

New East Campus main entrance nears completion

By Diane Carroll

Construction of a new main entrance to East Campus from Holdrege St. will begin this fall and should be completed by spring, UNL Business Manager Ray Coffey said Friday.

But the soonest the accompanying traffic light will be installed is "probably next fall," according to Tom Butcher, Lincoln transportation director.

UNL will pay for renovations on East Campus property, and the city will pay for the traffic light and street changes, Coffey said.

The new entrance will be 150 ft. west of the main entrance at 38th and Holdrege streets, Coffey said. When the new one is completed, the 38th St. entrance will be closed, he said.

UNL did not whimsically choose to move the entrance to a spot between 37th and 38th streets, he said.

Before the city would agree to install the traffic light, the Traffic Engineering Division insisted the entrance not be located at a four-way intersection, he said.

Larry Brage, city traffic engineer, said the city does not want to see 38th St. or other numbered streets between 33rd and 48th become arterials for traffic.

"The city did not want to draw traffic from East Cam-

pus down to the neighborhood to the south," he said.

Persons on East Campus and residents in the neighborhood have been clamoring for the traffic light for more than three years.

Ted Hartung, Dean of the College of Agriculture and chairman of the college's facilities committee, said the committee has been recommending to UNL's Central Planning Committee that a traffic light be installed for about five years.

"I am amazed that there haven't been more fender-benders and personal injuries on Holdrege St. than there have been," he said.

Vera Mae Lutz, chairman of the East Campus Neighborhood Community Organization, said she is disappointed that the light will not be installed until next fall.

Lutz said the organization has been fighting for the light for three years, but "we have been getting the run-around."

She said that during 1974-75 and 1975-76, the city budgeted funds for the light, but the university said it could not afford its portion of the project.

To overcome UNL's budgetary problem, the neighborhood organization went directly to the State Legislature last year. They requested and received \$25,000 for UNL

to construct the main entrance, Lutz said.

Now UNL has the money, but the city did not include funds for the light in this year's budget.

Butcher said there was no indication that the university would be able to afford the street project when the city's budget was drawn up.

The city and the university have been working together, Butcher said, but coordination is sometimes difficult because the two are on different fiscal calendars (Lincoln's fiscal year begins Sept. 1, UNL's begins July 1).

"We have just received the design plans (from UNL) which were prerequisite for us to begin," he said.

"Installing a traffic light can't take place overnight," he said. It takes time to design, bid and construct it."

Coffey said the light will remain green unless traffic is coming from East Campus or unless a pedestrian uses the pushbutton to cross the street.

Drill stuck in ice freezes progress on Ross shelf project in Antarctica

By Mary Jo Howe

The UNL Ross Ice Shelf Project (RISP), is stuck in the ice.

The drilling program through the shelf, a floating mass of ice in Antarctica, began in 1975. But an unexpected shift in the ice halted the project last year when the drill got caught about three-fourths of the way down, according to RISP director John Clough.

This is the second delay in the project since its conception in 1974, Clough said. The project has its management office at UNL.

The Ross Ice Shelf is a 1200 foot thick mass of ice about the size of Spain.

The project evolved from the interest of scientists who believe that a number of scientific problems could be solved if holes were drilled through the shelf to sample the ice and the bottom sediments, he said.

Clough said 70 scientists from the U.S., Norway, Australia, the Soviet Union, Denmark, and New Zealand, spend from early October until the end of January in Antarctica doing experiments on the shelf.

The first step in the examination of the Ross Ice Shelf involved a geophysical and glaciological program. Clough said the program measures ice and water thicknesses, snow accumulation, surface movement, and response of the shelf to tides.

But the project was postponed in 1974 by the lack of money and aircraft support, Clough said.

Work resumed in the 1976-77 season, and Clough said the geophysical and glaciological experiments are 90% complete.

But the drilling has not been successful, Clough said.

The ice is moving about three feet a day at the drilling site, Clough said, and closed in on the drill before there was time to remove it."

Clough said the scientists will go back in October with equipment to circulate hot water around the drill and melt it out. The remaining 250 feet of ice will probably be melted also, he said.

If the hot water is successful, the drilling and the geophysical programs should be completed this season, Clough said.

Before 1973, only sketchy data was available on the shelf, Clough said. Since then, the studies have discovered that the region is about one degree C. warmer than 20 years ago, Clough said.

Clough said the scientists discovered the coastline of the shelf is gradually moving back, an indication that the ice cap is shrinking. If the ice cap melts, sea levels would raise roughly 15 feet, he added.

Scientists are studying the possibility of using icebergs that break off the coastline as a water source for Saudi Arabia or Australia, he said.

The changes found during the studies are small, Clough said, but they are indicators of what may be happening to climate on a global scale. The results also give indications of what the geologic and climatic history of the region was, Clough said.

The project is funded by a \$1 million research grant from the U.S. Antarctic Research Program of the U.S. National Science Foundation awarded to former UNL Chancellor James Zumberge.

Zumberge is now the president of Southern Methodist University in Dallas, Texas but still follows the project with active interest, Clough said.

getting ahead

Getting ahead is a new regular feature of the *Daily Nebraskan*. It will highlight achievements and awards by/for students, faculty and staff.

Contributions for Getting Ahead should be submitted to the *Daily Nebraskan* office.

Two UNL College of Agriculture students have been awarded \$400 Ak-Sar-Ben scholarships.

Scott Clemens, 21, is a junior general agriculture major from Wallace. Larry McAfee is a 21-year-old sophomore from Allen.

A UNL cancer research project has been awarded a three-year grant for \$145,000 by the National Institutes for Health.

The project, directed by chemistry professor C.J. Michejda will study suspected cancer causing agents called nitromasimes.

Two College of Engineering and Technology students have been awarded \$1,000 Peter Kiewit Son's Educational Grants.

The recipients are Ellen Ramirez, a civil engineering major from Morrill and Anthony Sisneros, an electrical engineering major from Gothenburg.

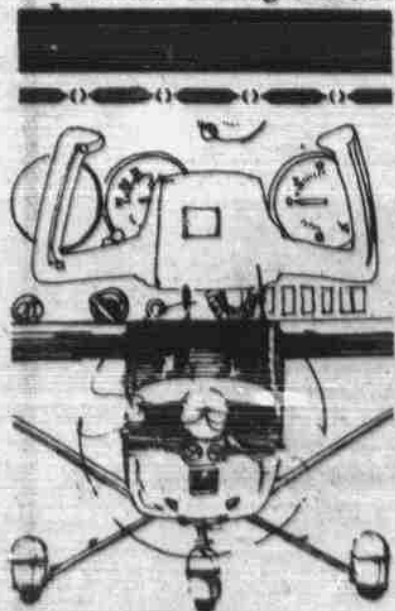
Sharon Balters, senior home economics major, is one of 61 qualifiers for the Golden Plate Scholarship.

The scholarship is sponsored by the International Food Service Manufacturing Association Educational Foundation.

Balters already has been awarded a \$600 scholarship by a Wichita restaurant chain.

Former UNL vice-chancellor for academic affairs Virginia Trotter has been named vice president for academic affairs at the University of Georgia, Athens.

She joined the UNL faculty in 1950 and was appointed vice-chancellor in 1972.



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