

**TRAFFIC SAFETY COMMITTEE**

*HIS WORSHIP, THE MAYOR  
AND COUNCILLORS*

**SUBJECT: 2011 LOCAL AREA SERVICE PROGRAM FOR SPEED HUMPS**

**RECOMMENDATIONS:**

1. THAT Council advance the requested speed humps, as discussed and recommended in this report, to the 2011 LASP process.
2. THAT Council send a copy of this report to the residents who requested speed humps as part of the 2011 LASP.

**REPORT**

The Traffic Safety Committee, at its meeting held on 2011 February 01, received and adopted the attached report to review applications for the 2011 speed hump program and recommend streets that should proceed to the Local Area Service Program (LASP) process.

Respectfully submitted,

Councillor S. Dhaliwal  
Chair

Councillor C. Jordan  
Vice Chair

Councillor P. McDonell  
Member

Copied to: City Manager Director Engineering
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**TO:** CHAIR AND MEMBERS  
TRAFFIC SAFETY COMMITTEE

**DATE:** 2011 January 11

**FROM:** DIRECTOR ENGINEERING

**FILE:** 34500 01

**SUBJECT:** 2011 LOCAL AREA SERVICE PROGRAM FOR SPEED HUMPS

**PURPOSE:** To review applications for the 2011 speed hump program and recommend streets that should proceed to the Local Area Service Program (LASP) process.

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**RECOMMENDATIONS:**

1. **THAT** The Committee recommend that Council advance the requested speed humps, as discussed and recommended in this report, to the 2011 LASP process.
2. **THAT** The Committee recommend that Council send a copy of this report to the residents who requested speed humps as part of the 2011 LASP.

**REPORT**

**1.0 BACKGROUND**

The Traffic Safety Committee annually reviews all requests for speed humps for inclusion in the current year's Local Area Service Program (LASP). Over the course of 2010 City staff has responded to numerous inquiries from residents about the process for installing speed humps along their street. Of those, a total of 11 residents have expressed a desire to initiate the LASP process for installing speed humps this year.

**2.0 REVIEW OF REQUESTS**

A review of the 11 applications for the 2011 Speed Hump LASP was completed and all were found to meet the general guidelines of the program (local residential road, less than 8% grade, and requested by a registered property owner). Brief descriptions of the applications are provided below.

As part of the review, the Fire Department was consulted to ensure that the proposed speed humps would not adversely affect their emergency response time significantly. It should be noted that speed humps are only installed on local streets to limit the cumulative impact of speed humps on emergency response times. Local collectors and other higher order streets are not eligible for speed hump installations. As well, the standard design of the speed hump was modified in 2007 to provide a smoother transition over the hump, thereby allowing slow moving vehicles to more comfortably and safely navigate over them.

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The Fire Department and Coast Mountain Bus Company have no objection to the program proposed.

## **2.1 Burnaby Heights Neighbourhood and Surrounding Area (Exhibit 1 & 2)**

Requests for speed humps along the 5 following streets within the Burnaby Heights Neighbourhood and surrounding area were received:

- 0000 block Carleton (Oxford – Triumph)
- 4300 block Cambridge (Madison – Rosser)
- 4200 block Eton St (Carleton – Madison)
- 4500 block Georgia (Alpha – Willingdon)
- 4400 block Union (Rosser – Willingdon)

4 out of the 5 requests are along local streets that are constructed to an 8.5m wide finished standard with concrete curb and gutter while Carleton is constructed to a 7m wide interim standard road. All streets are fronted by single family homes except on the west side of Carleton between Dundas and Triumph which is fronted by Gilmore Community School.

The installation of speed humps throughout the Burnaby Heights and surrounding areas will help address the ongoing traffic concerns of some residents in the neighbourhood. It is recommended that the requested LASP speed humps proceed.

### **2.1 4900 - 5100 block Sidley St (Exhibit 3)**

The 4900 - 5100 block of Sidley St between Royal Oak and Nelson is fronted by single family homes and is constructed to an 8.5m wide finished standard.

It is recommended that the requested LASP speed hump proceed.

### **2.2 5200 - 5500 block Patrick St (Exhibit 4)**

The 5200 - 5500 block of Patrick St between Royal Oak and MacPherson is fronted by single family homes. The road is constructed to an 8.5m wide finished standard.

It is recommended that the requested LASP speed hump proceed.

### **2.3 7400 block Stanley St (Exhibit 5)**

The 7400 block of Stanley St is fronted by single family homes on an 8.5m wide finished standard road. Stanley St between Buckingham and Malvern is surrounded by other traffic calming devices such as speed humps, traffic circles and raised crosswalks along other nearby streets.

It is recommended that the requested LASP speed hump proceed.

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#### **2.4 8000 block 18th Ave (Exhibit 6)**

The 8000 block of 18th Ave between 2nd St and 4th St is fronted by single family homes on an 8.5m wide finished standard road. This portion of 18th Ave is surrounded by other local streets with speed humps.

It is recommended that the requested LASP speed hump proceed.

#### **2.5 7100 block 18th Ave (Exhibit 7)**

This portion of 18th Ave between 18th St and Leaside is fronted by single family homes on the north side and by multi-family dwellings on the south side on an 11m wide finished standard road. This installation would complement and enhance the 30km/h zone in front of Poplar Park on 18th Ave. Speed humps were installed on 18th Ave between 16th St and Leaside in 2010.

It is recommended that the requested LASP speed hump proceed.

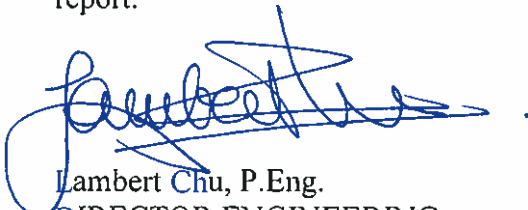
#### **2.6 4000 block Napier St (Exhibit 8)**

The 4000 block Napier St between Gilmore Ave and MacDonald Ave is fronted by single family homes on an 8.5 wide finished standard road.

It is recommended that the requested LASP speed hump proceed.

### **3.0 RECOMMENDATION**

Staff recommend that all of the above requested LASP speed humps proceed as outlined in this report.



Lambert Chu, P.Eng.  
DIRECTOR ENGINEERING

SC/br  
Enclosure

Copied to: City Manager



# Exhibit 1

January 11, 2011



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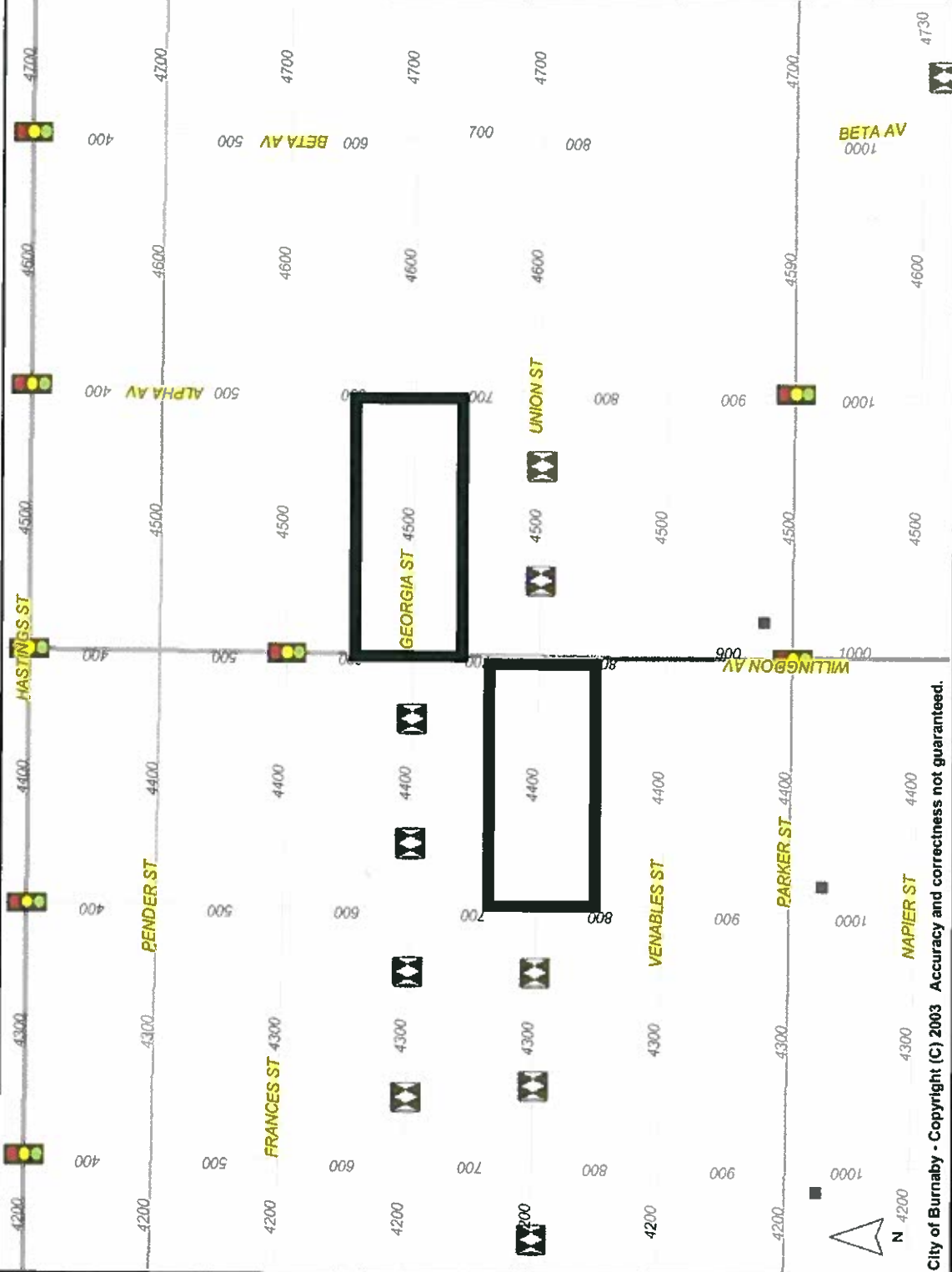
2011 LASP PROGRAM

Map Scale  
1 : 5000



## Exhibit 2

January 10, 2011



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Map Scale  
1 : 5000



# Exhibit 3

January 10, 2011

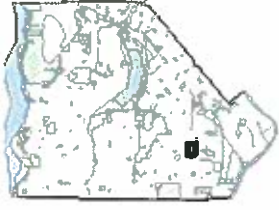


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2011 LASP PROGRAM

Map Scale  
1 : 5000



- |                          |                      |                     |                  |                                |                 |                 |
|--------------------------|----------------------|---------------------|------------------|--------------------------------|-----------------|-----------------|
| <b>Selected Features</b> | <b>Freeway</b>       | <b>Hydrology</b>    | <b>Parks</b>     | <b>Parkland To Be Acquired</b> | <b>Parkland</b> | <b>Boundary</b> |
| Strata Units             | Freeway              | Hydrology           | Parks            | Parkland To Be Acquired        | Parkland        | Boundary        |
| Skytrain Stations        | Skytrain Lines       | Air Space Addresses | Strata Addresses | Addresses                      | Air Space       | Lot             |
| Right of Way             | Street Intersections | Traffic Signal      | Speed Humps      | Speed Humps                    | Roads           | Private         |
| Residential              | Collector            | Arterial (cont.)    |                  |                                |                 |                 |

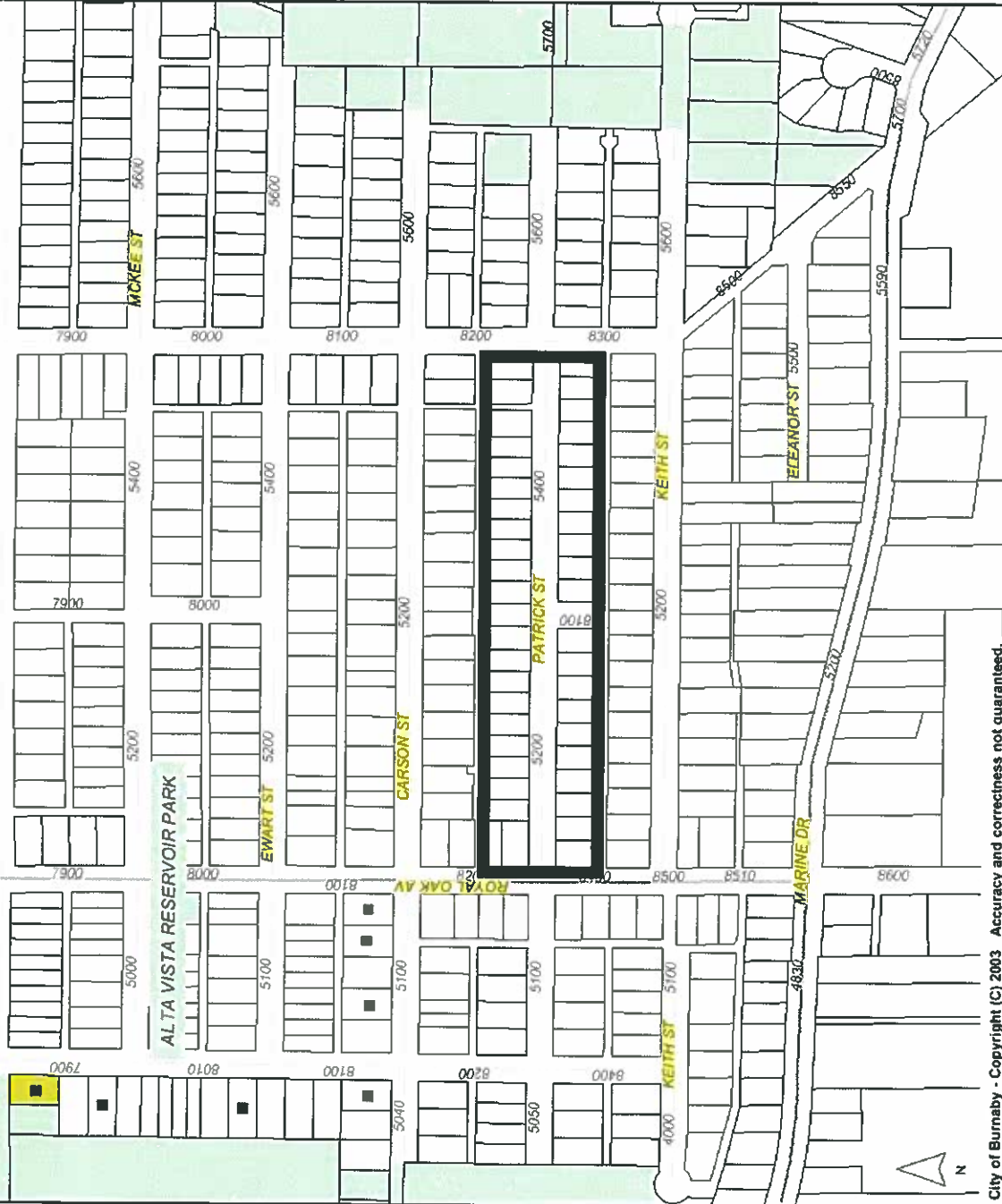




- The map displays the San Francisco Peninsula, including the city of San Francisco, the Golden Gate Bridge, and the surrounding hills and water. A legend on the right side of the map identifies various features:

  - Selected\_Features**: A pink square icon.
  - Strata Units**: A black square icon.
  - Skytrain Stations**: A blue circular icon with a white center.
  - Skytrain Lines**: An orange line icon with a white center.
  - Air Space Addresses**: A blue circular icon with a white center.
  - Strata Addresses**: A blue circular icon with a white center.
  - Addresses**: A blue circular icon with a white center.
  - Air Space**: A blue circular icon with a white center.
  - Lot**: A white square icon.
  - Right of Way**: A white square icon.
  - Street Intersections**: A white square icon.
  - Traffic Signal**: A yellow and black traffic light icon.
  - Speed Humps**: A yellow and black speed hump icon.
  - Speed Humps**: A yellow and black speed hump icon.
  - Roads**: A yellow and black road icon.
  - Private**: A yellow and black private road icon.
  - Residential**: A yellow and black residential road icon.
  - Collector**: A yellow and black collector road icon.
  - Arenal**: A yellow and black arenal road icon.
  - Front**: A yellow and black front road icon.
  - Freeway**: A yellow and black freeway icon.
  - Hydrology**: A blue and white hydrology icon.
  - Parks**: A green and white park icon.
  - Parkland To Be Acquired**: A green and white parkland icon.
  - Parkland**: A green and white parkland icon.
  - Boundary**: A white square icon.

Map Scale  
1 : 5000



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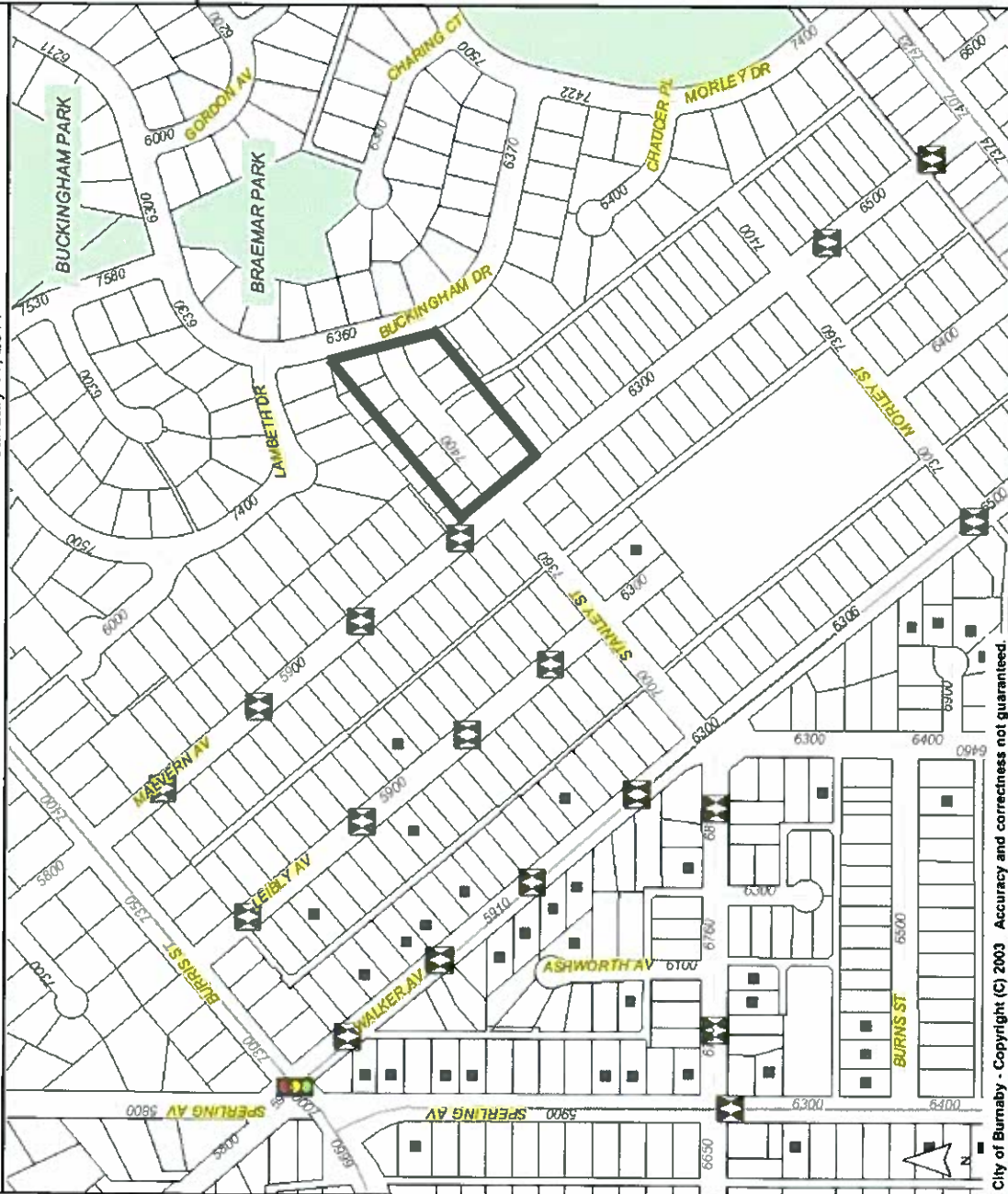
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# Exhibit 5

January 11, 2011



- |                          |                |                         |
|--------------------------|----------------|-------------------------|
| <b>Selected Features</b> | <b>Freeway</b> | <b>Hydrology</b>        |
| Strata Units             | Parks          | Parkland To Be Acquired |
| Skytrain Stations        | Parkland       | Boundary                |
| Skytrain Lines           |                |                         |
| Air Space Addresses      |                |                         |
| Strata Addresses         |                |                         |
| Addresses                |                |                         |
| Air Space                |                |                         |
| Lot                      |                |                         |
| Right of Way             |                |                         |
| Street Intersections     |                |                         |
| Traffic Signal           |                |                         |
| Speed Humps              |                |                         |
| Speed Humps              |                |                         |
| Roads                    |                |                         |
| Private                  |                |                         |
| Residential              |                |                         |
| Collector                |                |                         |
| Arterial (cont)          |                |                         |

Map Scale  
1 : 5000

2011 LASP PROGRAM

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## Exhibit 6

January 10, 2011

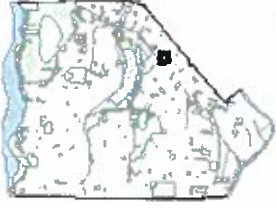


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2011 LASP PROGRAM

Map Scale  
1 : 5000



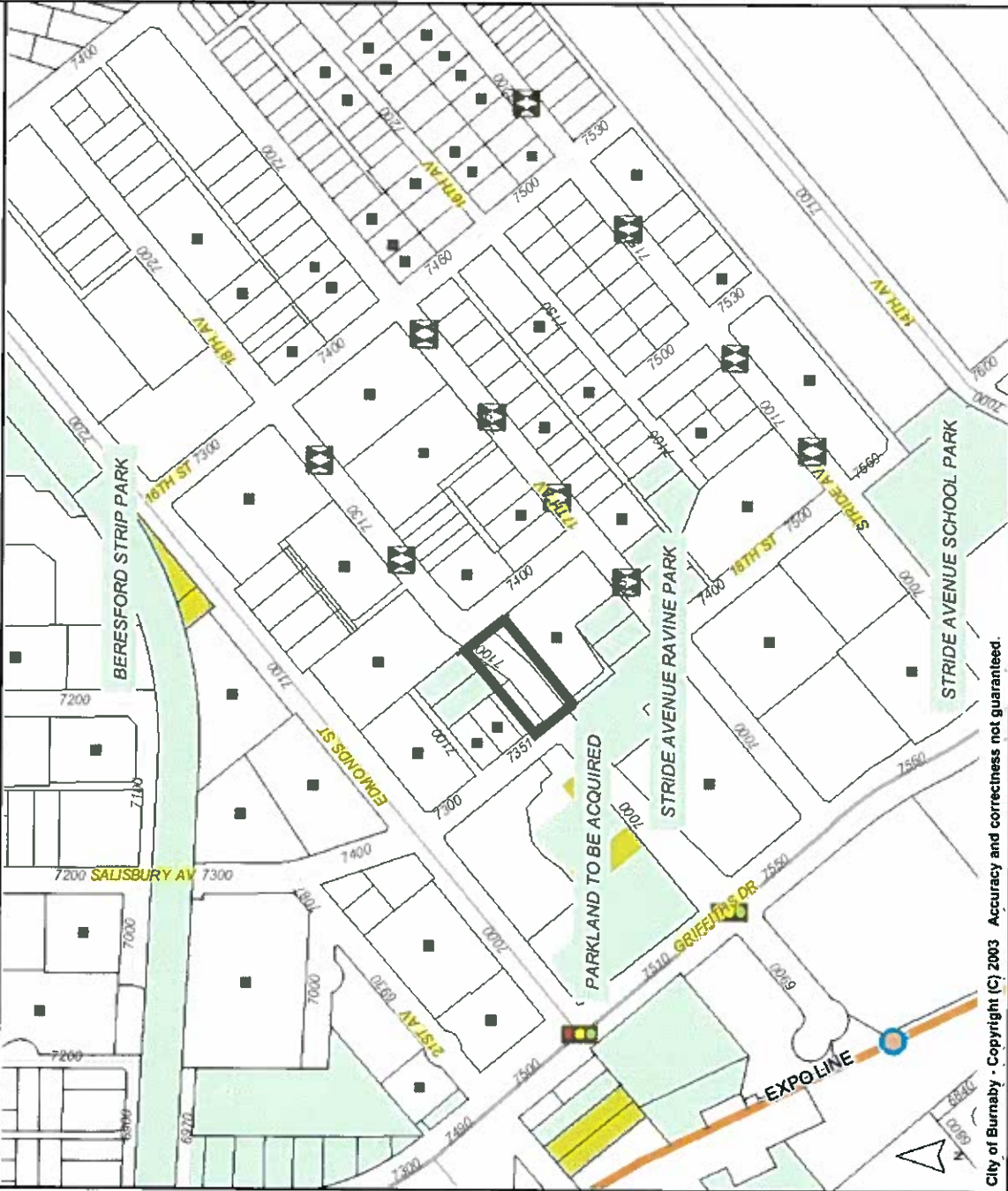
- |                          |                |                  |              |                                |                 |                 |
|--------------------------|----------------|------------------|--------------|--------------------------------|-----------------|-----------------|
| <b>Selected Features</b> | <b>Freeway</b> | <b>Hydrology</b> | <b>Parks</b> | <b>Parkland To Be Acquired</b> | <b>Parkland</b> | <b>Boundary</b> |
| Strata Units             | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Skytrain Stations        | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Skytrain Lines           | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Air Space                | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Strata Addresses         | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Addresses                | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Air Space                | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Lot                      | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Right of Way             | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Street Intersections     | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Traffic Signal           | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Speed Humps              | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Speed Humps              | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Roads                    | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Private                  | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Residential              | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Collector                | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Arterial (cont.)         | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |





# Exhibit 7

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2011 LASP PROGRAM

Map Scale  
1 : 5000



- |                          |                |                  |              |                                |                 |                 |
|--------------------------|----------------|------------------|--------------|--------------------------------|-----------------|-----------------|
| <b>Selected Features</b> | <b>Freeway</b> | <b>Hydrology</b> | <b>Parks</b> | <b>Parkland To Be Acquired</b> | <b>Parkland</b> | <b>Boundary</b> |
| Strata Units             | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Skytrain Stations        | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Skytrain Lines           | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Air Space Addresses      | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Strata Addresses         | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Addresses                | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Air Space                | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Lot                      | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Right of Way             | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Street Intersections     | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Traffic Signal           | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Speed Humps              | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Speed Humps              | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Roads                    | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Private                  | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Residential              | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Collector                | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |
| Arterial (cont.)         | Freeway        | Hydrology        | Parks        | Parkland To Be Acquired        | Parkland        | Boundary        |



## January 10, 2011

PARKER ST[illegible][illegible]

1268	1263				
3942	3980	1211			
3960					
3970					
			4058	4064	
					1204
					1222
					1240
					1252

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<p>accuracy. The City of Burnaby disclaims all responsibility for the accuracy or completeness of information contained herein.</p>	<p>2011 LASP PHUGHAM</p>
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- The map displays the San Francisco Peninsula with various transportation and land use features. The legend on the left identifies the following categories and their corresponding symbols:

  - Selected\_Features:**
    - Freeway: Blue line with white dashed center
    - Hydrology: Blue wavy line
    - Parks: Green area
    - Parkland To Be Acquired: Yellow area
    - Parkland: Light green area
    - Boundary: Black outline
  - Strata Units:**
    - Skytrain Stations: Blue circle with white center
    - Skytrain Lines: Blue line with white dashed center
    - Air Space Addresses: Orange arrow
  - Addresses:**
    - Air Space: Blue circle with white center
    - Lot: White square
    - Right of Way: White square
    - Street Intersections: White square
  - Traffic Signal:** Red, yellow, and green circles
  - Speed Humps:** White square
  - Speed Humps:** White square
  - Roads:** White line
  - Private:** White line
  - Residential:** White line
  - Collector:** White line
  - Arterial (cont.):** White line

Map Scale  
1 : 2500

2011 LASP PROGRAM

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