

Engineer Wygant Presents Figures

Newport, Or., Jan. 25, 1910.

Editor LEADER:—In response to the request of the members of the Toledo committee on "Port of Yaquina Bay Commission," expressed at the meeting of the Commercial Club of Newport, I herewith give you my calculations and estimates on the cost of dredging a channel from near Winant at the end of the 15-foot waterway to the dock in Toledo.

It is agreed that a vessel carrying 500,000 to 600,000 feet of lumber must be provided for. Such a vessel is from 175 to 190 feet long and draws about ten feet loaded. Consequently the channel must be at least 10 feet deep at low water—giving her the advantage of the 7.1 feet average high tide to handle herself. The width of the channel must also be at least 75 feet, of course 100 feet would be better, but this could be provided for by having that width in the turns of the channel. I have drawn a map on a large scale of Yaquina Bay from Mill creek to the bar, a distance of about 15½ miles. I have only attempted to estimate on the channel from Toledo to Winant. The depths of water figured upon were carefully gone over by both Captain Jacobson of the Newport and Captain R. A. Bensell, the oldest pilot on Yaquina Bay. I have from the data thus obtained made the following estimate:

From the Ry. bridge above Winant S. E. across bay to old shipyard will include, 700 ft earth excavation by 75 ft. by 5 ft. 11380 cu. yds. Rock excavations, 300 ft. by 75 ft. by 3 ft. 2130 cu. yds. From rocky point near Mill 4 station to across bay, 400 ft earth by 75 by 5 feet 5555 cu. yds. Rock 200 by 75 by 5 1555 cu. yds. From Hansen's dock up to beyond Fray's house, earth 6000 ft by 75 ft by 6 feet 101852 cu. yds. From Altree mill to Fir & Spruce mill, earth 2500 ft by 75 ft by 7 ft. 48611 cu. yds. Or a total excavation of

Earth, 167398 cubic yards
Rock, 3685 cubic yards
Earth excavation may be figured at 10 to 15c. per yard, to be safe I have chosen 15c. Rock excavations in water can not be done for less than double the cost of rock on land. This I figure at \$2.50 per cubic yard, which is none too little. This makes the cost,
Earth, 167398 cu. yds.
at 15c per yard . . . \$25,767.50
Rock, 3685 cu. yards
at \$2.50 per yd. 9,212.50
Total cost, \$34,980.00

Of course this is only a preliminary estimate, with such data as could be obtained without an actual survey. However, as the estimate of the U. S. engineers in 1899 was for this work, approximately \$30,000, and as the Bay has shoaled more than the extra \$4,900 of my estimate, I think I may safely state that if the "Port Commission of Yaquina Bay" can obtain the loan of the Government dredge which was loaned to Coos bay and to Shoalwater bay, that the channel can be made for not over \$40,000.

That the formation of a Port Commission similar to the Port of Portland Commission can not be of great and lasting benefit to the Bay vicinity and Lincoln county in general will not be disputed by any man who has the business capacity necessary to buy a dollar's worth of sugar, say.

Had you had such a commission in 1905, at the last visit of

the Board of U. S. Engineers, you would not have been turned down.

Very truly,
MORRIS WYGANT, C. E.
City Engineer Newport, Oregon.

Mr. and Mrs. C. G. North returned Saturday evening from Portland. Mr. North came through by team, bringing several horses.

Mrs. C. G. Copeland returned Saturday evening from a visit to the Valley. She went to her home at Siletz Monday morning.

S. H. Conibear of Mill City visited his brother, W. H., and family in this city over Sunday, returning to his home Monday morning.

Mr. and Mrs. Fred Stanton returned Monday from Spokane, Washington, where they had been called by the serious illness of their daughter, Flora.

The Fir and Spruce Lumber Company received a car load of oils, tools, and other camp and mill supplies last Monday evening. Several wagon loads were taken out to the Olalla logging camps.

Married—At Portland, Oregon, January 19, 1910, Miss Caddie Hooker and Mr. C. C. Woodworth. The bride is the daughter of Mr. and Mrs. A. O. Hooker, and is well and favorably known, having resided here for years, where she has many friends who wish her much happiness. Mr. Woodworth is an electrician and is employed in Portland where they will make their home.

Just arrived my large assortment of up to date shoes of all kinds. Call and see them. T. P. FISH.

The particular man demands particular attention! You can get it at Depot Barber Shop, Toledo, Ore., near boat landing. Shaving 15c.

STOMACH TROUBLE CURED.

If you have any trouble with your stomach you should take Chamberlain's Stomach and Liver Tablets. Mr. J. P. Klote of Edina, Mo., says: "I have used a great many different medicines for stomach trouble, but find Chamberlain's Stomach and Liver Tablets more beneficial than any remedy I ever used." For sale by Toledo Drug Co.

I have closed out all wax cylinder records at 10c each. That's more than they are worth when compared with Indestructible records, the kind I will continue to keep. H. L. Veit, Eddyville.

A SPRAINED ANKLE.

As a rule a man will feel well satisfied if he can hobble around on crutches in two or three weeks after spraining his ankle, and it is often two or three months before he is fully recovered. This is an unnecessary loss of time, as by applying Chamberlain's Liniment, as directed, a cure may be effected in less than one week's time, and in many cases within three days. Sold by Toledo Drug Co.

Notice to Bidders.

Newport, Oregon, January 12, 1910.
Notice is hereby given that sealed bids will be received by the County Court of Lincoln County for the construction of roads in Road District No. 18, as per specifications contained in Resolution passed by voters in said Road District and on file in the County Clerk's office. The following specifications for work, to be completed by August 1, 1910.

Beginning at the east end of dike on land of J. Shinar, at mouth of J. Sijota slough, and completed to Petros camp on Siletz River, on right of way of wagon road as surveyed and accepted, to be slashed, graded, drained and bridged, a roadway 16 ft wide and slashed 12 ft each side of roadway, bridges to be 12 ft wide. Bids may be made for East and West half of road, by designating the starting and finishing points.

Bids are also asked for the completion of dike Also for work on Cance Landing and Roots Road, to begin at the end of work which is near the three mile stake and completed to the end of survey, a distance of about 4½ miles. From the three mile stake to the five mile stake to be as follows: Slashed, grubbed and bridged, the roadway to be grubbed to a width of sixteen feet and slashed twelve feet on each side of roadway, grading only in low or wet places and at each end of bridges. From the five mile stake the improvements will be on the new survey to the township line between township 8 south and township 9 south, range 10 west, the work to be as follows: Graded 12 feet wide and slashed 20 feet on the upper side of roadway the bridges to be 12 feet wide. Each mile of work may be bid on separately. All bids to be presented on or before February 10, 1910.

J. C. ROBERTSON,
Road Supervisor.

This is the time to go to Newton & Nye

and see about your

PLOWS
HARROWS and
CULTIVATORS



We also carry all kinds of Hardware,
Doors and Windows, Lime and Cement
and all kinds of Fencing

Newton & Nye



The Charm

of a
Pretty Mouth

is irresistible, and those who allow decayed teeth to mar its beauty are almost criminal in their negligence, when our perfect crown and bridge work will restore it to its pristine loveliness. Our methods for extracting teeth are painless, and our work in all lines of dentistry is perfect, our prices moderate.

NORTH THE DENTIST

NOW AT MERCHANTS HOTEL, TOLEDO, OR.

Relinquishment in Siletz wanted. From owner only. Address Box 204, Springbrook, Oregon.

Wanted.

Men to cut cordwood; will pay by the cord or will give good contract for large amount. TOLEDO LIGHT & POWER CO.

You will find an assortment of Columbia Indestructible cylinder records, both two and four minutes. The only indestructible records on the market. 35 and 50 cents each at H. L. Veit's store, Eddyville, Oregon.

Hides Wanted.

Cash paid for hides at the Toledo Tannery. We pay as much as any body in town. TOLEDO TANNERY. Sweedish shoe grease at Newton & Nye's.

CAME NEAR CHOKING TO DEATH

A little boy, the son of Chris. D. Peterson, a well known resident of the village of Jacksonville, Iowa, had a sudden and violent attack of croup. Much thick, stringy phlegm came up after Chamberlain's Cough Remedy. Mr. Peterson says: "I think he would have choked to death had we not given him this remedy." For sale by Toledo Drug Co.

TOLEDO LIVERY STABLES



R. N. WARNOCK, Prop.
Good Rigs and well-broken Saddle Horses
Special attention given to Traveling Men.
Horses Boarded and given Good Care
Operates Toledo-Siletz Stage
City Draying in Connection

Drs. F. E. & M. C. ADAMS Dentists

Mutual Phone, both offices No. 151.
NEWPORT and TOLEDO.
AT TOLEDO Friday
AT WALDPOR Thursday noon to Saturday.
Our Motto: A Pleased Patient Our Best Advertiser.

G. B. MCCLUSKEY
ATTORNEY-AT-LAW
Toledo, Oregon

O. MIDDLEKAUFF
Law, Real Estate and
Insurance—
TOLEDO, OREGON

I SELL

Charter Oak Ranges, Cook and Heating Stoves—cheapest and best in the World

Also a fine line of Glass and Crockery Ware

FURNITURE, FURNITURE,
FURNITURE

At Greatly Reduced Prices
A. ROSEBROOK
TOLEDO, OREGON

SUMMONS.

In the Circuit Court of the State of Oregon, for the County of Lincoln: Felanise Munger, Plaintiff, vs John W. Munger, Defendant.

To the above named defendant, John W. Munger: In the name of the State of Oregon: You are hereby required to appear and answer the complaint filed against you in the above entitled Court and suit, now on file with the Clerk of said Court on or before six weeks from the date of the first publication of this summons, to-wit: on or before the 11th day of February, 1910.

And you are notified that if you fail to appear and answer the said complaint as herein required, the plaintiff will apply to the Court for the relief prayed for in said complaint, to-wit, for a decree of said Court dissolving the marriage contract now existing between the plaintiff and defendant; and further, that plaintiff be restored to her former name, to-wit: Felanise Eddy, and for such other and different relief as to equity seemeth just.

This summons is served upon you by publication thereof by order of Honorable Chas. H. Gardner, County Judge of Lincoln County, Oregon, made on the 20th day of December, 1909 directing publication thereof once a week for six consecutive and successive weeks in six issues thereof, beginning with the issue of December 31, 1909, and ending with the issue of the 11th day of February, 1910, in the Lincoln County Leader, a weekly newspaper of general circulation, printed and published at Toledo, Lincoln County, Oregon.

Date of first publication December 31, 1909.
G. B. MCCLUSKEY,
Attorney for Plaintiff.

NORM'S POOLROOM



Pool, Billiards,
Card Tables,
Bowling Alley,
Candy, Cigars,
Fruits, Nuts,
Soft Drinks.

M. N. ANDERSON, Prop.
TOLEDO, OREGON

Harness, Harness, Harness.

I am now prepared to furnish harness, heavy and light; all kinds of straps, robes, etc. My leather is my own tanning and is not tanned by the "quick process." Machine and hand work, all guaranteed.

J. O. SMITH,
Toledo's Tanner and Harnessmaker

C. J. SMITH REALTY CO.

WALDPOR, OREGON

Dairy and Stock Ranches
City Property; De Lava Cream Separators
Underwood Typewriters
Rubles Third Addition to Waldpore

Lots in this beautiful addition now on sale at prices ranging from \$45.00 up, according to location. Come early and get the best selections.

FEVER SORES.

Fever sores and old chronic sores should not be healed entirely, but should be kept in healthy condition. This can be done by applying Chamberlain's Salve. This salve has no superior for this purpose. It is also most excellent for chapped hands, sore nipples, burns and diseases of the skin. For sale by Toledo Drug Co.

Shoes of very size, pattern and quality at Fish's store. See this line before buying those school shoes.

A WILD BLIZZARD RAGING

brings danger, suffering—often death to thousands, who take colds, coughs and lagrippe—that terror of Winter and Spring. Its danger signals are "stuffed up" nostrils, lower part of nose sore, chills and fever, pain in back of the head, and a throat-gripping cough. When Grip attacks, as you value your life, don't delay getting Dr. King's New Discovery. "One bottle cured me," writes A. L. Dunn, of Pine Valley, Miss. "after being 'laid up' three weeks with Grip." For sore lungs, Hemorrhages, Coughs, Colds, Whooping Cough, Bronchitis, Asthma, it's supreme. 50c., \$1. Guaranteed by Toledo Drug Co.

For Sale.

Several good milch cows for sale. Enquire at this office.

Get the Habit and go to Al's Smoke House cafe. Meals at all hours—day and night. Red hot Chicken Tamales a specialty.

NOTICE FOR PUBLICATION.

U. S. Land Office, Portland, Oregon.

Notice is hereby given that Arthur W. Ackerman, of Glen, Oregon, who, on March 3rd, 1903, made homestead entry No. 14764, serial, No. 02381, for n½ of sec. 4, nw¼ of sec. 4, nw¼ of sec. 4, Section 29, township 12 south, range 9 west, Willamette Meridian, has filed notice of intention to make final five year proof, to establish claim to the land above described, before Ira Wade, County Clerk, of Lincoln County, Oregon at Toledo, Oregon, on the 22nd day of February, 1910.

Claimant names as witnesses: J. W. Davenport, T. L. Bohannon, C. W. Brown and George W. Davenport, all of Glen, Oregon.

CHAS. B. MERRICK, Register.

SAVED AT DEATH'S DOOR.

The door of death seemed ready to open for Murray W. Ayers, of Transit Bridge, N. Y., when his life was wonderfully saved. "I was in a dreadful condition," he writes, "my skin was almost yellow; eyes sunken; tongue coated; emaciated from losing 40 pounds, growing weaker daily. Virulent liver trouble pulling me down to death in spite of doctors. Then that machless medicine—Electric Bitters—cured me. I regained the 40 pounds lost and now am well and strong." For all stomach, liver and kidney troubles they're supreme. 50c at Toledo Drug Co.