

CITY OF BURNABY

TRAFFIC AND TRANSPORTATION COMMITTEE
(TRAFFIC SAFETY DIVISION)

HIS WORSHIP, THE MAYOR
AND COUNCILLORS

B. EXPERIMENTAL SPEED BUMPS ON ELWELL STREET

RECOMMENDATION:

1. THAT a copy of this report be sent to Ms. Shairry Tanquary, to Ms. Louise Hearty and others who have corresponded with the Committee on this issue.

REPORT

The Traffic and Transportation Committee (Traffic Safety Division), at its meeting held on 1995 October 03, adopted the attached staff report evaluating the low profile speed bumps installed on Elwell Street between Canada Way and Humphries.

MEMBERS:

Mr. W.B. Bennett
Mr. M. Bloomfield
Mrs. L. Brown
Mrs. M. Canessa
Mr. E. Fourchalk
Ms. L. Kapp
Mr. M. Mullan
Ms. D. Niccoli
Mr. D. Ramsbotham
Mr. D. Richardson
Mr. R. Weston

Respectfully submitted,

Councillor J. Young
Chairman

Councillor D. Evans
Member

:-COPY - CITY MANAGER

- DIRECTOR ENGINEERING
- OFFICER-IN-CHARGE, R.C.M.P.

City of Burnaby

INTER-OFFICE COMMUNICATION

TO: TRAFFIC SAFETY COMMITTEE **DATE:** 1995 09 25
FROM: ASST. DIRECTOR ENGINEERING,
TRAFFIC & ENGINEERING SYSTEMS **FILE:** 50-01-10
SUBJECT: EXPERIMENTAL SPEED BUMPS ON ELWELL STREET
PURPOSE: To outline progress on the testing of the low profile speed bumps on Elwell Street

RECOMMENDATION:

1. THAT a copy of this report be sent to Ms. Shairry Tanquary , to Ms. Louise Hearty and others who have corresponded with the Committee on this issue.

REPORT

Earlier this year the Traffic Safety Committee received a report on the implementation evaluation of the "Speed Hump Test Program". Subsequently on 1995 April 10 Council adopted this committee's recommendations arising from this report as follows:

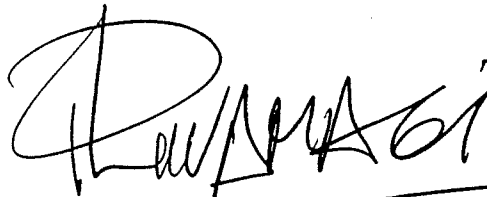
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1. THAT the speed hump test program be extended for one year of further evaluation as discussed in this report.
 2. THAT the speed hump installations be fully resident funded through the Local Improvement Program petition process unless otherwise directed by Council.
 3. THAT any further applications of speed humps be restricted to *local* residential streets that are not transit routes.
 4. THAT a test installation of lower profile bumps on a minor local collector street be carried out for evaluation purposes subject to residential support.
 5. THAT a copy of this report be sent to the Transportation and Transit Division of this Committee for consideration relative to Community Transportation Plan initiatives.”

On the basis of recommendations 3 and 4 Council at a later date approved the testing of low profile speed bumps on Elwell Street between Canada Way and Humphries.

After these low profile bumps were installed we received a number of complaints regarding these bumps from residents on tributary streets to Elwell Street, as well as Elwell Street. While the Elwell residents indicated they were pleased with the bumps others noted that they were much too abrupt and inappropriate for a collector street.

In our initial report regarding speed bumps we noted that the standard hump profile that we had tested on local residential streets was too abrupt a device to be considered a passive enforcement of the 50km/h urban speed limit. It was hoped that the lower profile bump would provide for the appropriate speed control on local collector streets without compromising street function or safety. Accordingly our asphalt crews "revisited" one of the installed humps (closest to Canada Way) to "feather in the bump". The other bumps were left as they were to determine whether they might "pack down" (but they haven't). We also wished to minimize the sunk costs should it be decided early in the experiment that bumps should be removed (removal of speed bumps is a more costly process than their installation).

While we are not completely satisfied with the modified low profile bump we propose modifications to the other Elwell Street bumps so that further evaluation, including testing with a transit vehicle can be carried out. We will report back to the committee after this next phase of evaluation.



ASST. DIRECTOR ENGINEERING,
TRAFFIC & ENG. SYSTEMS

PL:ma

cc: City Manager

