

ROAD IMPROVEMENT.

COLONEL R. W. RICHARDSON ON THE CONSTRUCTION OF HIGHWAYS.

They Must Be Built to Last, He Says, and Then Takes Care of-Advices the Voting of Bonds to Carry on the Work.

At the Kansas good roads convention Colonel R. W. Richardson, secretary of the National Good Roads association, delivered the principal address. Among other things he said: "Good roads must be founded as firmly as a man's character if he wants good results therefrom. You must build well; you must build deep; you must build for days to come. You must care for a road every day and must never go away to let it take care of itself. It must be nurtured to strength, solidity and firmness, and then it will last like a great and good character."

"Be sure of getting a good berm or embankment on both sides to serve as walls for the bed. Make the bed into an oval shape, considerably higher in the center. Before spreading either rock or gravel roll firmly. The roller will find all of the weak places, and then these can be filled up. If this is done conscientiously there will then afterward be no breaking down of the concrete. It is a mistake to make the road too thick. While it does no harm, it is an absolute waste of material. I was surprised when down at Fort Scott to find that the road there was being made eighteen inches in thickness. The majority of the roads are now being made only nine inches in thickness, while many are being made not more than six inches."

"The point is not quantity, but quality. Make six inches of roadbed properly and it is better than sixteen or eighteen inches poorly constructed any time. Let me plead with you to get experts to build your macadam roads. Get men who know their business. Spend your money properly at the start and then you will have no trouble."

"Now, there are two ways of paying for a road—by the voting of bonds and by direct taxation. While I do not want to arbitrarily advise following the former, it has big advantages, and the principal one is that it makes money available at once. Then, too, it must be remembered that in the building of a road it should not all be laid upon the farmer. That is unfair and unjust and is a burden to him. Besides, the value of a good road is apparent to a man living in town just as well as one living in the country. In fact, it affects the city man more acutely."

"A farmer can practically come to the city when he pleases, for he always has enough provisions to supply him for his immediate needs, and can wait for clear skies and better roads. But the man in the city who deals in farm products, as many do, must turn his money quickly. He must sell his goods in their season. Margins are small, and quantity determines his wealth. Therefore it must not be forgotten that the merchant in the city should feel it is just as incumbent upon himself to see that the roads in the country are good as the farmer who must always use them to get to town. "Don't forget another thing when you go to lay out a road. Don't forget that you have a right of eminent domain to choose the route of the highway. A railroad has that same privilege. Did you ever see its engineers just take a line and follow it regardless of the natural advantages. But that is done in a section line road. Just because the land is measured off

in a certain way the road must follow it, not because of any law or reason, but because of custom. You have the right of eminent domain to choose the line which a road shall follow, and when you build a new one remember that."

Employ Competent Men. Competent men should be employed to survey and lay out roads and to construct and maintain them, for it is folly to employ an incompetent person to do such work and expect satisfactory results. It is no uncommon thing to see a novice in road construction make the ditch on the wrong side of the road, and if you ask such a man why he didn't ditch the road he will very positively tell you he did. Yet it would seem that even the horses and mules that travel the road would know better. Ditches should always be on the high or hill side of a road, and when the land is level both sides should be well ditched, for ample drainage is absolutely necessary in keeping up a dirt road. Dirt roads should be worked in the early summer, and not in late summer or fall, but repairing should be in order at all seasons.—A. Speaker at National Good Roads Convention.

Plow Narrow Country Roads. A movement is on foot in Illinois to reduce the width of country roads from sixty to forty feet. The farmers are especially in favor of this project on the ground that under present conditions much of the roadway is covered with weeds which scatter their seeds over adjacent fields. Another argument in favor of the narrower roads is that the cost of macadamizing and maintenance is less.

Business Lost by Impassable Roads. A committee from the Commercial club of Falls City, Neb., appeared recently before the county board to see if something could not be done to improve the bottom roads. This action is said to be due to the fact that hundreds of dollars' worth of business is lost each year on account of the impassable condition of the roads leading into the city, the business going to the smaller towns.

Last Hope Vanished. When leading physicians said that W. M. Smith of Pekin, Ia., had incurable consumption, his last hope vanished; but Dr. King's New Discovery for consumption, coughs and colds, kept him out of his grave. He says: "This great specific completely cured me, and saved my life. Since then I have used it for 10 years and consider it a marvelous throat and lung cure strictly scientific for coughs, sore throats or colds; sure preventative of pneumonia. Guaranteed, 50c, and \$1.00 bottle at all druggists. Trial bottle free."

Watermelons

FOR THE Lewis & Clark Fair

Grants Pass melon growers have bought more than 150 pounds of melon seeds from Smith—That means a good many carloads of melons for the Fair, and still they buy. We have only Choice Seed for the Garden and Farm. The Hardest, Earliest and most Productive to be bought. Try Seeds bought from

A HEAVY MOHAIR CROP

Year's Clip in Oregon Will Aggregate About 575,000 Pounds.

The great mohair harvest of the state is over and it is estimated that the clip this year will aggregate from 550,000 to 575,000 pounds, which is a slight increase over the crop of last year. The market, too, for this high grade and much-demanded product has opened up well and 80 cents a pound is being paid at the present time, which is considered a high average price.

This is another of the many products in which the state of Oregon excels, the Oregon mohair being classed as the very best on the market and it commands the highest prices. It is chiefly a Willamette valley product as it is raised most extensively, almost exclusively in Polk, Yamhill, Marion, Washington, Benton, Linn, Lane and Douglas counties. There are a few small and scattering herds of goats in Eastern Oregon, but the attention of the stock men there is devoted principally to raising sheep and cattle rather than goats.

This is an industry which does not increase very rapidly, not so much as in the case of sheep, because the goat is not as hardy an animal, especially when young, as the kid's require great care and attention in raising until they arrive at a certain age, when they are more hardy than sheep. The goat industry is perhaps one of the least expensive of any in the state, therefore making the profit all the greater. The greater portion of the expense in raising goats is in the taking care of the kids, as they are very delicate when extremely young. About 75 per cent of the kids that are born are raised to maturity.

The market is strong and with a slight upward tendency. The usual annual pool of the mohair has been formed by the Polk and Yamhill county Mohair Growers' Association, the aggregate holdings of the two pools amounting to about 80,000 pounds which is about the same as that of last year. This pool will be placed on the market at Dallas on April 1. They are always successful as the growers usually receive from 2 to 4 and 5 cents above the market price.

\$750 takes six room house with one lot on North side of Railroad. See Joseph Moss.

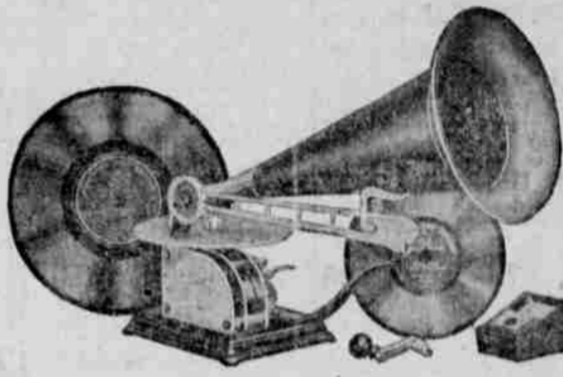
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Only One Machine to a Family



Remember it is not a toy with a squeaking record, but is mechanically perfect and durable. Also bear in mind that the records are vastly superior to the cylinder records, and are far more durable. Come to the store and let us explain the plan to you.

Call at our store and hear this new and wonderful invention play. Learn full particulars and take advantage of this rare opportunity to secure a high grade talking, singing and playing machine absolutely free.

Come to our store and hear all the late Popular Music and Songs of the Day, and you'll see as fine a stock of

Men's and Boys' Clothing, Furnishing Goods, Etc.

As you'll find in Southern Oregon, at the Correct Price. We are not undersold by anyone.

GEO. S. CALHOUN CO.

GRANTS PASS, OREGON

TO PREVENT DECAY.

Cleanliness is the First Step for the Preservation of the Teeth.

The liability of the teeth to decay varies in different persons, but it is seldom that even the weakest teeth could not be saved by cleanliness, says the Youth's Companion. The beginning of decay in a tooth consists in the eating out of the lime in the enamel by lactic acid. This acid is the result of fermentation of the starchy food particles left between the teeth or between the loosened gum and the neck of a tooth. In order to prevent its formation, the mouth should be rinsed after each meal with an antiseptic wash. A solution of borax in lukewarm water makes a serviceable mouth wash, and there are many other kinds to be had in the drug stores. But a word of caution is necessary here: An astringent mouth wash, contrary to the usual belief, is not good for long continued use, for it may cause retraction of the gums and consequent loosening of the teeth. The teeth should be brushed at least twice a day, and in the evening some dentifrice had better be used. Dentifrices act mechanically—that is, they scour; or chemically—that is, they cleanse and purify by killing disease germs; or they may act both mechanically and chemically. Most of them contain antiseptic substances, and usually some soap.

The scouring properties of dentifrices are due to precipitated chalk or magnesia, with some aromatic substances added to give a pleasant taste. Sometimes powdered charcoal or pumice is added to give more grit; but this is not desirable, for it may scratch the enamel or work down beneath the gum and lift it from the tooth. Many dentifrices contain both a mechanical cleanser, such as magnesia or chalk, and a chemical purifier, such as soap, thymol or boracic acid. After the use of any dentifrice the mouth should be thoroughly rinsed in order to remove all solid particles from between the teeth or beneath the edge of the gums. The coarser food particles should be removed (in private) after each meal by means of a quill or wooden toothpick, dental floss silk or a small rubber band.

In addition to this personal attention, one should have the mouth inspected every year or oftener by a dentist, that the tartar may be removed and any possible decay detected and treated.

Rheumatism Pains Quickly Relieved. The excruciating pains characteristic of rheumatism and sciatica are quickly relieved by applying Chamberlain's Pain Balm. The great pain relieving power of the ointment has been the surprise and delight of thousands of sufferers. The quick relief from pain which it affords is alone worth many times its cost. For sale by all druggists.

Kerby Notes.

Dr. Ellis Brown has returned here to wait on her little nephew who is very ill.

John Turner of this place has consummated a deal for the Brown town stage and mail contract.

Mrs. Carter the mother of Mrs. Whipp died April 6th. We sympathize with the bereaved.

We are in receipt of a letter commending our stand for a better Kerby. Accompanying this letter is a scathing acrostic, which we think may well find a place here, as it comes from the widow of one of our war veterans. She is the mother of a growing family, with a mother's anxiety for their safety. Other women have written letters to the inn keeper. Grief of Perdition and despair, Road that conducts to regions drear, Oh! wretched pace where souls are killed, Ghostly abode with devils filled.

Sink of all sin kept by a fiend, Heals all supplying constant fiend, Of all the ills on earth combined, Perfect damnation here we find. Signed—Temperance Sowell

Mr. King, organizer for the order, Women of Woodcraft is in town campaigning. He expects to bring in at least 18 more members. The members held a meeting in the W. O. W. hall, to consider ways and means for reaching the end desired. Subscribers.

A. U. BANNARD—UNDERTAKER.

To Enlarge Chautauque Building.

The Southern Oregon Chautauque board of trustees, at a meeting held in Ashland Tuesday night, decided to enlarge the Chautauque building. They will also grade the lot, back the rear end of the building and make a 30 foot addition. This will give the building a seating capacity of over 2100 people, an increase of 70 per cent. Two new entrances will be made and the stage may be enlarged and an entrance cut in the rear of the platform. It is estimated that the cost of the addition will be in the neighborhood of \$1000. Work will be started in the near future. Permission was given the local band to erect a band stand on the Chautauque grounds.

FARM FOR SALE—two miles from Merrill, 100 acres—about 50 acres of good bottom land, 25 acres in cultivation, small house and barn and about 50 acres under fence, balance of land suitable for orchard or pasture. For further particulars address W. M. Crow, Merrill, Oregon.

E. A. WADE

DRY GOODS, UNDERWEAR, NOTIONS, Etc. Front Street, west Palace hotel GRANTS PASS, ORE.

Frightful Suffering Relieved.

Suffering frightfully from virulent poison of undigested food, C. G. Gray, a son of Lulu, Miss., took Dr. King's New Life Pills, "with the result," he writes "that I was cured." 25c at all druggists, guaranteed.

Lumber and Hops

Don't place an order for your house lumber until you get my prices. They will surprise you. I have two new houses for sale. Terms to suit

J. D. DRAKE, Grants Pass, Ore. Phone 484.

FARMERS FEED STABLE

J. E. KERLEY, Prop. Last stable south on Sixth street. Room under cover for 150 horses and 40 wagons. Box stalls. Corral for loose stock. Only the best hay, clean grain and alfalfa fed. Rolled barley and other grain. No diseased horses allowed. Pour running water, and trough cleaned every day. Waiting room and toilet room where ladies can leave wraps and arrange their toilets. Prices reasonable and best care given stock.

...Remember...

The Grants Pass Music House

Has removed to the Courier Building, Ground Floor Where you can find a full assortment of

Violins, Guitars, Mandolins, Banjos

STRINGS, MUSIC AND SUNDRIES.

Sheet Music—We have a large stock of music to select from—nearly 1500 pieces of vocal and instrumental music. If we do not have in stock just what you want we will order for you. Sheet Music sold at half price and as low as 10 cents. Mail orders given prompt attention.

Report for March.

NAME	MAKE PURCHASED
W. H. Jordan	Wellington piano, oak case
D. W. Mitchell	Packard piano, walnut case
Roy Estes	Kingsbury piano, mahogany case
R. L. Coe	Ludwig piano, rosewood case
Adam Schaffer	Piano-cased Packard organ
A. W. Sturgis	Hardman piano player
I. L. Train	Mason & Hamlin organ
Mrs. J. I. Keenan	Cornish organ

Instruments to Be Sold in April

- Let us put your name in this bargain finders list.
- A colonial style Cable in mahogany
- A Cable piano in dark oak case
- An Everett piano in mahogany
- A Smith & Barnes piano in walnut
- A Wellington piano in mahogany
- A Wellington piano in oak
- A Hamilton piano in mahogany
- A Kingsbury piano in mahogany
- A second-hand Fischer piano
- A second-hand Sherwood piano
- A second-hand Kimball piano
- Two New Estey organs
- A new Hardman Piano Player

Our Fiscal Year Ends May 1st

and we intend doing all we can in price concessions to insure selling every Piano and Organ in the above list during April. The best bargains of this present year can surely be had by seeing our salesman, J. M. Ward, at once.

EASY TERMS ON ANYTHING YOU WANT.

ALLEN & GILBERT RAMAKER CO. PORTLAND, OREGON, and SEATTLE, WASHINGTON Southern Oregon Agency Courier Block, Grants Pass