

RAILROAD CONTRACT FOR 106 MILES LET Should Bring Road into Harney Valley: Auto Trucks Here

ROADS CONTINUE

Progress into the Harney Valley--Must Come this Way

TRUCKS SUCCESSFUL TRIP

Accompanied With Hurrahs on Their Arrival in Burns
Identified Harrison and Manager McDade Meet
Representative Citizens--Seven Tons of Freight.

Rumors have been spread here that the Hill road will not be completed this winter. The fact is that the Hill road will be completed in five days. The machines were loaded for Wm. Hanley coming in and took out a load of hides Thursday morning. They have full loads awaiting them at Bend and will return here at once making the round trip in five days.

Mr. Harrison was confident of the success of the venture and the demonstration made by the machines on the initial trip was all that he could expect. The road will improve with a few trips as the rear wheels are wider than the ordinary auto making it necessary to break a road.

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before him all the while. "The purpose of the experiment is to cause horse owners to observe more closely the advantages of feeding less hay. If two or more teams are maintained upon the farm, feed one team as suggested and the other the usual way and note carefully the result. In making the test, however, teams should be divided as to size, age and individuality as nearly equal as possible. Whenever practicable, weigh rather than guess the amount of hay fed."

INDUSTRIAL NOTES.

(Portland Correspondent)

Oregon and the Pacific Northwest will fare well when Congress makes appropriations for river and harbor improvements at the coming session, provided the recommendations of the Chief of Army Engineers is followed. His budget calls for appropriations amounting to not less than \$3,452,250 for the betterment of water ways in this section of the country.

Among the projects for which money is expected to be forthcoming is \$1,000,000 for the Columbia River jetty, while between Portland and the sea channel improvements are estimated to need \$475,000. The Celilo Canal is listed for \$600,000 and improvements above Celilo call for \$30,000 more.

Other recommendations included in the report are: Columbia, Bridgeport to Kettle Falls, \$25,000; Willamette, above Portland, \$20,000; Siuslaw River, \$120,000; Snake River, \$25,000; Coos River \$3,000; Tillamook Bay, \$5,000; Clatskanie River, \$1,000.

Although Governor West has no use for hemp, this state can grow it successfully, says N. S. Merrill, of Merrill, Or. He made experiments on a small tract of ground and grew hemp plants 14 feet high. The seed germinated freely and evenly and Mr. Merrill says the fibre is of great tensile strength.

Nez Perce, Idaho; lays claim to a model citizen in the person of a Chinaman. Lately that town has raised a publicity fund to exploit its resources and the Chinaman subscribed \$120. His name is Fong Way. Incidentally, Nez Perce, with a population of 1500, is raising a promotion fund of \$10,000, to carry on a two years' work.

The semi-annual meeting of the Western Forestry & Conservation Congress, which is scheduled for Portland, December 4 and 5, will be a forest fire conference and government and state officials, as well as private holders of timber, will be represented. Delegates will attend from throughout the West, from Montana to California. Ways and means to check the annual loss to the forests through destructive fires will be the chief topics presented.

Attractive prizes are offered for poultry exhibited at the annual show of the Oregon Poultry & Pet stock Association, which will be held in Portland December 4 to 9. Premiums will be given to children who have taken up poultry raising, as well as to fanciers generally. Multnomah County has voted a special prize of \$50 to go to juvenile poultry raisers.

The poultry department of the Oregon Agricultural College has two hens that have tied for the egg-laying championship of the United States, having laid 259 eggs each during the last 12 months. Until now the record was held by a Maine hen, which had 251 eggs to its credit in a year.

The contract has been let by the Southern Pacific for the first 23 miles of the new railroad projected from Eugene to Coos Bay, Oregon. Between \$6,000,000 and \$7,000,000 will be spent in the construction of this new line to the Coast.

MEN I HAVE SKETCHED.

(Copyright, 1911, Homer Davenport Syndicate)

I have read many versions of my first interview with Mark Hanna. Frequently I have read what purported to be the story of how I came to put him in dollar-mark clothes. All of them have shown good imagination on the part of their authors, but are a long way from the truth.

I drew my first pictures of Mr. Hanna from a description of the man given me by Alfred Henry Lewis, who had just come from a few day's visit with him in Ohio. It would be unfair to Mr. Lewis to attribute my conception to the description he gave me.

But Mark Hanna's portrait as I first used it was not so much a reproduction of his features as they really were, but as we wanted to show them for political purposes. Lewis told me that when he met him Hanna wore a business man's checked suit, and my first picture showed him dressed in this manner. I put dollar marks on his cuff buttons, which was as stupid a thing as any cartoonist could have done.

Then a few days later, in the early part of 1896, I drew a cartoon of him in which I wished to convey the idea of "boodle," and put the dollar marks in the open checks of his clothes. The night editor "killed" the cartoon on account of those dollar marks, explaining that he did not see that it added anything to the picture.

When Mr. Hearst arrived at the office about midnight he saw the cartoon and ordered it run as I had drawn it, the dollar marks being emphasized.

A few weeks thereafter I was much surprised when I saw, but did not meet, Mark Hanna, that there was plenty of foundation in his features, with the proper amount of exaggeration, to produce a face like the one I had been drawing. I was sitting in Senate reception room one day on the still hunt for feature pictures, with one knee folded high over the other to shield my sketch book. Big game gathered all about me so closely that I couldn't draw. So I tried to impersonate a country constituent, who might be waiting for a reply to a card which he had sent in to his senator. While I was affecting this disguise an interesting looking old colored man sent in his card to Senator Hanna. Hanna did not know me by sight and in answering the colored man's card he came into the very corner where I was located. Here, after exchanging warm greetings, the Senator said: "Well, Dr. Brown of Georgia, you got my last letter?" "Yes, replied the venerable dandy. "Well, Doctor, we have exchanged many letters, but I might have gone to Georgia and had hard work finding you. How is it that the minute I came into the room you immediately picked me out?" The old colored man's features lit up with fifty heretofore unseen wrinkles of expression. He responded: "Senator Hanna, I knew you by your pictures." Whereat there was hearty prolonged laughter, tinged with a slightly grim note on the part of the Senator. Stopping the embarrassed dandy, Hanna took him by the coat lapel and resumed in a whispering tone: "I hope it was not through certain malicious and vicious pictures that you have recognized me." The old colored man's wrinkles reverted and his face

(Continued on page 4)

SILVIES RIVER WATER

An Automatic Self-Recording Register Being Installed.

REGISTERS EVERY 15 MINUTES

L. Crandall, of U. S. Geological Survey, Here to Superintend the Setting up of the Machine--A New Device, the Wonder of Engineering Gauge Testing

L. Crandall of the U. S. Geological Survey arrived in Burns the first of this week for the purpose of installing a Gurley water stage register in Silvies River. C. B. McConnell and associates who are promoting irrigation projects in this section desire an accurate record of the flow of the stream and have taken the matter up with the government with the result that a device has been installed this week that will record the flow of the stream automatically every 15 minutes for a year without requiring a reading or any attention whatever. The clockwork mechanism of the Gurley water register with electric attachments is something wonderful and its accuracy has been tested in a manner that makes it absolutely certain that the record is correct.

In company with Mr. McConnell's engineers, Cooper & Dodge, Mr. Crandall has arranged for the installation of the machine up a few miles above the E. P. Sylvester place. It requires considerable careful work to install properly in order that the elements will have no effect on the working parts of the machine. To prevent the ice from interfering a shaft is sunk to the low water mark on the bank of the stream and a large pipe is placed leading from the stream into it. In this the register is installed and a house is built to accommodate the machinery and it has to be high enough to allow for the rise and fall of the river which varies greatly during a season.

A representative of The Times-Herald was shown this wonderful piece of machinery in Mr. McConnell's office the other evening and it is worth seeing. A description of it was given by a member of the reclamation service at Boise and the Stateman of last Saturday published this description. It says in part:

An iron base about 14 inches square, at either corner of which is an iron rod approximately 21 inches long, supporting an iron top, forms a frame for the register.

On the two opposite sides of the base are erected the standards which carry the recording mechanism and the spools for holding the paper strip on which the record is made, together with the carbon ribbon, by which the imprint is made on the paper.

The recording mechanism consists of three parallel type wheels on the faces of which are raised figures and divisions, indicating respectfully the period of time from one to 12 hours, at intervals of 15 minutes; the number of feet to 36 feet, and the hundredths of a foot.

The time type wheel is controlled by a self-winding clock. This

clock has a very fine and strong escapement and full jeweled bearings, and is especially constructed to endure change of temperature without variation in its regular operation.

The water measuring type wheels are actuated by a float with counter-weight, and supported by a metal band perforated at intervals to fit over the pins in the periphery of the pulley over which it runs.

A cushioned hammer, actuated every 15 minutes by the electromagnet, strikes against the paper strip, which with its carbon backing strip is unwound from the spools and passes over the face of the type wheels to the receiving spools.

On the base of the frame is mounted an electric motor, driven by a dry cell battery, and having on each end of its shaft a pinion meshing into a gear, the mechanism being so arranged that when either or both of the weights actuating the clock or paper spools fall within a certain distance of the base, an electric contact starts the motor and engages the grooved pulley carrying the weight, thus through an electric clutch rewinding the cord and raising the weight until it reaches the proper height, when the electric clutch is disengaged and the motor stops.

The phosphor bronze perforated band by which the float is suspended is guided by pulleys, so that it is impossible for it to get out of place, and it passes through felt lined slats in the base, so that when the cover is placed on the instrument it is absolutely protected from dirt or moisture.

The large diameter of the copper float, which is 10 inches, enables it to respond immediately to any variation in the height of the water, the slightest change being recorded. In freezing weather oil poured into the float chamber will prevent ice forming and impeding the action of the float.

How to improve their market roads will be shown to the farmers of Oregon this winter in the short course at the agricultural college. Two good roads courses will be given by Prof. E. F. Ayres of the highway construction department. That primarily for farmers will deal mainly with the cheaper methods of construction and more common road problems which they must face in the rural districts. One for supervisors of roads will cover the same ground, but in a more technical manner.

Butterick Patterns at Lunenburg, Dalton & Co.

The Mothers' Club bazaar will be held Dec. 8 and 9 this year in the big north store room of The Times-Herald building provided it is not occupied by a permanent tenant on those dates. The ladies will have six booths this year and are ambitious to make exceptional sales as they have purchased a strip of land adjoining the play grounds that must be paid for.

A Des Moines man had an attack of muscular rheumatism in his shoulder. A friend advised him to go to Hot Springs. That meant an expense of \$150 or more. He sought for a quicker and cheaper way to cure it and found it in Chamberlain's Liniment. Three days after the first application of this liniment he was well. For sale by all dealers.

YOUNG PEOPLE

Join THE TIMES-HERALD'S HOMER DAVENPORT

Drawing Contest

now running weekly in The Times-Herald in connection with Mr. Davenport's great series

MEN I HAVE SKETCHED

This week the subject of the sketch is Hanna

CONDITIONS
The contest is open to all readers of The Times-Herald below the age of twenty-one years excepting teachers of drawing and professional artists.

Cut out of the columns of The Times-Herald each week Mr. Davenport's cartoon and make a free hand copy of it on clean white letter or drawing paper either with pen or pencil.

Then mail the clipping and your copy together with your name, age and address to MANAGER, THE TIMES-HERALD'S HOMER DAVENPORT DRAWING CONTEST. Each week a committee will pass upon the drawings and make the awards.

To the person submitting the best drawing will be given a handsome artist's proof of Mr. Davenport's sketch printed on Japan paper and personally autographed by the great artist.

These autographed artists proofs are not for sale at any price and will be highly treasured by those who are so fortunate as to receive them.

The educational value of this contest as an encouragement to the study of art and modern history cannot be overestimated.

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