

*Application to Minister of Transport for Order Prohibiting
the Opening of Redwood and Louise Bridges during
Certain Hours—File I 6989.*

1367—12. Acting on the report of the Traffic Board, your Committee recommends that an application be made to the Minister of Transport for an Order prohibiting the opening of Redwood Bridge and Louise Bridge during the following periods in each day (except Sundays and statutory holidays) namely:—

From 7 a.m. to 9 a.m.

From 11.30 a.m. to 1.30 p.m.

From 4:30 p.m. to 6 p.m.

*Re Modernization and Extension of Traffic Signal
System—File I 172 (44)*

1368—13. Your Committee submits the following report of the City Signals Engineer relative to the modernization and extension of the traffic signal system, namely:—

‘September 13th, 1948.

Report on Traffic Signals, Main St. and Portage Ave.

Gentlemen:—

The traffic signals on Main Street and Portage Avenue have been in service since January 1931. The controllers which are the heart of the system have now become worn out and extreme difficulty is experienced in keeping them in operation. Spare parts are not obtainable as this type of controller is now obsolete.

It is recommended that the system be modernized by replacing the worn out controllers and adding special features for pedestrians which will allow lights facing pedestrians to change at a pre-determined time before the traffic lights change; thus warning pedestrians not to start to cross. This will assist in clearing the cross-walk before traffic starts to move.

It is further recommended that special WALK/WAIT neon lights (similar to the experimental one at Portage and Donald) be installed at eight intersections, namely:—

Main and Higgins
Main and Portage
Portage and Fort
Portage and Smith

Portage and Donald
Portage and Hargrave
Portage and Kennedy
Portage and Memorial Blvd.

At the remaining intersections, additional three-light signal heads (red, amber, green) facing pedestrians should be added. In order to accomplish this, new cable will have to be installed at each intersection as there are not sufficient wires in the existing cables.

It is recommended also that the system at Portage Ave. and Memorial Blvd. be changed similar to the system now in operation at Main and Portage. However, this can only be accomplished by eliminating two Left Turns (1) Left Turn off Colony Street East (2) Left Turn off Memorial Blvd. West; also the moving of the safety island beacons one block East, i.e. to between Kennedy and Vaughan.

The painting of all signal heads and poles yellow to conform to modern practice, is also recommended.

If the above recommendations are concurred in, it would take about a year to obtain the materials, and approximately one year to instal as the installation would have to be done so as to cause as little disturbance as possible to the movement of traffic.

The estimated cost would be approximately \$36,684.00, itemized as follows:—

Master controller for central office	\$ 500.00
18 controllers at \$500.00 each	9,000.00
2 special controllers at \$700.00 each	1,400.00
32 neon Walk/Wait signs at \$140.00	4,480.00
41 3-light signal heads at \$70.00	2,870.00
6 4-light signal heads at \$100.00	600.00
8000 ft. 10 conductor cable at \$716.00 M ft.	5,728.00
2000 ft. 12 conductor cable at \$803.00 M ft.	1,606.00
Painting heads and poles yellow at 48 intersections (2 coats)	4,500.00
Labor	5,000.00
Miscellaneous materials	1,000.00
	\$36,684.00

Yours truly

(Sgd.) J W Ellinthorpe,
City Signals Engineer.

Your Committee recommends that this report be adopted, and that an additional appropriation of \$36,684.00 be provided to cover the estimated cost of the proposed changes and extensions to the traffic signal system.