

# Comradeship



Admiral Sir David Beatty

ADMIRAL Sir David Beatty, when speaking at Leicester a few days ago, said:—

"We have been through four and a half years of a great struggle. We have all learned something—the true value of comradeship. Comradeship has enabled us to win the war."

Realizing the significance and truth of this statement the Citizens' Liberty League appeals to the people of this Province to develop the spirit of comradeship, mutual forbearance, toleration and sympathy. Let us be fair-minded, less rigid, more reasonable, and more willing to give and take.



Samuel Gompers

The workmen of Ontario appeal for better beer—non-intoxicating beer—beer containing 2.51% alcohol by weight—THE BEER OF THE BALLOT.

Samuel Gompers, the world's greatest labor leader, stated the workman's position clearly when he said:

"The normal men, the men of Labor who work eight hours a day and no more, the workmen who earn decent pay, the workmen who have comparatively comfortable homes, they do not want the artificial spirit. The man of normal spirit finds comfort in pleasant surroundings; he does not need, and, as a rule, does not partake of intoxicating drinks; he shuns the effects of intoxicants. What we now ask is that the men of Labor, the masses of our people, shall have the opportunity to drink a glass of beer of not more than 2.51% by weight of alcohol in that

beer, and I am told you cannot drink enough of that character of beer to get drunk even if you tried."

Scientific tests, practical experiments and thorough research prove that beer of even greater strength than 2.51% of alcohol by weight, is absolutely non-intoxicating. (The results of these tests have been filed with the United States Circuit Court of Appeals).

As no harmful results can possibly come from drinking beer of this quality—is there any fair or logical reason why the working men should not have the more palatable beer for which they are asking—THE BEER OF THE BALLOT?

Support the working men and the Citizens' Liberty League in the endeavor to obtain a fair, just and reasonable compromise on the present too drastic prohibitory legislation.

## Vote "YES" to all Four Questions

Mark your ballot with an X. Any other markings will spoil it. Remember also—every voter must vote on every question or his ballot will be spoiled.

### Citizens' Liberty League

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# CANADA'S LARGEST ENGINEERING PROJECT

Hydro-Electric Power Commission Carrying on Wonderful Power Development Work at Niagara Falls—A Second Panama Canal

Operating the largest shovels in the world, and reversing the flow of a river, the Hydro Electric Power Commission of Ontario is carrying on an enormous engineering project at Niagara Falls, practically without the use of steam.

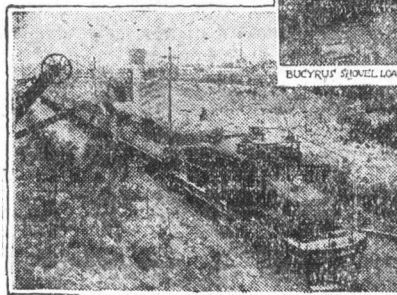
There are many startling phases to this work, which is the largest engineering feat attempted in the Dominion of Canada, and the biggest engineering job at present being carried on in the North American continent.

In order to get water to the new power house which will be erected just above Queenston, the Commission will utilize four and a quarter miles of the Welland River,

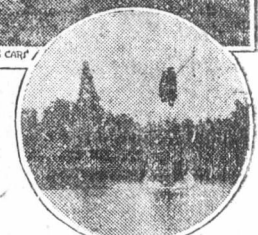
men present a striking picture. The weary householder painfully feeding the furnace, shovel by shovel, from the ton or two of coal, his winter's supply, will marvel at the enormity of the electric shovels which pick up from eight to ten tons of material, lift it 70 feet into the air and deposit it into waiting cars, all within the short space of 40 seconds.

Trains, hauled by electric locomotives, convey the mud and clay to the dump at St. David's. The boulders and rock from the canal are borne away to the stone crusher on the cliff above Queenston, and converted into material for roadways, railroad roadbed and riprap which will line the shores of the canal.

## HYDRO ELECTRIC DEVELOPMENT WORK AT NIAGARA



ELECTRIC TRAIN BEING LOADED



THE GREAT DREDGE DREDGING THE WELAND RIVER

causing this sluggish stream to flow backward and to take water from the Niagara River instead of emptying into it above the Falls. Connecting with the Welland River is a power canal, stretching from Queenston and encircling the city of Niagara Falls, Ont., which will be eight and a quarter miles long when completed.

The original survey for the Niagara development was made in 1914, and the construction work began in May, 1917. The commission expects to have the new plant in working order in 1922. War conditions handicapped the engineers, but this year's operations were begun on a gigantic scale. A trip over the right of way will impress the observer with the vast scope of the undertaking which, in its completed state, will cost approximately \$27,000,000.

Two miles above the brink of Niagara Falls a steam dredge is gnawing away at the channel of the Welland River, removing in generous chunks the river bottom and a portion of Hog Island, which guards the entrance to this historic creek. The lone dredge and its attendant tugs are the only pieces of equipment engaged on the entire Niagara development which are not owned by the Hydro-Electric Power Commission. They, with six or seven switch engines, are the only apparatus in use on the development which require steam in their operation.

Even the drills employed on the rock deposits of the canal right of way are operated by air, electrically compressed. A mile or two inland a huge clamshell swung from an aerial cableway, drops into the river and then emerges, bringing with it generous bites from the river bottom, which are deposited on the river bank at the foot of the tower from where the operator directs the activities of the clamshell. Deposits of earth and clay along the north bank of the river reveal the effectiveness of the clamshell in this particular portion of the development.

A short ride from Niagara Falls over new roadways built by the commission from crushed limestone removed from its right of way, brings one to the canal proper, where the activities of huge electric shovels, electric trains and gangs of

The stone crusher, which has a capacity of 4,000 cubic yards, is well worth a visit. The rocks from the excavations are cast into a trough opening into gigantic steel jaws which grind and munch, breaking the largest pieces into smaller bits that are carried away on a belt conveyor. A series of crushers reduces the rocks to a form where they may be utilized for building purposes and stored for future use.

Fifty-five miles of railway, all electrified, and tapping five trunk lines, are required in the construction work on the development. On this railway the commission has in operation more electric locomotives than any railway system in Canada. At present 2,000 men are employed on the big job. These men are housed and fed by the commission. A surgeon, an ambulance and a hospital maintained by the commission are at the disposal of the employees in case of accident. The adoption of the newest safety devices has minimized the danger of accident on the development, and the commission has devoted a great deal of time to safety first propaganda in order to safeguard the men in its employ. About 2,500 acres, or 50 per cent. of the lands acquired by the commission for its right of way, have been converted into farms, and the produce from the farms is sold to the employees of the commission. The commission maintains its own telephone system on the development, and it has connections throughout the province. Garages, machine shops and office buildings line the right of way.

By establishing its power house at Queenston the Hydro-Electric Power Commission is enabled to take advantage of the full drop of both Niagara Falls and the Gorge, a total drop of 305 feet, affording 100 per cent. more electric power from the same amount of water. The largest electric units in the world, 55,000 horsepower generators, will be installed in the power house, to produce electrical energy for distribution throughout the Province of Ontario.

This great work is a striking example of the big vision and initiative of Sir Adam Beck, under whose direction the commission carries on its functions. This work is one which gives the people of Ontario just cause for pride in achievement.

## A Victrola

in the home

satisfies a musical longing that cannot be filled by any other instrument. You may have the music of the world right there in your home—on instant call when ever you desire.

Thousands of people went to Toronto Exhibition this year to hear the Grenadier Guards Band. You may have a whole evening's concert in your own home by this world-famous band—with all the full, rich tone of the band itself.

We carry a big stock of Records for you to make your selection. Any records not in stock we shall be pleased to order for you.

**HARPER BROS.**

WATFORD

FOR BURNS AND SCALDS.—Dr. Thomas' Electric Oil will take the fire out of a burn or scald more rapidly than any other preparation. It should be at hand in every kitchen so that it may be available at any time. There is no preparation required. Just apply the oil to the burn or scald and the pain will abate and in a short time cease altogether.

## CANADA LEADS ALL COUNTRIES!

Holland.....	11c. per capita
Switzerland.....	13c. "
England.....	64c. "
France.....	74c. "
United States.....	\$2.73 "
Canada.....	\$4.00 "

If these figures applied to PRODUCTION we would have every reason to be proud—but they do not. They show the per capita FIRE LOSS in six Countries.

We talk of THRIFT and yet largely through CARELESSNESS we burned up \$15,673,240 worth of Merchandise, Buildings and Food Stuffs in Ontario last year.

Individual responsibility rests upon the citizens of Ontario to do their part in preventing this terrible waste of our substance. What is burned is irretrievably lost. Take an active part in making a success of

## Fire Prevention Day---October 9

## CLEAN UP!

ONTARIO FIRE PREVENTION LEAGUE, Inc.

Affiliated with

ONTARIO FIRE MARSHAL'S OFFICE  
Department of Attorney-General,  
PARLIAMENT BUILDINGS, TORONTO

GEORGE F. LEWIS, Sec.-Treas.

### To Prevent Unemployment

Next year will be well advanced before Canada's main expenditures for war, can be completed. Every dollar that can be raised for the Victory loan 1919 will be required.

Although hostilities ceased in 1918 the war expenses went on. This is just as much a war year as last year was, as far as the money is concerned. Pressing liabilities incurred by the war and involving vast sums of money have to be cared for. The simplest and most profitable manner in which this can be done is for the people to provide the money themselves.

The Victory loan 1919 is entitled to just as much consideration as was given to its predecessors. It is up to every loyal Canadian to do his utmost to make the new loan an overwhelming success. The continuance of the prosperity of the nation is wholly dependent upon it.

It was naturally to be expected that trade depression in the Dominion would have followed the armistice but this was averted by the application of a large proportion of the last Victory loan as credits to Great Britain and our Allies for grain, dairy produce, fish, lumber and ships. These credits were absolutely necessary, and strictly good business. They must be continued. They are national re-investments. The debts will be paid eventually and in the meantime industrial and agricultural workers will be kept in busy and lucrative employment.

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