

CITY OF BURNABY

TRAFFIC SAFETY COMMITTEE

D

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

SUBJECT: KEITH STREET LIGHTING

RECOMMENDATION:

1. **THAT** Council forward a copy of this report to Mr. Jake Striefel, 5489 Keith Street, Burnaby, BC, V5J 3C4.

REPORT

The Traffic Safety Committee, at its meeting held on 2004 May 04, received and adopted the *attached* report responding to correspondence from Mr. Jake Striefel, requesting an additional street light on Keith Street in front of his residence.

Respectfully submitted,

Councillor D. Evans
Chair

Councillor N. Volkow
Vice Chair

Councillor L. Rankin
Member

COPY: CITY MANAGER DIRECTOR ENGINEERING
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City of Burnaby

INTER-OFFICE COMMUNICATION

TO: TRAFFIC SAFETY COMMITTEE **DATE:** 2004 03 22
FROM: ASST. DIRECTOR ENGINEERING,
TRAFFIC & ENGINEERING SYSTEMS **FILE:** 37500-18
Hydro
SUBJECT: KEITH STREET LIGHTING
PURPOSE: To respond to correspondence from Mr. Jake Striefel, requesting an additional street light on Keith Street in front of his residence.

RECOMMENDATION:

1. **THAT** a copy of this report be sent to Mr. Jake Striefel, 5489 Keith Street, Burnaby BC, V5J 3C4.

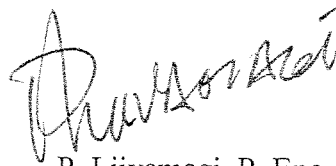
REPORT

Appearing elsewhere on the Committee agenda is a letter from Mr. Jake Striefel, a resident of Keith Street. Mr. Striefel is requesting an additional (lease) light in front of his residence to fill the gap between adjacent lights. Keith Street east of Royal Oak is lighted to an interim standard with fixtures mounted on power poles. The fixture and power are provided by BC Hydro on an inclusive lease basis. The policy for interim standard lighting provides for lighting at intersections with intermediate lighting provided to ensure a minimum spacing of 700 feet (217m). Lighting on Keith Street conforms with this policy as shown in Figure 1, attached and strictly speaking exceeds it. There is an "extra" light between the mid-block light (between Royal Oak and the MacPherson walkway) and Royal Oak. It is not clear why this light was installed but the separation without it is very close to the policy guideline and it was probably installed subsequent to the mid-block light. There is also an "extra" light at the end of the cul-de-sac, 120m east of the MacPherson walkway light but a light at this location is desirable in preventing vehicle overruns.

Engineering Department
Re: Keith Street Lighting

In summation, Keith Street east of Royal Oak conforms to interim standard lighting policy with a maximum street light spacing of 192m and an average spacing of 135m. Accordingly, we would not recommend the addition of another street light as requested by the correspondent. Instead we propose relocating the mid-block light eastward to provide a more even distribution of lighting as shown in Figure 2. The proposed spacing is shown on the attached map Figure 2 and is constrained by the placement of available hydro poles.

We note that the best way to improve lighting levels on Keith and other unfinished street is through a street light Local Improvement Program (LIP). Attachment 3 provides a description of this program.



P. Liivamagi, P. Eng.
ASST. DIRECTOR ENGINEERING,
TRAFFIC & ENG. SYSTEMS

PL:jb
Attach.

cc: City Manager



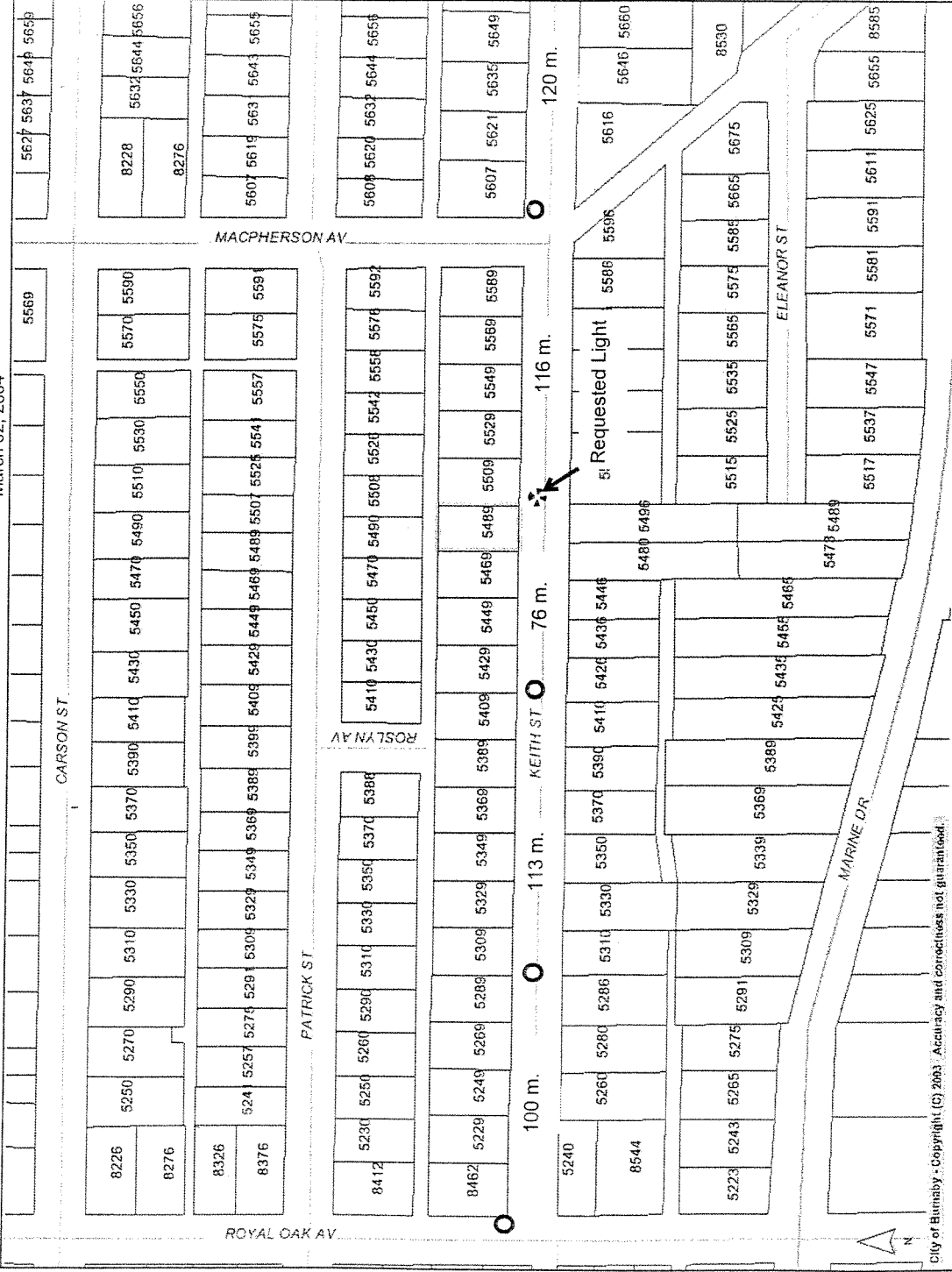


Keith Street Lighting

Requested Addition

March 02, 2004

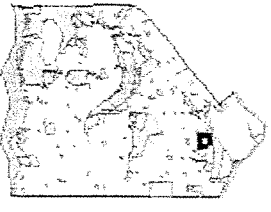
FIG 1



This information has been gathered and assembled on the City of Burnaby's computer systems. Data provided herein is derived from a number of sources with varying levels of accuracy. The City of Burnaby disclaims all responsibility for the accuracy or completeness of information contained herein.

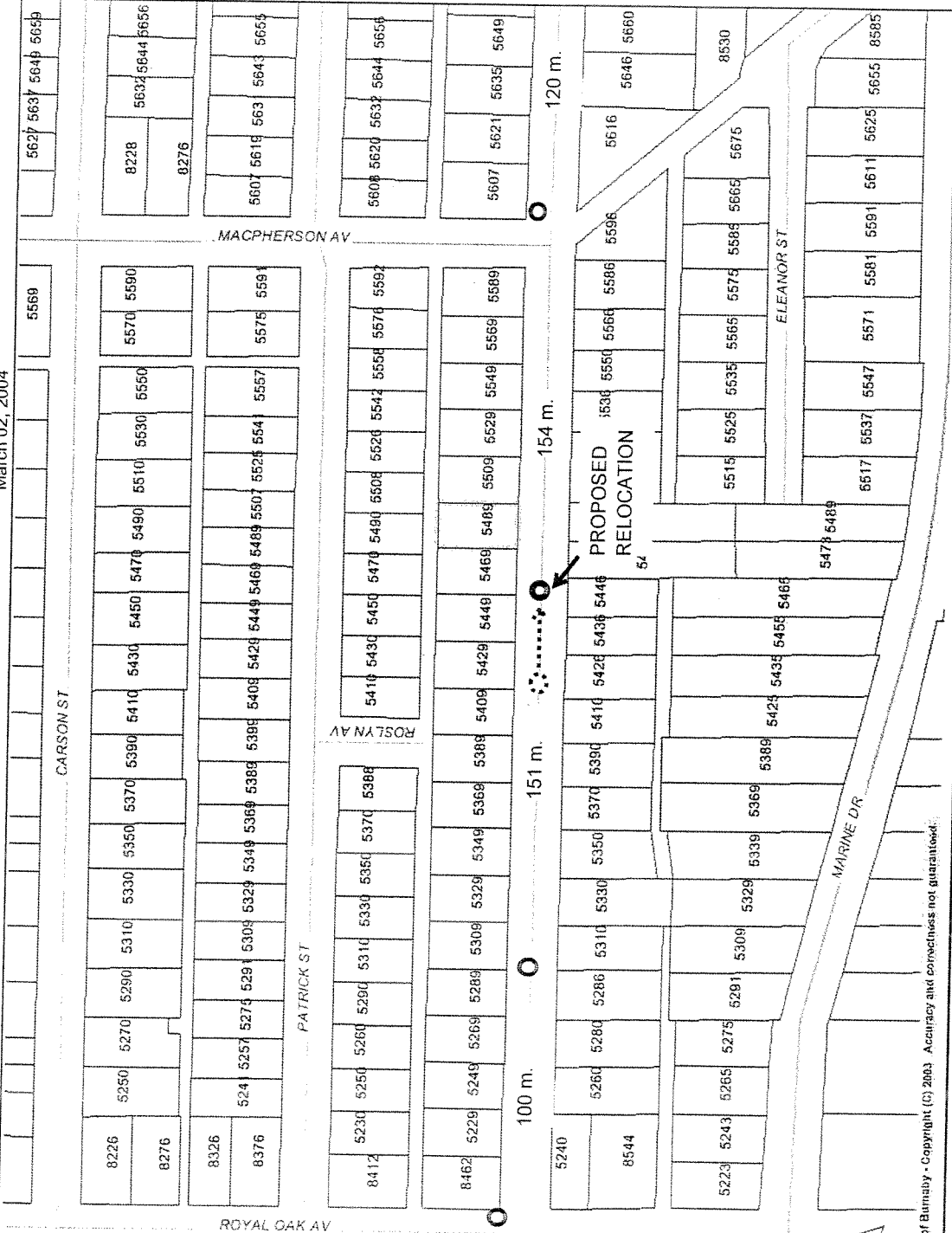
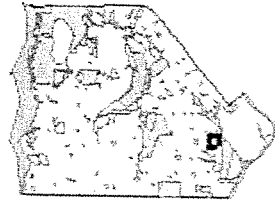


Map Scale 1 : 2500



- Selected Features
- Lot
- Street Intersection
- Stata Units
- Places
- Golf
- Police
- Fire
- Utility
- Cemetery
- School
- Civic
- Library
- Hospital
- Mail
- Parks and Rec
- Skytrain Stations
- Skytrain Lines
- Addresses
- Boundary
- Lease Light
- Traffic Signal
- Speed Humps
- Speed Humps
- Roads
- Local
- Collector
- Arterial
- Freeway
- Hydrology
- Parks
- PARKLAND TO BE ACQUIRED
- Other

March 02, 2004



ROYAL OAK AV

MACPHERSON AV

CARSON ST

PATRICK ST

ROSLYN AV

MARINE DR

ELEANOR ST

Selected Features

- Lot
- Street Intersection
- Strata Units

Places

- Traffic Signal
- Speed Humps
- Speed Humps
- Speed Humps
- Roads

Local

- Local
- Collector
- Arterial
- Freeway
- Hydrology
- Parks

Other

- Parks and Rec
- Skytrain Stations
- Skytrain Lines
- Addresses
- Boundary
- Lease Light

Other

- Other

Other

- Other

Other

- Other

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- Other

Other

- Other

Map Scale
1 : 2500

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4949 Canada Way, Burnaby B.C., V5G 1M2
Engineering Department

ATTACHMENT 3

www.city.burnaby.bc.ca

Telephone 604-294-7460

Fax 604-294-7425

Date:

Street Lighting Improvements

Many streets in Burnaby have leased lighting on BC Hydro poles, which are generally placed at intersections or at a minimum distance of 700'. Some streets have no lighting.

Through the Local Improvement Program, you may apply to have the lighting upgraded to the finished standard, which features high pressure sodium vapour lights on steel poles, at an approximate distance of 150-200' apart.

To have a street lighting local improvement installed on your street, you are required to write a request stating the street and the block on which you would like improved lighting. The letter should include your telephone number, and be addressed to:

Engineering Department
Burnaby City Hall
4949 Canada Way
Burnaby BC V5G 1M2

Before a project is included in a program, the applicant is sent a petition containing the name and address of each property owner abutting the proposed improvement, a description of the improvement, and the cost to the property owners. The applicant is responsible for obtaining the signatures of 50% of the property owners, representing at least 50% of the total assessed value of the affected properties, and returning the petition to City Hall within 30 days.

The current rate for street lighting is \$1.36 per taxable front foot per year for 10 years. This rate may vary for subsequent programs.

For further information, please call 604-294-7478.

