Auto Tour to California Is Described in Letter to Governor Withycombe.

NEEDS OF OREGON TOLD

dvantages of Cement Base for Highways Demonstrated; Trip Is Advocated for Legislative Committees.

BALEM, Or., Sep. 4.- (Special.)-Governor James Withycombe is in recelpt of a letter from Arthur Langgith, State Senator, relative to the condition of the roads both in Calicompany with Mrs. Langguth, Miss Helen Langguth Smith (Mrs. Langguth's 12-year-old niece), of Jackson Mich, and Henry M. Lambert, started from Portland, August I. in the Langguith Cole automobile. The letter received by Governor Withycombe from Mr. Langguith was dated Tia Juana, Mexico, August 24, and is as follows: Sluce August 1 our party has been studying reads and highways from Portland to Mexico and has received off over 1990 miles as far and the end is not yet.

If each member of our roads and highways committee in the Senate could make this trip he would learn much first handed that would be uneful during the next session of the Legislature.

I have often heard you say you thought censent should be the foundation for our hard surfacing that should go on the roads. I think you are absolutely right on that point and we will realize it sooner or later in Oregon. Mich., and Henry M. Lambert, started

peint and we will realize it scener or interin Oregon.
California has some splendidly constructed roads and has side the worst I ever saw,
not excepting that in Pass Creek Canyon,
is Douglas County, Oregon. California has
given up the crushed rock and grave! read
method and we have not found anything
out cement roadways being laid.
The bitumen or asphalite roads laid a
few years ago are "rolling up" and becoming lumpy. The old olled road is a thing
of the past. It seems that in California
they put a thin coat of asphaltum on the
cumant roadway and then spread a layer of
dry screenings on it and that makes a softer surface and very satisfactory road for
team and wagon as well as automobile traffit.

the day we went over and through pairmen's Association have decided to mountains, between Dunsmuir and hold another social affair, and have ling, we started from Hornbrook at 5 chartered the steamer Joseph Kellogg L and got his Kennet by the aid of coarchlight at 9 P. M., having spent 16 or a moonlight excursion down the course of the best coarchights. On several occasions





Few motorists have a mileage record that will come anywhere near that of Gay M. Lombard, a prominent clubman and capitalist of Portland. More than 200,000 miles have been traversed by him in his various machines since 1908.

His longest tour was in 1912, when his speedometer recorded 4408 miles, after having covered New England, the South, the Middle West and the Northwest. Mr. Lombard had with him Da-

at the wheel. On several occasions to stop and rest, as the constant turning to stop and rest, as the constant turning to a right-hand curve and then a tid turn, then a right and again a nut turning the steamer probably will not rewhich adds to the danger materially, only once imag mile or more that one the steamer probably will not recomb once imag mile or more that one the graware and automobile people of

defi-hand turn, then a right and again a left, until a driver becomes disay from repetition, which adds to the danger materially. It is only once lips mile or more that one weblide can pass another, as the road was carved out of the side of the mountain, evidently with the libsa that traffic would from Oregon to California and never from Oregon and California have completed one more year's work on the main highway, much of which is already in finished conditien. We met touring parties on their way to Oregon from nearly every state except Albama, Georgia and Florida. They had seen California have completed one more year's work on their way to Oregon from nearly every state except Albama, Georgia and Florida. They had seen California, but could not return until the from all over the country and many to mad Oregon from nearly every state except Albama, Georgia and Florida. They had seen California, but could not return until the from all over the country and many less fr

when in use as a five-passenger car, Tires Good After Long Tour.

Among the 15 motor vehicles constituting the first motor gun troop ever inaugurated in this county, which were used in connection with the business men's training camp, at Plattsburg, N. Y. was a steel armored Cadiliac with full Goodyear cord tire equipment, which had previously made the trip from Chicago to San Francisco as a part of the equipment of the Northwestern Military and Naval Academy expedition directed by Colonel R. P. Davidson. After encountering almost unbelievable road conditions, owing to the heavy rains in the West, the Goodyear tires on the car showed so little wear as to warrant their retention on this car when used at the Plattsburg camp.

Woman Makes Long Motor Trip.

After driving her Maxwell from Long Beach, Cal., to Dallas, Tex., Mrs. K. L. Kent is now on her return trip. Her only companions are her 10-year-old son and "Buster," a husky bull terrier. Mrs. Kent made her sastward trip in 11 days and expects to beat this fast time on her way home.

Sliding Friction on Tire Related.

Among items of trend wear not com-ionly recognized is sliding friction. W. Litchfield, of the Goodyear Tire Rubber Company, explains this as

the friction which occurs between the

tire and the ground, due to surface mo ion of the trond. As the surface of a ire is doubly curved, to fiatten any cortion of it against the ground in-olves a certain amount of surface dis-

transferred from one part of the tread to another, a continuous sliding fric-tion is produced. This materially af-fects fuel consumption. NOTED ATHLETES USE COLES

ortion, and when this distortion is

Mike Gibbons and Jake E. Daubert

"One of the most attractive features of the car is its luxurious riding qualities. The large, roomy body has comfortable seating capacity for seven adults.

An interesting fact is adults. of the car is its luxurious riding qualities. The large, roomy body has comfortable seating capacity for seven adults.

"The rich leather seats are designed to fit the body. One rides in the car, not on it. The 22-inch rear doors are conveniently large. One of the special features of this Chalmers model is speed and, with the speedometer registering just 30 miles an hour, rear seats, which fold in flush with the front seat wall when not in use. This front seat wall when not in use. This front seat wall when not in use. This

HERCULES SALES COMPANY IS ES-TABLISHED IN PORTLAND,

Noch Frederick and H. J. Nielson Open Distrubuting Bendquarters and Agencies in Oregon Cities.

Mike Gibbons and Jake E. Daubert
Take Long Drives in Cars.

Among the leading a thirtee of the highest sizes who drive motor cars as Mike Gibbons, claimant of the midmers cars were shipped East to dismers c

worry about stone bruises. The fiber of the tire is placed at acute angles with the road and interwoven with high-grade rubber so as to prevent cuts, punctures and skidding. Due to the extra quality in the carcass, blowouts and bead trouble are avoided."

Mr. Frederick will remain at the Portland office permanently, while Mr. Nielson will travel through the territory.

OREGON STATE SENATOR AND PARTY IN TIA JUANA, MEXICO, LAST MONTH.



Most of Mileage Is of Gravel or Waterbound Macadam-125 Miles of Roadway Now Being Constructed.

The s	tatement	follows:		
100000		Class 1.	Class 2,	
County.		Milles.	Miles.	Total
	ever construct	TO SALE	14.25	14.25
			1:00	1.00
			17.88	37,83
			7.15	7.18
Clallam			0.00	0.00
	*********		2.30	6.21
Columbia			8.70	8.70
Cowling .		1.80	1.00	2.50
Dougias			5,14	5.16
			1.84	1.84
Franklin	444544	5.00	*****	5.00
Garrield			1.00	1,00
Grant			22.74	22.74
	rbor		31.06	36,44
Island			4.00	4:00
			5.00	5,00
King		34.43	22.69	57.12
Kitsap			2.00	2:00
Kittitus .		3.20	24.53	17.75
			5.80	5.30
Lowels		6.28	40000	6.28
			28.56	29.16
			2,60	2.00
			9.76	0.70
	*******	1.10	11.74	12.90
Pen d'Ore		**** * ****	7.12	7.12
			(#300 m)	27.88
San Junn			1,00	1.03
			4,00	7.70
			4.64	4,64
Snohomia	h	5.50	7.30	13.15
Spokane	*********	1.07	59.49	60,77
			12.09	13.00
			11.02	11.62
Wahkiah	um	FF44 A # # # #	27.111	21.92
Walla We		200	7.13	16,45
Whateom	THE REAL PROPERTY.	9,30	20.68	20.48
Vakiman			35.91	85.91
A WWILLIAM	********		mer. D.T.	more T
Totals.		100.28	419,01	528.29

Spencer. Soon it was unanimously de-cided that a motorcar trip to Crater Lake was the choice of outings. The plans included the taking of equipment and provisions for camping, and the

528 MILES PAVED

all its own. Yesterday A. H. Brown, manager of the Studebaker Corporation of America, received assurances of America, received assurances in the factory to help fill up the cold occasioned by a lack of cars in this territory during recent weeks.

When the trainload arrives, September it or 15, between 25 and 30 of the Studebaker dealers of Oregon and Washington will be on hand to drive their cars home to their respective garages and agency stores. Mr. Brown reports that his territory has suffered a shortage of some 500 or 600 cars.

Ned H. Manley, who left his post as

Ned H. Manley, who left his post as salesmanager of the Dulmage-Manley Auto Company several months ago for an extended visit in the East, is back at the old atand looking as fresh as a daisy after his carned rest. He says he is mighty giad to be back in Oregon, and from the rate he is lining to prospects for the Hupmobile, Nation and Chandler automobiles he is than making up for lost time.

OLYMPIA, Wash, Sept. 4.—(Special.)
—Under the Washington permanent highway law, in effect since 1911, the 32 counties of this state have completed asystem for automobiles. Which is state have completed for the Federal bureau of spoof roads, in addition to which approximately 125 miles of road now are under construction.

While most of the mileage has been of gravel or waterbound macadam, these inexpensive types being particularly favored in Eastern Washington, much attention is being paid to the highest types of hard-surfacing, especially in Western Washington, whore 67 miles of concrete pavement and 22 miles of brick already have been laid under the act.

The mileage of each class of completed surfacing is given by the highway department as follows:

Brick, 22.22 miles; concrete, \$6.65 miles; sheet asphalit, 2.87 miles; warrenite, \$6.67 miles, bituminous macadam, 15.78 miles; concrete, \$1.25 miles; sheet asphalite macadam, 15.78 miles; road gravel, \$7.52 miles; spread gravel, \$7.52 miles; spread gravel, \$7.52 miles; spread gravel, \$7.52 miles; concrete, \$6.65 miles, 11 m the following macadam, 15.78 miles; warrenite, \$6.67 miles, bituminous macadam, 15.78 miles; concrete, \$6.65 miles, 12 miles; spread gravel, \$7.52 miles; spread gravel, \$7.52 miles; concrete, \$6.65 miles, 12 miles; spread gravel, \$7.52 miles; spread gravel, \$7.52 miles; concrete, \$6.65 miles, 12 miles; spread gravel, \$7.52 miles; spread gravel, \$7.52 miles; concrete, \$6.65 miles; hit minous macadam, 15.78 miles; concrete, \$6.65 miles; hit minous macadam, 15.78 miles; concrete, \$6.65 miles; hit minous macadam, 15.78 miles; warrenite, \$6.67 miles, bituminous macadam, 15.78 miles; concrete, \$6.65 miles; hit minous macadam, 15.78 miles; warrenite, \$6.67 miles; hit minous macadam, 15.78 miles; hit minous macadam, 15.78 miles

other "universal" feature of the Ford car.

Butchers, grocers, merchants and shoe dealers will have an interest in this distribution, which will give some force to the far-reaching economic and social effect of the Ford profit-sharing plan. What each check will buy and who will participate in the spending of this vast amount will be a matter of interest. interest.

Car Not Extravagance, He Says.

"You hear comparatively little about the automobile being an extravagance nowadays," says G. C. Frey, of the Kissel Motor Company. "It was only a few years ago that the man who owned a car was either regarded as wealthy or as living beyond his means. All that is passed, because of the generally accepted fact that a car, in one way or another, hargely pays for itself. For one thing it has improved the public health and thus increased human efficiency, paying incalculable dividends in this way alone."

Factory Has New Manager.

Gossip Along the Row

A ugust being vacation time, the subject of where best to page a short recreation period came up for discussion between the families of Dr. Luther R. Dyott and Dr. William O. Spencer. Soon it was unanimously de-

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ASTORIANS EQUIP THEIR CAR WITH SIX NOBBY TREAD

TIRES FOR LONG TRIP.

PARTY IN ALEXANDER BREMNER'S REO EN ROUTE TO MEXICO. Mr. and Mrs. Alexander Bremner, Mr. and Mrs. Edward Jamison and Mrs. Walker, all of Astoria, formed an enthusiastic motoring party that passed through Portland recently on their way to Southern California and Mexico by way of the exposition. Mr. Bremner's big car was fortified with six "Nobby Tread" tires and looked entirely