la.: 1000-\$65 500-\$35

250-\$20

Ten percent of order in small individual envelopes with printed directions. Extra envelopes one cent each.

Ten dollars extra for imprinting name of firm or small printing name or small printing

ling name of firm or club. Limit of 26 letters and spaces for upper; 29 for lower line.

WOODSIDE GOLF & PARK SUPPLY CO.

Des Moines 13, Iowa

Charles Fatum Wins GCSA Tournament with 151

Charles Fatum, Jr., Hampshire CC, Mamaroneck, N. Y., won the GCSA golf championship, played in Palm Springs, Calif. in conjunction with the national convention in San Diego. His total of 151 was two strokes under the score registered by Don Carlton of Scottsdale, Ariz.

A total of 357 persons, including 40 women, either played in the various flights or had a golf holiday at six Palm Springs clubs. Red carpet treatment was in order at Indian Wells, Bermuda Dunes, La Quinta, El Dorado, Canyon and Thunderbird, which offered their courses, fee free, to the greenmaster delegation. All were warmly praised by the tournament participants and others for the magnificent reception they gave the visitors. Another club, Riviera, generously permitted the use of its clubhouse for the Awards dinner.

Other Winners

Other tournament winners were: Pro-Supt., G. Scott, Jeffersonville GC, Norristown, Pa. (156); Chapter Team Championship, Michigan and Border Cities (Bob Preiskorn, George Prieskorn, Earl Prieskorn and the interloper, C. H. Wolfrom, Ir.; (Seniors, D. W. Adams, Topeka (aKns.) CC (161); Associate Members, W. Wade Richmond (Calif.) G & CC (155); Exhibitors, Dick Campbell, Thompson Mfg. Co., L. A. (145); Guests and Green Chairmen, Dick Lytle, San Diego CC (143); and Pro-Celebrity, J. Krueger, Redlands (Calif.) CC (146) and Dr. Frank (Bud) Taylor, Green River CC, Corona, Calif. (146).

Elvis Glaze, supt. at San Luis Obispo CC, scored a hole-in-one at La Quinta and was presented a golf car by Eddie Susella, the pro-manager there. Speculation, of course, immediately arose as to how Glaze was going to get it home.

George Lanphear, supt, at Thunderbird CC and a member of the Hi-Lo Desert GCSA chapter, was general chairman of the golf tournament.

Golf Fund Directors

Directors of the National Golf Fund are Thomas W. Crane, the PGA's executive director and counsel, Mrs. Owen A. West of Lake Forest, Ill., Curtis Person, Sr. Memphis, Tenn., and Herb Graffis, edi-tor of Golfdom. They were re-elected in February when the Fund members met to disburse proceeds of 1962 National Golf Day. Harold A. Moore of Chicago is president of the group.

ACTUAL SIZE

KS-YOUR GREENS CO

GCSA Convention

(Continued from page 114)

long time for them to clear through customs. Sulfate of ammonia is the most common fertilizer although the birds give a supt. a big lift by delivering plenty of guano for the greens.

Sixth Session

It's Supts' Day at the Meeting

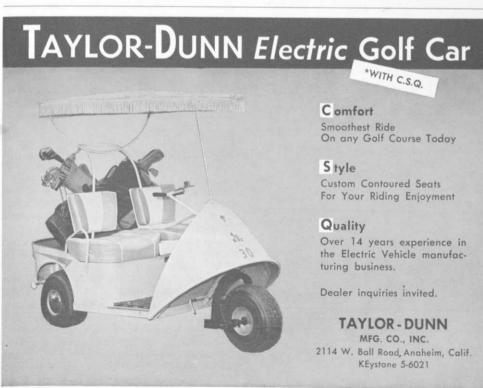
Fred V. Grau, consulting agronomist for Hercules Powder Co., handled the introductions at the sixth all-supts. session. His list of speakers included Joe B. Williams, Santa Ana (Calif.) CC; John L. Kolb of Minikhahda in Minneapolis; Clifford A. Wagoner of Del Rio G & CC, Modesto, Calif.; and Ted J. Rupel of Cherry Hills in Denver. Panelists for this gathering were Charles F. Shiley, North Hills, Milwaukee, Paul N. Voykin, Briarwood, Deerfield, Ill. and Robert V. Mitchell, Sunset CC, Sappington, Mo.

The first speaker on the "Course Man-

agement Aids" program, Joe Williams, may have been the busiest man at the GCSA conclave. He handled the stage props in the 750-seat convention hall, was a semi-official photographer, and as a member of the host Hi-Lo chapter, had a full week of shaking hands and greeting visitors. If the pressure took its toll of Joe it wasn't evident in his speech, one of the best of the conference.

Would Enlarge Training Plan

Williams encouraged supts. to break away completely from the still deeply entrenched and hidebound attitude that training an assistant may mean training a replacement for the greenmaster's job. "We have an obligation to ourselves and the club," said the Santa Ana turfman, "to have a No. 2 man on hand to take over in our absence. Sickness, emergencies and the need for taking occasional vacations are unavoidable. If nobody is capable of filling in for us when we're away, we'll find that we wish we had trained someone to backstop us. Looking at the situation from a larger viewpoint," Williams continued, "enough supts. are retiring each year to make us feel obligated to provide replacements for them from our own organization.



IMPORTANT TO MUNICIPAL DIRECTORS:

Announcing — A Complete-Package Program for Municipal Recreation Facilities

- ★ Includes 100% Private Financing.
- * Professional Feasibility Studies.
- * Revenue Projections Management Supervision.

GOLF COURSES . PARK FACILITIES . SWIMMING POOLS

For complete information (at no obligation to you) contact:

Telephone: 263-1589 75 East Wacker Drive **GOLF CLUB MANAGEMENT** Area Code 312 Chicago 1, Illinois

AS WIDE AS HE IS TALL!





The Mulch-Vac Sweeper removes and disposes of a 6-5" swath of leaves and grass in one swoop. The Molch-Vac is as ver-satile as a basketball player and cleans a swath as wide as he is tall. Use Mulch-Vac for Spring clean-up...Summer grass clippings ... and Fall leaf removal and disposal.

Mulch-Vac can play the pivot position on your clean-up team . . . and one man can operate it.

B-25 MULCH-VAC



GOOD ROADS MACHINERY CORPORATION MINERVA, OHIO

STALEY'S IRRIGATION PLANNING SERVICE

580 E. San Madele, Fresno 26, Calif. Phone: 209 BA 7-7511

Specializing in automatics. No product affiliation.

Classified Ads 181 Buyers' Service 191

The Santa Ana supt., who has been carrying on an assistant training program at his club for several years, outlined how it works. He hires young men who are attending college and majoring in agriculture or horticulture and gives them parttime and summertime work. This comes only after Williams has thoroughly checked their grades and interviewed them to determine, if they have the desired aptitude. While the students are in training, they not only are taught every phase of maintenance but records are kept on their progress. Joe also insists they learn to play golf so that they get a full understanding of the player's viewpoints. So far, five of the young men who have worked for Williams have graduated to greenmaster's jobs.

"Fundamentals of Equipment Handling" was the subject of the discussion by Jack Kolb, who also gave an excellent account of himself on the podium. His speech was broken down into two parts, one on the handling of equipment, and the second, calibration.

Must Understand Machinery

Under the subject of handling, Kolb said that the operation of each piece of machinery should be thoroughly understood as to both performance capabilities and limitations. Familiarity, too, with the cleaning and servicing of all course equipment is another requisite. It is only when these things are fully grasped, the Minikahda supt. said, that a person in charge of the maintenance department can train men to service and repair mowers, tractors, etc., and then determine if these things are being properly done.

Calibration, Kolb stated, calls for close adherence to manufacturers' specificiations as well as frequent testing. Tire pressures, for example, should be frequently checked to prevent damage to both turf and machinery. Calibration, such as between

a sprayer and boom, should quite often be tested out on the job to make sure the spray unit is delivering the prescribed amounts of fungicides, herbicides, etc. Spreaders, hand sprayers and accessory equipment also should be similarly checked. Kolb warned against taking mower settings for granted, saying that it isn't unusual to make three or four bench adjustments and end up with as many different results even though the same setting is desired in each instance.

Intelligent Interviewing

Cliff Wagoner, who has worked as a supt. in Northern Calif. since the end of World War II and is a member of the USGA green section committee, explained some of the techniques of hiring men and breaking them in. "There are two methods of hiring," Wagoner pointed out. "One is rather passive and doesn't give you much information about the applicant. Here, you put Yes or No answers into the fellow's mouth and never really get him to open up.

"You'll have a much more informative interview," Wagoner continued, "if you contrive questions that make the prospective employee do some of the leading. Let

him explain some of the answers he gives. If you say, 'Is your health good,' you know beforehand what the reply will be. But if you ask, 'How many days have you been off because of illness?' you'll probably zet a real insight into the applicant's health. It's all in the way you ask the questions."

Training starts, Wagoner said, by giving

Training starts, Wagoner said, by giving the employee a full briefing on what is expected of him. At the same time, be sure he knows everything the job offers in the way of promotion and salary prospects and is familiar with the fringe benefits. One of the first things a supt. should do is instruct the new employee in golf etiquet. It also doesn't hurt to explain the game to him if he doesn't know much about it. On the job, Wagoner stated, instruct by example, stress that there should be uniformity of maintenance on every hole and above all, impress the new man with the fact that he should always try to use good judgment.

How Not to Groom

Ted Rupel, the Colorado State U. alumnus who has been at Cherry Hills for nearly 10 years, discussed course grooming. Rupel approached his subject in a rather oblique way by citing things that should



America's Finest Golf Car!

KRO-KAR

Formerly-WORTHINGTON CHAMP

A new name in golf cars . . . but a tried and quality-proven product, with several new improvements for 1963.

Also a complete line of industrial electric cars, 4 passenger personnel carriers, 2 wheel golf car trailers.

We have several territories open for dealers, contact us for dealer agreement.

KRO-KAR INC.

55 MARKET S. W. - GRAND RAPIDS 2, MICH.



SPIKE RESISTANT PNEU-MAT RUNNERS



Save your Club House Floors

 Rugged, reversible Pneu-Mat Runners, woven of rubberimpregnated fabric, outwear rubber, provide comfortable walking for spiked shoes with complete floor protection. Improve club house appearance. Competitive in first cost-lowest in long-life cost.

Standard Widths 20"-24"-30" 36"-42"-48"

Write today for illustrated folder

SUPERIOR RUBBER MFG. CO., INC. 145 Woodland Ave. . Westwood, N. J.

be neglected if the supt. wants to win a

course rating of something near .000. "Don't pick up any debris," Ted advised, "but let the mowers chew it up and the wind carry it away - Skip the trimming - you injure the grass . . . Leave the rough and the area around the ponds and lake uncut so employees can step up the harvest of lost balls . . . Let the wind pile up the leaves - that will take care of composting.

"The really ironic thing," Rupel con-cluded, "is that at a few courses I've seen they seem to have anticipated the advice

I'm giving here.

The panel of experts for the sixth session included Charley Shiley, who has been at North Hills in Milwaukee for 11 years and in the turf business for 27; Paul Voykin, a suave young man who reads books such as Tarus Bulba in the raw Russian; and Bob Mitchell, one of the GC-SA's top golfers and who, after getting a degree in Business Administration, turned to the soil to make a living.

Camera Is A Useful Tool

Shiley stressed the value of using Koda-

slides in keeping permanent office records, and urged supts. to invest in cameras so that they can detail course conditions, construction, landscaping operations, etc. for reference and future study. A camera is a further aid, Shiley said, in making a record for insurance claims for any damage to the course, clubhouse, etc., that is caused by weather or vandalism. It also comes in handy for persuading committees and club officials that improvements or changes in the course are needed.

Reports Can Save Jobs

Ideas for the makeup periodic reports for club officials and members were outlined by Paul Voykin. These should include weather summaries, statistical information on the consumption of water and the use of fertilizers, any changes in maintenance procedures such as reduced or increased cutting heights, notices of new construction, etc. "When you can quote some impressive cost figures," Voykin emphasized, "be sure to get them into your report." The Deerfield, Ill. turfmaster also includes terse reminders to repair ball marks and divots, and makes requests such



TROUBLE FREE! RENTAL CART SERVICE

We furnish you all you need on rental share basis. No investment for you! We deliver and service carts regularly and keep them in good repair - FREE. Clubs not held responsible for damages, theft or breakage.

CADDY-ROLL RENTAL SERVICE

Three Rivers, Michigan