

**INDUSTRIAL NEWS OF OREGON, WASHINGTON, IDAHO**

**LAKEVIEW EXPECTS RAILROAD THIS FALL**

General Manager Duniway Tells Public Meeting of Construction Plans.

(Special to The Journal.)  
Lakeview, Or., July 21.—The railroad will be into Lakeview by September 1, and the large area awaiting development will be opened to the markets of the world. When people understand what you have in cheap lands or government lands, the population of Lake county will increase rapidly. In this strain General Manager T. J. Duniway of the Nevada-California-Oregon railway, addressed the people of Lakeview in the new courthouse. That the company means business is beyond doubt, as the general manager had made a trip here to look over the field. Manager Duniway stated that he had just inspected construction camp. This road had established within seven miles of town and there was no doubt that they would have the last section of the line graded and ready for the rails when the others were laid. Alturas, Cal., which has been the terminus of the line for years, will lose that honor August 15, when train service will be established to Davis Creek, at the lower end of Goose lake.

**PUMPING PLANTS OFFER SAFE IRRIGATION METHODS**

(Special to The Journal.)  
Ontario, Or., July 21.—Progress has been made in irrigation development by means of the installation of pumping plants in the immediate vicinity of Ontario, which will mean the reclamation of 15,000 acres of valuable land that up to the present time has been lying dormant on account of the lack of water. This development has been made possible by the power lines that have been put in by the Idaho-Oregon Light & Power company, the enterprising business men of Ontario and vicinity who have financed these projects. Pumping plants have been installed by E. H. Greig capable of watering 1000 acres; A. N. Soliss has installed a pump with one half the capacity of that used by Mr. Greig; Willis Park & The company addition are each watered by private pumping systems; Ward Canfield and J. E. Long are watering 150 acres east of town, and David Dunbar and J. D. Stone are improving large tracts on Morton Island, two miles from Ontario.

**KENNEWICK BRICK PLANT SELLS 1,000,000 BRICK**

(Special to The Journal.)  
Kennewick, Wash., July 21.—Orders for a million brick have been booked here by the Twin City Brick & Tile company since the first of the year. This big increase in business over last year is due to the erection of new school buildings in the Columbia river valley. Material was furnished here for the handsome new school building at Mabton and the plant is now turning out brick for the \$60,000 high school building in Pasco and a similar building in Richland. Other buildings for which material has been or will be furnished are the new depot, which is nearing completion, the plant of the Columbia River Valley Creamery company and the big community warehouse which is to be erected in this city.

**MARSHFIELD MUD FLATS TO BE FILLED BY DREDGER**

(Special to The Journal.)  
Marshfield, Or., July 21.—Four blocks in the main part of Marshfield is to be filled to the proper grade as soon as the dredger Oregon, now at work on the lower Coquille river, is brought back to this port. The dredger will deepen the channel in front of Marshfield and the dredgings will be piped to a part of the city which is built on the mud flats. The city is having the four blocks inclosed with bulkheads so that the dredgings can be confined. The houses in this territory have been raised to the grade of the street. A large portion of Marshfield was originally built on the mud flats. When the dredger was at work here a year ago much of this territory was filled and now more is to be treated in the same manner. Eventually all of the low part of the city will be brought to grade by means of the dredger.

Lay Cornerstone August 4.  
(Special to The Journal.)  
Ontario, Or., July 21.—The cornerstone for the \$40,000 Catholic hospital will be laid August 4. The site is a five acre lot on the hill west of town, overlooking the town and giving a magnificent view of the surrounding country.

Begin Work on Street Paving.  
(Special to The Journal.)  
Independence, Or., July 21.—A crew of men and mule teams arrived here last evening from Portland and work on the street pavement will be commenced in the morning. They will pave Main street first.

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**HARDWOOD FORESTS FOR IDAHO HILLS**

Important Experiments in Reforestation Begun in the Coeur d'Alene District.

(Special to The Journal.)  
Wallace, Idaho, July 21.—Arranged in orchard like regularity there are 80 full acres of hardwood seeds planted, according to W. W. Morris of the local forestry office, who has just completed his calculation of area. The walnut, hickory and oak seeds over these acres are placed in parallel rows four feet apart. Four feet separates each seed. The new forests, should these experiments prove successful, will resemble the rancher's garden more than the native timber lands of today. The two tracts just planted are on Placer creek, near Wallace, and the north fork of the Coeur d'Alene, near Beaver station. The average altitude of the first and smaller tract is 3300 feet. The Beaver station tract, which contains five acres, is planted at an average of 2500 feet.

**IRRIGATE FRUIT TREES WITH SPRAYING OUTFIT**

(Special to The Journal.)  
The Dalles, Or., July 21.—Dr. G. E. Sanders, who has a large pear orchard on Three Mile creek, is trying a novel orchard experiment. Because of the intense heat and lack of moisture in the atmosphere, pears have ceased growing. Dr. Sanders proposes to supply moisture by spraying his trees with water each evening after the sun goes down. His theory is that at this stage of the growth of the fruit it draws 99 per cent of its sustenance from the leaves, and if there is a shortage of moisture in the air the fruit is not supplied with sufficient water, and hence ceases to grow. If by spraying the trees with water, which he believes will be absorbed by the leaves and transmitted to the fruit, he succeeds in growing perfect fruit, he will have demonstrated a new idea in fruit culture.

**OREGON ELECTRIC TRAINS TO REPLACE RIVER BOATS**

(Special to The Journal.)  
Independence, Or., July 21.—It is understood that the Oregon Electric Railroad company has practically obtained the right of way along the east bank of the Willamette river for the extension of the road to Albany and southern Oregon points. There is talk of making a station two miles below Independence. In this event, Skinner Brothers will discontinue their boat service to Salem, and will run both boats between here and the station, meeting all trains, which will require 12 trips a day.

**HILLSBORO-BEAVERTON POWER LINE UNDER WAY**

(Special to The Journal.)  
Oreoc, Or., July 21.—An electric power line is being built through here from Hillsboro to Beaverton. Electric power and light will be furnished for manufacturing plants and dwellings in Hillsboro, Reedville, Oreoc, Beaverton and other villages, and settlements along the route. Farmers also are expected to use the service for lighting purposes.

**Invents Turning Lathe.**

(Special to The Journal.)  
Centralia, Wash., July 21.—D. L. Cahalan, a resident of Centralia, has invented a patent column turning lathe that is receiving much attention from various machine men in this section of the state. The machines are being manufactured in Centralia, numbers of them already having been sold.

**Improving Woodland Streets.**

(Special to The Journal.)  
Woodland, Wash., July 21.—After some delay the work of putting the crushed rock on Davidson avenue is progressing nicely despite the exceedingly warm weather that has maintained for a few days. The big steam roller

has arrived and will thoroughly roll the main part of the thoroughfare before the rock is placed on it and will also do the same after the rock is in place.

**TELEPHONE LINES WILL CONNECT TIMBER AREAS**

(Special to The Journal.)  
Marshfield, Or., July 21.—A telephone line is being extended to the Loon lake country. The long distance lines extend only from this city to Allegany and to some of the ranches beyond. The owners of the Coos Bay-Drain auto line have cooperated with the farmers and have started a new line which will run from Allegany through Loon lake to Scottsburg. An exchange will be maintained at Allegany. Many telephone lines are being built this year by the Coos County Fire Patrol association to reach isolated timber districts, so that it will soon be possible to reach any part of the county by telephone.

**OXBOW TUNNEL PROJECT MAY BE FINISHED SOON**

(Special to The Journal.)  
Baker, Or., July 21.—It is reported that the financial difficulties of the Oxbow tunnel project on Snake river have been overcome and work will be resumed. A million and a half has been already spent in tunneling through the Oxbow curve. Two million and a half will be required to complete the project. A dam 1040 feet in length and 56 feet in height will be constructed and a power plant, the foundations of which have already been placed, will be built.

**CENTRALIA WILL HAVE LARGE PASSENGER DEPOT**

(Special to The Journal.)  
Centralia, Wash., July 21.—The plans for the new passenger and freight depot, roundhouse, machine shops and additional trackage for Centralia are practically completed, and it is expected that construction will begin in about 30 days. The plans provide for additional tracks between the passenger depot and the roundhouse, thus giving ample room for all lines to handle the business. A complete water system for the yards, roundhouse and depot is also set forth in the specifications.

**ORCHARD TRACTS PRODUCE PAYING CROPS OF FORAGE**

(Special to The Journal.)  
Medford, Or., July 21.—J. A. Westlund on his western Oregon orchard tracts is this year demonstrating the value of farm products grown between his rows of young trees. Mr. Westlund is now harvesting an immense grain crop while later in the season he will gather pumpkins, corn and the like. He expects to take over \$8000 this season from the orchard tracts, none of the trees being in bearing.

**New Billing Device.**

(Special to The Journal.)  
Freewater, Or., July 21.—W. C. Goodman and Frank Shore, conductor and motorman on the express running between Walla Walla and Milton-Freewater, have made application for a patent on an express receipt billing machine, which they claim will be a time saver and will also take a carbon copy of way bills.

**Elgin to Build City Hall.**

(Special to The Journal.)  
Elgin, Or., July 21.—Elgin is to have a \$12,000 city hall, which will be built of brick and native stone. The building will be two stories high, 50x105 feet, and will contain, besides the city offices, an open house with a seating capacity of 500 people. The building will be heated by steam, and will be modern throughout.

**Change in Dray Business.**

(Special to The Journal.)  
Hood River, Or., July 21.—The Fashion Livery company and the Livery & Transfer company have made a "swap" of business. The Fashion Livery company will do all of the livery business while the Transfer company will do all of the dray business.

**Raising Onions at Hermiston.**

(Special to The Journal.)  
Hermiston, Or., July 21.—Walter Lloyd has been bringing into Hermiston some of the finest onions that have been seen on the project. He has an acre of land in the vegetable and has already sold to the stores in Hermiston over 70 dozen bunches of green onions.

**COOS COUNTY WILL BUILD HIGHWAYS**

Commissioners Plan to Connect Old Roads to Marshfield and North Bend.

(Special to The Journal.)  
Marshfield, Or., July 21.—The county commissioners have granted a petition for the opening of roads on the east side of the bay which will connect highways now in use and will give the farmers of a large territory a wagon road to the cities. There are several rivers emptying into the bay on the east side and those who live along these rivers have access to the city only by means of river boats. The plan is to build about 18 miles of new road which will connect a number of the old roads. All will center at Cooston where the county will put in a ferry to run to North Bend. The territory around Allegany is only reached by the Coos river boats. The road there will be connected so that it will be possible to go from this city to Drain by wagon road. The new road will not only greatly shorten the time for autos running between this city and Drain but it will also be of vast benefit to scores of ranchers who are now entirely dependent upon the boats for marketing their produce. The county surveyor will begin at once making an estimate of the work and much of it can be done this year.

**LEWIS COUNTY PURCHASES GOOD ROADS MACHINERY**

(Special to The Journal.)  
Chehalis, Wash., July 21.—A movable gravel plant has been purchased by the Lewis county commissioners at a cost of \$2300. It will be used by the board in road construction and repair work in various parts of the county. Much good road work is being done this season and a great deal of crushed rock from the state crusher at Meakill is being used.

**Sawmill Busy Again.**

(Special to The Journal.)  
Milton, Or., July 21.—The Blue Mountain sawmill has been closed since last fall started work again this week under the management of C. W. Avery.

**Mistakes May Happen**

to you,—as they do to everyone. If you eat too fast, do not masticate properly, or take food that does not agree with you, digestive derangements are almost sure to come, and indigestion generally leads to very serious physical troubles.

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