

Pilot tested in three states

TTI computer designs pavement

A computer program, researched by a pair of Texas A&M University engineering professors, helps design and manage asphalt pavements for the Texas Transportation Institute. Drs. R. L. Lytton and W. F. McFarland of TTI did work on the program that considers such cost elements as initial construction, routine maintenance, periodic rehabilitation, interest on investment, salvage value, and roadway user cost.

"The program has been pilot tested in three states and found to be workable where suitable computer facilities and personnel are available," said a Transportation Research Board report. The newly released report is entitled "Flexible Pavement Design and Management — Systems Approach Implementation" which describes an operational computer program that provides a basis for selecting

pavement design for the lowest predicted total cost over a period of time. An example of its use is making "the choice between light pavement with several overlays and thick heavy pavements with virtually zero rehabilitation," the report goes on. "Also, decisions can be updated. Several runs of the program at various stages of the design, construction and service of a road will allow users to judge the effects of fluctuat-

ing prices and interest rates, scarcity of materials, and revised maintenance and rehabilitation policy."

Several long-range physical and economic factors not normally considered in pavement design are included in the analysis. They include users' costs due to traffic delay around repair work, investment costs to the highway agency, and salvage values of materials.

Predicted total costs, as determined by the computer program, are most sensitive to changes in the following variables:

- ✓ Traffic delay costs when congestion occurs.
- ✓ Serviceability loss because of environmental factors such as swelling clay, frost heave, and various forms of cracking.
- ✓ Soil support offered by the subgrade.
- ✓ Material properties and unit costs of the surface and the base courses.
- ✓ Degree of reliability the designer requires of the performance of the pavement.

"This report will be of particular interest to administrators who must make policy decisions concerning use of the systems approach to pavement design and management; to pavement designers who will be involved in its implementation; and to materials, soils, maintenance, and traffic engineers who provide the input information for its operation," the report concluded.

Maine challenges Texas chickens

Lone Star egg producers are being challenged to prove that everything is bigger in Texas. The state of Maine has thrown the gauntlet squarely at the feet of Texas eggmen, as the Central Maine Egg Festival seeks to find the world's largest chicken egg. To be eligible, eggs must have been produced by the species *Gallus domesticus* (a

domestic chicken) on or after Aug. 1, 1975.

Any individual or egg association in the world may enter a chicken egg to be judged at the Central Maine Egg Festival on July 31, said Dr. William O. Cawley, poultry specialist for the Texas Agricultural Extension Service. The winning entry will be gold

plated and mounted on a base featuring a plaque denoting all pertinent information.

Eggs must be shipped uncooked, contents intact and prepaid at the entrant's risk to the World's Largest Egg, Room 334, Hitchner Hall, University of Maine, Orono, Maine 04473. Entries must arrive on or before July 29.

CS liquor hours extended

(Continued from Page 1.)

expenditures if the hours were extended because of the number of extra policemen needed.

Mauk added, "I don't think additional drinking at these hours is consistent with the ideals in an academic community."

In response to these arguments, Jerri Ward, a student government representative who is an ex-officio member of the council, said she disagreed that present services are adequate. She said most students do not get out to socialize until about 9 or 10 p.m.

Ward said she felt the additional revenue generated by the city from liquor taxes would offset any additional expenditures needed for more police duty.

Ward added that she didn't feel government should tell people how much and when they can drink.

A motion not to change the present laws was defeated with Councilmen Jim Dozier and Anne Hazen voting for, Councilmen Larry Ringer, Jim Gardner, and Gary Hal-

ter voting against and Councilman Lane Stephenson abstaining. Mayor Bravenev was not in attendance.

A motion by Gardner to change the hours to 2 a.m. Saturday and Sunday died for lack of a second.

The third motion to set the hours at 1 a.m. Saturday and Sunday passed with Gardner, Halter and Ringer voting for, Dozier and Hazen voting against and Stephenson abstaining.

City Clerk Florence Neely said yesterday that she has already received one application for confirmation. After confirmation by the city, an application must be submitted to the Texas Alcoholic Beverage Commission for approval.

College Station City Manager North Bardell said yesterday that he has not yet met with Police Chief Marvin Byrd to determine if additional police will be on duty through the one-hour period. He said he does not expect to add any more policemen for the period at this time since the students are on vacation.

Seminar planned Abstract art in MSC display

Estate planning seminars will be conducted by Texas A&M University's Development Office in Houston and Dallas this summer and locally in the fall.

Robert M. Rutledge III, Texas A&M's assistant development director, said the seminars will include detailed information about proper estate planning and management, as well as discussions of various aspects of Texas probate-law and federal-estate tax law.

The Houston seminar is scheduled June 28 and the Dallas session July 9.

Date for the Bryan-College Station session has not been determined, but Rutledge said the local session will not be held until after the start of the fall semester to insure the University's faculty and staff have the opportunity to attend.

While primarily intended for former students, faculty, staff and friends of the University, the sessions will be open to the general public, Rutledge said.

"During a time when we see inflation materially distorting the value of our estates and increasing the amount of federal estate and state inheritance taxes payable upon our deaths, each of us needs to be acutely aware of the importance of proper estate planning," Rutledge pointed out. "It is unlikely that a person will achieve his desires for the disposition of his estate without careful planning and management."

He said the latest statistics released by the Internal Revenue Service show a 31 per cent increase over a three-year period in the number of deaths that required filing of federal estate tax returns and a 38 per cent increase in the estate taxes levied. Such taxes totaled more than \$4 billion in 1972.

Abstract art in MSC display

Abstract paintings and sculpture by Joel Stephen Crain are on exhibition in the Gallery of the Texas A&M Memorial Student Center.

The Crain works will be on view through May 29.

The six canvases and six cast aluminum sculptures in the Crain collection were produced as symbols of the self. The artist says he is concerned with the process of individuation as developed by the Swiss psychologist Carl Jung. Individuation is an effort to achieve psychic maturation by consciously accepting impulses which come from the self. Such impulses may be found in dream symbolism.

Crain's paintings on display include a six-by-six foot acrylic canvas, "Earth Altar." His sculptures, also concerned with individuation, express the idea of the self in its infinite variety. Sculptures range from 12 to 16 inches in height.

A 28-year-old artist formerly of Lynn, Mass., Crain teaches drawings in Nacogdoches and is pursuing a master of fine arts degree at Stephen F. Austin University. He is a 1970 Lamar University graduate.

Crain's work has shown extensively in Texas and Louisiana. He had shows at the Contemporary Museum of Art and the Houston Assistance League Competition. Current work is shown at Lord's Gallery in Houston and the University Frame Shop in Bryan.

EAST 29TH ST. WAREHOUSE 3715 E. 29TH ST. WHAT'S A LOOFAN?

SIGHT Quiz
WHAT IS AMERICA'S MOST IMPORTANT INDUSTRY?
EYE PROTECTION IS MOST IMPORTANT IN INDUSTRY AND OUR MOST IMPORTANT SERVICE IS FITTING LIGHT-WEIGHT PLASTIC LENSES TO YOUR EYE. DOCTOR'S PRESCRIPTION LAB ON PREMISES. The answer is Farming.
The Optical Shoppe
H.W. Fulfs, Optician
Manor East Mall-Bryan 822-6267

Douglas Jewelry
212 N. MAIN 822-3119 DOWNTOWN BRYAN
KEEPSAKE DIAMONDS
PIERCED EARRINGS
STAR OF AFRICA DIAMONDS
SEIKO & BULOVA-ACCUTRON WATCHES
14 KT. GOLD BRACELET WATCHES
CROSS PEN & PENCIL SETS
SPEIDEL WATCH BANDS
DESK SETS

We'd like to take you for a ride



Hey, Mr. suave and sophisticated... try this on for size. It's the Raleigh Sports. Think bikes are for kids? Think again! This one's specially made for the guy who's a mover. Three speeds, safety-quick brakes, genuine leather saddle, touring bag... everything you need to travel in style. See your Raleigh dealer, he's got a set of wheels waiting for you. Come on along!

RALEIGH
CENTRAL CYCLE & SUPPLY
Sales Service Accessories
3505 E. 29th St. — 822-2228 — Closed Monday
Take East University to 29th St. (Tarrow Street)

Tower Dining Room
Top of the Tower
Texas A&M University
Pleasant Dining — Great View
SERVING LUNCHEON BUFFET
11:00 A.M. - 1:30 P.M.
Each day except Saturday
\$2.50 DAILY
\$3.00 SUNDAY
Serving soup & sandwich 11:00 A.M. - 1:30 P.M.
Monday - Friday \$1.50 plus drink
Available Evenings For Special University Banquets
Department of Food Service
Texas A&M University
"Quality First"

LEWIS & COKER

PLAY BINGO WIN UP TO \$1,000

ODDS CHART as of May 12, 1976

GAME	NUMBER OF PRIZES	ODDS FOR ONE GAME PRIZE	ODDS FOR 12 GAME PRIZES	ODDS FOR 25 GAME PRIZES
\$1,000	28	1 in 89,800	1 in 7,484	1 in 2,827
\$100	61	1 in 48,672	1 in 3,913	1 in 1,787
\$50	73	1 in 38,164	1 in 2,996	1 in 1,488
\$20	272	1 in 10,243	1 in 788	1 in 384
\$10	842	1 in 3,400	1 in 299	1 in 199
\$5	2,729	1 in 1,031	1 in 78	1 in 62
\$2	5,410	1 in 515	1 in 40	1 in 29
\$1	2,055	1 in 1,358	1 in 104	1 in 92
TOTAL	11,144	1 in 280	1 in 19	1 in 10

SPECIALS GOOD THRU MAY 26, 1976.

5-LB. BAG PILLSBURY FLOUR 38¢
LIMIT 1 W/\$5.00 PURCHASE OR MORE PLEASE

TOMATO SAUCE 8 8 OZ. CANS 1.00
CONTADINA LIMIT 8 PLEASE

SHORTENING 3 LB. CAN 1.19
3 RING BRAND

ADMIRATION COFFEE 1-LB. CAN 99¢
LIMIT 1 WITH PURCHASE OF \$5.00 OR MORE PLEASE

FALSTAFF or PABST BEER 6 PACK 12 OZ. CANS 1.09

COKE or DR. PEPPER PLUS DEPOSIT 4 QT. BTLs. 1.00

SLIVER LABEL BUDGET BEEF ROUND STEAK 1 LB. 1.19
BONE IN BUDGET BEEF

CROWN ROAST 69¢
SILVER LABEL BUDGET BEEF

SIRLOIN STEAK 1.09
SILVER LABEL BUDGET BEEF

GUNSBERG'S USDA CHOICE POINT CUT CORNED BEEF 99¢
BRISKET WITH SPICES

SLICED BACON 1.39
HICKORY SMOKED

SIRLOIN TIP ROAST 1.39
BONELESS USDA CHOICE

CALIFORNIA FIRST-OF-THE-SEASON FRESH PEACHES 59¢
LB.

LARGE TOMATOES 39¢
SLICING SIZE

PASCAL CELERY 39¢
CALIFORNIA CRISP STALK