

**CITY OF BURNABY**

**TRANSPORTATION COMMITTEE**

HIS WORSHIP, THE MAYOR  
AND COUNCILLORS

**SUBJECT: LAKEVIEW/SIXTH DRAFT NEIGHBOURHOOD TRAFFIC PLAN**

**RECOMMENDATIONS:**

1. **THAT** Council approve the submission of the draft Neighbourhood Traffic Plan for Public consultation in the Lakeview/Sixth area as outlined in Section 3.0 of this report.
2. **THAT** Council approve the public consultation process outlined in Section 4.0 of this report.
3. **THAT** a copy of this report be forwarded to the Lakeview/Sixth Residents Committee.

**REPORT**

The Transportation Committee, at its meeting held on 2003 April 09, received and adopted the attached draft report on the Neighbourhood Traffic Plan and public consultation process to address the traffic concerns raised by residents of the Lakeview/Sixth area.

The Committee requested that the Resident Survey include a question relating to the possibility that with the proposed neighbourhood traffic plan, there may be an increase in the volume of traffic for the neighbourhood area. The Committee also recommended that the report include information that traffic from 6<sup>th</sup> Street will be able to make a legal left turn onto Edmonds.

Respectfully submitted,

Councillor N. Volkow  
Chair

Councillor D. Evans  
Vice Chair

Councillor L. Rankin  
Member

COPY: CITY MANAGER  
DIRECTOR FINANCE  
DIRECTOR PLNG. & BLDG.  
DIRECTOR ENGINEERING

**TO:** CHAIR AND MEMBERS  
TRANSPORTATION COMMITTEE

2003 April 04

**FROM:** DIRECTOR PLANNING AND BUILDING  
DIRECTOR ENGINEERING

OUR FILE: 08.116.2

**SUBJECT: LAKEVIEW/SIXTH DRAFT NEIGHBOURHOOD TRAFFIC PLAN**

**PURPOSE:** To advise the Transportation Committee of the draft Neighbourhood Traffic Plan and public consultation process to address the traffic concerns raised by residents of the Lakeview/Sixth area.

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**RECOMMENDATIONS:**

1. **THAT** Council be requested to approve the submission of the draft Neighbourhood Traffic Plan for public consultation in the Lakeview/Sixth area as outlined in Section 3.0 of this report.
2. **THAT** Council be requested to approve the public consultation process outlined in Section 4.0 of this report.
3. **THAT** a copy of this report be forwarded to the Lakeview/Sixth Residents Committee.

**REPORT**

**1.0 INTRODUCTION**

In 2001 October, the Transportation Committee received a report regarding a request for traffic circles in the intersection of Sixth and Rosewood to address neighbourhood concerns about traffic violations of the stop signs at this intersection. The report recommended that the request for traffic circles should be evaluated in the context of a broader community-based process which was being initiated by the residents of the area.

Subsequently, in 2002 February, the residents of the Lakeview/Sixth area (see Figure 1 *attached*) convened an organizing meeting to initiate a resident's committee. Out of this organizing meeting, a Lakeview/Sixth Neighbourhood Committee was formed. The Committee subsequently struck a Traffic Sub-Committee. Over the past few months, staff have been meeting with members of this Sub-Committee to discuss traffic issues in the neighbourhood and possible measures to address these issues. During this period, staff have

provided the Transportation Committee with a number of verbal status reports on the discussions taking place with the Lakeview/Sixth Traffic Sub-Committee leading up to the development of a draft Neighbourhood Traffic Plan for the area.

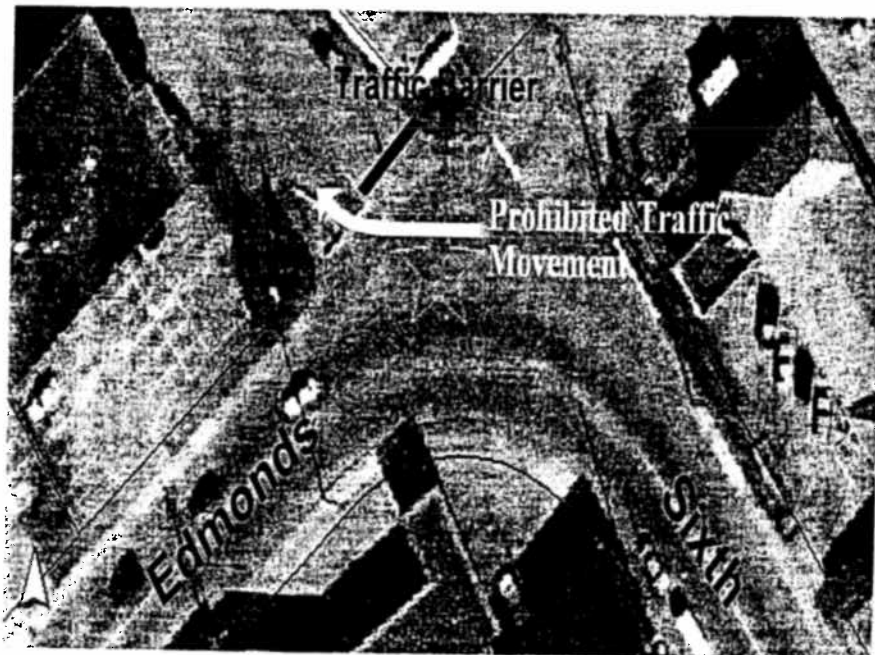
This report presents for the consideration of the Transportation Committee the results of these discussions including a draft Neighbourhood Traffic Plan and recommends a public consultation process to review the draft Plan including a questionnaire survey which would be distributed to residents of the area to solicit their comments.

## 2.0 ISSUES

Staff met with the Lakeview/Sixth Traffic Sub-Committee on three occasions between February and June of 2002. At these meetings, Sub-Committee members raised the following issues:

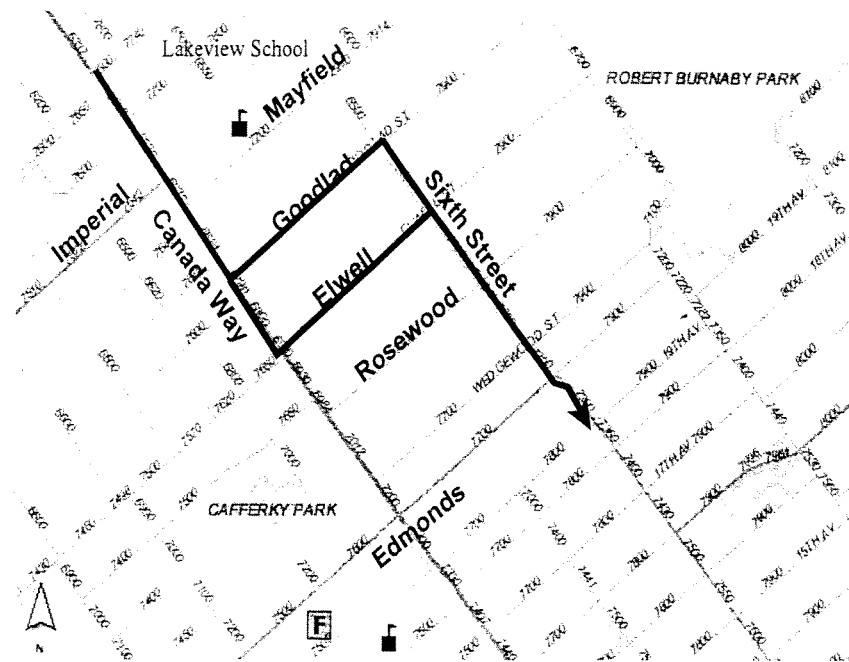
***Traffic safety at the Sixth Street Edmonds Intersection.*** As shown below, the north approach to the intersection of Sixth and Edmonds is blocked by a traffic barrier which does not permit northbound movements and restricts southbound left turns from Sixth onto Edmonds. However, these turning movement restrictions are regularly violated creating safety issues at the intersection. Since 1992 July, sixty-six collisions have been reported at this intersection.

### Edmonds/ Sixth Intersection



**Commuter traffic on Sixth Street via Goodlad and Elwell.** As shown below, commuter traffic shortcutting from Canada Way via Goodlad and Elwell especially in the afternoon peak period tends to speed along Sixth Street towards Edmonds raising concerns regarding safety at the uncontrolled intersections along Sixth Street.

### Sixth Street Shortcutting Route via Goodlad and Elwell



**Speeding traffic near the Sixth Street/Mayfield Intersection.** The existing stop sign on Sixth Street at Mayfield is subject to a significant non-compliance from drivers in the area around the Lakeview Elementary School.

**Safe pedestrian crossing in the Edmonds/Sixth area.** There is no controlled pedestrian crossing near the Edmonds Sixth Street intersection to address the significant number of pedestrian movements including those generated by the bus stops in the area of 18<sup>th</sup> Avenue and Sixth Street.

**Lack of a safe pedestrian crossing of Canada Way.** There is no designated pedestrian crossing of Canada Way between Edmonds and Imperial.

**Barriered Street Ends.** The unattractive condition of the concrete no-post barriers at the eastern street ends of Goodlad, Elwell and Rosewood.

**Use of 7879 Edmonds parking access to bypass barrier.** Northbound traffic bypassing the traffic barrier at Edmonds/Sixth street by turning into the parking lot at 7879 Edmonds ( see Figure 4 *attached* ).

These issues became the starting point for the development of a draft Neighbourhood Traffic Plan for the Lakefield Sixth area .

### 3.0 DRAFT NEIGHBOURHOOD TRAFFIC PLAN

This section of the report including the map on the next page provides a summary of the Lakeview Sixth draft Neighbourhood Traffic Plan. The Plan as recommended would be implemented in three phases as follows:

#### 3.1 Phase 1 Initiatives

- 3.1.1 **Install more stop signs on Sixth Street** - provide improved stop sign control at the intersections of Wedgwood, Elwell and Goodlad as shown in *Figure 2 attached* as a first step to address the issue of speeding traffic and the safety of uncontrolled intersections along Sixth Street.
- 3.1.2 **Traffic Circle Local Improvement Program (LIP)** - initiate the LIP petition process to provide traffic circles at the intersections of Sixth Street/Goodlad and Sixth/Rosewood as shown in *Figure 3 attached* to address the issue of violation and lack of traffic controls at these intersections. The stop signs at these intersections installed under the preceding initiative would be removed if the traffic circles are approved and installed at a later date.
- 3.1.3 **Close access to Sixth Street from property at 7879 Edmonds** - the access onto Sixth Street from the commercial development at 7879 Edmonds as shown in *Figure 4 attached* is being used to bypass the traffic barrier at Sixth and Edmonds in the northbound direction to shortcut through the neighbourhood to Canada Way. Initiate discussions with the owner to get agreement to the closure of this access by the end of 2003.
- 3.1.4 **Raised intersection** - review the feasibility of constructing a raised intersection or alternative measure at Sixth Street/Mayfield to address the issue of speeding in the area of the Lakeview Elementary school and non-compliance with the existing stop sign on Sixth Street at the intersection.

### 3.2 Phase II Initiatives

3.2.1 **Construct traffic circles** - upon approval of the neighbourhood LIP petition, construct the traffic circles at the intersections of Sixth Street/Rosewood and Sixth/Goodlad based on the following principles:

- the traffic circles would be 100% resident-funded in accordance with the general practice used for traffic calming measures. The estimated cost of a traffic circle is \$5,000 to be paid in annual installments on the resident's property tax statements over a seven year period.
- each traffic circle would be funded only by those residents living within the benefiting area of the traffic circle as shown below. This is proposed to be the residential properties along Sixth Street from Goodlad to Edmonds who would benefit directly from the reduced speeds on Sixth Street.

Based on a total cost of approximately \$10,000 for the two traffic circles and 35 benefiting properties, the average cost per household would be approximately \$40 per year for a period of seven years.

#### Traffic Circles LIP Benefiting Area



**3.2.2 Reconstruct and signalize the Sixth Street/Edmonds intersection** - to address the issue of violations of the turning movement restrictions, safe access to and from the neighbourhood and other safety issues the intersection would be signalized and reconfigured as shown in **Figure 4 attached**. Due to the high collision record at the intersection, this project is considered to be warranted from a safety perspective and may be eligible for ICBC funding.

The reconfigured Edmonds/Sixth intersection design is intended to accomplish the following:

- prevent rat-running movements from Edmonds onto Sixth Street northbound in violation of the one way provision at the traffic barrier and from Sixth left turning eastbound to the residential section of Edmonds in violation of the “no left turn” sign. With the reconfiguration and signalization of the intersection, vehicles on Sixth would be able to make a legal left turn onto the residential section of Edmonds east of Sixth.
- accommodate the left out movement from Sixth (north of Edmonds) southbound onto Sixth towards New Westminster.
- channelize the through movements from Edmonds around to Sixth Street southbound and the turning movement between the eastern residential block of Edmonds and Sixth Street.
- improve pedestrian safety through the signalization and provision of the raised delta islands, a centre median and crosswalks.

**3.2.3 Provide landscaped street end closures** - replace the traffic barriers on Rosewood, Elwell and Goodlad at 4<sup>th</sup> Street with low maintenance landscaped street closures similar to those in place on Nursery and Stanley Streets at Canada Way.

It is estimated that the Phase II Initiatives could cost up to \$250,000. Funds for this purpose will need to be considered for inclusion in the City’s 2004 Capital Budget review process in the context of other priorities if endorsed through the public process and approved by Council.

### **3.3 Phase III Initiatives**

**3.3.1 Install a pedestrian crossing at Canada Way/Elwell Intersection** - to provide a safe crossing of Canada Way for pedestrians, the intersection of Elwell and Canada Way has been identified as the most appropriate location

for a pedestrian crossing. The appropriate type of crossing would be determined by the Traffic Safety Committee of Council.

**3.3.2 Install a pedestrian crossing at Sixth Street/18th Avenue** - the warrant for this crossing is based on the high pedestrian volume at this location due to the proximity of the bus stops.

It is estimated that these pedestrian crossings could cost up to \$125,000 each, if signalized. Funding for these projects will need to be considered in the context of other priorities in the City's future Capital Budget review processes if endorsed by the Traffic Safety Committee and approved by Council. The pedestrian crossing on Canada Way, subject to a warrant analysis, could be eligible for cost-sharing with TransLink through its MRN Capital Program.

## **4.0 PUBLIC CONSULTATION**

### **4.1 Neighbourhood Open House**

As the traffic measures proposed in the draft Neighbourhood Traffic Plan have been discussed by the Lakeview/Sixth Residents Committee but have not been viewed by other residents of the area, it is proposed to hold an information meeting to present the draft Plan and receive input from neighbourhood residents. A public Open House to provide information and receive comment on the Neighbourhood Traffic Plan is proposed to be scheduled in the neighbourhood during 2003 June.

### **4.2 Questionnaire Survey**

A questionnaire survey would accompany the notification of the Neighbourhood Open House and would be sent to all households in the area as shown in Figure 1 attached to solicit their views on the draft Neighbourhood Traffic Plan. **Attachment A** is a draft questionnaire which would ask for resident opinion on the overall Plan as well as individual aspects of the Plan. The results will indicate the level of community support for the Plan and highlight any parts of the Plan that warrant review.

Subsequently, in 2003 September, the Neighbourhood Traffic Plan could be brought forward for consideration by the Transportation Committee and Council.

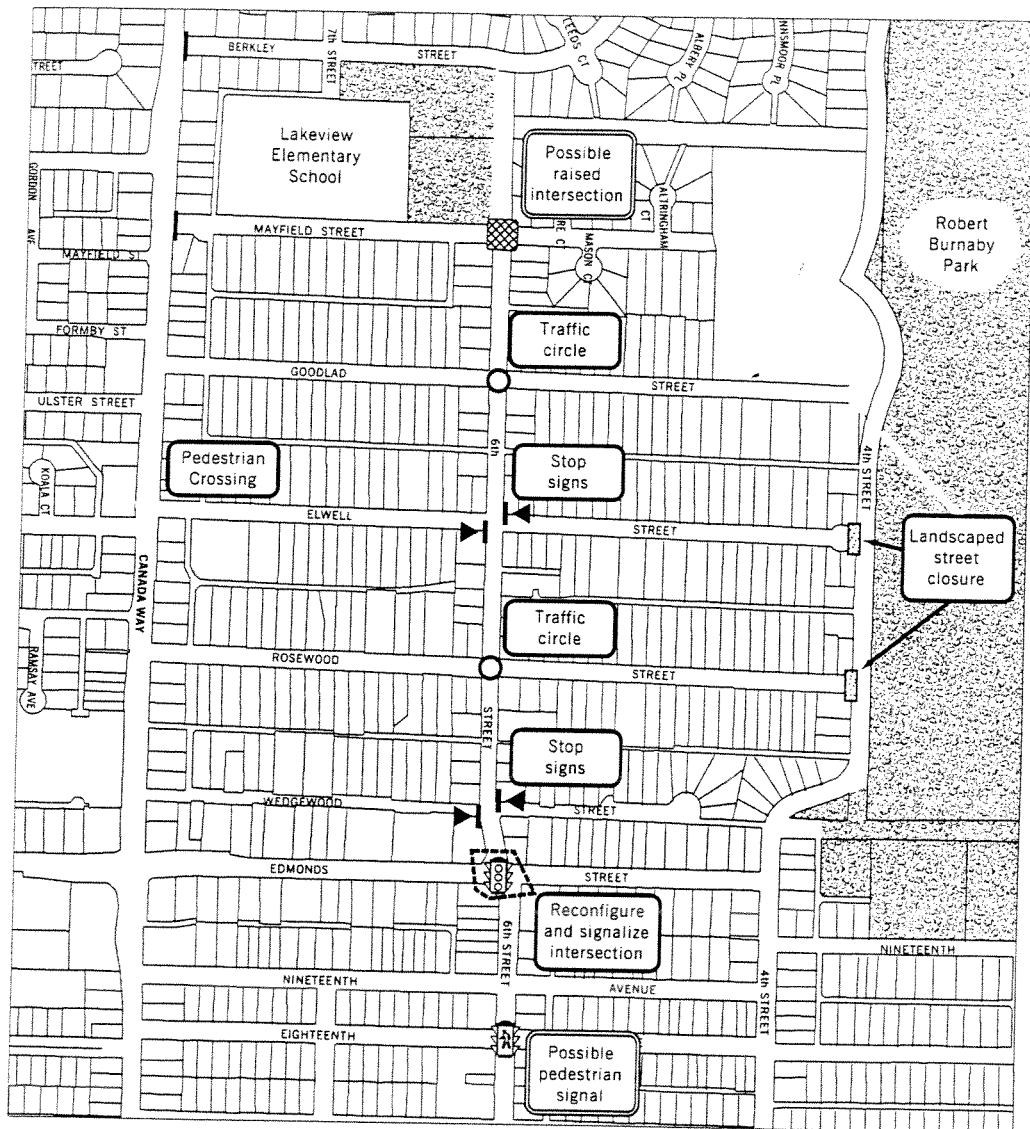
## **5.0 CONCLUSION**

The residents of the Lakeview/Sixth neighbourhood have formed a Residents Committee to address a number of issues in their neighbourhood including the volume and speed of commuter traffic, traffic safety at intersections and pedestrian safety. With the consultation



of the Transportation Committee and the Residents Committee, a draft Neighbourhood Traffic Plan as summarized below has been developed to address these traffic issues.

### Lakeview Sixth Neighbourhood Traffic Plan

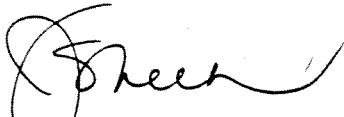


### Lakeview / 6th Street Neighbourhood Traffic Plan

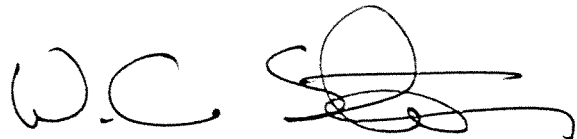
NOTE: If the traffic circles at Goodlad and Rosewood are approved through the LIP process, the stop signs at these locations would be removed.



As the traffic plan must be able to attract community support to be implemented, this report requests Committee approval of a public consultation process which will involve a public Open House and a questionnaire survey in 2003 May. Based on this input, the Transportation Committee and Council could be in a position to consider approval of a Neighbourhood Traffic Plan in 2003 June or September.



J. S. Belhouse, Director  
PLANNING AND BUILDING



W. C. Sinclair, Director  
ENGINEERING

RG/jc/sa  
Attachments (5)

cc: City Manager  
Director Finance

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Aerial Photograph of  
Lakeview - Sixth Area

DRAWN BY: AKE

SCALE: NTS

APPRV'D BY: PL

DATE: 22/05/02

Figure 1





Existing Stop Signs ●  
 Proposed Stop Signs ○



### Stop Sign Traffic Control on 6th Street (Phase 1)

DRAWN BY: AKE

SCALE: NTS

APPR'V'D BY: PL

DATE: 22/05/02

Figure 2





Proposed Traffic Circles ●



### Proposed Traffic Circles (Phase 1 )

DRAWN BY: AKE

SCALE: NTS

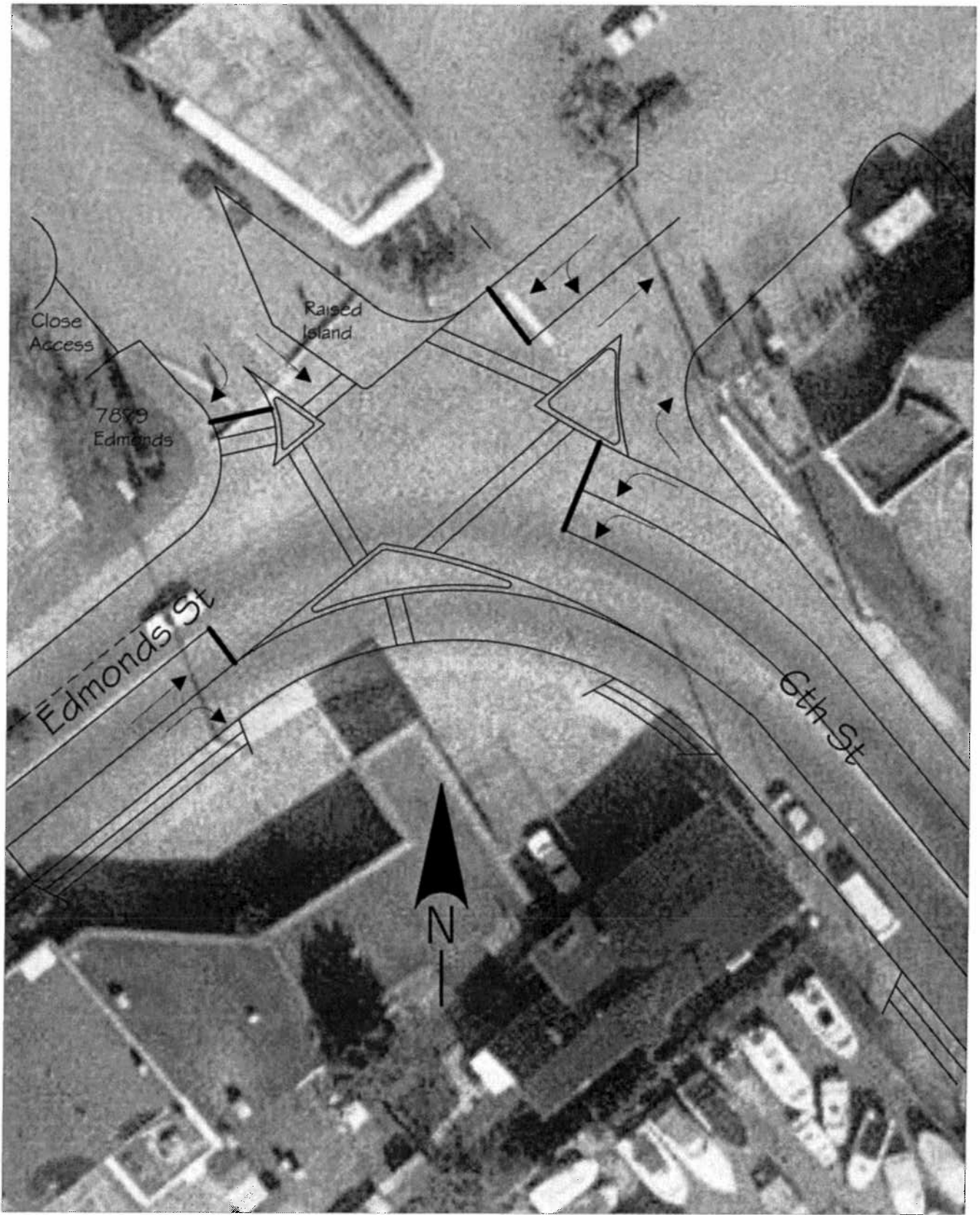
APPR'V'D BY: PL

DATE: 22/05/02

Figure 3







6th / Edmonds Intersection Reconfiguration  
( Phase 2 )

DRAWN BY: A.K.E	SCALE: N.T.S.
APPR'V'D BY: P.L.	DATE: 22/05/02

Figure 4



## Lakeview/Sixth Neighbourhood Traffic Plan



# Resident Survey



In 2002, February the residents of the Lakeview/Sixth neighbourhood approached the City of Burnaby to address a number of neighbourhood issues including traffic. The traffic issues included the volume and speed of short-cutting traffic on Sixth Street, the safety of the Edmonds Sixth intersection and the safety of pedestrians crossing both Canada Way and Sixth Street.

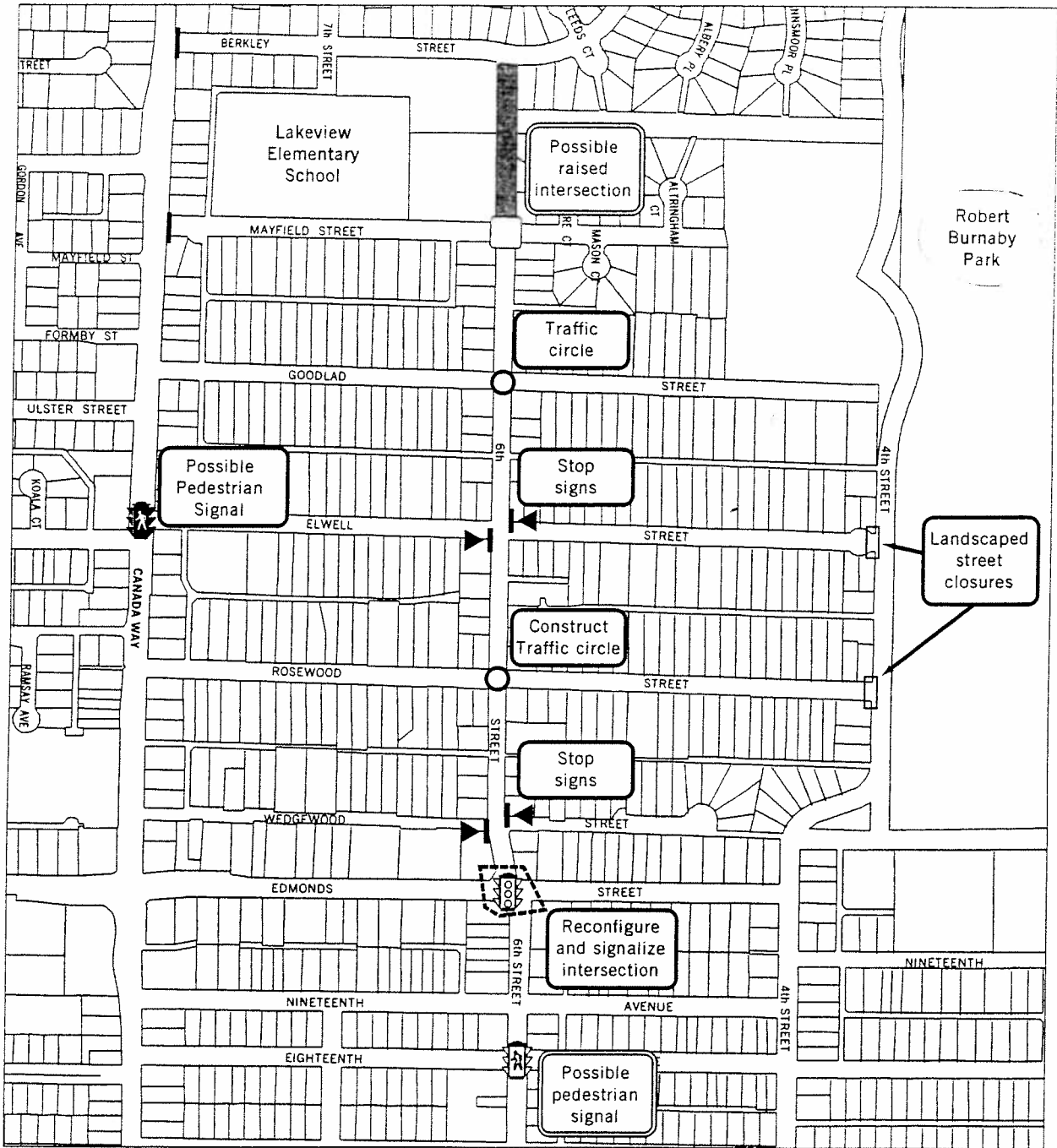
The City of Burnaby and the Lakeview/Sixth Resident Committee would appreciate your response to the draft Neighbourhood Traffic Plan which has been developed to address these issues.

**Please answer the questions on the following pages and return this questionnaire. You can:**

1. **Drop it off in the box at the Public Open House** at the Lakeview Elementary School on June from 5pm to 8pm.
2. **Mail it in to the City of Burnaby**, Planning Department, 4949 Canada Way, Burnaby, BC, V5G1M2.
3. **Fax it to the Planning Department** at 604-570-3680.
4. **Reply online** at [www.city.burnaby.ca](http://www.city.burnaby.ca) by clicking on Site Updates.
5. **Questions?** Call R. Glover, Manager Transportation Planning, at 604-294-7405.

Overall do you support the measures outlined in the Neighbourhood Traffic Plan as shown below?

Support \_\_\_\_\_ Neutral \_\_\_\_\_ Do Not Support \_\_\_\_\_



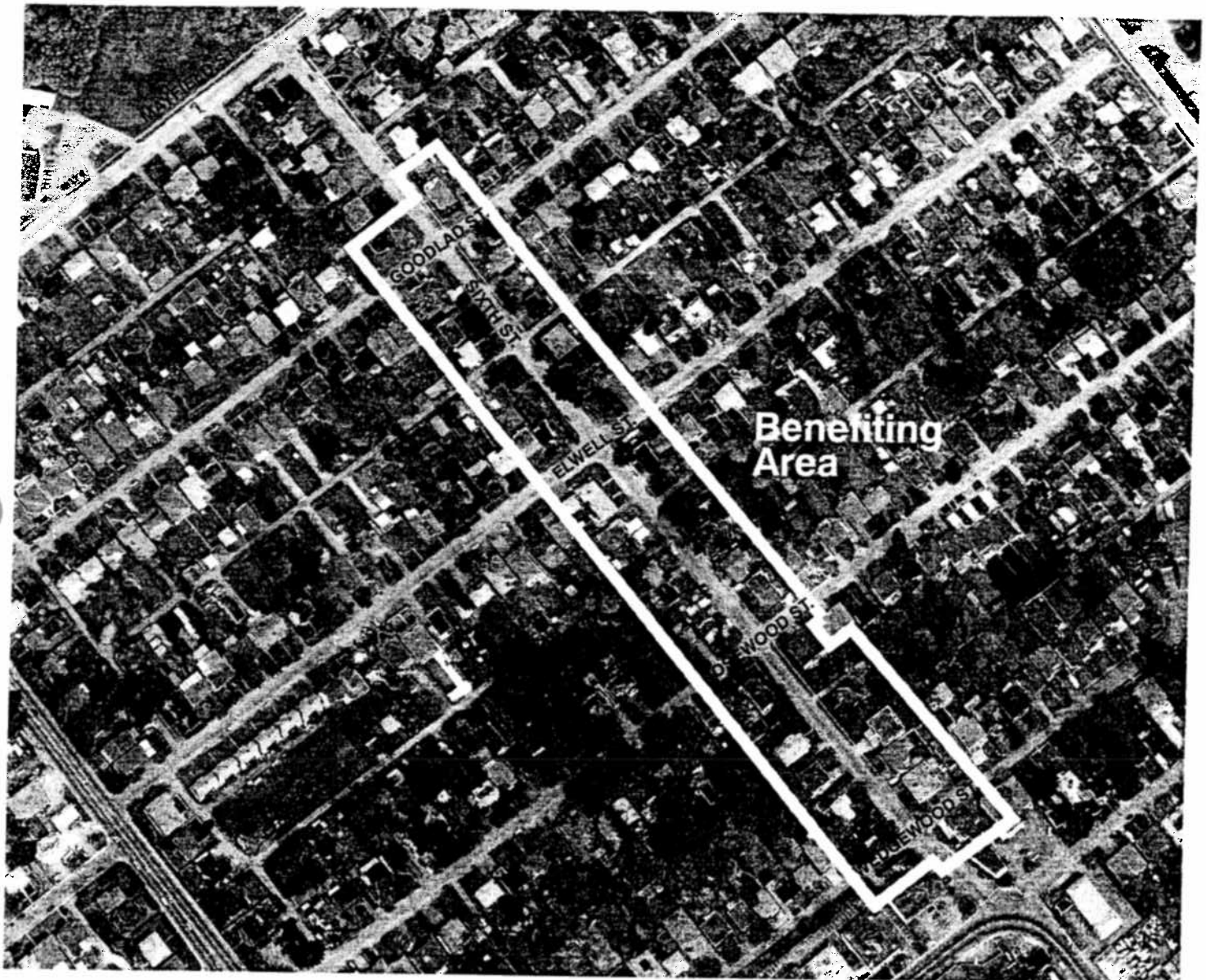
Lakeview/Sixth Neighbourhood Traffic Plan



Please indicate your response on page 6 to the following measures in the Neighbourhood Traffic Plan.

**Traffic Circles on Sixth at Rosewood and Sixth at Goodlad**

- Intended to slow down traffic on Sixth
- (100% funded through Local Improvement Program by Residents located in the benefitting area) shown below
- Cost per household estimated at \$35-\$40 per year for seven years





**Raised Intersection at 6<sup>th</sup> and Mayfield**  
as shown at right

Intersection would be raised by .2 metres to deter speeding



**Landscaped Street End Closures at 4<sup>th</sup> /Rosewood and 4<sup>th</sup> /Elwell**  
as shown at right



### **6<sup>th</sup> Street/Edmonds Intersection Signalization**

- *Improve vehicle and pedestrian safety*
- *Prevents northbound vehicles from entering Sixth (north of Edmonds)*
- *May encourage more southbound through-traffic on Sixth Street between Goodlad and Edmonds.*



### **Canada Way/Elwell Pedestrian Crossing**

*(shown at right)*

### **6<sup>th</sup> Street/18<sup>th</sup> Ave. Pedestrian Crossing**

*(shown on page 2)*

- *Provides safe crossings for transit users and other pedestrians*
- *May be a signalized pedestrian crossing or special crosswalk*



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