

TRANS-CANADA SKYWAY

OPENED JULY 1st 1958



*"And on, and on, without a pause, untired
they bounded still;
All night from tower to tower they sprang,
all night from hill to hill!"*

—Macaulay.

The Trans-Canada Skyway is a telephone and television microwave network which serves the principal population centres of the country. The microwave channels are carried by 139 radio-relay towers placed from 25 to 30 miles apart extending from coast to coast.

The network is designed to accommodate 12 one-way channels—each pair of which can provide up to 600 telephone channels, or 1 two-way television channel with 120 or more telephone channels.

The installation is unique in that it is, as far as is known, the world's longest microwave system—stretching across some 3,800 miles. The final section between Calgary and Vancouver was completed recently and permitted the coast-to-coast network to be officially opened July 1, 1958.

The equipment for this microwave system was supplied and installed by the Northern Electric Company Limited.

Northern Electric has been manufacturing, supplying and installing equipment for Canadian communications systems for over half a century. By keeping abreast of developments, in order to supply more and better equipment for Canada's communications systems, Northern Electric Serves You Best.

The complexity of this Trans-Canada Skyway, with its tremendous capacity for telephone conversations and television programmes, might well confound regulators of earthbound traffic. Through the miracle of microwaves the system will be as orderly as a military parade—but infinitely faster.

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