IS DISCUSSED BY

Visitors at O. A. C. for Farmers' Week Told Saving in Few Years Will More Than Offset Costs.

Corvallis, June 25 .- Highway development of Oregon was discussed commission, and Herbert were attending the Farmers' week program at the college.

The United States has more than 8 The United States has more than 86 per cent of the licensed automobiles of the world. The licensed machines of Oregon increased 25 per cent during the last year over the previous year. Oregon has a bonded indebtedness for roads amounting to \$41,000,000, but this indebtedness is being cared for through the automobile license and a 3-cent gas tax. The good roads in time saving alone will in a course of a very few years more than offset its cost and the wear and tear of the motor driven mawear and tear of the motor driven machinery will more than offset the licensed cost yearly.

President Harding has said that the public roads of the country are second to that of the railways in traffic. The government is doing and is planning to do more to aid in building good roads. There are special appropriations being to take care of forest and post

Oregon was the first state in the Union to capitalize the license fee from automobiles to build good roads. The last legislature added additional I per cent to the gas tax for the maintenance of good roads. Every dollar spent for development of good roads reduces transportation cost to the consumer and at the same time lessens the spoilage that is due to delay in handling, espe-cially perishable products.

SPECIAL PRICES Firsts-Standard Makes 6000 Mile Guarantee

CONTRACTOR OF THE PARTY OF THE		
28x3	Non-Skid	\$ 9.90
30x3	Non-Skid	\$ 9.65
27x31/2	Non-Skid	\$13.35
30x3 1/2	Non-Skid	\$12.95
32x3 1/2	Non-Skid	\$15.95
31x4	Non-Skid	\$17.95
32x4	Non-Skid	\$19.75
33x4	Non-Skid	\$21.75
34x4	Non-Skid	\$18.75
The state of the s		

Other Sizes in Proportion

An Assorted Choice Price Only GOOD HEAVY TIRES

30x3 No	on-Skid		\$ 7.95
30x3 1/2	Non-Skid		\$10.15
32x3 1/2	Non-Skid		\$11.50
31x4	Non-Skid		\$13.50
32x4	Non-Skid		\$15.00
33x4	Non-Skid		\$15.75
BEATT COM	tone Cines	Thursday 4	***

MALCOM TIRE CO BROADWAY AND EVERETT ST.

PORTLAND, OREGON

PORTLAND WHOLESALERS BUY NEW MODELS



Timely Warning Issued Against

the Northwest Auto company. For 23 degrees increase in temperature, pressure increased only five pounds. To obtain an increase of 15 pounds pressure to would be necessary to have a temperature increase of 70 degrees over normal. This, of course, is improbable and clearly proves that the motorist has little to fear from increased temperature.

Tests in the Miller Rubber company's laboratories also have shown that it is possible to double this increase in temperature by cutting the normal inflation pressure in half. This is due to an increase in internal friction caused by running the tire soft.

ning the tire soft.

Radiation, of course, carries off a cer-

tain portion of surplus heat. This is easily seen in the fact that the tire suddenly stopped is cooler on the outside than on the inside. Revolving through

dition which the car owner wishes to guard against. It is under-inflation, even during the hottest days that ruins more tires than any other cause. Recommended pressures are safe even during the hottest days of the summer. The Coumbia Coulombia Coulombia Constitution of the cause of the summer. motorist can well afford the time needed to gauge the air pressure in his tires for the sake of greatly increased mileage.

Mountain Road Slide Is Quickly Removed

Morton, Wash., June 18.—No time was lost in removing a slide on the national parks highway (the mountain road) Saturday. The slide covered the road in urday. The slide covered the road in ment of the highway commission they about the middle of the canyon for a distance of 200 yards and was from 60 to 70 in the most advantageous way and for feet deep, extending up the mountain side for 500 feet. Whole trees were left standing erect and carried to the center of the road. The slide is at a point which overhangs the railroad standing erect and carried to the center of the road. The slide is at a point which overhangs the railroad.

Federal, the Trustworthy Truck, has one conspicuous advantage to recommend it. It equals the day's best haulage service, while costing less to buy and operate. Economy and Efficiency both recommend Federal.

William L. Hughson Co.



BROADWAY AT DAVIS BROADWAY 321

coastwise organization with tranches at San Francisco, Oakland, Los Angeles, San Diego, Seattle,

Gasoline Engine of New Type Invented By 2 Portland Men

Louis L. Luce of this city and LeRoy What effect has summer heat on tires? Here is a timely warning against reducing air pressure in your tires on a hot day. Experience shows hat the most of the heat senerated oil and gasoline, together or separate, as fuel, makes steam while running and gasoline and stant flexing. The amount of this increases with under-inflation. Set made on a five-inch cord tire 130 miles an hour for two hours at made on a five-inch cord tire 130 miles an hour for two hours at made of the air 62.6 Fahren-reased the temperature of the temperature of the company. For increase in temperature of the manager of west Auto company. For increase in temperature of temperature of the manager of west Auto company. For increase in temperature of temperature of the manager of west Auto company. For increase in temperature of temperature of the manager of west Auto company. For increase in temperature of the manager of west Auto company. For increase in temperature of the manager of west Auto company. For increase in temperature of the manager of west Auto company. For increase in temperature of the manager of west Auto company. For increase in temperature of the manager of west Auto company. For increase in temperature of the manager of west Auto company. For increase in temperature of the manager of west Auto company. For increase in temperature of the manager of west Auto company. For increase in temperature of the manager of west Auto company. For increase in temperature of the manager of west Auto company. For increase in temperature of the manager of west Auto company. For increase in temperature of the manager of west Auto company. For increase in temperature of the manager of west Auto company. For increase in temperature of the manager of west Auto company. For increase in temperature of the manager of west Auto company. For increase in temperature of the manager of west Auto company. For increase in temperature of the manager of west Auto company in the manager of which requires but three cyclinders and about 250 miles and an incre Mattson of Vancouver, Wash., have just been notified from Washington that they have been allowed a patent on a

Highway Commission Orders Half of 1921 Apportionment Be Paid From Treasury.

Under the provisions of the state Work on Overhead market road law the highway comtain point heat is generated faster than 50 per cent of the amount apportioned from the 1921 state market By reducing pressures, the increased flexing of the tire creates the very con-

	Baker\$16,601.26 Lake\$ 6,013.66
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	!Clackamaa . 17,814.40 Lincoln 5,500.11
	Clatsop 22,493,49 Linn 22,679.99
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	Crook 4.996.77 Morrow 7.625.51
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9	Deschutes . 5,428.25 Pelk 12,750.00
	Douglas 17,086.69 Sherman 9,809.46
	Gilliam 8,892.31 Tillamook . 13,686.35
	Grant 6,787.92 Umatilla 33,056.97
	Harney 9,660.28 Union 15,411.42
	Hood River. 7,964.70 Wallows 8,764.32
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	Josephine . 6.138.16 Wheeler 3,287.80
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Ш	THE SECRET SHEET SECURITIES AND ADMINISTRATION OF THE PARTY OF THE PAR
п	While the payment of these amounts

MARKET ROAD LAW FAILS

While the state market road law has been in operation only one year experi-ence has shown that it is not fulfilling

From a practical standpoint the law is no improvement on the old county methods of road fund administration. The law requires that the state highway commission must approve specifications of improvement, but the commission is given no authority over the expenditure of the funds, this being vested in the county court. Some of the construction of last year does not conform to the specifications.

It has been suggested that the law should either be repealed or else the state highway commission should be given a greater extension of authority over the construction of market roads.

Motor Information Bureau Established

Morton, June 25.—The Morton Mirror, published in Morton, Eastern Lewis county, has arranged a free information bureau for the general public. Now that Morton is to improve its streets, which will make travel this way much pleasanter than formerly, tourists and others will want to know about this route before they start. It will not even be necessary to enclose a stamp for a reply. The Mirror has asked all of its correspondents to send in weekly reports on the conditions of the roads in their communities. These reports will be assembled and forwarded to the daily papers in time for their Sunday issues.

Spirit Lake Route In Fine Condition

Kelso. Wash., June 25.—The old high-way to Spirit lake summer resort at the foot of Mount St. Helens is being im-proved greatly this year and by July will be in excellent condition all the way. Much grading and graveling has been done over Green mountain and even now the highway is the best it has ever been

FAMOUS FIGURE

A. G. Batchelder, Killed in Air-

The death of A. G. Batchelder in n airplane accident in Maryland,

Every member of the organization, and in particular every officer of the club whose work in its behalf brought him in touch with "Batch," and whose work in many other fields brought him in contact in a business or social way with tact in a business or social way with this old timer, grieved over the loss to motordom of a man whose work has ever been beneficial, whether in the good foads field, the touring field, the legislative field or in the field of good

First of Packard 1237s Appears

This engine appears to be very well adapted to pursuit work as its power to weight ratio is very good and its operation appears exceptionally smooth and

Crossing on Pacific Highway Is Held Up

The railroad officials and county of-ficials expected to put in dirt fills for approaches, and the public service com-ful mien and ever with the anxiety

The county court and the state high-way commission have already signed the agreement for its erection.

Washington Drivers Slow to Apply for Individual Licenses

been in operation only one year experience has shown that it is not fulfilling its purpose. In many counties the money has not been applied on roads designed as market roads, but has been transferred to other roads.

It has also in some instances been used for other than road purposes, such as the purchase of machinery and other equipment. Another criticism is that instead of being concentrated on major projects it has been existered in small amounts, with the result that it has been practically wasted.

AUTHORITY FOUND LACKING

From a practical standpoint the law is no improvement on the old county

plane Accident, Was One of Active Members of Old Timers.

May 29, removes from the list of officers of the Old Timers' club one of its most progressive members a man who had the utmost faith in the future of the organizaztion and in its objects, and helping hand and

Batchelder started as a printer's devil at Attica, N. Y., when a boy; grew into the Buffalo newspaper field as sporting editor of the Buffalo Courier in the early nineties; graduated to New York city in bicycle work in connection with then into the field of the motor car with the New York American at the time Batchelder was always active in motor-ing and took up the work of the Ameri-can Automobile association more than a decade ago. He became secretary and then chairman of the executive commit-ENTERS AIRPLANE FIELD

Having pioneered in cycling and me-toring, Batcheider had of recent years taken up the pioneering of the airship and promised to become a commanding figure in that field in a short time. Having built the A. A. A. up to an orpromised to take up the work of moting a great membership for the Aero Club of America, of which organization he was an officer. His interest in flying was shown by numerous flights, including one from New York The engine ran very well during the 50-hour test and no major difficulties were encountered. The only points which seemed to require correction were the magneto coupling and the valve stem guides; the former appeared to be too flexible for satisfactory operation and the latter showed excessive were in the latter show to fly himself after gaining experience flying with others.

MANY MOURN HIS LOSS The work of Batchelder for the A. A. and his work for the Old Timers' club is now lost and this is a sad blow to all organizations, including both of these and others with which he was connected. His every thought was for the good of his fellow man, and he had not an, enemy. Everyone was his friend. Batchelder always saw the good in a man and never the bad; for he was one who believed every man had some good in his makeup which had but to be de-veloped to stamp out the bad. No man in motoring could have passed

Eugene, June 25.—Work on the over-head crossings at McVeigh point on the Pacific highway over the Southern Pa-cific tracks has been held up again. This time it is over the type of approach to be built to this mammoth \$75,000 friends always knew him, and as he signed letters to friends, never bragge mission seems to think the plans call for wooden trestle approaches, which, while saving much in right of way, selfish. Such a man leaves behind him would not be as stable as dirt and would not blend in with the general plan and appearance of the concrete crossing.

Shell Oil Company Pays State \$4710

Salem, June 25.—Motor fuel oil sales of the Shell Oil company in Oregon during May totaled 233,623 gallons of gasoline and 2534 gallons of distillate, according to its statement filed with the secretary of state's office here. The statement was accompanied by a check for \$4710.43, representing the state tax collected on these sales.

Cuba Plans Model Highways Awakening to the value of the moto

Vulcanizers, Attention

HARPER & HALL Retreading and Vulcanizing Works. 484 BURNSIDE ST. PORTLAND, OF

Attention, Wire Wheel Users!

Avail yourself of our free inspection service. Estimates given on re-pairing and enamelling WIRE WHEELS. A completely equipped service station. A stock of parts for all makes of WIRE WHEELS, together with FOUR YEARS' experience in Wire Wheel Works, at your service.

Look for the Checkered Sign



435 Stark St., Portland Bdwy. 605

Portland Brazing & Machine Works, Inc. Welders Engineers Machinists Where Welding



There are sometimes breaks in hafts, in cams and gears, in certain laces in the chassis where only relding—and welding of a difficult and expert kind—is the only way to avoid big expense for replacement and factory repairs. Here is where we come in to save you money, time and trouble. See us

Counts

Office and Works Third and Glisan

Cuba is now taking steps to build up a model highway system. Many of the old military highways are being repaired and new highways built. At present, roads on the coast are good, but in the interior they are impassable except for pack mules.

Bids for Roads to

Caves to Be Opened trict engineer of the United States by

PERIESS

Exactly the Right Car, that will give you the most for your money, cannot be found by chance-its selection requires a careful analysis of values.

The car you want will probably be an eight -for among the better class cars more eights are produced and sold than all other types combined.

Therefore, compare eights for power, pickup, workmanship, comfort, appearanceand then for price.

You will wonder why, for actual superiority in essentials, Peerless prices are lowest.

The answer is-Peerless prices are based upon former low costs of buildings and machinery, and upon present costs of labor and materials.

Touring Car \$2,990

Roadster \$2,990 Coupé \$3,680 Sedan-Limousine \$4,210

PRICES F. O. B. CLEVELAND: War tax not included THE PEERLESS MOTOR CAR COMPANY, Cleveland, Ohio

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New Price \$1765

The moment the Hupmobile price was reduced \$200, the car became worth more to its buyers.

The Hupmobile was not changed or cheapened in any

It is as economical as ever; it keeps going with as little adjustment as ever; repairs cost as little as ever. Within \$400 of this new price, we doubt that Hupmobile

value is excelled. You should not consider any other car within that range

until you first find out what a splendid buy the Hupmobile is.

5-Passenger \$1765 Coupe \$2750 Sedan 2810 Roadster 1765 Prices F. O. B. Oregon-War Tax Included

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Eleventh and Oak at Burnside-Phone Broadway 217 Some Territory Open for Dealers

