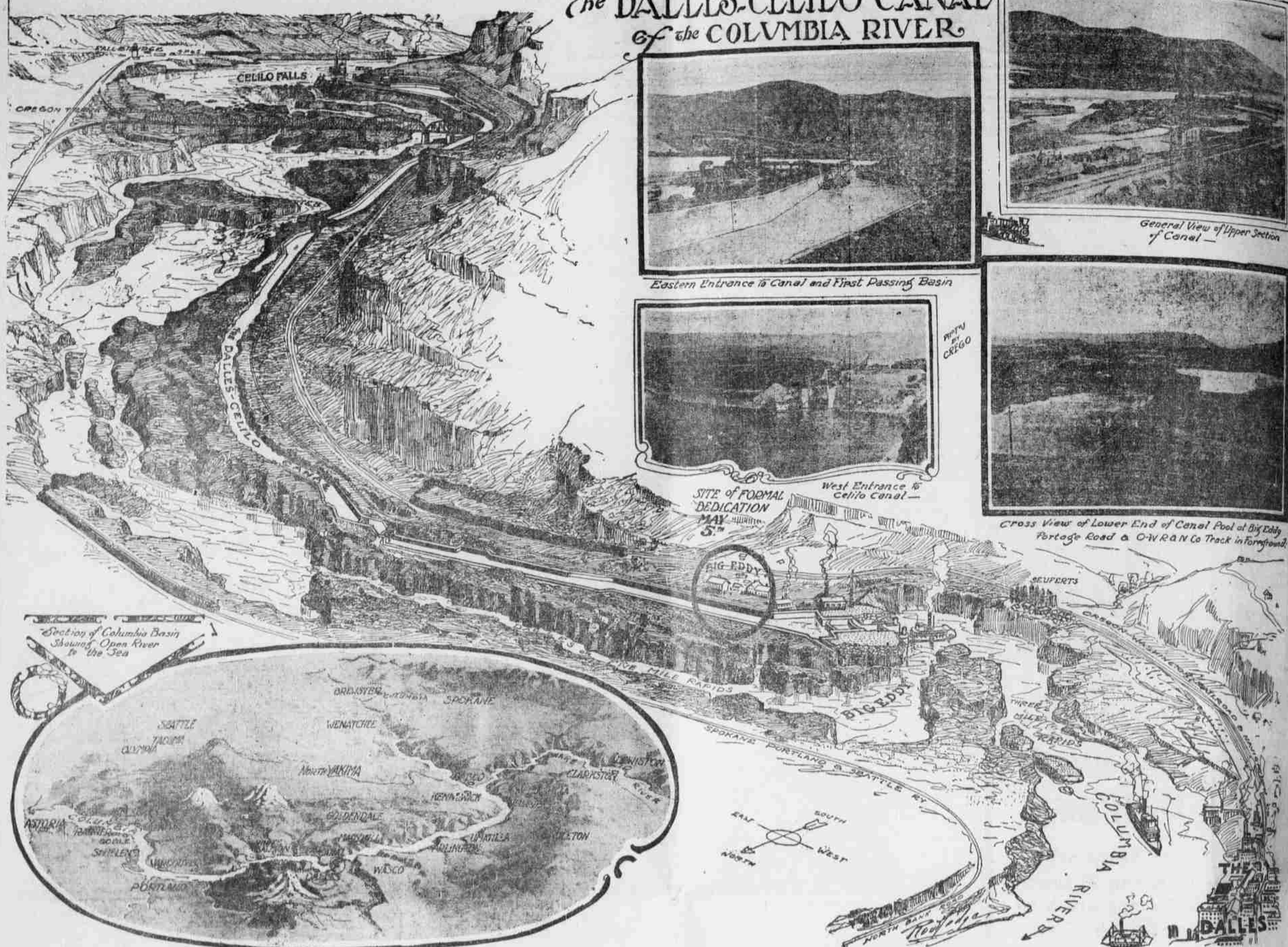


The DALLES-CELLO CANAL of the COLUMBIA RIVER



The Dalles-Cello Canal will make possible all water transportation from the upper Columbia basin to Astoria by boats of the Columbia river stern-wheel type.

A passage-way around the natural barriers in the river between the towns of Celilo and The Dalles, Oregon, it does away with the necessity of transshipment by rail from one point to the other.

Canal Eight and One-Half Miles Long.

The Dalles-Cello Canal is on the Oregon side of the Columbia and parallels the river for eight and one-half miles. It takes the place of the old Portage railway.

Work of construction was begun in 1908 and has proceeded continuously to the present with the exception of interruptions in 1912 and 1913 due to failure of congress to make the necessary appropriations. The total cost of construction will be approximately \$4,850,000, including \$10,000 expended for the improvement of Three Mile Rapids, near The Dalles.

The actual construction of the canal has been done by the United States government with hired labor, save for a 4000 foot stretch of the upper end completed by contract. The work has been done under the supervision of the United States army engineer in charge of the first Portland, Oregon, district, with other officers in actual charge of the field work.

Lieut. Col. Jay J. Morrow has been the supervising engineer officer in charge, with Captain R. H. Robert on the ground at the canal from 1910 to May, 1913, and Captain T. H. Dillon from that time to the present. The captain has recently been transferred to the Panama Canal, in charge of the locks, effective May 1st.

The Dalles-Cello Canal is of the lock type and drilled out of solid rock for half its length. It is lined with concrete where out through sand and gravel.

The principal of the five locks is at Big Eddy, above The Dalles, where the three gates serve to form tandem locks, or two locks that give a lift of 70 feet

in the 90 foot rise that the canal overcomes. Other locks are at Celilo Falls, Ten Mile Rapids and Five Mile Rapids. One pair is used principally to regulate the stage of water in the canal.

The minimum depth of the new waterway is eight feet and as the locks are 45 feet in width and 300 in length, with seven feet over the locks sill, the dimensions, 45x300x7, describe the size of the vessels that may go through the canal.

In the construction work drilling and blasting, slicing and undermining, checking sand slides by placing excavated rock on top of the sandbanks, and other engineering steps, were necessary.

Eight steam shovels, 22 locomotives, 200 yds. five concrete mixing machines and 50 miles of construction track were used. The largest number of men employed at any time was 1500.

It will require a force of 25 men to operate the canal, when opened, to operate the locks, which are run by gear machinery, and save for the nine

steel swing bridges that go over the trade artery at as many places.

Eight passing basins have been provided to allow boats going in opposite directions to pass one another, and it is expected that the canal will always be open to navigation except possibly during maximum high water.

Here are a few figures that give a comprehensive idea of the construction work performed: Solid rock excavation for locks, 160,957 cubic yards; subaqueous excavation, 3000 cubic yards; solid rock excavation for canal trunk, 810,106 cubic yards; common dry excavation, 509,871 cubic yards; sand excavation, 536,267 cubic yards; concrete and rubble masonry, 96,744 cubic yards; 1000 feet overhead, 531,177 cubic yards; reinforced concrete, 32,536 cubic yards.

It was necessary to bore 2709 feet of shafts, tunnels and filling ports. The locks and other metal work weigh nearly 3,000,000 pounds.

The most important features of the program for the opening of the locks follow:

Big Eddy, Oregon, Wednesday, May 5.

Formal opening of The Dalles-Cello Canal at 2 p. m., under direction of United States Government Engineers, representatives of United States Government, state officials of Northwestern States and other organizations. Speeches by Federal officials, governors of States and prominent visitors; historical address by T. C. Elliott, of Walla Walla, Wash. Great assembly of river craft in canal basin. Music by combined bands of the expedition. Visitors will have opportunity to inspect the canal. Trains of the Oregon State Portage Railway will carry passengers free all day between The Dalles and Celilo.

The Dalles, Oregon, Wednesday, May 5.

In the forenoon, assembly of Lower Columbia and Willamette rivers fleet at The Dalles waterfront; reception of special trains, automobiles and other conveyances bearing visitors from all points; auto trips to fruit districts; historical and industrial parade; 12 noon, luncheon; 1 p. m., departure of boats, trains and conveyances to Big

lamente river fleet will leave Oregon City for Portland to meet the Upper Columbia, Dalles-Cello canal fleet in Portland harbor. At 2:30 p. m., continuation of program in connection with The Dalles-Cello celebration, comprising the opening of Oregon's two great rivers to free navigation.

Portland, Oregon, Thursday, May 6.

2:30 p. m., arrival of fleet in Portland harbor; salute by vessels in the harbor and industries of Portland; blowing of whistles, ringing of bells and firing of cannon; reception at the Portland waterfront; escort of boats and street parade with commercial bodies, fraternal and public organizations, marching clubs, special bands and bands participating. Special attention and illumination of the city waterfront. Evening, reception in honor of visitors from all points on the Willamette. Chamber of Commerce, assisted by other business and civic organizations. Speaking by prominent visitors. The mayor of Portland will be requested to declare a holiday the afternoon of May 6th.

Transfer of Willamette Locks.

9:00 a. m. to 1:30 p. m., formal opening of the Willamette Locks, just transferred to the United States Government for free operation. Exercises in charge of Oregon City Commercial Club, assisted by commercial bodies and citizens of the Willamette valley. Assembly of river craft in the locks. Speaking by public officials and prominent citizens. At 1:30 p. m., the Willamette river fleet will leave Oregon City for Portland to meet the Upper Columbia, Dalles-Cello canal fleet in Portland harbor. At 2:30 p. m., continuation of program in connection with The Dalles-Cello celebration, comprising the opening of Oregon's two great rivers to free navigation.

Weekly Report of Union Stock Yards

North Portland, April 23.—The receipts for the week have been, cattle 1043, calves 32, hogs 1867, sheep 2347.

Cattle—With a fair run of cattle Monday the bulk of sales duplicated last week prices. Heavy stuff is not in demand, while light stuff sold readily at good figure. Choice steers are quoted at \$7.50 to \$7.75, cows \$6.25 to \$6.75, bulls \$4.00 to \$5.75, and stags \$5.00 to \$6.50.

Hogs—A light run of hogs in the wine division forced the market up 15 to 20 cents over last week's quotations. One load sold for \$7.85 Monday while bulk of sales went at \$7.65 to \$7.80. Prime light hogs are bringing \$7.85 at close of week. Demand good.

Sheep—Not many sheep came to market this week and quality offered did not qualify for top prices. Shearling lambs are quoted at \$7.75 to \$8, ewes \$5.50 to \$7.75 and yearlings \$6.75 to \$7.00. Full wools are \$1.00 higher than prices quoted an above shearlings.

The following sales are representative:

	Weight	Price
27 steers	1192	\$7.75
41 steers	1183	7.40
103 steers	1084	7.20
106 steers	1282	7.50
28 cows	1181	6.75
28 cows	1091	6.25
3 cows	1187	6.25
6 bulls	1511	5.00
1 stag	1221	6.50
1 halifer	2091	2.00
154 hogs	196	7.85
111 hogs	186	7.85
404 hogs	218	7.75
116 hogs	165	7.65
114 lambs	62	8.00
11 lambs	59	7.25
32 yearlings	96	7.25
12 ewes	117	3.50

FRUITLAND NEWS

(Capital Journal Special Service.)

Fruitland, Ore., April 23.—The literary society will hold its last meeting for the season Friday evening. A farewell program will be presented. The question for debate is "Resolved that fire is more destructive than water." If Noah and family were to be present they would probably vote in favor of water. The American Indian would probably favor both sides; his knowledge for "fire water" would incline him that way.

Sunday Mr. R. J. Woolery and wife formerly Mrs. Jennie Hedrick, both of Salem, visited the family of Mr. and Mrs. H. C. Brossier at this place. Mrs. Woolery is a sister of Mr. Brossier. She was recently married to Mr. Woolery who at one time was on the police force of Salem. He now has a position at the state prison. We congratulate this young couple and may they live a hundred years and rock the cradle of unborn generations.

A few days ago A. L. Sundborg came near losing a fine work mare. She fell in a ditch and was so injured as to cause a premature birth. The mare will recover.

The Bellamy family have returned from Phoenix, Ariz., to which place they went last fall for a temporary stay.

The Menace, a four page paper published in Missouri, circulates here. Quite a number of copies are taken at this place. It is devoted to opposing political sectarianism. It is a live publication of more than a million and a half of paid subscriptions. The first week in April the office received 102,372. This is going some, and in Missouri at that.

M. M. Hanson has purchased a brand new Ford 29 horse car. The family motored to Silverton and back Sunday afternoon.

Last Sunday was quarterly meeting

Bad Check Artist Is Landed In San Francisco

San Francisco, April 21.—L. Standish has been arrested in Minneapolis and will be returned to San Jose for trial on a charge of passing a bogus travelers check, according to advices received by the San Francisco police today.

Standish is said to have cashed checks for thousands of dollars through the east and middle west. The specific charge on which he will be tried is said to be for a comparatively small amount, however.

The checks were redeemable, according to notice printed on the back, at all the large banks of the United States, including the First National of San Francisco, and at the offices of the principal tour agencies.

It is alleged that Standish realized through his scheme \$2,500 in Los Angeles, \$3,000 in Portland, Oregon, \$3,000 in Seattle and large sums in eastern cities. The police say his checks were called "The Panama-Pacific Travelers' checks."

BLEW HIS BRAINS OUT.

San Francisco, April 22.—While spectators watched him enviously, unaware of what he intended to do, A. Giggert, aged 35, a member of the Western Federation of Miners, blew out his brains in a vacant lot here today.

For Fruitland church. Some twenty persons partook of the sacrament. Rev. E. D. Hornschock delivered an excellent discourse on the occasion. The subject was "Christians' Addition Table." "Add to your faith virtue," etc. See Peter's 2d Epistle, first chapter. The Christian must be adding to his character as well as having faith and an experience.

All men are born ignorant and some never get over it.

CHARLES M. SCHWAB, WHOSE STOCK HAD SENSATIONAL RISE



New York, April 21.—Charles M. Schwab is the president of the Bethlehem Steel company. The stock of this company jumped \$20 a share in one day, reaching a high mark of \$117. A year ago this stock was below \$20. Not in many months has the New York stock exchange seen such a sensational rise. Under the management of Mr. Schwab the company has been built up from a poor paying investment to a big money maker.

THE WRONG USE OF POWER

(By John B. Polk.)

Power, more power, is the one thing sought for by everybody, everywhere. The object of this article is to show that the majority of people, when trusted with power of any importance, generally use it along destructive lines. If "Knowledge is power" then poverty is the curse of the race as it is the result of ignorance. Love is the key to the kingdom of heaven, and knowledge is the key to better conditions, if used constructively. Knowledge if cultivated with purity of purpose, ripens into wisdom. Wisdom and love operating together brings true success. Which is power over all kinds of adverse conditions. The one great mistake made by most people, is in mistaking that wealth means success. Wealth certainly is power, but it is easy to see that wealth can be used for bad purposes bringing woe and ruin. A man in an auto has power over distance, but if he uses that power wrongly he wrecks his machine and causes loss of life. The great highway of life is strewn with wrecks, the result of the wrong use of power, and this is sin. These conditions are apparent to the most stupid observer. If the powers of the human mind were only used constructively as they should be, and wealth, genius, and other powers were used as they were intended, to be used in the beginning, the world would feel the benefit in a very short time. Power without purity is a dangerous thing. Power coupled with purity, can "remove mountains," because such power is in harmony with divine law that vibrates with the creative forces of the universe, and having an abiding quality becomes immortal. As soon as that power, be physical, mental, or financial, be immediately turns that power in the direction of the destructive force of nature and in some way gratify his own selfish appetites and ambition for display and luxury in some

Hanging of Alleged Bandit Creates Feeling

Tucson, Ariz., April 21.—Feeling was high today at Greaterville between Mexican and American residents as the result of the hanging of one of the Leon Brothers, alleged Mexican bandits, by deputies who sought to force him to reveal the hiding place of a woman who was said to have been kidnaped.

The district attorney and several deputies went to Greaterville to investigate the present conditions here.

Jose Leon, another brother, who was said to have been threatened with hanging, is in a critical condition in a hospital. Francisco, a third brother, still missing. Mexicans at Greaterville declare that he is dead in the jail, which he escaped.

The body of Juan Leon was returned and deep marks were found about his neck. The coroner will hold an inquest tomorrow over the body.

Cattle men of the Santa Rita mountains, it is reported, are preparing to finance the defense of Depue, Feltus and Roberts, who are in jail here in connection with the affair.

A TIP FOR SHERLOCKS

The deputy constable made an important find Friday, when he uncovered an old watch from an abandoned house on Musket Ridge. The watch had been buried for about twenty years, and while it had been stolen, the only way to the identity of the thief is that the watch stopped at 8:12 o'clock—Big Willow Kentuckian.

We All Do It

"They contemplate a trip to the French coast."

"That's cheap enough."

"What? Why, the fact?"

"I was speaking of the cottage."

—Philadelphia Public Ledger

DENMARK GRANTS SUFFRAGE. ABOLISHES SEX PRIVILEGE

Copenhagen, April 23.—Universal suffrage will henceforth prevail in Denmark.

All women, regardless of their station, are entitled to the ballot as a result of action taken today by parliament.

A new constitution, abolishing sex privilege, was adopted.