

# Water, sewage facilities undergo construction

Major construction projects in three different areas are underway to expand and improve the existing university facilities water treatment, according to Assistant Director of Maintenance and Utilities William E. Holland, Jr.

Construction is in process on a new sewage line and treatment plant and for a gas turbine generator. Contracts will be let and construction expected to be started this month on a 24 inch water line to supplement the existing 18 inch line.

Holland said the new sewage line is being built along with a new sewage treatment plant since the present one is not sufficient for the university's needs.

The 15-inch sewage line will run from the College View Apartment area to a new booster plant which will replace two existing booster plants, Holland said.

The booster plant is necessary, Holland explained, due to a ridge which runs through the campus

from the Physical Plants offices, to the Academic Building, and through Duncan Dining Hall. After the waste is pumped over the ridge it will flow the remainder of the way by gravitational pull.

The present sewage plant supposedly has a capacity of treating 750,000 gallons of waste a day, but is treating 1,090,000 gallons a day. When the new plant is built, which will treat two million gallons of waste a day, the present one will no longer be operated, Holland said.

The sewage line and treatment plant is due to be completed in another year.

The new gas turbine generator will be placed on the north side of the building which houses the present generators and water chillers, and will have a capacity of 15,000 kilowatts.

The generator will be put in along with a 175,000 pound waste heat boiler and two 3,350 ton

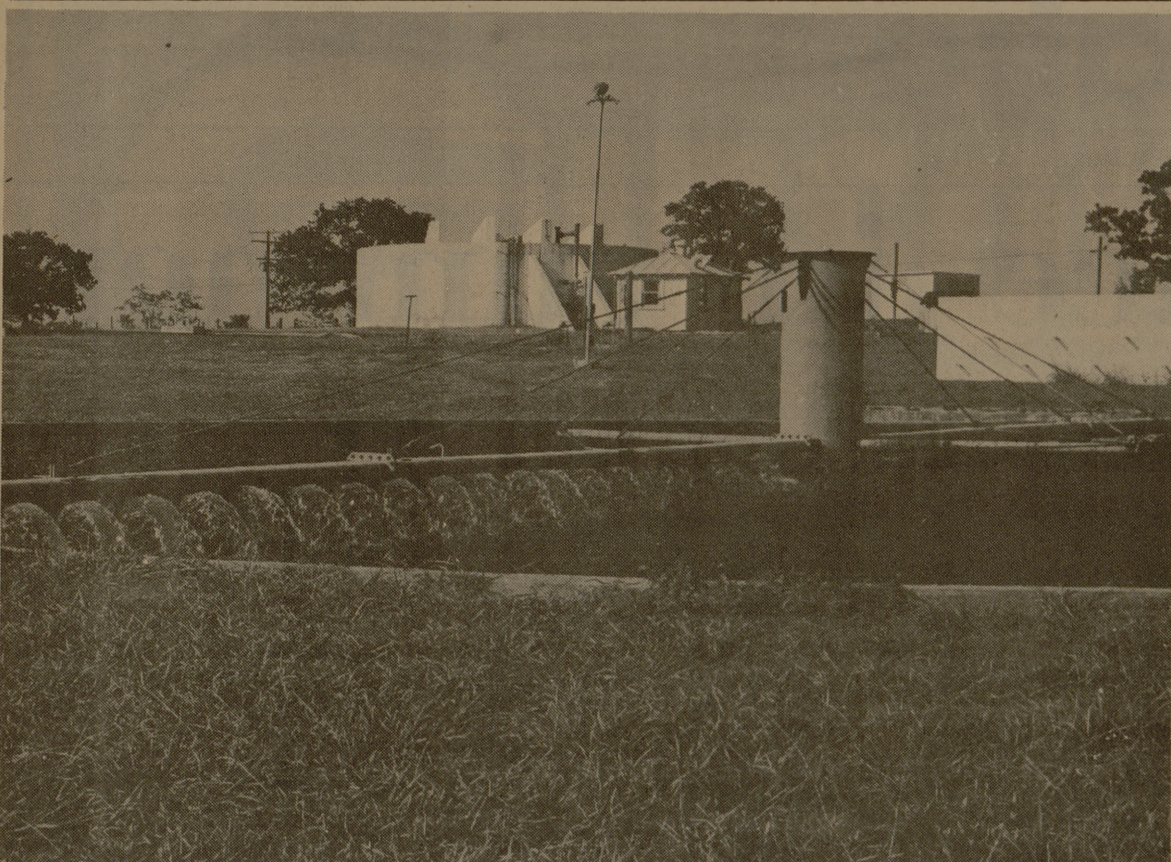
steam driven centrifugal chilling units.

The chilling units, which produce chilled water for buildings on campus, will add to the eight 1,000 ton chiller units. The chiller units and the generator will double the value of the plant to \$14 million and will nearly double the electrical capacity.

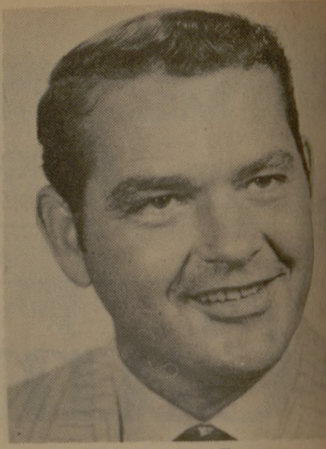
The new 24-inch water line will run from the Well Field Pump Station eight miles northwest of the campus and another two million gallon ground storage tank will be built just north of the campus at the end of Finfeather Road, Holland said.

The new water line and tank is needed since 5.25 million gallons of water is used a day while the capacity of the 18-inch line is 4.84 million gallons a day.

Holland said a two million-gallon elevated water tank will be put in eventually across the tracks and will replace the 150,000 gallon tank standing in the center of campus.



New sewage line and treatment plant—will replace this sewage treatment plant located near Easterwood Airfield. The new facilities will nearly double the present treatment capabilities.



Edwin H. Cooper

## Edwin Cooper named head of admissions

Edwin H. Cooper, former assistant to the university president, returned to the university administrative staff as director of admissions.

Academic Vice President Horace R. Byers announced Cooper will succeed Dr. Oscar Dorsey, who becomes dean of professional schools at Southwest Texas State in San Marcos.

"We are extremely fortunate to have a man of Mr. Cooper's background and experience join the staff," said Dean Lloyd Heaton of Admissions and Records in the Registrar's Office. "He will be most effective as chief admissions officer to help attract quality students to the university by telling the A&M story."

A 1953 Aggie graduate, Cooper totaled 13 years of service with the university before leaving last September to join an oil company as a partner in operations over this area. He had been director of civilian student activities after four years as assistant to the late President Earl Rudder.

Cooper graduated from San Marcos High School in 1949 and then earned distinguished student honors here. He was awarded a bachelor's degree in wildlife management and has completed most of the course work for a master's in the same field of study. He is signed as sales manager for an agricultural firm in Jacksonville to join President Rudder's staff. Previously, he was an assistant county agent and wildlife conservation specialist with the Texas Agricultural Extension Service.

## Vice President says 14,900 due during fall

Dr. Horace R. Byers, academic vice president, has told the Board of Directors to expect an enrollment of 14,900 in the fall term.

"This figure is precise — I wouldn't be surprised if we went below 14,000 or above 15,000," Byers said. He added that the figure would be approximately 900 higher than last year's enrollment.

Byers said he anticipates approximately 3,180 (or 21.4 per cent of total enrollment) graduate students and about 1,350 (9 per cent of total enrollment) women. He added that approximately half of the women will be graduate students.

"We anticipate the corps of cadets to maintain its present level," Byers added.

He emphasized that the University of Texas is already in trouble with the Coordinating Board, Texas Colleges and University System, because of its large enrollment. Byers pointed out that A&M is slightly above its projected enrollment.

"This is one thing we should worry about—as time goes on, we're going to have to level off," he said. Byers added enrollment will have to be held at 20,000 by 1980 in accordance with Coordinating Board's figures.

He added A&M is limiting enrollment by applying a double standard for undergraduate students—one for out-of-state students and one for resident students.

"However, in graduate school, the name of the game is to not discourage non-resident graduate students because this builds up a college's reputation on its ability to draw students from throughout the world," Byers said.

## Directors award contracts

Contracts total more than \$9.3 million

Contracts totaling \$9.3 million were awarded at the board of directors' most recent meeting.

The board also sold a \$5 million revenue bond issue to Halsey, Stuart & Co., Inc., and Associates of New York, low bidder, at an effective interest rate of 7.5030 percent.

Largest contract was a \$7,197,000 award to Houston-based Manhattan Construction Company of Texas to build a new low-density dormitory complex on campus. Revenue from the bond issue will help finance the project, designed to accommodate nearly 1,000 students.

Another large project included six contracts for improvement of water system facilities on campus. Contract winners were Panhandle Construction Co., Inc., Lubbock, \$562,220; R. B. Butler Inc., Bryan, \$388,838; R. B. Hodgson & Co., Inc., Dallas, \$285,466; Gorbett Bros., Inc., Fort Worth, \$41,669; Smith Pump Co., Waco, \$32,865; and Delta Machine Co., Inc., Houston, \$16,680.

Cal, Inc., Bryan, replacement of windows at P. L. Downs Natatorium.

Also \$17,826, Mabry, Inc., Bryan, fish tank temperature control system in Biological Sciences Building; \$17,450, Sentry Construction Co., Bryan, convert Dairy Breeding Center to Ruminant Nutrition Laboratory; and \$16,934, W. E. Kutzschbach Co., Bryan, outdoor lighting for veterinary medicine complex.

In other action, the board appropriated \$297,990 for projects here and Tarleton State College.

A \$122,000 appropriation was earmarked for hot water service to the southeast portion of the campus, where the new dormitory will be constructed.

The board allocated \$120,000 for detailed design of a new office and classroom building, \$25,000 for detailed design for a new educational television building and \$20,000 for landscaping in the central campus mall area. A \$7,000 appropriation was approved for detailed design for electrical service for the proposed Oceanography and Meteorology Building.

Tarleton State received a \$2,990 appropriation for continued Administration Building remodeling and \$1,000 for a program of requirements to utilize unfinished attic space in the Tarleton Student Center.

The Jarbet Co. of San Antonio was awarded a \$357,041 contract for construction of new parking facilities for the northeast section of the campus and pavement repair around the System Administration building.

Contracts totaling \$256,149 were awarded for two construction projects at Prairie View. Rowe and Mayfield, Inc. of Houston received a \$129,700 award to construct an eight-classroom building. Chappell Hill Construction Co. of Brenham won a \$126,449 contract to build a new fire station and campus security office.

Other contracts included \$84,261, Commercial Kitchens Division of Industrial Industries, Inc., Houston, portion of Kitchen and food-serving equipment for new dormitory; two awards totaling \$49,898 to J. A. Callaway, Bryan, construction of portable animal shelter complex; \$17,830, Mar-

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