Oregon City Enterprise. Oregon has the best road laws of any state in the Union, its geal seems to have over-

which retains the ancient provision of per-

good vote-getter is seldom a good engineer,

better to be appointed by the county court,

THE GR.ECO ... TURKISH WAR,

War has at last broken out between

Greece and Turkey and heavy fighting has

as is the Oregon practice.

lishing something.

Published Every Friday.

CHAS. MESERVE, PUBLISHER AND PROPRIETOR.

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FRIDAY, APRIL 23, 1897.

AGENTS FOR THE ENTERPRISE.

Beaver Creek.	a. (8) (8)	Dr. T. B. Thomas
Oanby,		Geo. Knight
Clackamas, .		- A. Mather
Milwaukie.		Oscar Wissinger
Union Mills, -		G J. Trullinger
Meadow Brook.		Chas Hoiman
Now Era	- · · ·	W. S. Newberry
Wilsonville, -	- 1 - A	 Henry Miley
Park Place, -		 Henry Miley F. L. Russell
Giadstone, -		- T. M. Cross
Stafford, -		- J. Q. Gage.
Mulino,		C. T. Howard
Carus.	1 A 16	- R. M. Cooper
Molalia		 Annie Stubbs.
Marquan, -	1	E. M. Hariman
Buttevillie -	19 J. 19	. B. Jennings
		Henry A. onyder
Aurors, · ·		- L.J Perdue
Orville, -		- H. Wilbern
Sagle Creek,	ST 15	
Damascus,		 J. C. Elliott
Bandy		 F. Gottsch
saimon, -	- Mrs.	W. M. McIntyre
Currinsville,		Geo. J. Currin
Ournisville,		
Cherryville, -	- MI	s. M. J. Hammer
Marmot, -		Adolph Aschoff
CONTRACTOR LAND		The second second second

DF The way to build up Oregon City is to give Oregon City people your patronage

THE BRIDGE NOT OVERLOADED.

Much noise has been made lately by certain parties regarding the safety of the sus- thousands residing in foreign countries are pension bridge alleging that the wires hurrying home to join the army. Many strung across it by the Electric company Italians are also joining the Greek army were the cause of the damage to the bridge and some few English. The Turks are putfrom the late wind storm. They also claim ting every man in the field possible, and that these wires overload the bridge. As to have their armies in very good shape. the excessive weight of these wires, that is Many German officers are with them and disproved by the report of the county sur- are the ir drill masters. So far the Greek veyor, published elsewhere, who was or- fleet, which though small is quite efficient, dered by the county[court to make a nieas- has been master of the sea and has shelled urement of the bridge and wires, for he several Turkish ports, the Turkish men-offinds the total weight of the wires and fix- war descretely keeping under cover of the tures to be but 7.24 tons-the weight of two forts on the Dardinelles. loaded wood wagons. For a bridge capable | What the outcome of the war is to be is of sustaining a double line of loaded teams the problem all Europe is trying to solve. for its entire length, though it is never Each of the great powers is trying to keep loaded to one-tenth its capacity, to be en- out of the conflict, yet all are alert to profit dangered by the addition of seven tons to by the war and to prevent any one of them its weight, is a statement no thorough en- from gaining an advantage and they are gineer would endorse.

The area for wind pressure of the wires notice. Should a general war break out and fixtures he gives at[954.43 square feet, England, France and Italy would probably an area so small that it would exert no per- be on the side with Greece, while Russia, ceptable effect on the bridge even from the Germany and Austria would help the unprecidented wind of last month which Turks. wrenched some of the trusses of the bridge. the floor of the bridge.

THE SUSPENSION BRIDGE.

run its discretion. No road law is good Its Carrying Capacity and Wind Resistance Measured.

The following is County Surveyor Isom's mitting road taxes to be paid by day's work, and the Eastern states have amply report to the county court which was ordemonstrated the desirability of advancing dered made to ascertain as to how much state aid to such communities as are willing the electric wires carried by the bridge ento bear a due proportion of the expense of dangered the structure.

modern roads. State aid is not advisable To the Honorable County Court of Clackayet in Oregon, because districts will not mas County, State of Oregon, Gentlemen ; bear their rightful share of improved road I herewith submit to you the following building. We shall not have a really good report:

Pursnant with your request for the weight of the wires and fixtures of same and also This controversy, unfortunately, sheds the extra strain produced by them in the very little light on the subject. The Argo- average and maximum winds on the susnaut's chief objection to our road laws is pension bridge across the Willamette river that no provision is made for state high- at Oregon City, I proceeded to make a deways, and this is really the feature we are tailed calculation of the points at issue, and most delighted to honor in the breach. If have used the most approved authority we had back some of the money we have known to the profession for my reference squandered in this way, it would be cause works. As to parts the weight of which for rejoicing. And so we shall have to re- could only be so obtained and are calcuject also the Argonaut's other amendments, lated the insulators I obtained duplicates Best Quality of Cold a state road commission costing \$12,000 a and weighed them. year, and an elective road supervisor. The WEIGHTS.

12,911.68 lbs on top of truss. as the ENTERPRISE points out, and he is far 997.54 " inside of truss on posts. 584.60 " on transfers girders.

Making a total in which is not considered the wires or fixtures necessary for lighting Perhaps we ought to say that Clackamas has done nobly at road work, in spite of the the bridge of 14,493.82 lbs. or 7.24 tons laws rather than because of them. They which is evenly distributed throughout the have done very little there that they could entire length. not have done without any law at all. The SAFE LOADS.

Cross law has never even been tried. They The construction of this bridge admits of have really shown how little law amounts its carrying 68.6 pounds per square foot of to, after all, negatively or positively, when floor with a factor of safety of 4. a hustling community sets about accomp-DEDUCTIONS.

> The safe load being 66.6 pounds per FORsquare foot of floor with a factor of safety of 4. and by adding 1.485 pounds per square toot you have reduced safe load to 65,115 pounds.

REMARKS.

been carried on for several days past on the Although the bridge is likely safe against frontier between the two countries. Though all possible loading, it is the possibilities several severe battles have been fought, no that should be considered where life is congreat decided victory has been won by cerned, therefore I do not consider it adviseither side. Both sides display the utmost able to add to the weight. The factor bravery and the losses have been correspondwould be none to large at 6. with load at ingly heavy. The Greeks have called out 66.6 pounds. every able-bodied man in the country and

AREAS FOR WIND PRESSURE. 1st .- The areas for wind pressure above the truss are:

577.72 sq. ft. Cylindrical, equivalent to flat of 340.90

2nd.-Inside of truss...... 35.81 "

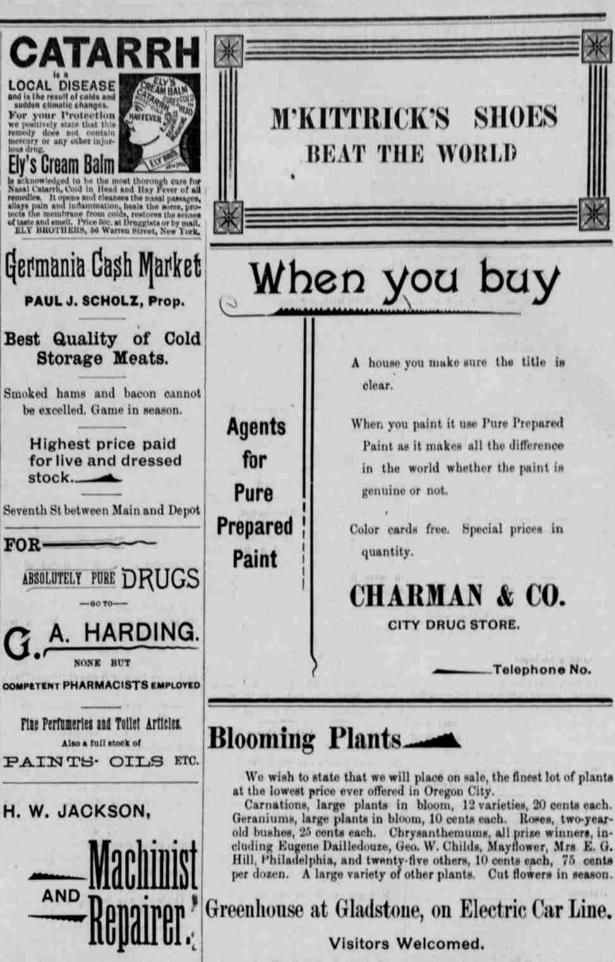
> VELOCITY OF WIND.

I here use the greatest velocity as furnished me by B. S. Pague of the weather bureau of Portland, of which the following is a copy; March being our worst month: Date. Average. T'l Miles. Maximum March, 1891 1892 4.8 31.03 1893 1894 1895 1895 1897 9.8 9.8 9.0 7257 7305 6699 7474 8356 10.0 PRESSURE PER SQ. FT. IN POUNDS.

11.2 mi. per hr... 0.506 lbs. 55.0 " 15.12 " Average 11.2 r Maximum 55.0 RESULTS.

1st.-Av. 0.506 lbs. on 918.62 sq. ft. equiva-

lent to 464.82 lbs



Hardy cabbage and other vegetable plants for sale.

Wilkinson Bros.

P. O.Address, Box 238, Oregon City.

public safety in this attack on the Electric as it was when published last summer for company.

CLACKAMAS COUNTY ROADS.

Clackamas county is looked to all over the coast as the leader in the good roads movement and the progressive newspapers and men of other sections use our county as a model in arousing an interest in the cause of road building in their sections. The tol-Iswing compliment to our county appeared in the Oregonian of last Sunday. This compliment is the more appreciated by the advocates of good roads from the fact that the Oregonian has been a staunch supporter of the cash road system and it is doing a splendid work in arousing the people of Oregon to adopt this system in all the counties.

The only error the Oregonian makes is its statement that our road work is carried on by the old system of working out the road taxes. The fact is we have the cash system and all road taxes are paid in with the other taxes. All road work is paid for line on that day as well as all the national in cash. When the Oregonian looks up the Oregon road laws and compares them the guard from all the adjoining states. A with even those of the most progressive states it will agree with the ENTERPRISE that this state has the best system :

A curious and interesting controversy has sprung up between the Oregon City ENTERPRISE and the San Francisco Argonaut over the merits of the Oregon road the imposing ceremonies attending the law. Clackamas county, as everybody in Oregon has long been 'aware, is the storm center of good-roads agitation in this part of the world. Perhaps we ought to qualify this assertion, for Clackamas has not been so much noted for agitation as for achievement. While other counties organized road clubs, held conventions and laboriously hewed out and dragged together newspaper articles on road reform, old Clackamas simply built roads. Nature blessed Clackamas county with rocky hills and deep gorges, and probably that is the reason she has good roads. If she had the plains of Marion or the flat bottoms of Lane, her farm wagons might to this day have been crawling along in mud and water up to the hub, as wagons do along the lazy Long Tom. So as we go to the Alps for highways that have stood the wear and the weather for hundreds of years, in Oregon we go to rocky Clackamas to learn roadmaking. This is the county that has given us our two road laws--the Meldrum law, which has been in force for many years, and the Cross law of 1893.

t tax list for 189 he says that the trussing of the bridge, had to be published and will appear this week it not been for the accident, would have in the Herald. Sheriff Grace found that lasted from two to five years longer. The the sale attempted by his predecessor, Sheriff facts of the case, as can be proven by an in- Maddock, was so illegal that he was unable spection of the timbers removed from the to make the sales stand in law and to give bridge in making the 'repairs, is that the perfect title to the property so sold. As a 2nd wind storm was the means of preventing a consequence the county court ordered him more serious accident for many of the to re-advertise and make another sale and timbers were so rotten in the tennons that being a populist he gave it to his party pathey would not have much longer supported per. This will entail an additional cost to

all armed and ready to strike at an instant's

the taxpayers of Clackamas county of \$600 There is more politics than a desire for or \$800, for the list is very nearly as large but few have paid their taxes, thinking that after it had once been advertised an sold the costs would be no greater if they let it stand until such time as they could conveniently raise the money. With the \$1286 which Maddock and the Three Sisters-Press robbed the taxpayers of and the double expense of posting notices on the property by the sheriff and the other fees and perquisites will make the total cost of collecting the tax for 1896, over \$3000. It is little wonder that Clackamas county is getting into debt deeper and deeper.

THE magnificent monument erected in

that city, to the memory of General Grant, to human life. Therefore I would most is to be dedicated on Tuesday of next week. urgently recommend that you cause the The exercises are to be on a scale befitting same to be removed at once. the great commander and it will be the greatest military pageant witnessed in this country since the grand review in Washington at the close of the war. Over one-third of the United States regular army will be in guard of New York and the greater part of great naval demonstration will also be made participated in by the United States warships and many yessels beloning to foreign countries. President McKinley, his cabinet, many members of congress and the diplomatic corps will be present and assist in placing in their final resting place of the remains of America's greatest soldier.

Two clips of wool were sold at Heppner 834 cents. This wool was sold on the sheep's back, and will be delivered in May. The same clips last season brought 51% and 7 cents. An eight cent tariff on wool would be a big thing for the wool interests of the country, and would not be felt by the consumer of manufactured woolens. The tariff on the wool in a suit of clothes would be about 25 cents.

From Cripple Creek.

took a very severe cold and tried many may be well grown by the time the remedies without help, the cold only be- weather permits their planting out of coming more settled. After using three doors. Jos. Collins, of the Clackamas small bottles of Chamberlain's Cough greenhouse has a fine selection of cab-Remedy, both the cough and cold left bage, tomato and other plants now growme, and in this high altitude it takes a ing which he will guarantee to be permeritorious cough remedy to do any fectly hardy and strong. He also has But when the Oregon City ENTERPRISE good .- G. B. Henderson, editor Daily lettuce and other early vegetables now undertakes to convince the Argonaut that Advertiser. For sale by Geo. A. Harding. ready for table use.

Maximum 15.12 lbs. on 918 62 sq. ft.

equivalent to IS880.53 lbs. Acting upon areas so constructed as to throw the strain upon the 80 bolts by throw the strain upon the 80 bolts by which they are secured to the upper chords of a breaking strength of 8.83 tons each, or a total of 706.40 tons. I.—Average 0.506 lbs. on 35.80 sq. ft. equivalent to 18.12 lbs. Maxmum 15.12 lbs. on 35.81 sq. ft. equivalent to 541.45 lbs. ...-Totals. Average 0.506 lbs. on 954.43 sq. ft. equiv-alent to 482.94 lbs. Shop in Caufield building

alent to 482.94 lbs. Maximum 15.12 lbs. on 954.43 sq. ft.

equivalent to 14430.98 lbs. Acting upon the truss at the connection of the posts with the upper and lower chords which are directly and amply secured by angle irons bolted to cords and posts and also indirectly by the diagonal rods, and then by bolts to the transverse girders, hence leaving no question as to the wind having its full effect upon the entire structure.

CONSTRUCTION OF THE BRIDGE.

The bridge is simply constructed to withstand possible storms of this vicinity with no allowance for the adding in the least to the surfaces.

DEDUCTION.

Then to add 954.43 sq. ft. for the wind to act upon, which gives in velocity used a pressure of 14430.98 pounds does not appear Riverside park, New York, by citizens of safe to me, either in a financial sense or as

REMARKS.

There appearing to be a great deal of alarm in regard to the bridge I will hereto attach a few remarks which I trust will not be considered by you as out of place.

It is perfectly safe to say that if the wires had not been on the bridge all of the timbers would have been safe for two years yet and a large majority for five, for the truss ing being perfectly braced to withstand all strain for which it is called upon, there is no occasion to be alarmed at the fact of Portland, partial decay and throw away from two to five years wear.

This may seem strange to you after seeing how some of the timbers were decayed but the fact is that the trussing, in a true sense, is not a part of the bridge proper, and to suppose that it is liable to give way with-Monday, one for 7 cents and the other for out you have perfectly sound timber is erroneus, for the trussing does not add in the least to the carrying capacity but instead detracts just its weight, its sole purpose being to stiffen it.

Respectfully submitted, C. H. Ison.

April 13th, 1897.

Vegetable Plants.

To have an early and successful garden here in Oregon it is necessary to have After the big fire in Cripple Creek, I plants started in the hot house that they

And all kinds of small machines put in good order. No work to difficult to undertake. Prices reasonable.

Near Court House.

HELLO

Umbrellas, Guns,

Sewing Machines,

1800 miles of long distance telephone wire in Oregon and Washington now in operation by the Oregon Telephone and Tel-

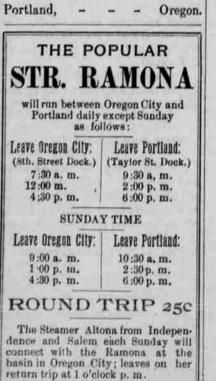
egraph company. Portland, Seattle, Spokane, Tacoma, Salem, Walla Walla, Pendleton, Albany and 96 other towns in the two states on the line.

Quick, accurate, cheap All the satisfaction of a personal communication. Distance no effect to a clear understanding. Spokane as easily heard as of the Pacific Coast Portland.

-Oregon City office at-

Huntley's Drug Store.

J. H. THATCHER, MANAGER,



The Marketing Point OF CLACKAMAS COUNTY

The factory towns of the East are noted for affording the best market to the neighboring farmers and gardeners in proportion to the population of any of the towns in that section. The reason for this is that the people of these towns have a fixed income upon which they can always depend, and, as a consequence, they are liberal buyers, paying cash for all their purchases.

As the Great Manufacturing Center

Is Coming to be One of the Best Marketing Towns in the State

.. OREGON CITY ..

This is proven every day by the number of farmers, who are to be seen on its streets selling their produce, who, until just the last few years, sought the markets of other towns. The system of macadamized roads that is being built into all parts of Clackamas county, will enable all the people of this county to share in the profitable market that Oregon City affords. If, as it is sure to do, the demands of Oregon City increase in the next five years as it has in the past five years, this city will rank next to Portland as a market place for

THE PRODUCE

