

LETTER FROM MR. W. J. MAIRS WHICH APPEARED ON THE AGENDA FOR
THE MAY 24, 1977 MEETING OF COUNCIL (Item 4c)
TRAFFIC EXHAUST FUMES AND NOISE ON IMPERIAL STREET

Appearing on last week's agenda was a letter from Mr. W.J. Mairs regarding the presence of fumes and noise from vehicular traffic on Imperial Street. Following is a report from the Municipal Engineer on this matter.

RECOMMENDATION:

1. THAT a copy of this report be sent to Mr. William J. Mairs.

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26 May, 1977.

TO: MUNICIPAL MANAGER
FROM: MUNICIPAL ENGINEER
SUBJECT: 3770 IMPERIAL STREET - COMPLAINT OF MR. WILLIAM J. MAIRS.

In replying to Mr. Mairs' letter of the 3 May, 1977 we would advise as follows.

Imperial Street east from Boundary Road has been constructed to a 46 foot wide standard. Parking has been allowed along the south curb reducing the eastbound flow to a single lane. Traffic travelling west is also in a single lane until it approaches Boundary Road where the parking has been banned to allow for two approach lanes to the intersection.

In comparing traffic volumes between May of 1976 and May of 1977, we found an increase from 20,146 vehicles per day (V.P.D.) to 21,269 V.P.D. or about 5.6%. In the period of April 1973 to June of 1975, the volume of traffic increased from 15,625 V.P.D. to 19,540 V.P.D. or about 25% in two years. The sharp increase during this period can probably be attributed to the opening of 49th Avenue to Boundary Road. It would appear that the volumes have now stabilized to the average increase of about 6% that we have on other arterials. Increases in this range will mean a doubling of volumes in 12-14 years.

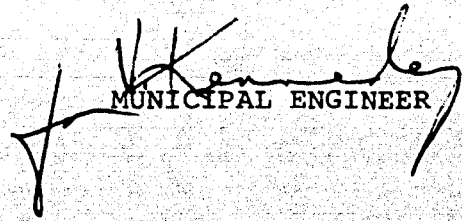
Counts were also taken on Rumble Street just east of Boundary Road and compared with previous counts taken in June 1975. May 1977 (7,870 V.P.D.), June 1975 (7,130 V.P.D.). The counts would indicate an increase of about 10% in two years.

In regard to the question of increased noise and fumes, we would say that the ambient noise level will increase slightly as the traffic volumes increase. The fumes will also increase, particularly if the traffic becomes congested and must sit and idle as will be the case for left turners who were recently denied a special left turn lane because such a facility would require an encroachment into Central Park.

While we do not have a past record of noise measurements along this section of Imperial Street, we would advise that members of the Health Department are at the present time engaged in a program of monitoring ambient noise levels in the area for evaluation and for future comparisons.

RECOMMENDATION:

1. THAT a copy of this report be sent to Mr. William J. Mairs.


MUNICIPAL ENGINEER

HB:cj

cc: () Traffic Supervisor
() Chief Health Inspector

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MANAGER'S REPORT NO.	39
COUNCIL MEETING	May 30/77