

TWO

HIGHWAY TO BE WIDENED FROM 40 TO 80 FEET

State Asks For More Land East of Springfield

NEW ROUTE IS SURVEYED

Line Being Run From Point East of Springfield Straight to Thurston

The Lane county court will be asked to obtain additional right of way on the McKenzie highway all the way from Springfield to Thurston, a distance of five miles, to widen it from 40 feet to 80 feet, according to Ray Klein, state highway engineer, and J. S. Sawyer, district engineer, who were here yesterday conferring with the members of the Lane court regarding future construction on the highway and other work in Lane county.

The state highway commission is anxious to begin work on this highway this year it was stated, and action is awaited on the outcome of the special election for the levying of a two-mill special tax to cover the county's share of the expense of construction. The election will be held on the date of the May primaries. It is also planned to vote on a special two-mill levy for the county's share of the cost of the completion of the Willamette valley-Florence state highway.

New Route Surveyed
Engineers from the state highway commission have been at work on the survey between Springfield and Thurston for some time. Drawings shown in the office of County Engineer Morse yesterday indicate that it is planned to run a straight line from the end of the east and west tangent east of Springfield to Thurston, eliminating four sharp turns that now exist in the highway.

A great deal of new right of way will have to be obtained under this plan, it was pointed out by members of the county court. This will have to be secured by the county and will entail the expenditure of a great deal of money. Owing to the fact that the county has little money for this purpose it has been suggested that the old route be followed and that the four sharp turns be widened so that they will be safe to negotiate at ordinary high speed. A few hundred dollars for the purchase of three cornered pieces of land at the turns would be the only expenditure necessary, it was stated.

Whether the state commission would be satisfied with this plan or not, is a question, according to members of the court.

Other Sections Included
Other sections above Thurston as far as Nimrod will be included in the construction project if these bonds carry and the entire McKenzie highway will then be in the hands of the state. The county would thereafter be relieved of the responsibility of maintaining it. The state would take over all this work and the highway would extend from Eugene to central Oregon would be one of the finest in the country. The state invariably maintains the surface of its macadam in such condition that often they are a great deal better for automobile driving than pavement.

CLERKS ELECT OFFICERS

ASSOCIATION CHARTER TO BE HELD OPEN

George Klehm Named President of Protective Association at Meeting Last Night

Members of the Eugene Retail Clerks' Protective association last night elected and installed permanent officers, at a meeting held in the Modern Woodmen of America hall.

The charter was received in the city during the week, and will be left open for the present. Meetings will be held on the first and third Thursdays of each month.

Officers are: George Klehm, president; Thor Barker, vice-president; G. S. Wright, financial secretary; Bert Rogers, recorder; Hans Bertelsen, guide.

By-laws are being worked out by a committee appointed some time ago.

Energy From Sun May Perform World Work

Men May See Sun's Rays Driving Wheels and Factories and Keeping Homes and Offices Warm Without Steam.

People now living on the earth may see the day when the sun will begin to work for them like a giant laborer doing all the tasks on a farm 195,340,000 square miles big.

They may see the sun's rays driving the wheels of their factories, furnishing the power that makes their clothes and automobiles, keeping their homes and offices warm without steam or fire, running their trains, growing vast new forests of timber, cultivating vegetables the size of mountains, taking them out of a sooty and nervous civilization into an era of cleanliness and quiet and serenity.

And, if this is accomplished, a vast area of the earth's surface will change its appearance. Instead of chimney-stacks and ugly buildings, the horizon will gladden with forests of glass-towering tubes of glass, great domes of glass, flat roofs of glass stretching for miles over the plains. Huge jars of glass bending over orchards and farms thousands of acres in extent.

The glass tubes, domes, jars and roofs will be the machinery science is now trying to invent for controlling the rays of the sun and diverting them to any purpose man wishes.

Dr. Giacomo Ciamician, distinguished scientist of Bologna, pictured such a fantastic future for the earth in an address delivered a few years ago before the eighth international congress of applied chemistry. He saw the glass forests harnessing solar energy for man.

Then his vision was considered, all but preposterous. But now, from the Smithsonian institution, comes hope that Dr. Ciamician's

Wins Canadian Dog Derby



Emil St. Goddard, famous dog team driver, won the annual The Pas dog derby by a margin of two and a half minutes. The course is 96 miles and the finish was one of the closest in history.

prediction may be partially fulfilled in this generation.

Would Harness Solar Energy

Smithsonian experts, it is reported, are on the eve of perfecting a device for generating electricity by catching and utilizing the rays that come from the sun. And Dr. H. W. Thatcher, of the New York agricultural experiment station, announces that he and his colleagues have discovered some of the steps in the process by which a plant cell drinks in the sun's rays, and have artificially duplicated some of the steps in the plant's growth.

What the results of these discoveries, if they are practically applied, will mean to man can be imagined when the fact is considered that, so far, human civilization has made use almost exclusively of fossil solar energy, roughly speaking, is a term applied to energy stored up on the earth's surface by the sun. Coal is fossil solar energy. So are dead leaves. The sun helped to make them, and the energy the sun put into them benefits man when he burns coal and dead leaves.

But, through the ages, men have had indifferent success when they tried to use the sun's rays directly. Man could bask in the warmth of the sun. He could benefit by the sun's light. He could enjoy the fruits and vegetables the sun's rays helped to grow. But these things were nature's gift. Nothing man did mattered one way or the other in bestowing them or taking them away.

In parts of the world some householders heat water for domestic use by placing metal tanks on roofs of buildings. Caves have been known where eggs were tried in the sun in very hot regions. But that is about as far as man could go in harnessing the sun. He tried hard to use the sun's heat for generating steam. But, even in the sophisticated civilization of today, he could find no way that was successful.

There, some ninety-three millions of miles away from him, blazes this great ball of fire that sometimes warms him and sometimes shines on his crops and sometimes hides its face.

Reclaimed Land Bought

(By The Associated Press)
CHILLIWACK, B. C., Feb. 3.—T. A. Lively, company of Washington and Oregon has purchased 800 acres of reclaimed land north of Sumas, Wash., from the British Columbia land settlement board, for hop raising. The company, which is headed by H. N. Ord, of Portland, has taken an option on 800 acres more adjoining the property. The company has announced its intention of becoming incorporated under Canadian laws.

Farewell Party Held

(Register Lane County Special)
PLEASANT HILL, Ore., Feb. 4.—A farewell party was given by the Christian Endeavor society of this place at the home of Mr. and Mrs. M. E. Hayes Wednesday night for Laurence Smith, who leaves soon. A very enjoyable evening was spent.

Cars Will Be Sold

(By The Associated Press)
MEDFORD, Ore., Feb. 4.—Judgment against four automobiles confiscated for transportation of liquor in this county, were filed yesterday in circuit court and their sale by the sheriff at a date unfixed, ordered.

Read Register Classified Ads.

SEAMLESS STEEL TUBES USED AS SHELL CASING

Off-Hand Suggestion Simplifies Old Problem

OUTPUT IS SPEEDED UP

Innovation of Turning out Casings Regarded as Long Stride in Preparedness

(Correspondence of the Associated Press)
WASHINGTON, Feb. 4.—An apparently off-hand suggestion by shell-making dropped casually into an army ordnance experts meeting, may serve to simplify Uncle Sam's whole problem of having at hand enough big gun projectiles to shoot up any enemy who obtained opportunity to obtain a footing on American soil.

Experiments already made indicate a wholly practical way of turning the American peace-time production of 350,000 tons of seamless steel tubing every year into a war output of shell casings up to 10-inch caliber at a rate of thousands per day without additional machinery.

All shell casings used during the war or manufactured since were turned to size, pointed on one end and squared off on the other in lathes, then bored out. It is a long, hard manufacturing process. It took terrific drive in the war to speed up the output of any single factory to 200 or 300 shells a day.

At a meeting of ordnance men, a reserve officer who is a steel plant man in civilian life, asked, in discussing shell turning facilities, why it would not be possible to spin them hot out of whirling, red-hot seamless steel tubes which are produced commercially for gun use in virtually all sizes for the artillery up to 10 inches in diameter. Experiments were started voluntarily to test the scheme. While the war department is not in a position to make any definite announcement it looks as though a long stride in national preparedness had been made.

They just cut 'em off like sausages," is the way one officer described the new process.

Even the necessity of boring out the squared and pointed ends after the spinning in order to make a place for the explosive charge and fuse has developed a new angle of its own. It appears in practice that impurities in the metal are forced toward the center by the spinning process and when this is cut out by boring the impurities are removed automatically.

The ten year ammunition reserve project of the war department is based on storing \$300,000,000 worth of small arms and artillery ammunition, the oldest projectiles and cartridges to be fired away each year and replaced with new stock. If the spun shell case plan works out and a system for fast loading, fuse making, landing, etc., is developed to supplement it, presumably a material reduction could be made in the stored reserves as the twelve month delay in procuring projectiles in sufficient numbers after war is declared now controlling the department's plan, would have been scaled down.

The best way to acquire a host of friends is to be a host yourself.

Old-Time Dance

EVERY SATURDAY NITE

W. O. W. HALL.

Under Private Supervision

First Class Music by the DONALD OLD-TIME ORCHESTRA

also Entertaining Musical Songs.

PUBLIC INVITED

A novel read and loved by all—NOW A PICTURE OF GLORIOUS ROMANCE

Norma Talmadge

in "Graustark"

with EUGENE O'BRIEN

Presented with a beautiful prologue

"IN A GARDEN OF ROSES"

NOW PLAYING

MCDONALD THEATER

Hollywood Cup

A Substitute for Coffee Takes Los Angeles By Storm

Hollywood Cup, is a coffee substitute made in Hollywood where the demand has been so great that the Hollywood Cup people have been swamped with orders.

We are not surprised at its early popularity. We have tried it ourselves and we heartily approve, indorse and recommend it to our customers.

Hollywood Cup is made from pure dehydrated fruit and cereals only. It protects your health; tastes like coffee, without that ill effect. Hollywood Cup is not a stimulant, therefore, restful nights and steady nerves. One pound of Hollywood Cup will go just as far as one pound of coffee and it costs 20% less per pound. It is prepared as coffee is—percolate 8 to 10 minutes or boil 5 minutes over a flame.

We are quite confident you will like Hollywood Cup. You owe it to yourself to try it at least.

For New Food Products Watch the Table Supply

We are constantly trying new food products—getting samples and trying them ourselves before we attempt to put them before our customers. We pick only the best.

Any new food that comes on the market, if it is dependably good, can be secured here. Every effort is made to keep absolutely up-to-date on such things. If you can get it anywhere, you can get it here.

Phone Phor Phood

On such stormy days as we have had the last two or three days, it is much more comfortable to stay in the house than to go down town to do your shopping. Let your phone do the shopping for you. Order your groceries and meats over the phone. Even on more pleasant days it is just as convenient and as satisfactory, and it allows you more time for other things.

High Quality Meats

Meats that are dependably high in quality are much safer and far more satisfactory. It should be a policy of yours to buy your meats at this shop, because you are sure of getting only the best.

Do your ordering early tomorrow as the meat market closes at 6 p. m.

Table Supply Co.

A FOOD DEPARTMENT STORE
Cor. 9th and Oak Telephone 246

GOOD BAKINGS

If you want bakings that are perfect in taste and tenderness—that are pure and wholesome, use

CALUMET
THE WORLD'S GREATEST BAKING POWDER

SALES 2%, TIMES THOSE OF ANY OTHER BRAND

TEST BY TEST

COURT GETS DEMURRER

MAN SEEMS DAMAGES FOR INJURY IN ELEVATOR

(By The Associated Press)
MEDFORD, Ore., Feb. 4.—A demurrer was filed in the circuit court yesterday in the \$45,000 suit for alleged damages for injuries received by G. A. Albright, former Roseburg, Ore., and Dunsmuir, Cal., Southern Pacific train dispatcher, against the Holland hotel of this city. The demurrer holds that the reply is not sufficient to constitute a defense. The suit grew out of an elevator accident in February, 1924, when Albright sustained injuries to his leg while

rescuing his young son, who started the lift in play.

The claim of the defense of "contributory negligence on the part of Albright," is controverted, on the grounds, "that when a loved one is in peril, a parent takes no cognizance of risks to self."

MRS. W. F. WARFEL DIES

PRESIDENT OF JASPER HILL ONLY FEW DAYS

Mrs. W. F. Warfel, resident of Jasper, died at the Pacific Christian hospital last night following a short illness. Mrs. Warfel underwent a major operation at the hospital yesterday, and passed away at 11:30 p. m.

No funeral arrangements have been made. The body was taken to the Venton funeral home, where it will be prepared for burial. A date for the funeral will be announced later. Mrs. M. D. Mitchell, who is a sister.

Read Register Classified

Old-Time Dance SATURDAY NIGHT EAGLES HALL 325 Willamette SPECIAL ADVERTISEMENTS

Eugene Store and Motor Stores

GRAY'S CASH & CARRY

Springfield Cottage Grove

Oregon Broccoli

Beats the World!

Fresh from the farm—Trimmed close

Per pound only **10c**

ORANGES

(Oregon Lumber goes to California)

California Prosperity Helps Oregon

Our Car-Load Buying Makes Our Prices the Lowest for

SWEET JUICY FRUIT

1/2-Crate \$2.25 Whole Crate \$4.50 By the Dozen 25c to 58c

BUTTER

Per pound

NUCOA

Per pound

Will keep for weeks in a cool place, per lb.

25c

SUGAR

Fruit or Berry, 100 lbs. \$5.75

18 Lb. \$1.00

These Prices Good—

Friday, Saturday, Monday

Fresh Meat

Baby Beef Roast, lb.

Baby Beef Hamburger, lb.

Breakfast Bacon, lb.

Picnics (Extra nice) lb.

Salt Pork, lb.

Candy:

Marshmallows, plain or toasted, per pound
Plain Mixed, 2 pounds 25c
Chocolate Drops, pound

It Always Pays to Trade at Gray's

FRIDAY AND SATURDAY

FINAL CLEARANCE

Before Moving to

OUR NEW STORE

Number 8 East Ninth Street

Boudoir Pillows Of jewel cloth and dimity. Values 75c to \$1.25 Removal Sale Price 50c	Crib Sets Attractive designs by Baby's Boudoir. Values \$2.50 to \$4.00. Removal Sale price \$1.50	Irish Crochet Lace Edging \$1.10 Value, per yard Removal Sale Price 75c
Doilies A wonderful assortment to choose from. Values 50c to \$1.00. Removal Sale Price 25c	Baby Rattles Values 75c to \$1.00. Removal Sale Price 25c	Insertion \$1.50 Value, per yard Removal Sale Price \$1.00
Luncheon Sets Former price \$1.25 to \$2.50 Removal Sale Price 85c	Children's Half Sox Size 4 1/2—35c value— Removal Sale Price 25c	Filet Lace 75c Values, per yard Removal Sale Price 49c
Package Goods Pacific Embroidery, La. Merle and Baby's Boudoir Removal Sale Prices Reduced 1/2	Baby Bonnets Some of them slightly soiled Removal Sale Price 25c	Kerchief Squares of Pure Linen Former price 35c Removal Sale Price 20c each 50c
		Bear Brand Yarn 45c Values, per yard Removal Sale Price 10c

Prices Reduced 1/2

Coats, Capes and Wool

Dresses

Sizes 2 to 6 Years

Just a few are left and these are further reduced to UNBELIEVABLY LOW PRICES.

DON'T FAIL TO VISIT OUR

10c Counter

WONDERFUL BARGAINS

Ladies', Girls' and Baby

Boudoir Dresses

Regular price \$4.95

For two days only **\$2.75**

Frances Art & Baby Shop

632 Willamette