

WELLAND CANAL TO RIVAL PANAMA

Waterway Being Reconstructed on Vast Scale.

OPENS WAY FOR OCEAN SHIPS

Cost is Estimated at \$90,000,000, but May Exceed This Figure Before Work is Completed—Will Be Three Miles Shorter Than Present Canal and Have Minimum Depth of 25 Feet.

While the Panama canal will always rank as one of the world's greatest artificial waterways and probably the greatest engineering feat of all time, Canada is to have a canal that will run it a close second. In fact, there is one lock with three lifts in the new Welland canal that is higher than any in the Panama canal. The whole construction is massive and the cost is to be stupendous—the estimate is \$90,000,000, and the builders figure on the job lasting four or five years longer; so there is a chance for costs to pile up in ways not now dreamed of.

There has been a canal connecting Lakes Erie and Ontario for three-quarters of a century, but the present project is virtually a new one, although in the greater part of its length it occupies the original sites. Since the canal was first opened it has been enlarged from time to time until when the new work was started in 1913 it had a depth of 14 feet, with 25 locks, each capable of handling a vessel 270 feet long. When finished this time it will be about three miles shorter, have a depth of 25 feet at the shallowest point, be 200 feet wide at the bottom, and instead of 25 locks will have a total of seven, each large enough to handle vessels 800 feet long. Each lock will lift a boat 48½ feet, and one with a triple lift, has a combined height of 139½ feet, which is greater than any Panama lock.

Opens Way for Ocean Ships.

The portion of the canal that is entirely new begins at Port Dalhousie, the present Lake Ontario terminus, and strikes the old route about five miles inland. From there on to Lake Erie the work is reconstruction, strictly speaking. The country through which the new part has been cut comprised some of eastern Ontario's best fruit farms before 1913.

Ocean-going freight ships can come from any port in the world direct to any great lakes port when the canal is completed, and certain dredging operations now in progress in the St. Lawrence river are done. Lake Erie is 326 feet higher than Lake Ontario, and before the first canal was built Niagara falls barred direct water traffic between the two.

The canal is wholly in Canada and runs almost due north and south about a dozen miles west of Niagara river. At present the time of transit required for a boat, which must be more than 270 feet long nor of more than 14 feet draft, is 15 to 18 hours. In the new canal boats 800 feet long and of 25 feet draft can be transferred from one lake to the other in eight hours. It is estimated that a boat can be run into a lock, the lock filled, and the lift completed in 20 minutes.

A Big Figure Project.

Some idea of the magnitude of the undertaking can be gained from the following specifications printed in the Toronto Globe: At Toronto the flight of three double locks and a fourth lock just above them, with a total depth of 186 feet, must be hewn from solid rock. At Port Weller, one of the largest harbors in the world is being constructed. It is artificial in every respect. Two earth embankments made from excavations, extending a mile and a half into Lake Ontario, giving a basin with 30 feet of water at the lowest stage. The harbor will require the placing of 8,000,000 cubic yards of material. At the outer end of the embankment piers 700 feet long will be built, laying a 400-foot passage for the entrance of vessels. For a mile from the Port Weller entrance the canal will be 800 feet wide at the bottom, with a minimum depth of 25 feet. A pier 3,000 feet long will extend to the first lock and be used for dockage purposes. The entrance piers are founded on concrete cribs as big as dwelling houses. Nineteen of these cribs are already completed and in position. At least 30 more will be required.

The present Lake Erie terminus at Port Colborne will be retained, with a few changes, large when viewed alone, but insignificant when looked at from the standpoint of the undertaking as a whole.

All locks are to be built as twins so as to allow ships to pass each other without waste of time.

Housewives to Cut Bread Cost.
Following the action of the housewives' leagues of Norfolk and Portsmouth, Va., calling for the baking of their own bread before paying more than 10 cents a loaf, the retail grocers of the two cities agreed not to handle bread they could not retail for 10 cents a loaf.

Effective Printing

means good type, good presses, good workmen and good paper. We have the equipment and the workmen for you, and we guarantee grades of bond, safety and cover paper. Let us show you now.

SIR BASIL ZAHAROFF IS "MAN OF MYSTERY"

European Philanthropist Reputed to Be the World's Richest Person.

Sir Basil Zaharoff, G. C. B., G. B. E., who is to visit the United States soon on a special financial mission, is a man of mystery, Edgar C. Middleton writes in the Sun and New York Herald.

Resident of London, Paris, Athens, Madrid and Monte Carlo, amasser of magical millions and plotter of sensational philanthropic surprises, his is perhaps the strangest tale of riches and romance in the history of the modern world. He is Greek by birth, but French by choice of naturalization. In the war, at one time and another, he was instrumental in saving France, Britain and Italy from financial chaos, particularly France.

Like every man of outstanding genius, the "millionaire of mystery," as he is called in Europe, cherishes his own pet theories. He hates women. The wealthiest man in Europe, possibly in all the world, at sixty-five he remains a bachelor. Modern aids to labor are equally anathema to him; he has no use for automobiles—he has never ridden in one; he has no use for typewriters; no letter bearing his signature has ever left his presence otherwise than in pen and ink. His secretary writes in long hand from his dictation, while he adds his signature in a different ink. He has not flown and swears he never will fly in an airplane.

Yet he recently established a chair of aeronautics in the Sorbonne and a similar chair in the University of Petrograd. He gave \$125,000 to the London university for a chair of flying and a like amount to Oxford for a chair of French. He presented \$100,000 to a fund for training French athletes for the Olympic games. He gave \$250,000 a year to the Greek government during the Balkan wars. The city of Athens received \$500,000 from him for the establishment of a radio-telegraph station, while painful negotiations for the Greek government have been provided by him in nearly every capital of the world.

Philanthropy is the one relaxation he permits himself. It is characteristic of the man that, while his gifts are enormous, the lucky man or woman to whom they are made rarely knows their source.

Zaharoff has a habit of descending suddenly on deserving charities. Without any foolish preliminaries he will demand how much they require, why the amount is required and for what purpose it will be used and makes out a check for the amount on the spot. Then he disappears as mysteriously as he came.

REBEL COUNTESS BOBS UP AGAIN IN IRELAND



Countess Georgina Markievicz, the notorious leader of the Sinn Féiners, at dressing a meeting recently of the Sinn Féin "Flanna" annual commemoration. Since 1916 the countess has been jailed about four times, serving in all more than twenty-nine months. She fought in the Dublin rebellion dressed as a man and led the detachment of rebels that captured Dublin university. The countess is the first woman to be elected a member of parliament.

INSECTS AS WAR WEAPONS

May Be Used to Spread Disease in Enemy Country, Scientist Says.

The mosquito, the housefly, the louse and various other disease-carrying pests may be used for the dissemination of deadly germs in enemy territory in the next war, according to Prof. Maxwell Lefroy, an English scientist.

The insects could be transported by airplane, the scientist says. The mosquito could spread yellow fever, the housefly cholera, dysentery or enteric and the louse typhus, Prof. Lefroy asserts.

Arsenal Cutting Down Working Staff.
The Rock Island arsenal at Davenport, Iowa, is laying off 5,000 men at the rate of 750 a week. This will put the arsenal on a peace-time basis of 2,500 men. During the last days of the war the arsenal employed 15,000 men.

One Hundred Forty-First Semi-Annual Statement

of the

Monroe County Savings Bank

Incorporated 1850

July 1, 1920

Resources	Liabilities
Bonds and Mortgages.....\$1,674,755 00	Due Depositors.....\$25,821,263 41
United States Bonds.....2,328,332 00	Interest Accrued.....83,275 69
State Bonds.....428,550 00	Reserved for Taxes.....12,000 00
County Bonds.....200,125 00	
City Bonds.....3,322,602 50	
Village and Town Bonds....107,591 00	
Railroad Mortgage Bonds...2,204,030 00	
Banking House and Lot....100,000 00	
Interest Accrued.....461,891 41	
Cash in Banks and Trust Companies.....603,807 79	
Cash on Hand.....140,539 96	
Accounts Receivable.....2,261 21	
Loans on Collateral.....4,645 00	
Bankers' Acceptances.....499,049 89	
\$28,103,180.76	\$28,103,180.76

Interest credited Depositors June 1, 1920, for the previous six months, at the rate of four per cent per annum.

Trustees

Cyrus F. Paine
Rufus K. Dryer
William B. Lee
P. V. Crittenden
Edward Bausch

Joseph Michaels
William Carson
Martin F. Bristol
Wm. A. Hubbard, Jr.
Wm. C. Barry

Wm. V. Hamilton
W. Osborne Ashley
Jeremiah G. Hickey
Charles F. Wray
J. Allen Farley

Officers

Rufus K. Dryer
Edward Bausch
P. V. Crittenden

President William Carson
Vice-President Frank C. Fenn
Vice-President William B. Lee

Secretary and Treasurer
Cashier
Attorney

Monroe County Savings Bank

35 State Street

Rochester, N. Y.

Off Again, On Again

STICKLAND W. GILLILAN
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THE UNIVERSAL QUESTION.

They do not ask: "Where does this path-way lead?"
What were my goal if I should thus proceed?"
No, they're not asking vital things like these.
In these swift days through which the mad world flows.
Instead, they're anxious that they may not fall
To halt their job and draw their weekly wage.
And this the only question that they ask.
As, looking at the clock, they slight their task:

"Can I
Get by?"

They do not ask: "Could this work that I do
Be done more thoroughly, by hands more true?"
They do not query: "Might I do still more
To bless my boss 'in basket and in store?"
They are not troubled with a haunting fear
Lest work their hands are doing prove too dear.
Not any! As they pray for close of biz,
Their one and only earnest question is:

"Can I
Get by?"

MATHEMATICALLY SPEAKING

"I note that couples with children are seldom divorced."
"Yes. If they're multiplied any, they're divided less easily."

Very Suggestive.

One of these scientific dope-sheet-ers, who writes all the stuff we don't want to know, says:

"To prevent the loss of a loose finger ring, there has been patented a guard to be fastened inside it and engage the knuckle of the wearer."

If some of these paragraphing smart alecks don't pick up that word "engage" in there, in connection with the word "ring," we shall be profoundly disappointed.

FINNIGAN PHILOSOPHY.

When a man calls you a liar, he always feels he's phromotin' you into his own class.

Too Low a Bid.

"A penny for your thoughts, my child." "Thoughts have gone up, like everything else, ma."

Too Difficult.

"Reggie has a discouraged look." "He's probably been trying to think."—Boston Transcript.

7%

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For any further information, call on or address, Financial Department.

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Rochester, N. Y.

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