



Lake Oswego's New Municipal Course

Automatic Irrigation System

CITY golf courses owned by small municipalities are common. But few feature an automatic irrigation system for turf maintenance as does the new municipal course at the City of Lake Oswego, Oregon.

Work crews of the City handled all phases of construction. United Pipe & Supply Co., Inc. of Portland designed and sold the irrigation system. Total cost which included remodeling of an old 2-story farm equipment storage building as a pro shop and building of a new equipment and maintenance building amounted to only \$175,000 exclusive, of course, of land. Funds came from a continuing 2-mill tax levy established by city voters in 1949 for parks and recreation. The levy in the City of about 15,000 produces about \$180,000 annually.

Work on the course began in April, 1967. First play on the initial nine holes was on November 25. The back nine was construct-

ed during 1968 with play scheduled to begin this spring.

Course Self-Supporting

City Manager Deane Seeger believes that with opening of the full 18 holes, and based on '68 income from the first nine, that greens fees and driving range revenues will place the course on a self supporting basis by mid-summer of this year.

United Pipe & Supply representative, Roy Falk, said the system on the modern course consists of 3 to 5 sprinklers per green, with a 2-row system on fairways. During irrigation, one row is operated at a time, which the City water pressure will handle. Pressure varies from 70 up to 90 pounds.

Falk reports that United used Buckner #1371 sprinkler heads on fairways and #1330's on the greens. The course is solidly irrigated in front of the club house because of heavy use.

Approximate cost of the irrigation system equipment, less installation by City crews, on the 33-acre course was \$20,000. The course was designed with help of a local equipment representative consultant.

Wilber Freak, left, grounds superintendent at Lake Oswego course, and Roy Falk, United Pipe & Supply Co., Inc., Portland, Ore., discuss automatic system.

