

## IMPROVED HIGHWAYS

### Government Takes a Hand in the Matter

#### FURNISHES INFORMATION

### Practical Instructions Sent Out By Department of Agriculture

Inasmuch as one of the greatest needs of a new country is good roads, we are pleased to inform our readers that we have been fortunate enough to make arrangements whereby the United States Office of Public Roads will supply this paper with practical articles on various features of road building and maintenance, which will be published from time to time. Our subscribers are urged to give this matter careful consideration and are requested to forward to this office for transmission to the office of public roads any practical question which they desire answered relating to road construction and maintenance. Questions and answers will be published by this paper at suitable intervals. The article printed herewith deals with the maintenance of earth roads and is of especial interest to this county, where country roads are extensively used.

The writer says: "We may recognize the value of hard and durable roads in all parts of the country, but the fact remains that for a long time to come the majority of the roads will be composed of earth. Furthermore, in about nine months out of the year, the earth road, if properly cared for, is reasonably satisfactory. For many agricultural districts, it is the only road at present available. Hence, these communities should set themselves seriously to work to learn the best methods of maintaining earth roads and of getting the maximum service from them. Prosperity comes to the country to a great extent through the prosperity of the farmers. This fact strongly suggests the importance of giving the earth road every possible care and attention in its location, drainage, construction and maintenance."

"An earth road composed of water-holding soil should be exposed to the sun and air as freely as possible, as comparison between the shaded and sunny portions of such a road will easily indicate. This should be accomplished by clearing a sufficient amount of trees and undergrowth away from the road. It must be remembered, however, that sandy and gravelly roads require moisture, and in these cases some shade should be retained. Furthermore, trees are beneficial along river banks and on steep grades subject to washing.

"Drainage is one of the most important points to consider in connection with an earth road. The majority of earth roads in all mountainous and hilly districts have too much drainage. Occasionally a road will be found with five ditches, three in the middle made by the horses' hoofs and by wheels of the vehicles, and two on the sides. All well-constructed earth roads are supposed to

have no more than two ditches, one on each side of the road by giving it a crown or elevation in the center of 7 1/2 inches above the top of the inner slope of the ditch for a 20-foot road, and where the hills are a little steep make the crown 10 inches. With a crown of about 1 inch to the foot from the center to the sides, the ditches which are often built across the road on steep grades to deflect the water will not be needed. Instead of carrying water across the road in open ditches, tile or concrete drains should, if possible, be provided. They should have sufficient capacity and fall to carry the maximum amount of water that is expected to flow through them at any one time. The capacity is increased in proportion to grade; for instance, 12-inch pipe laid on a one per cent grade will carry 1800 gallons per minute, while the same pipe laid on a 2 per cent grade will carry 2500 gallons per minute. Furthermore, a culvert laid flat will soon fill up, while one having a good incline will keep itself clear.

"In the maintenance of an earth road, avoid the mistake of changing the natural order of things. Naturally the soil is found on top and the clay on the bottom. If this order is reversed in constructing a road, the result will be less satisfactory than if the soil be left at the top of the road, for soil makes a better surface to a road than clay. If the road bed is largely clay to start with, it will be well to place sandy soil or clean sand on top. A covering of 6 to 10 inches of sand upon clay that persists in breaking up into deep mudholes will usually be satisfactory, and if sand enough be added, this clay will cease to make mud. If the roadbed is composed of sand it can be improved by an application of clay.

The rule for a serviceable earth road, then, is as follows: Make ditches on each side and keep them open; haul sand and gravel upon sections needing this treatment; use a road machine and a split log drag judiciously (full description of which will be contained in a later article); follow the "stick in time" rule and give an earth road the same careful persistent attention you would give your prize acre, factory or store, and it will pay as large a profit in proportion to your individual outlay."

### Musical Club Recital

The first open meeting of the Tuesday evening Musical Club was held at the Klamath Conservatory of Music last night.

The club is composed of the majority of the musical talent of Klamath Falls, and its object is the mutual benefit and enjoyment which they can give one another.

A large crowd of invited friends greeted the club and one of the most enjoyable musical programs ever given in Klamath Falls, was rendered. Every number was encored. Mrs. G. T. Pratt and Miss Evelyn Applegate, who is president of the club, gave piano solos, and the vocal soloists were Mrs. T. W. Zimmerman, Mrs. Jessie Brock Morgan, Roy G. Walker, Mr. T. W. Zimmerman, Mrs. Don J. Zumwalt, and Rev. Geo. T. Pratt.

Miss Elsie Applegate delighted the audience with a beautiful violin solo. The program also included a reading by Prof. C. A. Howard.

Mr. Howard's dialect readings are especially fine, and he captured the audience with his encore, "The Moo-cow-moo."

The program closed with a vocal duet beautifully rendered by Miss Mae Duest and Mr. Barge Mason.

The evening was one of pleasure and showed what an array of talent is found in Klamath Falls.

### MORE CANDIDATES

#### Last Week's List is Added To and More Yet to Come

The mention made last week of the probable candidates for office had the effect of stirring the friends of other gentlemen, and this week the Republican presents to its readers the names of L. F. Willis for state senator, W. P. Rhodes, of Merrill, for county clerk, and C. J. Swingle, of Langell Valley, for county commissioner. Of course, none of these gentlemen have signified their intention of being candidates for the office mentioned and are simply being urged to do so by their friends. It is one thing to be a candidate and another to be urged to be one. On the old principal that it is the early bird that catches the worm, it is getting close to the time when those who seek to nominate ought to make known their intention to do so.

B. S. Grigsby, who is out working for his nomination for sheriff, has leased his ranch to J. D. Grimes and O. L. Brown, being desirous of freeing himself from anything that would interfere with his political labors.

### Elections of 1908

Registration opens, Jan. 6.  
Closes for primaries, April 7.  
Primary Elections, April 17.  
Registration reopens, April 21.  
Closes for election, May 15.  
General Election, June 1.  
Registration reopens Sept. 20.  
Closes for election, Oct. 20.  
Presidential Election, Nov. 3.

Information compiled for the instruction of the public is as follows:

Proceedings Under Initiative.—Initiative petitions must have 7,465 signatures; initiative petitions must be filed by January 31; arguments advocating measures must be filed by February 3; initiative measures must be printed by the secretary of state by March 2; copies of measures must be mailed to voters by April 7; secretary of state must make up the form of ballot by May 4.

Primary Election.—Candidates for state and district offices, to be voted for in more than one county, and for circuit judges and district attorneys, must file with the secretary of state, at the time of beginning to circulate petitions, a copy of the petition for nomination, signed by himself, as evidence that said elector is a candidate for nomination by his party. The vote cast by a political party in each voting precinct for representative in congress that last preceding general election is the basis on which the percentage for petitions shall be counted, and need not exceed 1000 signatures.

Petitions for nominations to be voted for in districts comprising more than one county must be signed by at least two per cent of the electors residing in each of at least one-eighth of the precincts in each or at least two counties in the district and need not exceed 500 signers.

Petitions for nomination for offices to be voted for in only one county, or district, shall be filed with the county clerk not less than 15 days before the date set for the primary election, Wednesday, April 1.

The form of primary ballot must be certified to by the secretary of state by March 30.

Canvass of votes for nominations for state and district offices must be made by May 2.

### City Council

The regular meeting of the city council was held last evening at which the mayor and all the councilmen, except Woodbury, were present.

The regular bills were allowed and ordered paid. Sidewalks were ordered on Washington street and Ewauna Boulevard, and on Sixth street from block 38 to block 83 and on Fourth between Walnut and Klamath avenue. The petition for a light at the corner of High and Juniper streets was granted.

The proposition for selling the engine belonging to the city came up for discussion. The mayor was authorized to sell same for not less than \$1500.

The street grade on Pine street between Third and Fifth, which was recently established at the request of the property owners, not meeting with their approval, the city engineer advised that it be lowered as the property owners were about the only ones affected.

An ordinance, providing for the regulation of saloons, which has been in preparation some time, was introduced by councilman Bennett, of the Third ward. After reading action was deferred until next meeting.

### A Worthy Object

J. D. Hamaker, of Bonanza, was in the city Monday on his way to California for a two weeks' visit. Mr. Hamaker brought down a petition which had been subscribed to by Bonanzites for the purpose of buying a lot in Klamath Falls on which to build a home for Mrs. Annie Jardine, widow of the late J. H. Jardine. The money raised, which amounted to \$130.50, has been deposited with the Klamath County Bank.

Friends in this city will continue the subscription. Besides money the business men have offered to furnish lumber, nails, doors, windows and other materials for building, and many of the carpenters agree to donate work.

## TO CLOSE LID TIGHTER

### City Council to Pass on New Ordinance

#### THE PRINCIPAL FEATURES

### New Measure Drawn Along Lines Laid Down by the State Law

The ordinance introduced in the City Council at last Monday night's meeting, providing for the licensing and regulation of saloons and the selling of liquors, will, if passed and enforced, mean the absolute prohibition of all gambling and the prohibition of the sale of liquors on Sunday. The provisions are very similar to the old ordinance, covering the State law. Therefore it will not be necessary to appeal to the Sheriff, as the city officials will be empowered to handle all complaint. As many of the provisions of the old charter are embodied in the proposed one, it will only be necessary to mention a few of the important sections. Selling liquor without a license shall be punished by a fine not less than \$10 or more than \$100 or imprisonment for a period not exceeding 10 days or both.

**GAMBLING**  
Sec. 8. "It is prohibited, and made unlawful, for any person licensed under the provisions of this ordinance, to keep a disorderly house, or permit any unlawful gaming, or to permit any boisterous or riotous conduct in or about his place of business, or to open, or permit to be opened his place of business for the purpose of traffic on the first day of the week, commonly called Sunday; or to give, sell or supply spirituous, malt or vinous liquors to minors or habitual drunkards, or to any person at the time in a drunken or intoxicated condition."

**CONVICTION FOR VIOLATION**  
Conviction for violation shall be punishable by a fine of not less than \$10 or more than \$100 or imprisonment for a period of not less than 5 days or more than 20 days or both at discretion of Police Judge.

**FORFEITURE LICENSE**  
Sec. 10. In case of a conviction of any person, licensed under the provision of this ordinance, for a violation of any of the provisions of Sec. 8, the Police Judge shall declare a forfeiture of the license.

**DUTY OF MARSHAL**  
Sec. 12. It shall be the duty of the marshal to make complaint to the Police Judge of any and all violation of the provisions of this ordinance.

**HIGH LICENSE**  
The amount of the license is left vacant and it is intimated that it may possibly be raised as there has been some talk in favor of high license. Those opposed, however, argue that raising the license at this time would be an injustice to the saloonmen.

It is a fact that the sole revenue of the city this year has been from the saloons, on account of the council making no tax levy. In view of the condition of business and financial affairs, it would come hard on some at this time.

### Bridge Model

E. J. Leatham has on exhibition in B. St. Geo. Bishop's window a handi some model of a Howe truss railroad bridge. It is built to a half inch scale and has an 80-foot span with one span of trestle work. It is constructed on trestles on concrete piers, and is a neat piece of work. The joints are scarcely discernible, while the model itself is wonderfully firm and strong. The crossbeams are composed of three pieces of timber to give it added strength while the supporting rods vary in size in order to give the greatest strength where needed. Mr. Leatham has had much experience as a bridge-builder in many countries of the world, and recently has been in the employ of the Reclamation Service where his work was highly appreciated.

### Buy a Home

Adjoining the new fair ground; two and one-half acres or more, best of garden land. Two and one-half acres is equal to twenty lots 50x135 feet. If times are good or bad you can always make a good living from it. Price reasonable, and terms easy. See L. JACOBS, Owner.

### Card of Thanks

Words fail me in my endeavor to adequately express my gratitude for the generous assistance rendered me during the recent fire, in arousing me from our beds and removing and returning the goods to my store. I wish to especially thank W. H. Dulaney for his energy and clear-headed supervision; also the fire department, to whose energy, promptness and hard work I owe the saving of my building. R. I. HAMMOND.

### WEDDING BELLS

#### Roberts-White

One of the most prominent social affairs of the season occurred Saturday evening when Miss Clarice White, one of the leaders of the younger set, was united in marriage to Charles I. Roberts. The event occurred at the beautiful home of the bride's parents on Fourth street and was witnessed by about 25 of the immediate relatives of the contracting parties.

The parlor, reception and dining rooms had been artistically decorated for the occasion under the personal direction of Miss Maud Baldwin and Mrs. F. M. White, and the electrical illumination presented a most pleasing sight. The spacious reception room, where the ceremony was performed, was almost exclusively decorated with huge quantities of Oregon grape. The only exception being the wedding bell, suspended from the bridal arch at the west end of the room, which was covered with the soft network of sword ferns. In contrast the dining room presented the appearance of a conservatory with quantities of beautiful carnations, roses and ferns which had been sent by friends from Washington, Portland, Grants Pass and Medford.

At 8:30 the wedding procession was formed and passed through an aisle formed of satin ribbons held by little Majoria Deitzel and Hattie White. Mendelsohn's wedding march was rendered by Mrs. Pratt. The groom was attended by Oscar Shive, as best man, and the bride by her sister, Miss Georgia, as maid of honor. The ceremony was performed by Rev. G. T. Pratt, the simple Episcopal ring service being employed.

Immediately following the guests repaired to the dining room and partook of the sumptuous wedding supper, after which the young couple were driven to their future home on Pine street.

The bride presented a beautiful picture in a handsome gown of cream net, with bands of ribbon over cream silk. She carried a bouquet of white carnations. The bridesmaid was dressed in pink and carried pink carnations. The groom wore conventional evening dress.

Many beautiful and useful presents were received, consisting mainly of silver and hand painted china.

The bride is the daughter of Mr. and Mrs. G. W. White and has long been prominent in social circles.

The groom is a member of the firm of Roberts & Hanks, hardware merchants, and is one of the leading business men of the city. He has been identified with the business interests of the city since his boyhood and his genial nature has yearly added to his popularity.

Mr. and Mrs. Roberts will be at home to their friends after January 25.

#### Patton-Wells

Miss Myrtle Wells and Chas. A. Patton, both well known young people of Ashland where they have lived most of their lives, were quietly married Wednesday evening at eight o'clock, at the residence of the officiating minister, Rev. W. L. Mellinger of the Christian church. Mr. Patton is a valued employe of one of the local truck companies. The bride is the daughter of Mrs. Ellen I. and the late Erastus Wells, pioneer residents of this section.

#### Jackson-Margrieter

A quiet, pretty marriage occurred Tuesday evening, Jan. 21, at the home of the officiating minister, P. Conklin. The interested parties were Mr. Earl C. Jackson and Miss Emma Margrieter. Mr. Jackson is in the employ of the Moore Bros. They will make their home in Klamath Falls.

#### Lucky Keno Boys

H. Snowgoose, of Keno, has just received from his boys, Dan and John, a map and pictures of Rawhide, Nevada, a new mining camp. The boys are interested in several rich claims in this camp. The first picture shows the camp with only a few tents; another where the mines are sacking and shipping; another the first six-horse stage into Rawhide, and another an 18-horse team hauling lumber to the mining camp. Then we see the long map in six sections, giving a bird's-eye view of Rawhide, the city of tents, Main street and Rawhide avenue, besides wooden buildings, are lined with hundreds of tents. Jno. Snowgoose left Keno a year ago and went to Walker River Indian Reservation in Nevada, where his brother, Dan, had preceded him a short time before. He went there to work at \$5 a day and after working a few months, he concluded to do some prospecting for himself, and in one day found eight pay schutes on what is now known as the Baloon claim. The ore assayed from \$100 to \$10,000 a ton.

Dan Snowgoose is running an assay office and when the boys found how rich the ore was, they concluded to keep it a secret, but it leaked out. In the meantime John located a camp by the Baloon claim and called it Rawhide. In a short time miners and capitalists began to come in to camp by the score.

As the boys did not have the money to open up the mine, they soon let out eleven leases, and the work of sacking

and shipping the high grade ore was soon in active operation.

The town of Rawhide was then laid out and in six weeks the population increased to 1200. Town lots raised in value from \$10 to \$500 in two weeks time, and some even higher than that.

Stores, shops, hotels, feed barns and 14 saloons were soon in operation. The financial panic had a depressing effect on the town, but business is still on the boom.

The Snowgoose boys are Klamath County boys, having come to Keno from Iowa in 1891. They are sober, hard working men and acquainted with hard work and disappointment. They worked in the mining business for seven or eight years and gained nothing but experience. However, the last year their labor has been crowned with such abundant success that they may well be repaid for their privations and hardships of the past.

#### Good Prospects for Oil

The coming summer will see portions of Klamath and Lost River Basins thoroughly prospected and developed for oil. Last Saturday morning articles of incorporation of the Klamath Oil Company were filed with the Secretary of State at Salem. Articles were also filed with the County Clerk last Saturday afternoon. While the business and pursuits of the corporation will be general in nature according to the articles, the special purposes of the company are to sink, construct and maintain wells, shafts, tunnels, adits, cuts and excavations for the purpose of developing mineral oil, petroleum, coal and all other minerals of every nature and description; to construct and maintain canals, ditches, pipe lines and reservoirs for the flow, storage and impounding of oil or petroleum; for the purpose of impounding waters for the purposes of storage, power purposes, and the generating of electrical power, etc. The incorporators are H. S. Sims, Thos. Hampton, Chas. Horton, E. B. Hall, Pierce Evans and R. I. Kilgore of this county, J. W. Holmes, brother of the General Manager of the Baker Iron Works of Los Angeles, and E. E. Weaver, Manager of Armour Packing Company of Portland. Besides the above the stock subscribers include Frank Adams, W. C. Dalton, Judge L. F. Willis, John Stiltz, L. Gerber and many other prominent Klamath County citizens.

Those interested say that the investigations and tests made during the past year prove beyond a doubt that the entire south end of the county is rich in oil. The statements of H. S. Sims, the oil specialist, who made the first examination, have been verified by experts from Southern California oil fields.

The incorporators say that these experts predict that Klamath will develop the largest oil fields in the world, and it was for the purpose of proving to the world our resources in this line that the company was formed. All of the money is to be used for development work. They make no promises. They simply put in what money they can afford to lose. If they are successful it will interest capital and bring thousands of people here. Machinery has been ordered and operations will be commenced immediately upon its arrival.

Citizens throughout the county are receiving numerous inquiries in regard to the oil prospects. The following letter from the Los Angeles Express is a sample of the interest the subject is attracting on the outside:

"Dear Sir:—I would appreciate it as a favor if you would send me all the facts regarding the oil excitement in Bonanza district, names of companies formed, preparations for drilling and extent of acreage taken up. Any detailed information regarding the situation will aid our oil columns greatly.

Very truly yours  
"W. E. WING."

## ROBBERY AND FIRE

### Lewis' Store Destroyed By Incendiary

#### NO CLUE TO THE CULPRIT

### Ky Taylor's Barber Shop and The Pantatorium Badly Damaged

L. Alva Lewis' jewelry store was burglarized at an early hour Saturday morning, and the daring robber attempted to cover up the deed by setting fire to the building. The timely discovery of the blaze and the quick action of the fire department in responding to the alarm prevented a consummation of the well laid plans. That the perpetrator had made a study of the premises is evidenced by the manner in which an entrance was gained. Underneath the jewelry store is a basement used for storing wood and articles of little or no value. Here it was that the burglar commenced operations. Taking a brace and bit which he found there he cut out by boring holes a space in the floor sufficiently large to permit of his crawling through to the store above.

The thief was remarkably bold, for the electric lights are left burning all night and two of them were still burning after the fire had gained much headway. The workbench in the front of the store and less than five feet from the sidewalk was riddled of its contents, including quite a bit of small jewelry that had been left for repairs, as well as the lathe and a number of tools.

Considerable silverware, as well as bracelets, chains and other jewelry was also taken, but just how much Mr. Lewis will not know until he has checked up his stock. The lathe and several packages of silverware were found just back of the store, evidently having been dropped by the robber in his hurried flight.

Mr. Lewis places his loss at about \$1500, with an insurance of \$500, while the building, owned by Ky Taylor, was insured for an equal amount, and his loss being practically the same as that of Mr. Lewis.

In prosecuting his labors in the basement the robber used for illuminating purposes two candles set in between nails driven into a piece of pitch pine. In starting the fire coal oil was evidently used quite freely, as those who were first on the scene could easily detect the odor of burning oil.

It is scarcely possible that the guilty party will make a get-away, for while no particular individual is suspected, yet the officers are on the alert and the course of the robber and incendiary will doubtless lead to his detection.

Ky Taylor's barber shop was put out of business principally by water, although some damage was done by fire, while the Pantatorium was also damaged quite a bit. The glass in R. L. Hammond's front doors was shattered by some excitable individual in well intended efforts, but the fire was practically confined to the jewelry store.

Mr. Lewis' private safe and that belonging to the county were apparently not tampered with by the burglar and are apparently unharmed, although they have not been opened as yet.



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