

# Charlie Chaplin

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## Howard Writes Of Irrigation

(By J. S. Howard.)

The above topic appears to be the all-absorbing one at present, and having had over fifty years' experience along those lines, perhaps those interested will pardon me for butting in, as I should like to help promote the enterprise in any way possible, as irrigation of the valley is the only road to prosperity and I have had my ear to the ground listening for prosperity for a long time.

I may state at the beginning that I have no axe to grind and am not working for any company, association or individual, and I do not propose to present an array of figures so large as to discourage any enterprise nor to make any under-estimates so as to put people in a hole. The success of any enterprise depends on the projectors knowing in advance the prospective cost, and being prepared to meet it.

### Big Butte Proposal.

I will first consider the Big Butte project. I understand that the flow of Big Butte creek is about 250 second feet of 10,000 miner's inches, or enough to irrigate 14,000 acres of land. To carry that amount of water will require a ditch 14 feet wide on top, 8 feet wide on the bottom, and 6 feet deep, all in the solid ground, with a grade of 1 in 1,000 feet, or 5.28 feet per mile, having a cross section of 66 feet, with a velocity of 3.8 feet per second. As this ditch will be all side hill work with an average cross section slope of 20 degrees, it will cost approximately \$10,000 per mile. Much of the excavation will be in bedrock, as can be seen by the excavation along the P. & E. railroad to Butte Falls.

### Seventy-Mile Ditch.

The distance from the forks of the creek to Little Butte creek is about 30 miles. At salt creek an inverted syphon pipe line across Little Butte creek, one mile long, will be required to bring the ditch on the south side of the creek at an altitude above the Fish Lake ditch. From this point along the contour of the hills to a point about midway between Talent and Ashland at the crossing of Bear creek, the ditch will be about 40 miles long, which with the first section will make a ditch 70 miles long, costing \$700,000 for the ditch, and \$50,000 for 5,000 feet of pipe for the Little Butte crossing, making \$750,000 as the cost of the ditch.

The altitude of the forks of Big Butte, according to the U. S. contour lines, is 2,400 feet. The fall or grade of the ditch head for the syphon line will be 400 feet, so the ditch should intersect Bear creek somewhere near the Farnum mill. The evaporation in that length ditch will be about 20 per cent, making 8,000 inches delivered at Bear creek.

### Emigrant Creek.

Now let us consider another source of supply. Emigrant creek enters Bear creek about four miles above Ashland. It is a sluggish creek with high sandstone walls. On each side of the canyon the bottom widens out to about one-fourth mile in places, with a narrow canyon below, which would make several ideal places for reservoir sites. Why not take a part of the \$750,000 and build a series of dams and make

storage reservoirs? The sandstone can be quarried on the ground, and the cement factory at Gold Hill would be ready to furnish the cement. The watershed of Emigrant creek covers 50,000 acres, with an annual rainfall of 24 inches. This system can be placed in operation as soon as the ditch could be built, and would save the maintenance of a very long line of ditch, and the control of the water flow would be complete.

I think this plan would be worthy of investigation. J. S. HOWARD.

The total acreage for irrigation is 14,534 acres.

## Mail Route Along Rogue

Forest Supervisor Macduff of the Siskiyou national forest, and W. H. May, trail foreman, left Grants Pass Thursday for lower Rogue river, where the forest service, in co-operation with Curry county, is constructing a new mail trail on the mail route between West Fork and Gold Beach, Oregon, says the Grants Pass Courier. This trail will be constructed on a water grade with a solid tread four feet wide around the points locally known as the Devil's Stairs and Devil's Backbone, and is largely in solid rock. This part of Rogue River canyon presents scenery which rivals any to be found in the west. Box canyons, towering precipices, cut by sparkling waterfalls, in streams where game fish are plentiful, surround on all sides. The old trails over these cliffs have heretofore prevented full appreciation of the grandeur of this scenery and the splendid fishing and hunting grounds for the reason that they are narrow, rough and steep, and even dangerous. Many incidents are related of pack animals rolling over the trail and landing unhurt by some miracle hundreds of feet below. In one instance a traveler in passing outside a pack animal was kicked off the trail—being saved by a small bush one hundred feet below, which gave way just as he caught the rope and was drawn up to safety. The new trail will eliminate these dangers and will make the region much more accessible to the sportsman.

## Classified Advertisements (Continued from Page Three.)

### TOO LATE TO CLASSIFY.

FOR SALE—Household furniture; also a cozy four-room cottage, with all conveniences, for rent or sale. Inquire at 416 Palm avenue. 28-1mo.\*

TO EXCHANGE—Acreage near Portland for property in or near Ashland. C. P. Good, Ashland Hotel. 28-1f

LOST—A fine meerschaum pipe, either on Church or on High street, last Friday. Finder leave same at Tidings office. It

FOR SALE—Good six-year-old mare, gentle driver, nearly new top buggy, harness, two young Jersey milk cows; a bargain. 668 North Main street or phone 701-J. 28-2t\*

FOR SALE—Fine, almost new piano, for \$125 cash. Needs tuning. Apply to Miss Gray, 865 Blaine street. 28-2t

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FOR SALE—Hogs, shoats and weaned pigs. Call on or phone J. B. Hunter, 10-F-5. 28-5t

### Instinct Versus Reason.

There has been current in England of recent years a reaction against reason, an avowed worship of instinct and tradition and even prejudice. The doctrines of this reaction are in themselves fascinating, and they have been preached by fascinating writers. The way of instinct and old habit is so full of ease, so facile and strong and untrodden! Look at the faces of men who are wrapped up in some natural and instinctive purpose. Look at a dog chasing his prey, a lover pursuing his beloved, a band of vigorous men advancing to battle, a crowd of friends drinking and laughing. That shows us, say the writers aforesaid, what life can be and what it ought to be. "Let us not think and question," they say. "Let us be healthy and direct, not fret against the main current of instinctive feeling and tradition."

In matters of art such a habit of mind may be valuable. In matters of truth or of conduct it is, I believe, as disastrous as it is alluring.—Gilbert Murray in Atlantic.

### Dangerous Nitroglycerin.

Nitroglycerin is a fearfully dangerous explosive and at a temperature of only 100 degrees—that is, very little more than the warmth of the human body—it begins to decompose.

Tons of nitroglycerin are turned out every day, for it is the explosive from which gun cotton is made. But all the mixing vats are artificially cooled by coils of cold water pipes.

The cleaner nitroglycerin is made the less the danger. Consequently it undergoes any number of washings before it is fit for use. In the earlier days of its manufacture nitroglycerin waste water was allowed to run away through open drains, or into streams. It was not realized that this waste constituted a source of danger until, one day, a flash of lightning, striking ground near a factory, which was soaked with this compound, caused a fearful explosion. A cavity twenty feet deep was blown in the earth, and the factory itself, although fully 200 yards away, was practically demolished.—London Answers.

### Destroying Guns.

It may be necessary to destroy guns to prevent them falling into the hands of the enemy, or to make captured guns useless. If a small amount of dynamite or other explosive is available, of course this can be done very effectively. If not, the breech of the gun is closed and the hinge joints smashed as much as possible with a handspike or pick. If there is time a few rifle shots fired at the vital points of the gun effectively jam the mechanism so as to make it useless. With rifles, the butts are broken off and the barrels destroyed as much as possible. To do this the rifles are well heated over a fire and smashed up with heavy hammers. Ammunition is destroyed by placing it in a deep pit and setting it on fire. Telegraph wires are cut up into small pieces and the poles cut down and broken up.—London Express.

### Let Them Hunt For It.

A minister in a local church known for his absent mindedness by the members of his own family, but not to his congregation, saved himself from complete exposure at a recent service by his quick wit.

He had studied his sermon carefully, but had neglected to make any notations of the number of the chapter and verse from which the text was taken. In the pulpit he announced the text and then stopped short while the congregation waited to hear from what place in the Bible it was taken. As he noticed absence of notes to this fact he quickly announced, "I'm going to give you a week to find from what chapter and verse this phrase was taken." So was exposure averted.—Columbus Dispatch.

### Titles of Victor Emmanuel.

The author of "Rejected Addresses" preserved the name of a certain Mr. Pole, as the longest imaginable, in the well known lines:

Bless every man possessed of aught to give.  
Long may Long Wellesley Tynley Long  
Pole live.

but Mr. Pole's name was as nothing to the titles of the king of Italy, many of which are derived from the older kingdom of Sardinia. Where his titles end it might be difficult to say, but they begin, king of Italy, Sardinia, France, Spain, England, Jerusalem, Greece, Alexandria and Hamburg, ruler of the midway sea, master of the deep and king of the earth.—Christian Science Monitor.

### The Word Bible.

The word Bible is derived from the Latin name Biblia, which was treated as a singular, although it comes from the Greek neuter plural meaning "little books." This Greek diminutive was derived from byblus, or papyrus, the famous material on which ancient books were written. The title "Bible" was first used about the middle of the second Christian century in the so-called second epistle of Clement, xiv, 2.

### Little Children.

The influence of little children is to develop goodness in men and women. Their example teaches love, hope, faith, trust, contentment, joy, delight and cheerfulness, and quickly to forgive and forget unkindness, injustice and injury received from others.

### Demonstrated.

"Here's where I show my class," said the professor as he demonstrated the problem on the blackboard.—Dartmouth Jack o' Lantern.

It is difficulties which show what men are.—Epictetus.

# The Sterling Co.

Ladies' Coats, Suits,  
Dresses and Shirt  
Waists

Millinery, Hosiery, Gloves,  
and Corsets

Misses' and Children's  
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Coats that will delight the heart of any woman and please the taste of the most fastidious. Rich black plushes, cut velvet in wide velour, in rich African Brown, Russian green, Belgium blue, in all the new novelty materials, homespun and fancy mixtures. Some with belts and some without belts. One hundred and fifty styles to pick from. All of Ashland and vicinity will be proud of our assortment. We have spared no time or expense in securing the latest models in both suits and coats.

Yours for high grade merchandise and little prices

# THE STERLING CO.

Successors to R. A. MINKLER

## Beetles Pester Western Cities

Western cities are having a great fight to keep down the beetles that have so suddenly developed. In the city park there are millions of small bugs, which Mr. Miller, entomologist in charge of the local station of the U. S. Bureau of Entomology, says are undoubtedly the larvae of the alder beetle, and very similar to the elm beetle. They seem to only be under and on the alder trees, but where they are they are in unlimited quantities, and they are rapidly consuming the leaves of the trees in the park. Mr. Miller has sent in sample copies of the little pests to the bureau at Washington, and he will soon receive a report telling their exact name, with the method of their extermination.

This beetle that has attacked our alder trees in the park must be the same that they are contending with in Portland. There, however, the beetles infest the elm trees.

Thursday's Oregonian gives the following account of the pests and the method of treatment they are employing there:

"With a powerful gasoline pump and modern sprayers, the city yesterday started its crusade against the elmleaf beetle that is reported to be threatening the destruction of all elm trees in the city. With a strong solution of arsenate of lead the city spray gang bathed the beetles on about 200 trees on Broadway between Union avenue and East Fifteenth street.

"The work will be kept up indefinitely in the efforts of the city to eradicate the pest which, it is reported, will destroy every elm tree in the city within two years if unchecked.

"The crew spraying the trees with arsenate of lead will be followed by a second crew spraying with kerosene emulsion.

"The spraying outfit consists of a gasoline pump mounted on a wagon drawn about by horses, and hand sprayers capable of throwing a spray 45 feet into the air. Two men are operating the outfit under the direction of Park Superintendent Convill.

"The elmleaf beetle, which is a European pest and one bothersome for about 75 years in various parts of the east, has attacked elm trees on Bancroft avenue on the West Side and in Laurelhurst and Irvington districts on the East Side. The beetle, which is about a half inch in width, feeds on the elm leaves. Some trees, it is said, already have been killed, but the majority can be saved.

"It is the plan to keep after the insects with the spraying outfit until they are entirely eradicated. Just how long this will take is uncertain. Investigations of the extent of the pest were concluded only a few days ago, after which Park Superintendent

ent Convill announced that a fight must be started by the city.

"The kerosene emulsion spray applied later is aimed to complete the destruction and to destroy the eggs."

## Bandit Was Witty Fellow

John Austin Hooper, the bandit who escaped from the Josephine county jail a short time ago, was certainly a born humorist, and was extremely witty, if the following story is at all true. Sheriff Smith of Grants Pass says that Hooper is "the coolest and wittiest man I have ever dealt with."

E. Kroh, whose automobile Hooper commandeered, was impressed with the coolness of the bandit. Kroh gives this story:

"My daughter was sitting in the automobile when Hooper came along in a buggy. After passing a few remarks about the speed one can enjoy riding behind a twenty-year-old horse he commanded the driver to stop, stating that he had several miles to go and that he wanted to make the trip as quickly as possible. He asked my daughter if she were a good driver. She told him that papa did the

driving. 'Where is papa?' Hooper asked. I was called. Upon arriving at the car he asked if I were papa. I informed him that I was. 'Well, papa,' he said, 'we want to take a little spin.' I refused, but was forced to comply with his wishes at the point of a revolver.

"During the drive the bandit made my daughter sit in the back seat with him, saying that surely a posse, no matter how inconsiderate, could shoot so sweet an angel. When he left the car he took my name and address and told me that when he made a stake he would send me gasoline money."

Hooper told Sheriff Smith that twenty minutes after he had robbed the Grants Pass depot he was in the Josephine county hotel writing a love letter. He also told the sheriff that he would steal from people who were financially able to lose "a few jitneys."

Job Tozer left Sunday for Petaluma where he will spend the winter with his son, Bert, who is in the chicken business there.

Rev. P. K. Hammond preached a very instructive and beneficial sermon at the Chautauqua building last evening.

## Excursion Fares

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John M. Scott, General Passenger Agent, Portland, Oregon