

ROAD BUILDING A SCHOOL STUDY

Plans of an Oregon District
Supervisor.

A PRIZE COMPETITION.

An Interesting Experiment Making
Road Building a Course of Study in
Rural Schools is to Be Made in Lane
County, Ore.

Road building as a course of study in rural schools is to be tried in a district of Lane county, Ore., and a woman is to direct the work. The idea was conceived by Miss Goldie Van Biber, the district school supervisor, says a recent report.

Actual road building is the laboratory work which will accompany this course. The children of each school will build and maintain a strip of country road near the school building. The school whose road stands and is found in the best condition when winter comes will be the winner of a contest for which two silver cups have been offered as prizes.

"I was afraid that the county court might not allow me to experiment on the roads, but it has even authorized the supervisors to furnish rock or gravel, handle powder and do the work that children could not do alone," said Miss Van Biber.

The county court saw in the scheme of Miss Van Biber a plan to establish the fundamentals of good road building in a new generation and at the same time interest the present generation in the principles of drainage and highway construction, which the children learn at school. It has entered into the plan with enthusiasm.

Miss Van Biber has jurisdiction over 700 square miles, extending into Lincoln, Lane and Douglas counties. All the year, by horseback, boat or on foot, she travels over the rough mountain highways and up along the small rivers. She introduced manual training in the Sluslaw schools, and exhibits of handicraft, sewing, carpentry and bead-work from Florence took first prizes at the county fair, ahead of the Eugene and advanced Valley schools. She installed the industrial work and put it under proper supervision. Road building is her next step.

Speaking of her plan, she said: "This is no scheme to work children on the roads. They will care for only 100 yards, and not necessarily that much, if the district road is difficult. The road building is not to be taught by the teachers, because the average teacher is not qualified to teach road building."

"We shall organize a good roads club in each school. We shall give the scholars credit for the hour or more a week that they spend on the roads. Those who undertake the road work, which will be purely optional, will be excused from studying the road chapter in the agricultural manual. The whole plan is to arouse interest in roads and give adequate instruction, and the already overworked teachers will not be burdened with this additional work."

"Of course all districts will not be able to participate, because many schools are built on trails. They have no roads on which to work. Possibly these districts can compete for the prize by laying out and actually building a piece of road past their school."

ROADS AND LIVING COST.

Cost of Hauling Big Factor in Expense
of Farm Products to Consumer.

Until very recently the vast majority of people failed to understand that the good road is not a mere country dweller's convenience or the means to motorists' pleasure, but that it is an actual economic necessity. That it costs the farmers of this country more for a ten mile haul of produce from farm to town than it does to ship that produce from New York to London is a fact. That it costs farmers abroad from one-half to one-tenth as much to haul a ton a mile on a road as it does the farmers of this country is another fact.

That practically every pound of flesh and bushel of wheat we consume must travel over a road at least once and sometimes twice before we eat it is a third fact. The three are the answer to one part of the question. "Why does it cost so much to live?" Some one has to pay for the expensive hauling. Some one has to pay for the depreciation in the value of the horses and vehicles caused by poor roads. Some one has to pay for the extra time it takes to haul cotton to market when two mules are required to haul two bales ten miles in one day, when on a good road the same two mules could haul twenty-four bales in the same time with the same effort.—Suburban Life Magazine.

New Roads For Wisconsin.

More than \$4,000,000 worth of new roads, about 1,400 miles, will be built in Wisconsin in 1914, announces the state highway commission. This is 500 miles more than were built in 1913, in which more than \$3,000,000 was spent.

The state will distribute among the counties about \$1,250,000. Requests for more than \$1,550,000 of state aid have been made, but the state will fall short by \$300,000. This amount will be made up by the counties. More than 1,400 separate pieces of road were completed in 1913.

Give the poultry access to charcoal

and also a chance at coal screenings. They relish and make good use of them.

CARE OF LEATHER BELTS.

Castor Oil an Excellent Dressing to
Keep Belting Soft.

A leather belt should be kept soft and pliable. There are several belt dressings on the market which are used to keep leather belts in good condition. It is doubtful if any of them is better than castor oil. Spread the oil as thinly as possible over the pulley side of the belt and allow it to soak in before starting the engine. Repeat in two or three days if necessary.

Never use rosin to keep a belt from slipping, as it hardens and cracks the leather.

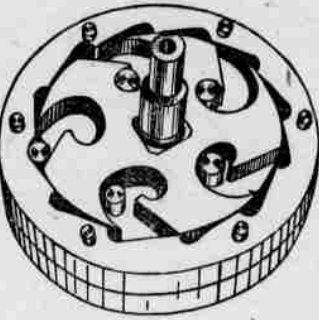
When a belt squeaks it is slipping. This should be stopped as soon as possible, as the slipping may generate enough heat to scorch the pulley side of the belt, making it short lived.

Common leather belting should not be used for outside work unless protected from moisture. A leather belt is made up of short pieces of leather glued together. Under continued dampness these may become unglued. There are brands of belting on the market, however, that are claimed to be moisture proof.

WORKS BY GRAVITY.

Gearless Differential Mechanism Without
Pawls or Springs.

In the operation of the differential mechanism shown in the illustration dependence is placed on gravity and not on pivoted pawls and springs as



GEARLESS DIFFERENTIAL.

In most devices of this kind. The device is an adaptation of the ratchet and pawl principle and can be used on motor vehicles of all classes. When the vehicle is started from rest the inner member rotates a short distance until one of the loose pins drops into position. As the inner member can move no farther, it carries with it the outer member and the driving sprocket.

Putting on Tire Chains.

A good and cheap way to fix a set of chains that are hard to put on is to purchase four good, strong snags at the hardware store. One snag should equal the length of the links to be removed. Fasten all the cross chains as though they were on the tire and then proceed by cutting the two side chains, removing the two links from each side, and in their places put in the snags. After fixing the chains for both wheels in this manner they are ready to put on. Lay them flat upon the ground, back the car over them, bring the two ends around the wheel and snap. This completes the job and is well worth the time it takes to fix them.

Platinum Not Popular.

There is a general feeling that manufacturing jewelers find platinum too expensive for general use in jewelry, and rumors within the past few months intimate that the electrical manufacturers have found a substitute which answers their purpose very well. Experiments in the latter direction have been progressing for some years, and they seem to have been crowned with more or less success. The automobile industry is still using platinum and iridioplatinum sparking points, which creates a demand that a few years ago was not in evidence. This is a considerable consumption. Every magnet has a pair of platinum points or buttons which completely wear away in two to four years of use.—Engineering and Mining Journal.

Dispelling Cooking Odors.

To do away with the odors from cooking and the impure air in restaurants, just before serving the meals fill a bowl with steaming hot water, place it in the center of the room and pour in a few drops of oil of lavender. The oil is easily handled, is nonpoisonous and can be purchased at any drug store. It is inexpensive, as a few drops in each bowl are sufficient to deodorize a large room. The bowl may be removed after all the oil is evaporated. The process works equally well in private kitchens and dining rooms.

Arnold's Attractions.

Mr. Harry Snow, representing the Arnold Amusement company, was in Dallas on Saturday conferring with the management of the Polk County Fair association with a view to bringing his attractions here during fair week next fall. Arnold's amusements are not unknown to Dallas. This year's shows are said to eclipse in point of merit anything heretofore put on the road by Mr. Arnold.

Never plant young trees among old and diseased ones, because the worms and insects are almost certain to destroy them.

And the navy now recalls the Ancient Mariner's famous plaint.

Many a man loses more time trying to save a nickel than it would take him to earn a dollar.

REPUBLICAN VOTERS SHOULD BEWARE

Party Should Be Represented
on National Committee
By a Republican

The Republicans of Oregon are entitled to have a Republican named as the National Republican Committeeman from this State. C. W. Ackerson, who claims to be a Republican, is a candidate. He registered as a Progressive January 8, 1914. Then signed petition of H. W. Coe to be Progressive National Committeeman. Then cancelled his registration as a Progressive and registered as a Republican and immediately filed his candidacy for membership on Republican National Committee. Has been an intimate and convenient understudy of the Progressive National Committeeman and seems now to be in combination with him in an attempt to shanghai the Republican organization. His candidacy is being actively backed by parties hostile to the Republican party and having personal interests and private personal grudges to serve. His erratic and excitable temperament has frequently led him to flood the columns of the press with violent attacks upon the Republican party and vicious personal abuse of prominent Republicans and life-long residents of the State.

It is a grave abuse for parties who are not Republican to register as such. It is a graver abuse for outsiders to attempt the capture of a political party to gratify a personal grudge and to promote party discord. It is an abuse against which fair-minded men of all parties will rise in protest. We can never have a reunited party by pushing to the front political hotheads and men who are political reformers simply for the sake of office. Having been a Republican only twenty-four hours when he announced his candidacy for the highest honorary position in the gift of the party, is some indication of what Mr. Ackerson's motive was in registering as a Republican. As Hon. Ralph E. Williams is the only Republican who is a candidate for Republican National Committeeman, we feel warranted in urging all loyal Republicans in the state to give him their earnest and enthusiastic support.

CHAS. B. MOORES,
(Chairman of Republican State Central Committee.)

M. B. McFAUL,
(President Lincoln Republican Club.)
McKINLEY MITCHELL,
(President of Portland Republican Club.)

C. M. IDLEMAN,
(President Multnomah Republican Club.)
(Paid Advertisement.)

Mother's Day Observed.

Sunday was Mother's Day, and was generally observed at the Dallas churches by the ministers preaching special sermons and with special music. The white carnation, the emblem worn in remembrance of mother, was considerably in evidence. The idea of setting aside a day each year out of respect to mother, first conceived by Miss Anna Jarvis of Philadelphia, a few years ago, has grown until today it is nation wide.

Experience is valuable, provided you can sell it for more than it cost you.

An old grouch is as good as a new one, so why trouble to break in a fresh one?

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Maybe You Were One of Them

Were You Cheated

into believing that because a baking powder foamed up over the top of a glass when water was added, that it was a good, pure and strong baking powder?

It foams because it contains ALBUMEN (sometimes called the white of egg.)

ALBUMEN in baking powder is no help in the baking.

It does not make a stronger or better baking powder.

It deceives the consumer when she sees it foam in the glass.

State after state has ruled that baking powder mixed with ALBUMEN is illegal and has stopped the sale of the stuff.

United States Government authorities have declared that the water glass test is a fraud, and that albumen does not help the baking.

Food commissioners North, South, East and West have denounced the albumen fraud.

DO NOT LET FAKIRS FOOL YOU.

The manufacturers of K C BAKING Powder have never found it necessary to resort to such fraudulent methods.

K C BAKING POWDER Contains No Albumen

It is a pure food baking powder, sold at an honest price and no better can be bought at any price.

25 Ounces for 25 Cents—ASK YOUR GROCER

ENTIRE STOCK
OF DALLAS'
PIONEER STORE
GOING

READ PAGES 6 AND 7

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that Pure Milk is Essential
to Perfect Health?

Protect your children with
Absolutely Sanitary Milk
from
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WILL BRING RESULTS