

WIDE TIRES ROAD PRESERVERS.

Many tests have been made to establish the claims in favor of wide tires as against the narrow ones, and a few of the results are given as stated in bulletin No. 12 of the United States department of agriculture, by General Roy Stone. In Utah, at the experiment station, it was shown that a given load on a 14-inch tire pulled 40 per cent heavier than when on a 3-inch tire, the test being made at the State University. An ordinary wagon with a new 3-inch tire was loaded with two long tons, or 4,480 pounds, and the draught measured by a dynamometer. On an ordinary earth road, in good condition and hard, the draught was 254 pounds. On a grass field it was 468 pounds. On a newly ploughed field it was 771 pounds. As 150 pounds is the draught of an ordinary horse of 1,000 pounds, two horses could draw this load with ease on an ordinary road, and a ton and one-half on a grass sod, while with a narrow tire one-half as much, or a single ton, is a full load for a double team. Besides this the broad tires roll and level a road, so that the more they are used the better the road becomes, while narrow tires cut it into ruts, if it is at all soft.

Professor Sanborn, of the Missouri Agricultural College, tried the same experiment with wagons having tires of different widths, using a Baldwin dynamometer. The weight of the load drawn was 3,665 pounds each. The tires were 14 inches and 3 inches, respectively. The tests were made on blue grass sod partially moist. The draught of the wide tires averaged for level ground 310 pounds. For the narrow tires the draught was 439 pounds, or 41.6 per cent more than the wide tire. Assuming the wagon to weigh 1,000 pounds, then on the broad tire 3,248 pounds would be drawn as easily as 2,000 pounds on the narrow tires. Again the broad wheels in the trial did not injure the turf, while the narrow wheels cut through it.

ENORMOUS COST OF POOR ROAD.

The Roadmaker, an Eastern paper devoted to the interest of good wagon roads, says:

"We have awakened to find ourselves confronted with the fact that the average cost of transporting goods from the farm to the market is 25 cents a ton a mile, or about the same as it was twenty-five years ago. During this same period the cost of transporting goods by rail has been reduced to one-fifth of its former cost. During these years farm property has depreciated, and we are at a loss to find the reasons for its decline. The facts are that its surroundings have not kept pace with our advanced ideas of modern civilization, and many people who would otherwise remain on the farm have sought relief in the cities.

"Our farmers are paying three times as much to move every ton of their produce to market as would be required on a system of good roads, a difference that would make a large balance to credit to the success or charge to the failure of any commercial enterprise that controlled half as much capital as is represented in a single township."

Senator Hanna usually declines to take notice of charges made against him by unfriendly newspapers, but he made an exception of the charge that he had a personal interest in the ship subsidy bill and authorized the following explicit denial: "I say that the assertion that I am interested in any way in any company that has given orders for the construction of colliers through which it is expected to participate in the benefits to be derived from the passage of the ship subsidy bill is

absolutely false and without foundation. My sole interest in the shipping bill is that of an American citizen who thoroughly believes in the upbuilding of the merchant marine."

At any rate it will bother the doctors to prove that this prevailing epidemic of grip has been caused by mosquitoes.

Take two tonight and you will be well tomorrow. Baldwin's Health Tablets. They cure sick-headache, chronic constipation and make sick people well-50 doses 25c

R. W. Tansill, the Chicago millionaire cigar man (of Tansill's Punch & Cigar fame.) says: "Baldwin's Health Tablets are the best remedy for constipation, biliousness and torpid liver I have ever used."

PORTLAND, ORE. EDWARD L. BALDWIN CO., I find your Health Tablets excellent for constipation, sick-headache and dyspepsia. GEO. BAKER, Of Geo. Baker & Co., Auctioneers.

Clarke & Falk, The Dalles, Oregon.

Brave Men Fall

Victims to stomach, liver and kidney troubles as well as women, and all feel the results in loss of appetite, poisons in the blood, backache, nervousness, headache and tired, listless, run-down feeling. But there's no need to feel like that. Listen to J. W. Gardner, Idaville, Ind. He says: "Electric Bitters are just the thing for a man when he is all run down, and don't care whether he lives or dies. It did more to give me new strength and good appetite than anything I could take. I can now eat anything and have a new lease on life." Only 50 cents, at Blakeley's drug store. Every bottle guaranteed.

Subscribe for THE CHRONICLE.



CHOCOLATE BON BONS.

In talking of Chocolates please remember that we carry a full line of LOWNEY'S, just opened, fresh from the factory. In plain and fancy boxes for Christmas trade, and at prices to suit. Don't forget that we are headquarters for the best on earth. Name LOWNEY settles it.

Geo. C. Blakeley, The Druggist.

C. F. Stephens

...Dealer in...

Dry Goods, Clothing, Gents' Furnishings.

Boots, Shoes, Hats, Caps, Notions. Agt. for W. L. Douglas Shoes.

Telephone No. 88. 124 Second St., The Dalles, Or.

The Columbia Packing Co.,

PACKERS OF PORK and BEEF

MANUFACTURERS OF

Fine Lard and Sausages

Curers of BRAND

HAMS & BACON

DRIFD BEEF, ETC.

O. R. & N. OREGON SHORT LINE AND UNION PACIFIC

DEPART FOR	TIME SCHEDULES THE DALLES.	ARRIVE FROM
Chicago-Portland Special. 12:25 p. m. via Huntington.	Salt Lake, Denver, Ft. Worth, Omaha, Kansas City, St. Louis, Chicago and the East.	1:35 p. m.
Atlantic Express. 12:30 a. m. via Huntington.	Salt Lake, Denver, Ft. Worth, Omaha, Kansas City, St. Louis, Chicago and the East.	4:45 a. m.
St. Paul Fast Mail. 9:25 p. m. via Spokane.	Walla Walla, Lewiston, Spokane, Wallace, Pullman, Minneapolis, St. Paul, Duluth, Milwaukee, Chicago and East.	8:30 a. m.

OCEAN AND RIVER SCHEDULE From Portland.

8:00 p. m.	(All sailing dates subject to change) For San Francisco, Sail every 3 days.	4:00 p. m.
Daily except Sunday. 8:00 p. m. Saturday, 10:00 p. m.	Columbia River. To Astoria and Way-Landings.	4:00 p. m. except Sunday.
Daily except Sunday. 6:00 a. m.	Willamette River. Oregon City, Newberg, Salem, Independence, and Way-Landings.	4:30 p. m. except Sunday.
Tuesday, Thursday, Saturday, 6:00 a. m.	Corvallis and Way-Landings.	1:30 p. m. Monday, Wednesday, Friday.
Tuesday, Thursday, Saturday, 7:00 a. m.	Willamette and Yamhill Rivers. Oregon City, Dayton and Way-Landings.	3:30 p. m. Monday, Wednesday, Friday.
Leave Riparia daily. 8:40 a. m.	Snake River. Riparia to Lewiston.	Leave Lewiston daily. 8:30 a. m.

Parties desiring to go to Heppner or points on Columbia southern via Biggs, should take No. 2, leaving The Dalles at 12:40 p. m. making direct connections at Heppner Junction and Biggs. Returning making direct connection at Heppner Junction and Biggs with No. 1, arriving at The Dalles at 1:05 p. m.

For further particulars, call on or address JAS. IRELAND, Agent, The Dalles, Oregon.

Northern Pacific Yellowstone Park Line.

THE DINING CAR ROUTE FROM PORTLAND TO THE EAST. THE ONLY DIRECT LINE TO THE YELLOWSTONE PARK

LEAVE	Union Depot, Fifth and 1 Sts	ARRIVE
No. 2.	Fast mail for Tacoma, Seattle, Olympia, Gray's Harbor and South Bend points, Spokane, Roseland, B. Co. Pullman, Moscow, Lewiston, Buffalo, Hump mining country, Helena, Minneapolis, St. Paul, Omaha, Kansas City, St. Louis, Chicago and all points east and southeast.	No. 3.
11:15 A. M.	Puget Sound Express for Tacoma and Seattle and intermediate points	5:50 P. M.
No. 4.	Puget Sound Express for Tacoma and Seattle and intermediate points	No. 3.
11:30 P. M.	for Tacoma and Seattle and intermediate points	7:00 A. M.

Pullman first-class and tourist sleepers to Minneapolis, St. Paul and Missouri river points without change. Vested time, Union depot connections in all principal cities. Baggage checked to destination of tickets. For handsomely illustrated descriptive matter, tickets, sleeping-car reservations, etc., call on or write

A. D. CHARLTON, Assistant General Passenger Agent, 255 Morrison street, corner Third, Portland Oregon.

Southern Pacific Co. Shasta Route

Trains leave The Dalles for Portland and way stations at 4:25 a. m. and 8 p. m.

Leave Portland	8:30 a. m.	7:00 p. m.
Albany	9:00 a. m.	7:30 p. m.
Arrive Ashland	12:30 a. m.	11:30 a. m.
Sacramento	3:00 p. m.	4:35 a. m.
San Francisco	7:40 p. m.	8:15 a. m.
Arrive Ogden	9:45 a. m.	11:45 a. m.
Denver	9:50 a. m.	9:50 a. m.
Kansas City	7:25 a. m.	7:25 a. m.
Chicago	7:40 a. m.	9:30 a. m.
Arrive Los Angeles	1:30 p. m.	7:00 a. m.
El Paso	6:00 p. m.	6:00 p. m.
Fort Worth	6:30 a. m.	6:30 a. m.
City of Mexico	9:55 a. m.	9:55 a. m.
Houston	4:50 a. m.	4:50 a. m.
New Orleans	6:25 a. m.	6:25 p. m.
Washington	6:42 a. m.	6:42 a. m.
New York	12:45 p. m.	12:45 p. m.

Pullman and Tourist cars on both trains chair cars Sacramento to Ogden and El Paso, and tourist cars to Chicago, St. Louis, New Orleans and Washington.

Connecting at San Francisco with several steamship lines for Honolulu, Japan, China, Philippines, Central and South America.

See agent at The Dalles station, or address

C. H. MARKHAM, General Passenger Agent, Portland, Or.

A Complete Line of Drugs at M. Z. DONNELL, THE DRUGGIST.

Just What You want.



New ideas in Wall Paper here. Such wide variety as we are showing never before graced a single stock. Real imitation creton effects at ordinary prices. Good papers at cheap paper prices. Elegant designs, tasteful colorings, yours for a small price, at our store on Third street. Also a full line of house paints. D. W. VAUSE, Third St.

F. S. Gunning,

Blacksmith, Wagon Shop, Horseshoeing.

Dealer in Blacksmith Supplies.

Cor Second & Langblie. Phone 157

J. S. SCHENCK, President. MAX A. VOIGT, Cashier

First National Bank.

THE DALLES - - - OREGON A General Banking Business transacted Deposits received, subject to Sight Draft or Check. Collections made and proceeds promptly remitted on day of collection. Sight and Telegraphic Exchange sold on New York, San Francisco and Portland.

DIRECTORS D. P. THOMPSON, JNO. S. SCHENCK, ED. M. WILLIAMS, GEO. A. LIEBE, H. M. BEALL.

MATT SHOREN,

General Blacksmith and Horseshoer.

All kinds of blacksmithing will receive prompt attention and will be executed in first-class shape. Give him a call.

Richardson's Old Stand, Third St., near Federal, The Dalles, Or.

NEW YORK Restaurant

L. Y. Hong, Prop'r.

First-Class in Every Respect

MEALS AT ALL HOURS. Oysters Served in any Style.

87 Second St., The Dalles, Or.

REGULATOR LINE.
DALLES, PORTLAND & ASTORIA NAV. COMPANY

Steamers of the Regulator Line will run as per the following schedule, the Company reserving the right to change schedule without notice.

Str. Regulator	Ship your Freight via Regulator Line.	Str. Dalles City.
DOWN. Lv. Dalles at 7 A. M. Tuesday. Thursday Saturday Arr. Portland at 4:30 P. M.	UP. Lv. Portland at 7 A. M. Monday. Wednesday Friday Arr. Dalles at 3 P. M.	DOWN. Lv. Dalles at 7 A. M. Monday. Wednesday Friday Arr. Portland at 4:30 P. M.
		UP. Lv. Portland at 7:00 A. M. Tuesday. Thursday Saturday Arr. Dalles at 5 P. M.

FOR COMFORT ECONOMY AND PLEASURE, Travel by the Steamers of the Regulator Line. The Company will endeavor to give its patrons the best service possible. For further information Portland Office, Oak-Street Dock. W. C. ALLAWAY, Gen. Agt.

Wasco Warehouse Company

Headquarters for Seed Grain of all kinds. Headquarters for Feed Grain of all kinds. Headquarters for Rolled Grain, all kinds. Headquarters for Bran, Shorts, and all kinds of MILL FEED. Headquarters for "Byers' Best" Pendleton Flour. This Flour is manufactured expressly for family use; every sack is guaranteed to give satisfaction. We sell our goods lower than any house in the trade, and if you don't think so call and get our prices and be convinced. Highest Prices Paid for Wheat, Barley and Oats.

Retiring from Business.

Closing out my Entire Stock Regardless of Cost. Dry Goods, Clothing, Boots and Shoes, at much less than wholesale prices. Will sell in bulk or in lots, or any way to suit purchasers.

Entire stock must be closed out before 30 days. All goods will be sacrificed except Thompson's Glove-Fitting Corsets and Butterick Patterns. Your prices will be mine. Call early and secure bargains.

J. P. McINERNEY, Corner Second and Court Sts.

DEALERS IN All kinds of Funeral Supplies. Robes, Burial Sh. Etc.

GRANDALL & BURGET UNDERTAKERS & EMBALMERS The Dalles, Or.

PIONEER BAKERY.

I have re-opened this well-known Bakery, and am now prepared to supply everybody with Bread, Pies and Cakes. Also all kinds of Staple and Fancy Grocer es. GEORGE RUCH, Pioneer Grocer.

THE CELEBRATED .. COLUMBIA BREWERY ..

AUGUST BUCHLER, Prop.

Of the product of this well-known brewery the United States Health Reports for June 28, 1900, says: "A more superior brew never entered the laboratory of the United States Health reports. It is absolutely devoid of the slightest trace of adulteration, but on the other hand is composed of the best of malt and choicest of hops. Its tonic qualities are of the highest and it can be used with the greatest benefit and satisfaction by old and young. Its use can conscientiously be prescribed by the physicians with possibly be found."

East Second Street, THE DALLES, OREGON.

YOUR KIDNEYS.

After you tire of using so-called kidney remedies without any benefit, use Lincoln Sexual Pills and be forever rid of those dull pains in your back. Discard that old foggy idea of "pain in the kidneys" and have all your bladder and urinary troubles cured, and your nights made restful by the use of nature's greatest assistant—Lincoln Sexual Pills. Price, \$1.00 per box—buy of your druggist or sent by mail on receipt of price, in plain wrapper. LINCOLN PROPRIETARY CO., Fort Wayne, Indiana.

M. Z. Donnell, Agent, The Dalles.