

RE: PEDESTRIAN CROSSWALK AT THE INTERSECTION OF
IMPERIAL STREET AND SUSSEX AVENUE
(ITEM 6, REPORT NO. 15, 1980 FEBRUARY 25)

ITEM	6
MANAGER'S REPORT NO.	39
COUNCIL MEETING	1980 05 26

For background information, this report is being submitted in response to the following action that was taken by Council on 1980 February 25 in connection with deliberations regarding the proposed installation of a marked pedestrian crosswalk on Imperial Street at Sussex Avenue:

Council adopted the following recommendations:

- "1. THAT Sussex Avenue between Imperial Street and Beresford Street not be center-lined; and
2. THAT a marked crosswalk not be installed across Imperial Street at Sussex Avenue until such time as the intersection meets the warrant for a traffic signal."

Arising out of Council's discussion of this subject, the following additional motion was adopted:

"THAT the Municipal Engineer report on the cost of a pedestrian-actuated traffic signal at the intersection of Sussex Avenue and Imperial Street and also report with respect to the historical generation of pedestrian/vehicular traffic at that point."

RECOMMENDATION:

1. THAT a copy of this report be sent to the Traffic Safety Committee.

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TO: MUNICIPAL MANAGER 80 05 15

FROM: MUNICIPAL ENGINEER

SUBJECT: PEDESTRIAN CROSSWALK - IMPERIAL STREET AT SUSSEX AVENUE. ITEM 6, MUNICIPAL MANAGER'S REPORT NO. 15, 1980 FEBRUARY 25.

RECOMMENDATION:

1. THAT this report be received for the information of Council.

REPORT

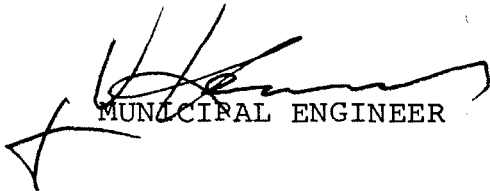
This report is in response to a motion passed at the Council meeting of 1980 February 25: "That the Municipal Engineer report on the cost of a pedestrian actuated traffic signal at the intersection of Sussex Avenue and Imperial Street and also report with respect to the historical generation of pedestrian/vehicular traffic at that point".

A pedestrian actuated traffic signal for the subject intersection would cost an estimated \$14,000.00 to purchase and install. However, if a signal is to be installed, we would suggest that, as Sussex Avenue is a collector street and a bus route, it should be a full vehicular/pedestrian signal. The estimated cost of this signal is \$21,000. We should advise that at the present time the intersection has not met the warrants for the installation of a traffic signal, rating only 75 of a required minimum 100 points under the Canadian manual warrant.

In checking the historical generation of vehicular/pedestrian traffic at this intersection we were unable to find much in the way of previous pedestrian counts. A school crosswalk was painted across Imperial in 1960 but was removed some years later when the school catchment areas changed and there no longer were school children crossing here. A large percentage of the pedestrians crossing Imperial at this

location are generated by the commercial development on the southwest corner of the intersection. There have been stores on this corner for years although some recent additions were built in the past decade. Traffic volumes on Imperial Street have, like all streets, shown a marked increase in recent years although the connection of 49th Avenue in Vancouver through to Boundary at Imperial in 1970 June accelerated the vehicle growth on Imperial. Traffic volume counts taken at different periods since 1960 are listed below:

YEAR:	<u>1960</u>	<u>1968</u>	<u>1971</u>	<u>1977</u>	<u>1979</u>
VOLUME (24 HR.) IMPERIAL:	6,700	9,800	13,200	16,600	19,000+
VOLUME (24 HR.) SUSSEX:		1,725	1,900	1,960	


MUNICIPAL ENGINEER

HB:sp