

### OREGON'S ROAD TOTAL IS HEAVY

#### State Has 8505 Miles of Surfaced Local Highways, Is Statement.

Oregon has 8,505 miles of local roads that are surfaced and 5,218 miles of non-surfaced roads graded and drained, according to W. T. McDonald, vice president of Oregon State Motor association which is affiliated with the American Automobile association.

Mr. McDonald said that a total of 422,259 miles of the nation's county and township roads were surfaced at the close of 1928. He said this leaves a total of 2,749,827 miles of local earth or non-surfaced roads.

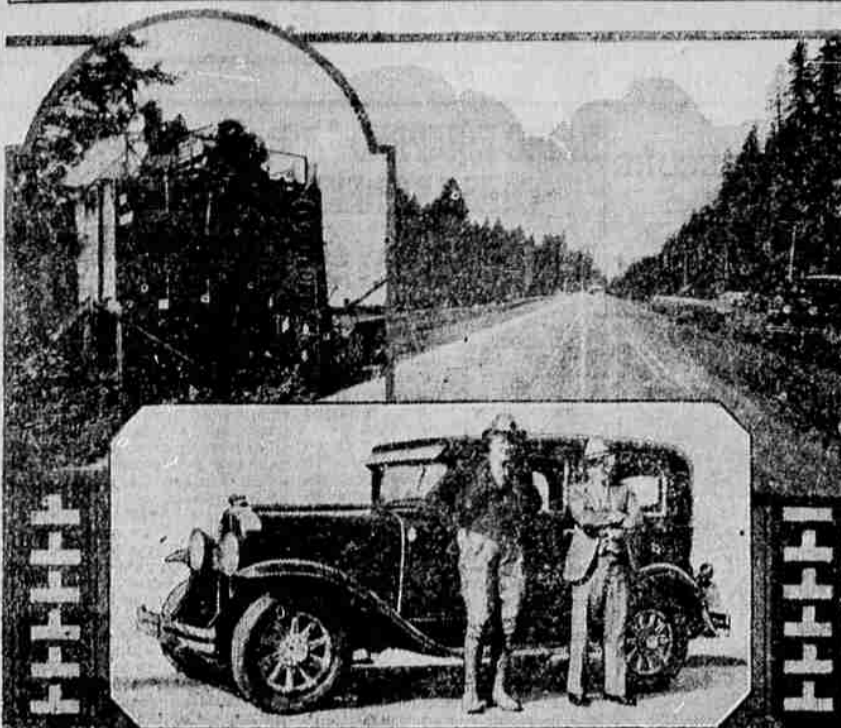
The A. A. A. club executives laud his statement on figures received by the research department of the American Automobile association from records and reports of county authorities, through the U. S. bureau of public roads.

"Indiana leads in the mileage of surfaced local roads, with 46,462 miles," he continued, "while Ohio is second with 35,745 miles. Minnesota ranks third with 27,697 and is trailed by North Carolina, California and Wisconsin."

Mr. McDonald said that a total of \$322,142,667 was disbursed by local road authorities in 1928. "Of this amount," he continued, "128,252,715 was expended for construction and \$239,722,184 for maintenance, miscellaneous expenses, bond payments and interest accounted for a large portion of the total amount disbursed."

"The expenditures for local roads now comprise a substantial portion of the nation's highway bill. In 1928 alone, this bill amounted to more than ten times the federal government's annual aid, \$75,000,000 a year."

### Oregon Completing Road Program



Oregon's new highway system is fast becoming a reality. Here are views of the work. Upper Left—Gravel is taken from the streams close by and crushed on the job. Lower—Pontiac sedan used by members of the construction company, and a stretch of the completed highway near Oregon City.

### Essex First In Gruelling Test Held In Europe

Yet another European automotive honor has been added to the increasing roll of American engineering achievements abroad, an Essex the Challenger taking first place in the gruelling "circuit of ports" test, the annual test staged upon the auspices of the Royal Motor Club of Spain.

This test is a circular run over the difficult mountain roads connecting Guadarrama, Puerto Leon, San Blas, San Ildefonso, Venta de los Mosquitos, Puerto de Navacerrada, and Villalba, and is continued over a period of 12 hours.

Some idea of the conditions that prevail can be gathered from the fact that water for the radiators was only available in some of the districts through the medium of buckets carried by the few people who inhabit the hills, water being taken from cascading streams.

Osceola Lethane drove the Essex throughout the test and finished without a single penalization. The tests included speed, hill climbing, consumption, brakes, and reliability.

This is the third European test Essex has won this year and in each case it won without any penalties. The other cups were the Ansaldo trophy, French reliability cup, and the cup of the north, also a French test.

Julia Carlson, former Oregon State guard, is playing with the Chicago Cardinals.

Jim Wagner, North Carolina half-back, averaged eight yards a try in the first 48 times he carried the ball this season.

Coach Gwin Henry of the University of Missouri does not differ from his four backs, referring to them as "just backs."

### Survey of Snake River Traffic To Be Launched

LEWISTON, Ida. (AP)—A survey of the traffic of the upper Columbia and Snake rivers will be undertaken by the Columbia Valley association as soon as sufficient funds with which to complete the work has been provided. That this program would be carried out was the assurance given in advices received by Mark A. Merritt from George C. Baer, secretary of the Umatilla Rapids association, which is closely associated with the Columbia Valley group.

It was pointed out by Baer that a traffic or tonnage survey was essential in presenting an appeal to congress for appropriation with which to improve and develop the waterways.

Congress was induced to make the appropriations for the construction of the locks a result of the representation that this improvement would open the upper portions of the river to navigation. Government engineers were informed as to the condition of the Columbia river above Cello and the Snake river from its mouth to Lewiston. This information, however, was not before congress and with the completion of the Cello canal but little commercial shipping has been registered through the locks.

In the new program of river development to be presented congress, it is proposed to show not only the necessity for dams, locks and dredging between Cello and Lewiston, but it is also intended to show the tonnage tributary to the river. The improved highways that have been constructed to the rivers from interior points and the industrial developments of the past few years that would now provide adequate tonnage for the boat lines

### Adequate Farm Buildings Urged

COBVALLES, Ore. (AP)—Adequate farm buildings for Oregon as a means of reducing production costs of farm products were advocated by Henry Giese, national authority on farm structures of the United States department of agriculture, at a building meeting here this month.

Recent studies, he said, show that the labor involved in dairying has been decreased 30 per cent by rearranging a barn. Egg production is directly proportional to the comfort of the birds and grains and fruits are placed and kept in prime market condition by proper farm storage facilities.

### Oregon Birds Go To Hawaiian Isles

PENDLETON, Ore. (AP)—A lot of birds are going to Hawaii for the winter. One Oregon group is on a personally conducted tour with Victor Bracher of Pilot Rock in charge.

Not only will they spend the winter there, but many another winter and summer, too, for the birds are Hungarian partridges, golden pheasants, Mongolian pheasants, Chinese ring necked pheasants and mountain quail raised by Bracher on his game farm and sold by him to the board of supervisors, department of agriculture and forestry at Hawaii, for breeding purposes.

Bracher and 30 crates of birds left here recently for Hawaii.

"Ponds" Clement, Alabama tackle has the largest feet in the Southern conference football, wearing a size 13 1/2 street shoe and placing a special order for football shoes.

### De Soto Six Is Ranked High In American Lists

Just as Hernando De Soto, that daimless explorer and discoverer of the Mississippi river, became a leader among the pioneers of his time, so his namesake, the De Soto six automobile, because of its superb qualities of power, stamina, performance ability and style, achieved a high ranking among American-made automobiles of this day, according to L. G. Peed, general sales manager of the De Soto Motor corporation.

When De Soto, knight of Santiago, governor of Cuba and Adelantado of Florida, with his 600 picked Spanish and Portuguese soldiers, spent three years in cutting through the virgin forests of that territory which now consists of the states of Florida, Alabama, Georgia, South Carolina, Tennessee, Arkansas, Mississippi and Louisiana, he became the first white man recorded in the pages of history to penetrate the interior of North America for more than a few miles. He was not only the leader of his own soldiers and the leader of the people whom he governed, but he was a leader among all explorers of his time. He was a name that was synonymous with success.

Emulating the success of this great leader, the De Soto automobile has achieved a remarkably high ranking among automobiles in the comparatively short period of time that it has been manufactured," declared Mr. Peed. "Starting in August 1928, a new car, unknown to the general public and with no sales organization to sell it, the De Soto today has reached a commanding position in the field of low-price sixes. In its first year of manufacture, in addition to building up a gigantic merchandising organization that covers not only this country but every civilized country in the world, the De Soto six set a record-breaking pace in sales. At the end of the first year of manufacture, 31,065 cars had been built and sold. The one hundred thousandth car was produced during the fourteenth month of manufacture and now, at the end of seventeen months, the production and sales figures are still rising rapidly. No other car of any make at any price ever climbed so high in so short a time."

"During 1929, De Soto expects to sustain the remarkable pace that it has set thus far," Mr. Peed continued. "The De Soto is a tried and proven product. The sales organization is no longer in the formative stage and as far as we can see there is nothing to stand in the way of De Soto's continued success during the coming year. It has proven to be a car that fully justifies the faith that the automobile-buying public has put into it."

### THE BACKBITTER

And now a germ crank ups and says that if you must kiss a girl, kiss her on the back of the neck. Oh, well, we have always maintained that if a girl kisses you, you should kiss her back.

### SPORTS FOR ALL IS THE POLICY OF THE RED WING

Minn. high school teams into two leagues, the best which has organized 24 basketball of the players making up the school team.

### THE HONEYMOON IS OVER WHEN A FIB BECOMES A LIE

The honeymoon is over when a fib becomes a lie.

Just as She Is  
The rose—no naturally beautiful thing—needs adornment by man. A beautiful woman appeals to me more than does a rose, not because a few necessary repairs as she grows older, I ask no special adornment.—K. W. Howe's Weekly.

Uncle Eben  
"You can't judge by sound," said Uncle Eben, "the locomotive whistle often makes you think that the engine must be sufferin' from great pain."—Washington Star.

"Natural" Deaths  
The Public Health Service says that all deaths from disease are spoken of as natural causes of death. Other causes of death are those resulting from accident or violence.

Prove Yourself  
Don't blame a man because he cannot see in you what you see in yourself. Get a hustle on and show him that he has passed up a good thing.—American Magazine.

## COLDER WEATHER CALLS FOR LIGHTER OIL

### TEXACO

This Golden Motor Oil FLOWS FREELY

Let us drain and refill the crankcase of your car with the proper grade of Texaco.

# PLAYLE OIL CO.

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## The SAFETY POINT is the SAVING POINT

There's a limit to the amount it is safe to save on batteries. It is the safety point.

Too low a price usually means scant capacity and doubtful quality. It leads almost surely to trouble and more expense.

Choose a Willard, of the correct electrical size, and you'll get lasting value... at the lowest price it is safe to pay.

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## OFFICE CAT

By Junius

At midnight there came a groan from the cellar. A momentary silence, then an agonized wretch—and the electric refrigerator was doing its stuff.

Doctor: "Has there been any insanity in your family?" Patient: "Yes, my husband thought he was home."

It's the little things in life that distract us. For instance, how much easier to sit on a mountain than a back!

"She" I want it clearly understood that I don't smoke, drink or bet. Now that that's settled, where shall we go to dine?" He—"Home!"

### SURE-FIRE STOCK TIPS

Storage Eggs—Excellent buy. Sure to be strong in due time.

Jazz Danvers—Steer clear of this. Usually pretty shaky.

Garters—Usually firm and high. Hoosier—A safe bet if you can put this stock on a firm foundation. Should draw plenty of interest.

Pants—Tangerines. If suspender stock poor, may take a sudden drop.

Near Beer—Very poor. Seldom called for. Present rate of interest less than 2 per cent.

Judging from the way they get, most middle-aged people must feel younger than they look.

"Say, Mister," said the city kid who was visiting on a farm for the first time and had been watching the cows chew their cud, "do you have to buy gum for all those cows to chew?"

Speaking of champion optimists one young woman hopes to win a man against a rival who is both a widow and a trained nurse.

## BEFORE YOU BUY MILK

SUNDAY PROGRAMS

The National Broadcasting company program for Sunday follows: 11 to 12:30, cathedral services; 12 to 1, youth conference; 1 to 2:30, cathedral hour; 2:30 to 3, sports review; 3 to 3:30, retold tales; 3:30 concert; 5, melodias; 5 to 6, concert; 5:15, feature hour; 6:15, orchestra concert.

The Columbia Broadcasting system program for Sunday follows: 6 to 7, Theater of Air; 7:30, pool of organ; 10:15, dance music.

Portland  
KGW (420ks) 12, NBC; 8, music; 10, little symphony.

Spokane  
KIQ (470ks) 12, NBC; 8, Sunday evening program.

Tacoma  
KVI (760ks) 9, music; 10:15, CBS.

San Francisco  
KFO (480ks) 5, NBC; 8, Sunday program.

KFRC (410ks) 6, CBS; 8, features; 9:20, dance music.

Los Angeles  
KXN (495ks) 6, word and music; 8, church services; 9:30, concert.

KHJ (800ks) 4, CBS; 8, features.

KFI (640ks) 5, NBC; 8, features.

Oakland  
KIX (880ks) 6, silent night.

KGO (790ks) 5, NBC; 8, news; 6:15, NBC; 7:45, Sunday feature; 8:15, Pilgrims.

Salt Lake City  
KSL (1150ks) 5, NBC; 8, L. D. R. services.

## AUTO INSURANCE! NOT FOR ME, I DON'T BUY ANYTHING I DON'T NEED

# MODERN NEEDS...

Can you get along without electric lights?

Can you get along without a railroad?

Can your wife get along without silk socks?

Can we get along without judges and juries?

Can you get along on two meals a day?

We probably could but what a hell of a world to live in.

You can get along without all of these things easier than you can car insurance or any other kind of insurance.

The smart elec that don't need car insurance should not own an automobile.

If you will stop in our office we can prove to you that insurance is just as necessary as anything you own. Stop insurance and you stop all industry.

For Sure Insurance See

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COMPARE the size, the roominess, the comfort of the improved Plymouth with any other low-priced car—

COMPARE Plymouth's beauty, impressiveness, luxury and style with any other car in the lowest-priced field—

COMPARE Plymouth's Chrysler-engineered performance—the sparkle and dash and speed that lasts—with that of any other car in the lowest-priced field—

COMPARE owners' experiences—learn Plymouth's immunity to troubles little and big—how it runs and runs—

COMPARE Plymouth's Chrysler-designed 4-wheel hydraulic brakes—self-equalizing, weatherproof and permanently noiseless—with those of any other car in the lowest-priced field—

COMPARE what Plymouth offers at its price with anything else the market affords—and you are sure to conclude that Plymouth offers more for the money.

The improved Plymouth models that will be exhibited at the National Automobile Shows are now on display at all dealer showrooms.

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