Short-Haul Traffic Relieved

in Big Centers.

SPECIAL SERVICE GIVEN

Engineer Declares Machines May

Be Used for Auxiliary Work

to Subway Lines.

NEW YORK, June 24.—There are at least four ways in which buses may become a useful part of the transportation scheme in New York city, in the opinion of Daniel L.

Turner, consulting engineer of the Transit Commission of New York, speaking before the truck manufac-turers of the National Automobile Chamber of Commerce here this

ner's unofficial remarks are con-

sidered, therefore, of special signifi-Special Service Furnished.

Surpass California's.

MOTORISTS PRAISE

WEEKLY BULLETIN OUT

Report by State Highway Department Tells Condition of Main Thoroughfares.

SALEM. Or., June 24. - Oregon highways are this season in a much better condition than those of California, according to tourists who are touring the western coast. Many Shriners, on their way home from the San Francisco convention, offered laudstory comment regarding Oregon roads.

The weekly report of the state highway department, relative to the condition of the state roads, was issued here today. It follows:

Pacific Highway. Portland-Oregon City - Williamette river bridge at Oregon City closed for construction. Traffic from Portland for Oregon City and points south should take cast side route via Milwaukle or Eighty-second street, both of which are paved throughout. Traffic for Oswego and West Linn should take west side route, which is paved to Bolton and graveled from there to West Linn.

Oregon City-Canby-Salem—Paved.
Salem-Jefferson-Albany—Paved.
Albany-Corvailis-Junction City-Eugens—Gravel Albany to Corvailis. Pavement to Eugene.

Gravel Albany to Corvallis. Pavement to Eugene.

Eugene-Drain — Paved most of the way. Short detour around new concrete pavement south of Goshen. Turn left on Cloverdale road for about 1800 feet, returning to highway about three-quarters of a mile south of Goshen. Twe short detours are necessary at Camas Swale; balance of highway to Drain is paved with the exception of a short section at Cottage Grove.

Drain-Roseburg—Highway open and paved or macadamized to Wilbur. Detour from highway just south of Wilbur via Garden Valley to Edenbower. Detour graveled throughout, but first five miles are narrow and require careful driving. Return to highway at Edenbower half mile north of Roseburg. Concrete paving operations now going on between Wilbur and Roseburg. Section between detour limits will not be open after working hours.

Roseburg-Myrtle Creek—Paved.

hours.

Roseburg-Myrtle Creek—Paved.

Myrtle Creek-Canyonville — Construction under way. Traffic detoured via Riddle during working hours—7:36 A. M. to 5:30 P. M., except Sunday. Detour rough on south end.

Canyonville-Gaiesville—Good macadam.

Traffic cautioned to look out for construction greeks.

Galesville-Grave Creek—Paved.
Grave Creek-Sexton's (Smith Hill)—
Construction under way from Grave Creek
to south foot of mountain. Traffic detoured over old road night and day. Good
dirt road. Steep grade averaging 10 per

West Side Highway.

Portland-West Dayton—Paved, Traffic for McMinnville and points beyond will find an all-paved route via Dayton and Three-Mile lane. Highway closed for construction from West Dayton to St. Jee.

West Dayton-Lafayetts-Graveled and

west Daylon-Dalayette diversed and its good condition.
St. Joseph-McMinnville—Paved.
McMinnville-Whiteson—Closed for paving. Traffic for Whiteson and points south take Booth-Bend road leaving McMinnville via Grant street, rejoining highway at Whiteson armity.
Whiteson-Amity—New highway closed.
Take old road, graveled and in fair condition.

Columbia River Highway.

Old Oregon Trail.

macadam; good construction.

Hot Lake-Union-Open. Cross tracks
just east of Hot Lake, detour marked to

main highway.

Union-Haines-Baker—Good macadam,
Baker-Neison — Fair county road.
Under construction. Watch for caution and detour signs.
Nelson-Huntington — New standard grade. Under contract for macadam, Drive with care.
Huntington-Weiser (via Olds Ferry)—Fair condition.

Weiser-Ontario—Excellent macadam.

Weiser-Ontario—Excellent macadam.

Coast Highway-Chatsop and Thilamook
Counties.

Astoria-Miles Crossing-Paved.
Miles Crossing-Skipanon - Under construction. Closed to traffic 8 A. M. to 10-15 A. M., closed 10-15 A. M. to 12-15 A. M., closed 12-M. to 3 P. M., closed 1 P. M. to 3 P. M., closed 1 P. M., closed 1

and fair going.
Miami-Wilson river-Graveled; good

Mismi-Wilson river-Graveled; good condition.

Wilson river-Tillamook—Paved.

Tillamook-Beaver—Paved except three miles at Pleasant Valley, which is under construction, but open to travel.

Beaver-Hebo—This section is under construction, but is open to travel, Condor bridge and cut-off also open.

Hebo-Pacific City Junction—Graveled, rough and narrow in places, but safely passable.

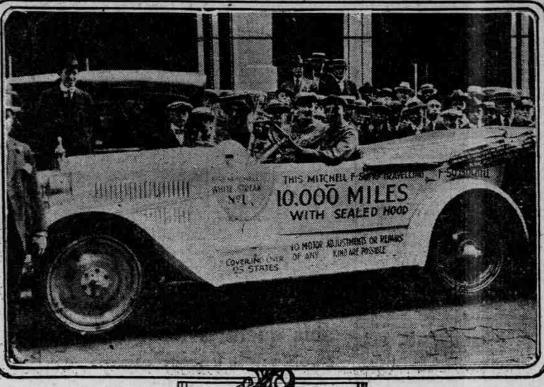
Coast Highway—Coos and Curry
Countles.
North Bend - Marshfield - Coquille — Paved.
Coquille-Bandon—Passable. Open and
in good condition.
Bandon-Port Orford-Gold Beach-Califormia line—Open and in good condition;
automobile stages operating.
Marshfield-Bandon (via Seven Devils
route)—Open but rough.

Roseburg-Coos Bay Righway. Coquille-Myrtle Point-Open and in good condition.

Myrtle Point-Roseburg-Open and in fair condition; several detours on ac-count of construction between Camas Valley and Roseburg. Auto stages op-erating. Coos Bay wagon road open but very rough.

Corvallis-Newport Highway. Biodgett-Toledo—Earth road, passabl

FIRST MITCHELL "WHITE STREAK" BEGINS LONG DISTANCE RUN.



MITCHELL CAR WITH SEALED HOOD ON ARRIVAL IN NEW YORK FROM CHICAGO.

Ten thousand miles without once lifting the hood—that's the demonstration now being staged by the Mitchell endurance qualities of the Mitchell was begun in Chicago a couple of weeks ago, and already the car, which recently arrived in New York, has covered several thousand miles. When the car left Chicago the hood and crank case were officially scaled by County Clerk Sweitzer. This will mean that during the run no repairs or adjustments will be possible. Of course arrangements have been made whereby oil can be supplied to the motor. This particular car, known as White Streak No. 1, will visit 129 metropolitan cities in the east and middle west covering its 10,000 miles. Later the Mitchell company plans to send out a White Streak No. 2 to visit Pacific coast cities, according to Mitchell, Lewis & Staver, who received the above photograph, and Portland will be public its plan for using buses in

but rough in places; being smoothed up as fast as possible. Corvallis-Blodgett-Road rocked and in good condition.

Toledo-Newport-Macadamized and in

Willamette Valley-Florence Highway. Open and passable to Blachly by both Low Pass and High Pass routes. Low Pass route is recked to Goldson post-office. Earth road from Goldson to Blachly in good condition.

McMinnville-Tillamook Highway.

McMinnville-Sheridan-Paved. McMinnville-Sheridan—Fayed.
Sheridan-Summit—Good macadam except short stretch at north Yamhill river, which is rough and slow going.
Summit-Doiph—Under construction; rough and slow going in places.
Doiph-Hebo—Good macadam.
Hebo-Tillamook—Macadam and pavement. (See Coast highway.)

Tualatin Valley Highway. Portland-Forest Grove-Junction West Side Highway at St. Joseph-Paved ex-cept short gaps at Scoggins creek and Tualatin river bridges.

Mt, Hood Loop Highway. Portland-Sandy—Take Powell Valley road which is paved to Gresham; grav-eled and in good condition to Cottrell; thence via Bluff road; graveled, fair con-

dition.

Sandy-Salmon river—Highway passable when dry, but very rough; impassable after rains. Detour via Marmot road, which is mostly planked and in fair condition; all safely passable.

Salmon River-Zig Zag—Unsurfaced, but sand and gravel soil and safely passable.

Hood River-Parkdale-Good macadam

The Dalles-California Highway. The Dalles-California Highway.

Note: See Sherman highway for alternate route to central Oregon.

The Dalles-Shaniko (by way of Maupin and Bakeoven)—In fair condition.

Rough and dusty between The Dalles and Maupin.

Shaniko-Madras—Best route is via Anteiope and Gateway. Between Shaniko and Anteiope new macadam in good condition. Anteiope to Madras in good condition.

Madras-Bend-Good macadam road

Madras-Bend—Good macadam road.

Trailic rossing is a little rough.

Bend-Allen ranch—Cinder and gravel

Surface, in good condition.

Allen ranch—Fort Klamath—Dirt road,
in fair condition, few rough spots.

Fort Klamath—Lamm's mill—Dirt road,
in fair condition, few rough spots.

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in fair condition, few rough spots.

Fort Klamath—Falls—Mac
Motorists Able to Make Popular

SPOKANE, Wash, June 24.—The
California-Banff Bee Line highway
is open, tourist headquarters here
announced this week. Rough roads

RELAND WILL WANT AUTOS

is open, tourist headquarters here
announced this week. Rough roads

RELAND WILL WANT AUTOS

usiour at The Dalles. Follow detour signs.

The Dalles-Arlington-Umatilla-Pendleton-Macadamized entire distance and in good condition.

Green Springs route open. Road in fair condition, Medford-Ashland-Klamath Falls stage taking this route.

Klamath Falls Highway.

Old Oregon Trail.

Pendleton-Dead Man's Pass—Excellent macadam.
Dead Man's Pass-Hilgard—Rough meuntain road.
Kamels-La Grande—New standard grade, rough in places, under contract for macadam, cautious driving necessary.
One short detour at Hilgard. Follow detour signs.
La Grande-Het Lake—Pavement and macadam; good construction.

Klamath Falls-Darry—Macadam; in good condition.

Dairy-Beatty—County road, dry and sandy. Through cars will make better time by taking route via Bonanza.
Beatty-Lakeview—Fair dirt road.
By-Lakeview—Bir to Drews Valley is rough but improved by dragging just recently. Cars should carry chains. Stage operating.

Lakeview-Burns Highway.

Lakeview-Burns Highway.

Bend-Lakeview Highway.

Bend-Burns Excellent county road.
Huntington-Weiser (via Olds Ferry)—
Fair condition.
Weiser-Ontario—Excellent macadam.
Coast Highway-Clatsop and Tillamook
Counties.

Bend-Burns—Excellent county road.
Hurns-Crane—Macadamized and in Crane-Vale—Open but very rough Carry water and plenty of gasoline.
Vale-Ontario—County road; fair con-

McKenzle Highway. Eugene-Blue river-Open and in good condition.

McKenzie Pass—Open; few cars have gone through but going is very difficult. Sisters-Redmond—Fair condition.

John Day Highway.

Arlington-Condon—Take detour road via Rock creek, Mikkalo and Clem; dirt road, good condition; main road under construction from Arlington to Olex, Condon-Fossil—Macadamized and in good condition.

Fossil-Butte Creek Summit—Graveled and in good condition.

Fossil-Butte Creek Summit-Graveled and in good condition.

Summit-Tilley's (mouth of Sarvice creek)—Dirt road in fair condition during dry weather; passable for light cars. Very rough. Sarvice creek section is under construction; best road to Spray is via Winlock.

Tilley's-Spray—New road, fair condition.

tion.

Spray-Dayville—Good condition.
Dayville-Cole's bridge—In fair condition but rough.
Cole's bridge-Prairie City—Graveled
road in good condition.

Prairie City-Unity—Mountain road; open.
Unity-Cow valley—Fair county road.
Cow valley-Brogan—Excellent graded
earth road.
Vale-Jamieson — Macadamized, good

Ochoco Highway. Redmond-Prineville - Graveled road;

rood condition.

Prineville-Mitchell — Passable, alles on summit miles on summit very rough; 28 m gravel, good condition, balance fair.

Shaniko-Mitchell Highway. Closed to auto traffic on account of loud burst. Rough and muddy. La Grande-Joseph Highway.

La Grande-Island City-Paved. Island City-Eigln-County road in fair

Baker-Cornucopia Highway. Baker-Unity Highway.

Baker-Bridgeport-Open; fair moun-Bridgeport-Unity-Good county road. Crooked River Highway.

Grants Pass-Crescent City Highway.

Grants Pass-Waldo-Good smooth road.
Waldo-Monument-Rough: but dry
Monument-Crescent City-Good.
(Oregon mountain). Bend-Sisters Highway.

Open and in fair condition; some de tours necessary around construction.

announced this week. Rough roads Paved.
Independence-Corvallis—Take road via
Suver; graveled to Benton county line;
paved county line to Corvallis.
Corvallis—Junction City-Eugene—Paved.
Corvallis—City-Eugene—Paved.
Corvallis—City-Eugene

One tourist gave this tip: "If you see a high-powered car coming from Canada at 40 miles an hour, don't argue with it; give it the road. In-

on September 1 the shorter route via Cranbrook and Fort Steele will be opened, giving a road into Lake Louise and an alternative route back via Calgary and Macleod.

It is planned in London to do away with all railways above ground, and the old roadbeds are to be connected into highways or be connected into highways speedways for motor traffic.

BENZ

For all makes of cars and trucks **Broken Springs** Repaired and

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ADILLAC PLANT EQUIPPED WITH FINE MACHINES.

Super-Mechanical Results Giv Transmission Remarkable Freedom From Noise.

condition.

Eigin-Minam—First nine miles macadam. From end of macadam to Minam in fair condition.

Minam-Joseph—Macadamized with exception of eight-mile stretch between lostine and Enterprise. This strip is rough; take hill road. Road open from La Grande to Wallowa lake.

Enterprise-Flora—Good macadam. DETROIT, June 24 .- A battery o measurements of less than two and Baker-Halfway—19 miles macadam, 8 a half ten-thousandths of an inch. One ten-thousandth of an inch is uigh. Cautious driving necessary of about one-thirtieth the thickness of a human hair. The machines a human hair. The machines mechanical fineness of manufac-

Cadillac has a battery of six o Prineville-Bear Croek — Twenty-two miles; fair condition.

Bear Creek-Shorty Davis Ranch—Ten miles; good condition.

Shorty Davis Ranch-Paulina—Thirty-five miles; fair condition.

Shorty Davis Ranch-Paulina—Thirty-five miles; fair condition.

Paulina-Burna—Passable; fair condition.

Paulina-Burna—Passable; fair condition.

Road is bad at Brown ranch and Buck mountain.

The machines are the result of 20 years of experimentation in trans-mission gear grinding. They are regarded as the biggest advance in grinding muchinery that has been made in the last 15 years.

More of these machines are on their way to the Cadillac factory. Their use is resulting in even im-

Establishing of Stable Govern

ment Will Bring Demand. Calumbia River Highway.

Portland-Astoria—Paved except one mile through Rainier.

Portland-Cascade Locks-Hood River-Mosier—Paved.

Mosier—Paved.

Mosier—Paved, except one mile of macadam. Contractors are paving between Mosier and Rowena so that travel will be compelled to adhere to the following schedule in passing over the new pavement: Road is closed 7:15 A. M. to 12:30 P. M.; open at all hours for light traffic only. Detour is steep and narrow in places; careful driving is necessary. Detour ever Seven-Mile Hill is also open at all hours and is in fair condition.

The Dalles-Arlington-Umatilia-Pandie.

The Dalles-Arlington-Umatilia-Pandie.

The Dalles-Arlington-Umatilia-Pandie.

The Dalles-Arlington-Umatilia-Pandie.

Oregon-Washington Highway.

Oregon-Washington Highway.

Oregon-Washington Highway.

Pendieton-Parked Line-Paved and open; drive slow at caution signs where maintenance work is in payed and open; drive slow at caution signs where maintenance work is in payed and open; drive slow at caution signs where maintenance work is in payed and open; drive slow at caution signs where maintenance work is in payed and open; drive slow at caution signs where maintenance work is in payed and open; drive slow at caution signs where maintenance work is in payed and open; drive slow at caution signs where maintenance work is in payed and open; drive slow at caution signs where maintenance work is in payed and open; drive slow at caution signs where maintenance work is in payed and open; drive slow at caution signs where maintenance work is in payed and open; drive slow at caution signs where maintenance work is in payed and open; drive slow at caution signs where maintenance work is in payed and open; drive slow at caution signs where maintenance work is in payed and open; drive slow at caution signs where maintenance work is in payed and open; drive slow at the boot cart road. In the boot cart road. In the boot cart road. In the boot cart road DETROIT, June 24 .- Ireland will

Complete Valve Assemblies for Your Car

The best valve assembly combination to be had anywhere is offered by Patterson Parts, Inc., the West's largest exclusive replacement parts organization.

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OLD 1911 STUDEBAKER IS FIRST CAR THROUGH SNOW AT GOVERNMENT CAMP.



VETERAN OF MANY MILES AND TROUTDALE BOY WHO DROVE CAR. Although the Mount Hood loop road to Government Camp has been open for a couple of weeks or so, there Although the Mount Hood loop road to Government Camp has been open for a couple of weeks or so, there is one stretch of the road near Government Camp that was only opened the other day, the earlier cars having made a brief detour to get around a snow bank. Clarence H. Fisher of Troutdale, son of P. J. Fisher, a farmer of that section, claims the distinction of first breaking through this last section of road, and with an old-timer of 1911 to boot. Fisher, with a party of friends, drove up to the camp last week, and on a wager the boy drove his car into the snow bank and plowed through the entire distance, opening up the road so it was soon made passable. The car is a Studebaker of 1911 vintage, and has been built into a delivery car, as the photo shows. It is equipped with old "Presto" lights and has the very latest thing in one-man-power from crank starters. The car's mileage now is almost beyond a guess, as its records have long been obscured by time. However, the trip to Mount Hood is evidence that the car still has lots of spunk, and young Fisher declares it is good for many miles yet. On the return the boy loaded the car down with rhododendron blossoms, which at that time were thick in that section. soms, which at that time were thick in that section.

buses, excursion buses, or any type troiling franchise rights of the sur-should be utilized as an important of incidental special service. I mean, face lines can be furnished better auxiliary to our subway and ele-

"There are at least four ways," homeward at night can be furnished said Mr. Turner, "I believe, in which buses may become a useful element in the transportation scheme of New York. But in every case their use said Mr. Turner, "I believe, in which buses may become a useful element in the transportation scheme of New York needs more to better articulate the would be as a supplement to the existing services, not as a general substitute for such services.

"First, buses may be used to furnish a special route service. I am not now referring to sight-seeing conflicting with the prior or con-

an everyday service of a special character for regular customers. Regular through route special service workward in the morning and homeward at night can be furnished for segregated groups of patrons.

Thirdly, buses can be used to some extent to accommodate the short-haul traffic in the congested the subway and elevated lines—the rapid transit lines—must provide the long haul from such outlying short-haul traffic in the congested.

Destructive "sulpho" compounds in motor oil cause it to break down and thin outrapidly under engine heat.

destructive

The new Hexeon Process completely removes destructive "sulpho" compounds from oil. This process is used only in making Cycol Motor Oil.

"Sulpho"

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compounds

Flush your crank case with fresh lubricating oil, not kerosene or so-called flushing oil, then refill with Cycol. Different brands of motor oils have different bodies. The safest, surest way to get the best performance from your motor is to use the grade of motor oil specified on the Cycol Lubrication Chart.

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