

GOOD ROADS PROVE BOON TO MARKETS

High Cost of Living Solved in Measure by Better Highways, Writer Says.

LONG TRIPS FREQUENT

Journeys of 15 or 20 Miles Held of Common Occurrence in Old-World Countries, Where Hard Surface Is General Rule.

BY FRID WEST, Manager J. W. Leavitt Company. The building of good roads is the one biggest and most important factor which this country must consider in the next few years.

Roads Better Living Conditions. The improvement of highways in many parts of our country in the past few years has been followed invariably by better living conditions.

On the other hand, the improvement of roads throughout the country is invariably followed by an improvement in farming methods. The agriculturist who heretofore devoted his energies to grazing and the production of rough foodstuffs, such as corn, is now turning to what is known as market gardening.

Intensive Farming Result. The advent of good roads, it has brought about another revolution—that of intensive farming. The countries of the Old World have always regarded us as a backward people.

Good roads are an undisputed blessing, and this every one who has given the matter any thought will admit. They not only promote increased industrial activity, and therefore better living conditions of thousands of our city dwellers, but they provide an improved social life for people who live in the country.

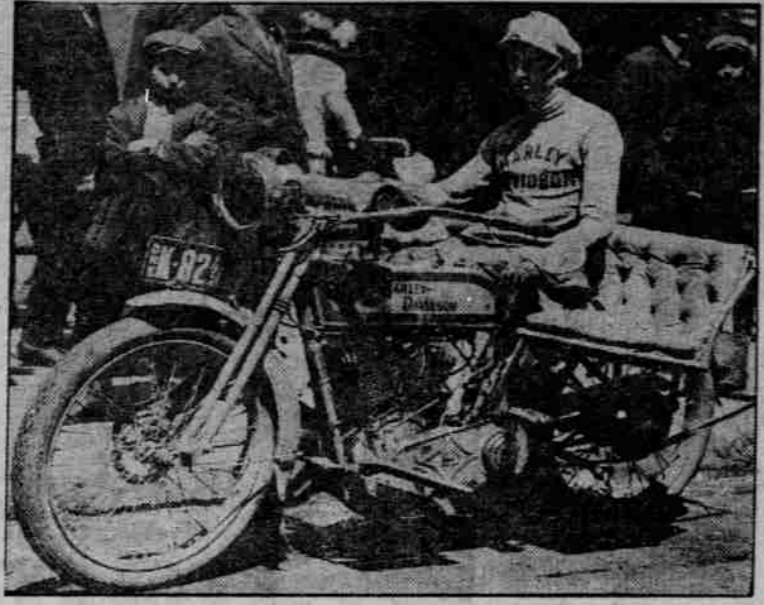
TIRE GETS HARD TEST

FIRESTONE NON-SKID BLOWN FROM CAR, BUT IS UNHURT.

Powder Factory at Canal Explodes and Chief's Machine Is Wrecked by Blast and Scattered 100 Feet. A cablegram to the Firestone Tire & Rubber Company recently from J. W. Kerr, their representative in the canal zone, contained some startling news.

Motor Census Recently Taken. An English automobile magazine recently compiled a census of motor-driven vehicles in the United Kingdom, which may be considered authoritative. It was learned that the total number of motor vehicles of all types in the United Kingdom is 425,825.

"SIDE-BY-EACH MOTORCYCLE SEAT INVENTED BY EUGENE YOUTH.



GEORGE F. PLANK AND HIS INVENTION, ON WHICH HE RECEIVED A PATENT LAST WEEK.

An oddly equipped motorcycle attracted much attention on the downtown streets during the Rose Festival, its unusual feature being a double seat, the invention of the owner of the machine, George F. Plank, of Eugene.

EXPORTS GAIN MILLION

TOTAL FOR NINE MONTHS ENDING WITH MARCH IS \$26,971,734.

23,000 Machines Shipped Compare With 25,700 of Preceding Year, But Their Value Is Greater.

Foreign trade in American motor cars continues to increase, as shown by reports of the United States Department of Commerce. The following comparison of tabulated reports of the exports and imports of vehicles and parts, as made by the National Automobile Chamber of Commerce, shows that the exports of cars for the nine months ending with last March exceeded in valuation by more than \$1,000,000 the exports for the corresponding period the year before and by more than \$4,500,000 the exports of cars during the corresponding period ending with March, 1913.

Table with columns for Exports and Imports, showing values for 1912, 1913, and 1914 for various categories like Cars, Trucks, and Tires.

In March, 1914, the United States exported 2598 motor vehicles, valued at \$2,048,347, as compared with 2842 cars in the last preceding March, valued at \$2,908,741, showing an increase of \$129,000.

ACTOR IS AD WRITER

ROBERT EDESON ISSUES BOOKLET ON OAKLAND CARS.

Witty Instructions Given Employees of His Garage and List of "Don'ts for Motorists" Is Prepared.

Robert Edeson, the famous actor of the Strongheart Company, who recently became a dealer for Oakland cars and opened the Strongheart garage at Sag Harbor, Long Island, has added to his many accomplishments that of an advertising writer.

Another humorous chapter gives a list of "Don'ts for Motorists": "Don't be like the average Englishman, who says, 'It's a beautiful morning, let's go out and kill something.'"

Fire Motorcycles Equipped. Constant improvements are being made in the motorcycle designed for fire department use. In order to make them more serviceable, one of the new fire-fighting motorcycles is equipped with two extinguishers, one on each side of the front fork of the machine.

These are fastened by special brackets and are instantly removable. A fireman's ax also forms a part of the equipment. In cases of incipient fires the motorcycle men can frequently save the heavy trucks from long, hard runs.

BRAKES CARE IS ONLY NEEDED

Actual Tests on Willys-Utility Trucks Are Revelation. "Proper attention to brakes and a practical working speed would eliminate many of the motor truck accidents which are now pronounced unavoidable," says Fred West, local agent for the Garford and Willys-Utility trucks.

At ten, the vehicle can be brought to a stop within 30 feet, simply by application of the brakes. It is equipped with an automatic governor by which the owner can regulate the speed of his truck. The most reckless or careless driver is unable to drive faster than 18 miles an hour, which is the speed our engineers have proved the highest practicable for a truck of this capacity.

3-MINUTE VULCANIZERS HERE

Repairs Made and Machine on Way in 10 Minutes, Is Claimed.

Drying and vulcanizing perfectly in three minutes, the new vulcanizing cement manufactured by the Miller Rubber Company, at Akron, O., will make it possible for motorists to have tube repairs done and be on their way ten minutes from the time they reach the repair shop.

CROSS-CONTINENT RACE PLAN

Preliminaries Declared Settled for Greatest of Tests in 1915.

An automobile race across the continent is now practically an assured event in connection with the Panama-Pacific Exposition to be held at San Francisco next year.

Canada His Relay Race.

A motorcycle relay race to carry a message from the Mayor of Halifax, N. S., to the Mayor of Vancouver, B. C., is being arranged by the Canadian Motorcycle Association.

Studebaker Is Pathfinder.

A Studebaker "Six" was the pathfinder car for the Philadelphia Enquirer's recent Atlantic City run. This car, driven by H. B. Groves, also acted as pilot car for the tour itself and distributed confetti.

MOTOR TRUCK IS BOON

KANSAS CITY BAKERY'S BUSINESS INCREASES BY BOUNDS.

"No Horses, No Bams, Clean Bread." Is Slogan to Which Discriminating Public Quickly Responds.

The newest and one of the best arguments ever advanced for the motor truck, as against the horse and wagon system of transportation has been produced by a Kansas City firm, Pauly's Wholesale Bakery.

UPHOLSTERY ON STEARNS AND OTHER

Makes, Contains Much of It.

This is a horse tale all about horses' tails and their relation to comfort and luxury in high-grade motor cars.

PERFECT COMPRESSION

LEAK-PROOF PISTON RINGS

Minimum Carbonization

Perfect bearing on cylinder assured

Sealed Opening

All Supply Houses, Garages and Repair Shops

Firestone Tires Win Again

Percy Barnes driving an eight cylinder Romano Special carries off all honors Rose City Speedway Carnival. In the twenty-five-mile event he made a lap of one mile in fifty-four seconds; time for the twenty-five miles, twenty-five minutes and forty seconds.

In Two Days' Racing He Never Changed a Tire

Don't you think, Mr. Motorist, that tires which give such service and put to such a strain are the tires for you to use?

Quality Most Miles Per Dollar Service

65-69 West Park North, Portland, Or.

Phone Main 4506, A 2367 Factory and General Offices, Akron, Ohio

BRIDGE WORK TO START SOON

CHEHALIS, Wash., June 20.—(Special.)—County Commissioner Thomas H. Gray, of the Third District, has announced that the work of hauling the steel for the new county-state bridge at Neaska is about two-thirds completed and within a short time active work installing the same and erecting the bridge will begin.

LINCOLN HIGHWAY STARTED

What is in effect the first section of the Lincoln Highway leading from New York City to be completed, the plank road from Jersey City to Newark, has been opened. A movement is on foot to rename the road the Essex-and-Hudson Lincoln Highway.

Ford THE UNIVERSAL CAR Use Your Credit \$300 down, the balance in six monthly payments, will buy you a Ford Automobile. 7% interest on deferred payments. The Ford Motor Co.'s guarantee goes with each car. OUR SERVICE IS THE BEST BENJ. E. BOONE & CO. FORD AGENTS Main 3966 514 Alder St., Portland, Or.

Hupmobile \$1050 Completely Equipped The Car of The American Family Put It Up To The Owner We would rather have you put a Hupmobile owner on the stand in our behalf than one of our best salesmen. For even if you find it hard to credit this story of satisfaction—you know that he has no axe to grind. You will find him ready and willing to tell you of continuous service, at low cost, because he feels that his ownership of a Hupmobile has done him credit to his judgment. He feels that in the purchase of a Hupmobile he got something that was even better than he bargained for. Ask Any Hupmobilst The Hup owner knows that continuous service at lesser cost is a reality—along with low depreciation and a second-hand cash value far above average. He will tell you that his gasoline and oil consumption is less—His tire mileage greater—His repair-part costs nothing, or next to nothing—His adjustments minor, of the kind he can easily make himself—These are the things that make Hupmobile ownership a delight, and put second and third Hups into the service of hundreds of owners. See the Hup dealer today and get the facts at first hand. Hupp Motor Car Company, Detroit Dulmage Auto Company Distributors 46 North Twentieth Street, Portland, Oregon.