

Better highways sought

Researchers at the University are working on a project which hopefully will lead to safer and more economical highways in the Commonwealth.

And with the help of the Pennsylvania Department of Transportation and the Federal Highway Administration, they have their own highway and bridge to experiment with.

A one-mile pavement durability track and a two-span bridge are being used by researchers at the Pennsylvania Transportation and Traffic Safety Center of the University to determine for PennDOT what materials are needed for safe, economical, and durable roadways and bridges.

The facility will be dedicated tomorrow with

PennDOT Secretary Jacob Kassab as the featured speaker.

The construction of the facility and the research is being funded by PennDOT and the Federal Highway Administration. The planning and design of the site, located one mile north of the University Park Airport, was provided by a grant to the Center from the Penn-

sylvania Engineering and Science Foundation. H.R. Ima of State College, was responsible for the construction.

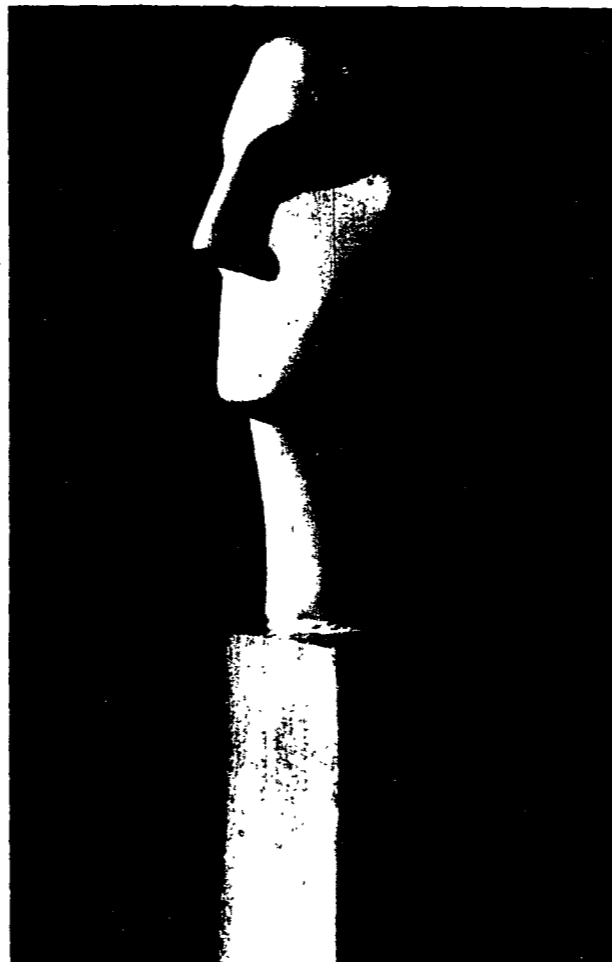
The oval-shaped highway to be used for the testing is made up of 17 pavement sections, each made of a different material or thickness to be individually evaluated.

A five-axle truck, circling the track 18 hours a day, seven days a week, will carry different loads to simulate real traffic flow. The oval includes a short and long curve where effects of acceleration and deceleration can be measured.

Instruments embedded in the highway, as well as various surface instruments currently in use by PennDOT, will measure stress, strain, deflection, slipperiness, and rideability.

A weather station has been installed at the site to evaluate the effects of changing weather on the road.

The results are expected to provide data which will lead to better designed pavements and to methods of predicting highway failure so that new time tables for resurfacing and reconstruction can be devised.



Chip off the old block

THE HEAD, done in marble, is among the pieces of sculpture by Mary Cady Rubenstein that will continue on display in the Commons Gallery of Kern Graduate Center through Oct. 15.

China observes anniversary day

SHANGHAI (AP) — China celebrated its 23rd National Day yesterday, prominently displaying the slogan, "We have friends all over the world."

Four years ago there was a ring of defiance to this claim, many countries were alarmed and dismayed by the violence of the Chinese Cultural Revolution. One of those reacting most strongly was Japan.

On Friday, Japan's Prime Minister Kakuei Tanaka established diplomatic relations with the People's Republic of China. West Germany will do the same soon.

The list of countries knocking at the gates of Peking's Forbidden City is growing.

The man chiefly responsible for this turnabout is Premier Chou En-lai, still vigorous at the age of 74, and one of the consummate politicians of this century. He has been premier since October 1949, when the People's Republic was established.

A child of the fading Chinese Mandarin class, Chou was born in a revolutionary age and grew up with it. Close and early association with the Com-

munist party chairman, Mao Tse-tung, combined with a shrewd ability to assess the twists and turns of politics has made Chou the second most important man in China, and without question its most active.

A tenacious negotiator, he believes in advancing Communism through the application of peaceful coexistence. He talks rather than fights. He can do so because his credentials as a fighter are impeccable.

Of all Chinese leaders, Chou comes closest to Mao's own middle-of-the-road party position.

Chou helped end the excesses of the Cultural Revolution once calm was restored. He opened a crack in the great wall surrounding China. Long suspended relations with other countries were restored.

In April 1971, a U.S. table tennis team and American newsmen opened the era of "ping pong diplomacy."

President Nixon followed with his visit to Peking in February and Tanaka unpacked his bags in the guest house seven months later.

For the National Day celebration yesterday, there were dances, songs, and music in the people's parks and squares all over the country.

Shanghai, the great port city of 10 million that Tanaka left Saturday for Tokyo, burst into a city of light and excitement on the eve of the October first anniversary.

Electric lights decorated both the tall buildings constructed decades ago by the foreigners who made the city their commercial center and the newer structures put up by the Communists.

Hundreds of thousands of people thronged the streets, walking under arches of lights over Nanking and Huai Hai roads.

important notice!

Sera-Tec Biologicals is happy to announce the opening of our plasma donor center at 120 S. Allen St. (Rear Entrance of Rite Aid Discount Center), State College, Pa.

We are now accepting individuals to participate in a medically safe procedure of plasma donation to help make available critically needed therapeutic products derived from plasma.

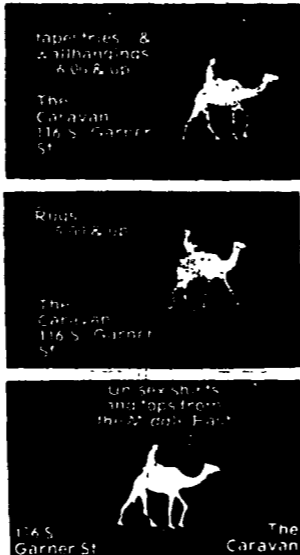
All participants are financially compensated and can earn \$40.00 per month for their contribution.

Please call now for details of how you can become a plasma donor ... Call: 237-5761 ... Hours 9 a.m.-5 p.m.

Sera-Tec Biologicals

120 S. Allen St.

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Fonda set for Harrisburg

PHILADELPHIA (AP) — Actress and antiwar activist Jane Fonda continued her nationwide campaign for peace in Pennsylvania yesterday.

The 34-year-old Academy Award winner was scheduled to be in Harrisburg this morning, after an appearance at a York high school Sunday night.

The decision to allow Fonda to speak at the Hannah-Penn High School in York was protested by three of the school board's 13 members.

The board held an emergency meeting Saturday morning and announced that the actress would be permitted in the school. A local peace group, the York Action for Peace Committee, volunteered to pay for special police to cover the gathering.

In Philadelphia over the weekend, Fonda appeared before working class people in the

city's Kensington section. Commenting later on newspaper reports of hecklers in the crowd, the actress said, "Not everyone agreed with what I said, but I didn't expect everyone to agree."

In an interview Saturday with staff members of the Philadelphia Evening Bulletin, Fonda voiced her opinions of the peace movement and on U.S. involvement in Vietnam.

"The only problem in America is lies. We're confused. We're not told."

"We're at a turning point in our history. We can go back to the McCarthy era — Nixon was vice president then — or we can turn to the future," she said.

"I would not vote for Nixon in any way. No way. Not in any way. I think it's the most corrupt administration since Warren Harding."

THE RUSSIANS ARE COMING!!



RUSSIAN DANCE AT REC HALL!

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THE SENSATIONAL

BERYOZKA DANCE COMPANY

Direct from the
Soviet Union / 100 Dancers, Singers, Musicians

Vitality, discipline, rhythmic color, stunning costumes, inventive choreography, impeccable dancing. This is the Beryozka Dance Company. Performing not simply folk dances, but choreographic stories, the performers leap and whirl around the floor

with a spontaneity of performance and a technical perfection that has not been seen in the United States since the Moiseyev. YOU HAVE NEVER SEEN A SHOW LIKE THIS BEFORE!



1 PERFORMANCE ONLY! Fri., Oct. 6, 8:30 p.m., REC HALL

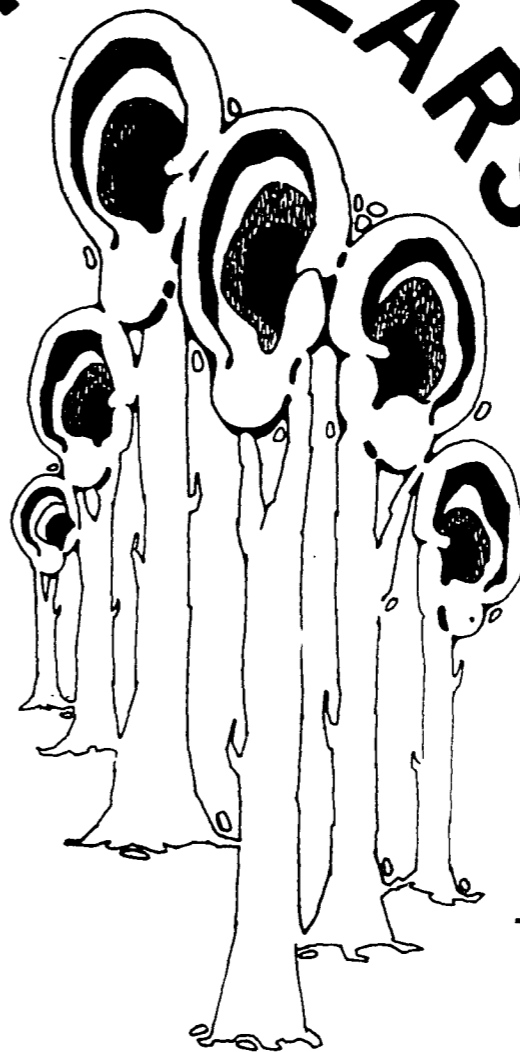
TICKETS UPSTAIRS AT HUB TABLE:

STUDENT AND CHILDREN TICKETS: \$1.50 - Tues., Oct. 3, 9 a.m. - 4 p.m.

GENERAL SALE TICKETS: \$2.50 - Wed., Oct. 4, 9 a.m. - 4 p.m.

THE ARTISTS SERIES

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The Artists Series

SEASON TICKETS still AVAILABLE for REC HALL SERIES

Beryozka Dance Company from Russia, Oct. 6
Hungarian State Symphony orchestra, Nov. 18
Van Cliburn, pianist, Jan. 21
Pennsylvania Ballet Company, Apr. 7
Pittsburgh Symphony Orchestra, May 12

Student and Children Season Subscriptions: \$5.00; Non-student subscriptions: \$10.00. Subscriptions now at Artists Series ticket booths at the HUB.

ATTENTION SEASON SUBSCRIBERS

Season Subscribers are given the opportunity to buy tickets to "THE ROYAL LIPIZZAN STALLIONS" at reduced prices from Monday, Sept. 25, through Friday, Oct. 6 from 9 a.m. - 4 p.m. in the HUB Booth near the Lion's Den. Each Season Subscriber may buy two tickets for each Season Subscription purchased. Advance sale prices to Season Subscribers are:

Students and Children: \$2.50
Non-students: \$3.50

Season Subscribers MUST present their Season Booklet for identification and purchase their "LIPIZZAN" tickets during this allotted time period in order to take advantage of this Special Offer.

IMPORTANT! THIS PRIVILEGE EXPIRES ON FRIDAY, OCT. 6.

