

New Federal Highway Program Will Dwarf Anything Ever Attempted in United States

Editor's Note: This is the first of three dispatches on the massive federal highway building program.

By ROBERT E. JACKSON

New York—AP—The United States is on the threshold of a peacetime project which dwarfs anything this adventurous nation of ours has ever attempted. It will cost 25 times what it did to make the A-bomb. It will shed into our economy five times the amount spent on public works by President Franklin D. Roosevelt from the depression into his fourth term. It will employ a million men and women and affect the social, economic and recreation habits of most of us.

It literally will change the face of the nation. It might mean the difference between survival and death in time of war.

It is going to take at least 13 years and will cost at least \$51 billion. It is a national super highway program of such magnitude that most Americans do not realize what is in store for tomorrow—they will drive from New York to San Francisco without hitting a red light.

40,000 Miles Charted
This "national system of interstate and defense highways," which will loop and furl the map of America like the ribbons on a Christmas package, is no

dream on a drawing board. Surveyors and bulldozers and an army of men with shovels already are at work. Forty thousands of the 41,000 miles on the network which will criss-cross all 48 states already have been

Students Seek Ouster Of Administrator

Cincinnati, Ohio—(U.P.)—Some 300 music students and instructors at the Cincinnati College Conservatory of Music threatened to strike if the administrator is not gone by Friday.

The students and faculty members approved a resolution Monday demanding either the resignation or ouster by the board of trustees of school administrator Fred Smith.

The resolution, approved at an assembly sponsored by the student senate, said in part that "under no circumstance is he [Smith] acceptable to us in any capacity whatsoever." It was presented to the trustees.

Complaints against Smith included the hiring of Smith's wife as accompanist on the faculty and of the organizing with mandatory membership and Smith's daughter as concertmaster.

charted. The increased taxes on gasoline and tires to pay for the super-roads of the future already are biting your pocket-book.

Congress authorized \$27.5 billion for the project this year with only one dissenting vote, 90 per cent to come from the federal government, 10 per cent from the states. Commerce Department spokesmen estimate, however, that the eventual expenditures on this network and improvements on 750,000 miles of primary and secondary roads will cost \$51 billion, \$38 billion of it from Washington.

President Eisenhower approved the bill last June 29. In August the most colossal construction project in our history began between Fourth and O'Fallon streets in St. Louis on the Mark Twain Expressway.

Free of Charge
Safety officials predict these roads of tomorrow will save the lives of 3,500 persons a year who otherwise would die in car accidents.

The system will carry 20 per cent of the nation's traffic. It will link 42 of the 48 state capitals, 209 cities over 50,000 population, 88 per cent of U. S. industry.

For the first time this free-wheeling nation which operates

65 million vehicles — three fourths of the world's cars, half of its trucks—will have uniform national standards for its outmoded highways.

Your journey will be like this: Free of charge, coast-to-coast. Taxis, buses and trucks—yes. But no billboards, roadside

Examinations Offered For Several Positions

The civil service commission has announced examinations are being offered for several government positions.

The positions include resident in the federal hospital administration, printer proofreaders, student trainee in forestry, industrial hygienist, dietetic intern, social worker in child welfare, warehouseman helper, administrative assistant, soil conservationist, soil scientist, agricultural or civil engineer, management analyst and budget examiner.

The civil service has also announced examinations for substitute clerk and substitute carrier for filling positions in the Medford post office service.

Further information and application forms can be obtained from Chester M. Silliman, at the Medford post office.

stands, service stations, bicycles, or pedestrians. You will turn off to connecting highways for gas or food or to spend the night.

You will travel 50 miles an hour past downtown business districts, up to 70 miles an hour on the open road. There will be no traffic lights, no railroad crossings, few intersections.

Except in rugged terrain out west, the slightest bend in the road will be banked, the most gentle grade leveled. All lanes will be at least 12 feet, shoulders 10 feet and the islands dividing opposing lanes 16 feet wide. Markers and signs may be uniform across the nation.

Speed-Changing Lanes
This could become so easy that you might fall asleep, literally, bored to death.

Swamps, brush fences, outcrops of rock — even trout streams stocked with fish—will be left at safe distances in the dividing islands to relieve monotony and provide scenery.

Opposite lanes will be set at different levels and from 16 to 1,000 feet apart to prevent "driver hypnosis" and cut the glare of on-coming headlights at night.

Four-fifths of this network will be covered by four or more lanes. The two-lane system survives only on 7,000 miles in the West where traffic will still be light in 1975.

You will enter and leave the network in many places on special speed-changing lanes. The federal government will contribute to bypasses and local expressways for more than 100 cities but it will strictly limit

the number of entry points. You can't get aboard from any old side road. But once you are aboard, the drive to work will be faster, vacation trips will be vacations, and such roads as these, you have twice as good a chance of getting there.

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WEeping ON SHOULDER of countryman, Hungarian gymnast Alice Kertesz announces she has decided to remain in Australia rather than return to revolt-torn homeland. Decision was announced as first contingent of Hungarian team left Melbourne for Europe. (International)

A Nichol's Worth of Comment On This and That

By HARMAN W. NICHOLS

United Press Feature Writer

Washington—(U.P.)—What's new in Washington: Jack Rowzie, a local disc jockey, got a call from a

frantic mother the other night. She said her nine-year-old cherub had rented a horse early in the morning and was still missing. The call went out over the air. The cops found the girl.

Ordinary Salt Produced in N. Dakota

Bismarck, N. D.—(U.P.)—Ordinary salt, known to the chemist as sodium chloride and to the housewife as an essential ingredient in food, is now being produced in North Dakota.

Salt beds underlie hundreds of square miles of western North Dakota between 6,000 and 8,500 feet below the surface. Alex C. Barry, research director of the North Dakota Research Foundation, said.

Preliminary estimates place the state's salt reserves in the billions of tons. The salt comes to the surface in the water pumped with oil in the Williston Basin oil fields.

When facilities are not available for recovering the salt, the salt water is returned to the ground to prevent contamination of soil and surface water sources, Barry said.

He said the present North Dakota market for salt is about 32,000,000 pounds a year with about 1,250,000 pounds going into North Dakota brine production each year.

If all the salt in the water were recovered, it would more than supply the state's needs, he added.

Man Having Fun in Boat Gets Surprise

Madison, Wis.—(U.P.)—Wisconsin's conservation department reported that a man having some "fun" in his boat powered by two 30-horsepower motors got a surprise.

The boatman made several passes at another boat in Dodge county's Fox Lake one midnight, shining his spotlight on the other craft.

"So you don't like it," shouted the fast-boater when he saw two men in his spotlight beam, "so I'll give it to you a little closer."

The boat driver wound up paying a \$50 fine for reckless operation of a motor boat and \$10 for lacking a stern light.

The men in the other boat were Conservation Warden Ken Beghin and a deputy sheriff.

loping along Rock Creek Park with a hitch-hiking six-year-old boy—also lost—sitting on the rump of the nag.

The national housing convention coming up in Chicago has its problems.

Plans were to plant a house in "the Loop" of the windy city. But that proved impossible, lack of space being what it is.

So the press agents of the National Association of Home Builders thought up the idea of floating a model home aboard a barge—right off Chicago's main drag. And P. A.'s now are worried about visitors cracking wise about "water in the basement."

"Fisherman," the fan magazine, allows that politicians with an eye on the big white house on Pennsylvania ave. ought to go in for angling. Time was when 14 chief executives in a row liked to dip a line.

George Washington, incidentally, was a member of the first sports fishing club in North America. History says that our first leader was pretty fancy at pulling in the big fish.

A spanking new 1957 automobile circles on a turn table—24 hours a day—for all to see at Washington's Union Station. Beside it is a pretty rubber model, which, electronically, turns and waves a hand toward the latest in motoring.

Vandals somehow managed to pilfer one of the car's tail-lights—red glass, reflector and bulb. Guards are watching the dummy lady, which may be the next accessory to go.

Miniature Machine Duplicates Heart

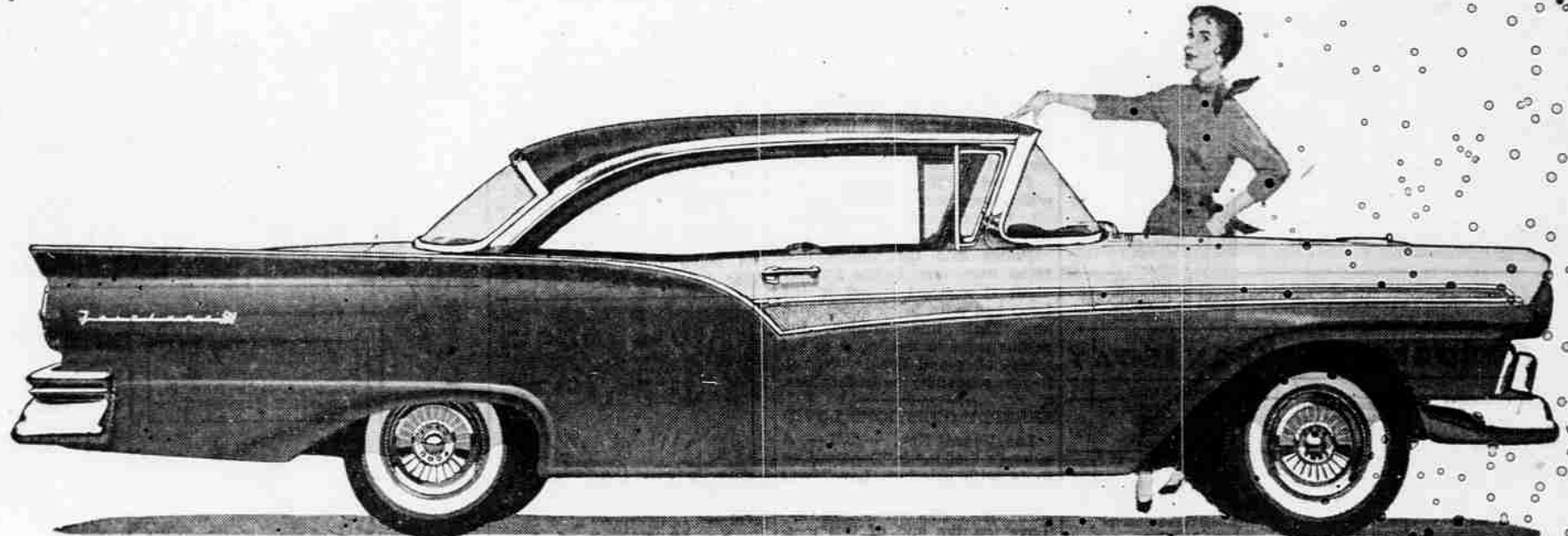
Chicago—(U.P.)—A machine no larger than a milk bottle is able to perform the exacting duties of the human heart and lung.

Recently displayed at the American Medical Association's convention at Navy Pier, the substitute heart and lung was described as a valuable addition to military surgical work in combat zones as well as hospital and research centers with limited facilities.

The device, developed by Dr. Frank Gollan of Thayer Veterans Administration Hospital, Nashville, Tenn., accepts blood from the veins and purifies it with oxygen before sending it back through the arteries.

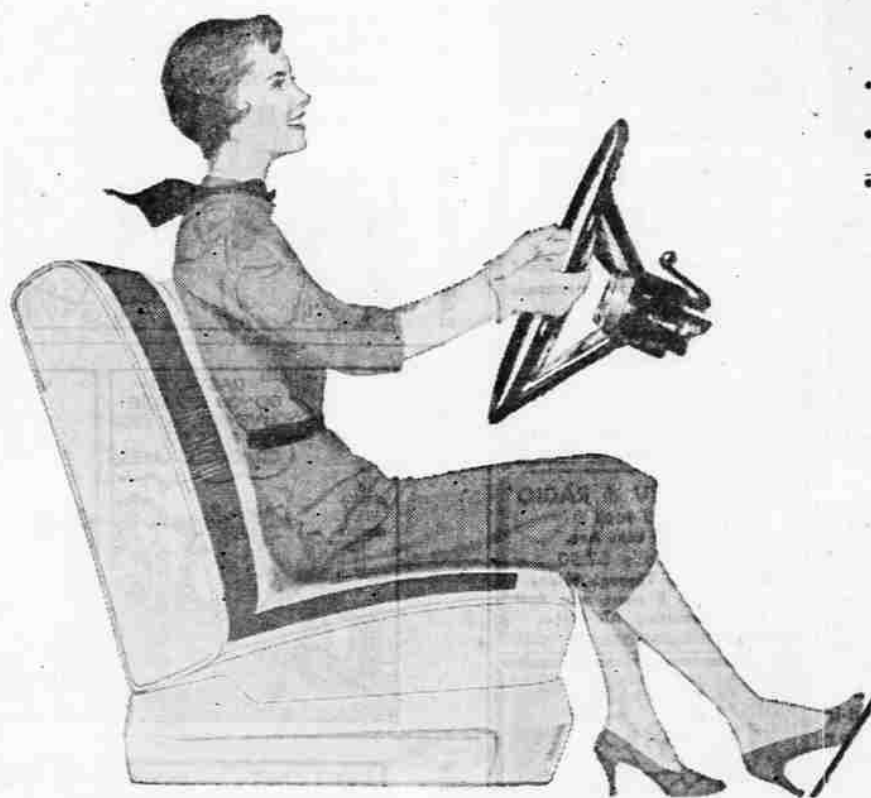
The machine has been used in two operations involving human beings, and its performance was heralded as "successful" by James T. Grace, Dr. Gollan's assistant.

Glycerine was discovered in 1779 by K. W. Scheele, an eminent Swedish chemist and scientist.



The exciting Ford Fairlane 500 Club Victoria (above)—over 17 feet long—is one of two new, bigger Ford sizes this year.

If you think it looks new... wait till you drive it!



... For there's where Ford's newness really pays off
... in melting mountains... in smoothing the bumps
... in straightening the curves

You can see that Ford's longer, lower Sculptured Look makes other cars look downright old-fashioned. But the part you can't see—the new "Inner Ford"—is what shows its stuff when you drive a Ford. It's completely revolutionary from the wheels up! And it feels it.

Ford's remarkable new, wider frame lets you sit sweet and low. It lets Ford hug the roads because of its lower center of gravity. And Ford's new front suspension, rear springs and new easy handling are part of the scheme to make you think every road is cloud-smooth.

The magic touch of the new Ford power plants makes mountains disappear. What looks like uphill feels like downhill. You get this sugaring power in a wide choice of new Silver Anniversary V-8 engines. Or you can choose Ford's new, more economical Mileage Maker Six, the most powerful Six ever offered in the low-price field.

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