



**ROAD MAKING ON THE T. C. H.**

The most modern road making machinery in being employed by the County Construction Company in laying the concrete slab for the Trans Canada Highway between Cross Roads and Mount Albion. A huge one yard mixer is seen in operation in the UPPER LEFT.

A continuous stream of truck from the mixing plant at Hazelbrook keeps the mixer supplied. Belle River sand, Debert stone and Debert sand are mixed with the cement. UPPER RIGHT, a batch is swung into position in front of

the spreader which roughly levels off the concrete. LOWER LEFT is the leveller which smooths off the surface and is followed by a float leaving the finished surface. LOWER RIGHT a workman with a hand trowel smooths out any rough spots left by the machine.

Mr. John Gilmore, Queens County engineer in charge of the project for the Department of Highways with Mr. Alex Scott as consultant engineer, Mr. Harry Whitehead is foreman for the County Construction Co.

Guardian Photo.

# Canadian Navy To Begin Experiments With 'Copters

**GEN. CANADIAN WILL CARRY SONAR.**  
OTTAWA (CP)—The Canadian navy this month starts experiments which may extend its striking power by hundreds of miles. It will find out whether it is feasible to carry helicopters on escort vessels. The experiments will be conducted by installing a helicopter platform on the frigate Buckingham, training ship for recruits at Cornwallis, N.S.

If the scheme works out, helicopters would be able to detect submarines far beyond the range of destroyers or other escort vessels and summon strike planes to the scene from aircraft carriers or shore bases. The experiments are expected to be completed by the end of this year. Once the platform on the Buckingham is installed, helicopter landings and takeoffs will be conducted in all kinds of

weather and sea conditions. HELICOPTERS CAN CARRY "Dunking" sonar, a device similar to the sonar carried in all naval warships. Sonar can be described as underwater radar. It works on a sound signal instead of a radio signal as in the case of radar. A helicopter can hover over a patch of ocean, lower its sonar into the water and listen for submarines. If it receives no signal, it can hoist the sonar and move on to another spot. A force of escort vessels equipped with such aircraft would thus have a far wider listening range than now is possible. Sonar is more limited in its range than radar and naval scientists are working constantly to improve it. Equipping the navy's 10 Prestonian class frigates—modernized in recent years at a total cost of

# Clean It Off? Certainly Not It Could Become Historic

LONDON (CP)—Timothy Whidborne, 29-year-old Chelsea artist whose great-grandfather was a governor-general of Canada, is the first English painter to win a newly-established Canadian art scholarship. He has been given a grant by the Elizabeth T. Greenshield Memorial Fund, set up by Montreal lawyer C. G. Greenshield in honor of his mother. Whidborne, a pupil of Italian painter Pietro Annigoni, plans to use the money to study in Florence and Rome. "But I also hope to go to Canada, perhaps next year," he said. "I'd like to meet Mr. Greenshield and thank him for his help."

Annigoni used a homemade mixture of eggs and wine for the tempera of his painting of the Queen. Once, when he and Whidborne were mixing a new batch in an electric egg-beater, the top flew off and eggs and wine were splattered on a wall. "Clean it off?" said Whidborne. "Certainly not. It could become historic."

# Dragger Nets Huge Unidentified Fish

SHIPPEGAN, N.B. (CP)—Citizens of this community were awed when a dragger returned to port with an immense unidentified fish caught in its nets. Young and old turned out at the local wharf to gaze curiously at the giant-sized sea creature which weighed five tons. It was lifted to a scow at the pier by a crane.

The fish was caught in the nets of the dragger, Chaleur 8, captained by Fidele Savoie of Neguac while fishing off the Shippegan coast. Despite many guesses and opinions no definite identification

# Keep Fledgling Nighthawk Pet

OSHAWA, Ont. (CP)—Walk into any home that has caged birds and chances are they're either budgies or canaries. But in the upstairs apartment of Mr. and Mrs. Ernest Hauk the pet is a young bird of prey—a nighthawk. But they love him—or her. They haven't yet learned what sex it is. "Peter" is a five-weeks-old bundle of feathers that requires bottle feeding, nursing, and plenty of loving care. They figure it needs this after a stormy infancy. Peter was found lying on the ground near here, with two head wounds. Mrs. Hauk said it must have been thrust out of its nest or else fell

# Must Expect New Ravages From Insects

MONTREAL (CP)—Dr. John D. Tothill, veteran Canadian entomologist, said Monday man must expect new and dangerous ravages by insects so long as man continues to change the face of the world in obtaining space and food for a population that is increasing alarmingly. Dr. Tothill, a native of England, formerly served with the Canadian and British governments' entomological departments and has spent 20 years in Africa. Addressing the current convention of the international congress of entomology, he said: "Unless we proceed with the greatest care we may find we have created perfect conditions for just another insect species, of no economic importance in a balanced forest, to become of first-class importance in the new environment we are fashioning. "All the outbreaks of potato gypsy moth, forest tent, white pine weevil and spruce budworm are primarily due to changes made in the environment."

# Relic Of Neolithic Age Is Found In Greece

ATHENS (Reuters)—A terra cotta statuette of the Neolithic period, portraying a woman of unique beauty, has been found by Prof. John L. Caskey, director of the American School of Archaeology in Athens, in excavations at Lerna in the Peloponnese. The figurine, which may be 6,000 years old, has the figure of a modern girl. Figurines of terracotta or stone characteristic of the Neolithic Age previously found have usually been female symbols of fertility, grotesquely fat with anatomical characteristics exaggerated and emphasized. Prof. Caskey's figurine, however, is that of a real beauty. In his own words: "The body is erect and graceful, breasts small, arms folded across the chest; waist and hips modelled with re-

markable skill and anatomical observation; legs long and tapering." The head and a part of the right leg are missing. The professor, who in 1954 uncovered at Lerna the ruins of a Bronze Age palace unique for its size, continued this year to excavate a Neolithic period settlement near the palace. It was there that he found the figurine, along with many bowls coated with red or orange-brown glaze. It is believed by archaeologists that this year's discoveries by Prof. Caskey will help toward clarification of the history and customs of the Bronze Age and earlier periods of civilization in Greece, about which little is known.

# Valuable Discovery Of Ancient Coins In Italy

CALTANISSETTA, Sicily (AP)—A black market in ancient coins led to the arrest Tuesday of 26 Sicilians. The coins were from a hoard described as one of the richest ever found. Ten workmen discovered them in a huge vase while digging a cellar last month near the railroad station in Gela, Sicily. They said they counted about 900 coins took them home and began offering them for sale. Thus the coins reached Sicilian black marketeers. Prof. Dinu Adamasteanu, Sicilian, archeologist, called the treasure "one of the richest ever

found—worth hundreds of thousands of dollars." Police said they had recovered most of the coins, plus 800,000 lire \$1,350 which the black market gang had received from some of its sales. They added that the gang also had counterfeited ancient coins for sale with the real ones. Selling ancient coins is illegal in Italy. The law makes all archaeological finds property of the state. The St. Leger, England's autumn horse race classic, started in 1776, four years before the first Derby at Epsom Downs.

# N. B. Food Processing Plant Means Security For Farmers

FLORENCEVILLE, N.B. (CP)—Market gardeners and farmers in western New Brunswick have a new sense of security thanks to the planning of four brothers. Taking the gamble out of growing with guarantees is an idea of the McCain brothers of this Carleton County farm community 10 miles east of the Maine border. They financed and established a big modern food processing and freezing plant that will go into operation in October. Harrison McCain, chief instigator in the move to provide the area with something to offset "boom or bust" conditions, planned the venture for two years. His three brothers—Robert, Andrew and Wallace—shared his faith in New Brunswick's farming future. GETS WIDE SUPPORT The idea caught on with officials of the Carleton County Cold Storage Co., now building a \$260,000 cold storage warehouse beside the food plant. Area farmers already are beginning to get an idea of how much more "money in the pocket" the project may mean. They've signed contracts for 1,000 acres of

peas, 50 acres of strawberries and large quantities of other fruits and vegetables. The McCain brothers spread the word that from them the farmer has a guaranteed income from his crop before the seed is in the ground. But to the youthful McCains (Andrew is the oldest at 32) it's not a gamble but confidence in their fellow farmer. The McCain family has long been noted as one of the province's leading potato exporters.

# Begins Fresh Career At 63

OTTAWA (CP)—One of the government's top oil and gas authorities is leaving his \$15,000-a-year post to begin a fresh career at a time in life when most men are thinking of retirement. Dr. George S. Hume, 63-year-old director-general of the mines department's scientific services, is quitting two years before the normal civil service retirement age of 65. A successor has not yet been announced. The distinguished scientist, recipient of many awards, will be come geologist with Westcoast Transmission Company Ltd., builders of a 150,000,000 natural gas pipeline from the Peace River district of British Columbia to the B.C.-United States border. A quiet, unassuming man, Dr. Hume is closing his 36-year government career, "feeling pretty satisfied." "We again are on the verge in Canada of some pretty big developments in minerals—all kinds with perhaps gold an exception," he said. "The West has been the source of some big oil discoveries and I believe that Prairie oil and gas, too, will be a major source of Canada's wealth over the next 10

# 700-Pound Shark In N. B. Waters

Murray Morrison, a Janeville, N. B. fisherman, said Monday a nine-foot-long 700-pound shark snared itself in his salmon nets in Nepisiguit Bay and died trying to fight its way free. Mr. Morrison said it was the first time he had encountered a shark in northern New Brunswick waters.

# SMALL ISLAND

The historic island of Malta in the Mediterranean has an area of only 94 square miles.

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