



CITY OF RICHMOND

REPORT TO COMMITTEE

TO: Public Works and Transportation Committee *To PW&T - DECEMBER 6, 2000*
 FROM: Gordon Chan, P. Eng. DATE: November 9, 2000
 Manager, Transportation FILE: 8060-01 20- 7198

RE: **CITY OF RICHMOND TRAFFIC BYLAW AMENDMENT – PROVISIONS FOR
 PARKING IN LANE AND HOURS OF PARKING RESTRICTIONS FOR
 COMMERCIAL AND LARGE VEHICLES ON ROADWAYS**

STAFF RECOMMENDATION

That Bylaw 7198, which amends Traffic Bylaw 5870 to allow parking to be designated in lanes in the 7000 block of Gilbert Road and to establish consistent hours of parking restrictions for commercial and large vehicles on roadways, as set out in the attached report by the Manager, Transportation be given first, second and third reading.

Gordon Chan, P. Eng.
Manager, Transportation

Att. 1

FOR ORIGINATING DIVISION USE ONLY		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Community Bylaws and Administration	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
Fire Rescue	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
City Clerk	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
Law	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

STAFF REPORT

ORIGIN

In November, 1999 City Council endorsed a staff recommendation to introduce a 24-hour "No Parking" and "No Stopping" restriction on selected arterial roads to address traffic safety concerns regarding conflicts between the flow of moving vehicles and parked vehicles. Gilbert Road between Steveston Highway and Westminster Highway was one of five arterial roads identified for implementation of the restriction. In response to Council's directive, a 24-hour parking ban on Gilbert Road between Steveston Highway and Granville Avenue has recently been introduced. Staff are currently reviewing the status of on-street parking on Gilbert Road between Granville Avenue and Westminster Highway. A recommendation on this issue is expected shortly.

Following the implementation of the parking restriction on Gilbert Road south of Granville Avenue, the Public Works and Transportation Committee (at the November 8, 2000 meeting) received a delegation proposing the use of the lane behind the east side of the 7000 block of Gilbert Road for parking. The Committee has directed staff to investigate the feasibility of allowing parking in the lane.

In addition to the above issue, staff have also found an inconsistency in the hours of general parking restrictions for commercial and large vehicles on roadways contained in the existing Traffic Bylaw. This inconsistency needs to be addressed administratively.

This report therefore presents the results of this investigation and proposes amendments to the Traffic Bylaw to allow for:

- (1) Parking on selected lane ways; and
- (2) Establishing consistent hours of parking restrictions for commercial and large vehicles on roadways.

ANALYSIS

1. Potential Location of Parking

The lane in question is located at the rear of the apartment complexes on the east side of the 7000 block of Gilbert Road between Blundell Road and Granville Avenue. Access to the lane is from Gilbert Road at either end of the lane. The lane serves as a primary fire access for the apartment buildings fronting on Gilbert Road and the apartment buildings directly behind that front on Moffat Road.

Parking on the two east-west sections of the lane (perpendicular to Gilbert Road) is not possible as the lane width in these sections is 6 metres, which is the required minimum clearance for emergency vehicles.

Of the portion of the lane parallel to Gilbert Road, the east side of the lane has four fire hydrants located along its length, each of which requires a 5 metre parking clearance. Therefore, parking is considered practical only on the west side of the lane parallel to Gilbert Road.

2. Potential Available Space for Parking

A survey of the portion of the lane parallel to Gilbert Road indicates that it is 9 metres wide, except for three sections where it narrows to 6 metres wide due to adjacent property boundaries. The 9 metre wide sections will provide sufficient clearance for a total of 20 parallel parking spaces on the west side of the lane. The proposed locations of the parking stalls are shown in Attachment 1.

The proposed parking spaces will be available for use by the general public and will not be restricted to use by residents of and/or visitors to the apartment complexes along the east side of the 7000 block of Gilbert Road.

The Fire and Rescue Department has viewed the site and the proposed locations of the parking spaces with Transportation staff and has given its concurrence with the proposal.

3. Parking Bylaw Amendment

An amendment to Traffic Bylaw 5870 will be required to allow parking in the lane as the current City Traffic Bylaw does not allow parking in lanes. The amendment will consist of deleting clause (i) of Section 12.3 (Parking and Stopping Vehicles) and by substituting the following:

12.3 No person shall stop or stand a vehicle:

- (i) in or upon any lane, except:
 - (i) for commercial vehicles engaged in loading or unloading of materials; or
 - (ii) where parking is designated by sign or road markings.

4. Change of Hours of Parking Restrictions

In addition, an administrative change to the Bylaw is also required at the same time pertaining to parking of commercial vehicles on roadways. The following proposed change is to amend the times shown in subsection 12.9 from "6:00 a.m. and 10:00 p.m." to "7:00 a.m. and 7:00 p.m." so that they are consistent with the times specified in subsection 12.8 for restricting parking of vehicles that are 5,000 kilograms or greater in weight on roadways.

12.9 No person shall park a commercial vehicle, or combination of vehicles, for a period longer than 3 hours between the hours of 7:00 a.m. and 7:00 p.m., on any highway abutting any property used for business purposes unless the said property be owned or occupied by such person or his employer.

FINANCIAL IMPACT

The cost of painting the new parking spaces, removing the existing "No Parking" signage and installing new signage is estimated at \$2,000. It is proposed that the cost of providing parking spaces on the west side of the lane be funded from the 2000 Minor Capital Works Program.

CONCLUSION

Staff have investigated the feasibility of allowing parking in the lane behind the east side of Gilbert Road between Blundell Road and Granville Avenue. The analysis indicates that 20 parallel parking spaces are possible on the west side of the lane, with no infringement of the required clearances for emergency vehicle access. Amendments to the existing Traffic Bylaw 5870 will be required to allow designated parking in the lane as well as to establish consistent hours of parking restrictions for commercial vehicles and large vehicles on roadways.



Joan Caravan
Transportation Planner



Doug Newton
Traffic Technician I

DN:JC:lce

CITY OF RICHMOND
TRAFFIC BYLAW NO. 5870,
AMENDMENT BYLAW NO. 7198

The Council of the City of Richmond enacts as follows:

1. Bylaw No. 5870 is amended:

- (a) by deleting clause (i) of Section 12.3 (Parking and Stopping Vehicles) and by substituting the following:

“(i) in or upon any lane, except:

- (i) for commercial vehicles engaged in loading or unloading of materials; or
(ii) where parking is designated by sign or road markings.”; and

- (b) by deleting subsection 12.9 and by substituting the following:

“12.9 No person shall park a commercial vehicle, or combination of vehicles, for a period longer than 3 hours between the hours of 7:00 a.m. and 7:00 p.m., on any highway abutting any property used for business purposes unless the said property be owned or occupied by such person or his employer.”

2. This bylaw is cited as “**Traffic Bylaw No. 5870, Amendment Bylaw No. 7198**”.

FIRST READING

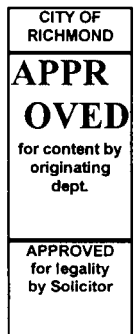
SECOND READING

THIRD READING

ADOPTED

MAYOR

CITY CLERK





GILBERT ROAD

Multi Family Dwellings

9 m

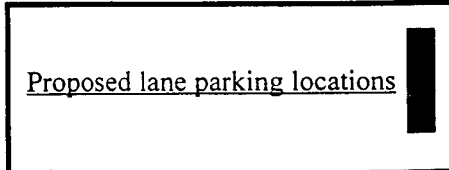
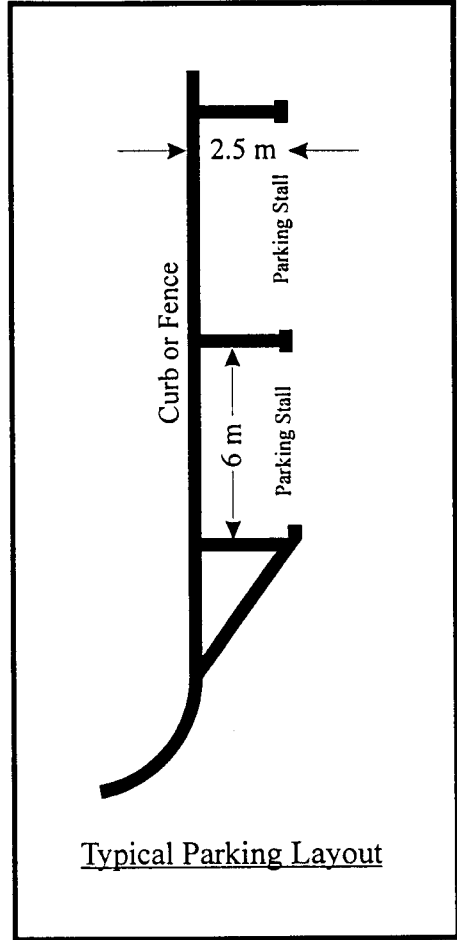
Multi Family Dwellings

LANE

Multi Family Dwellings

6 m

9 m



TITLE: Lane Parking Layout
158 7000 Blk. Gilbert Road (East Side)

DESIGN: DN	DWG No. C://GilbertLane.cdr	
DRAWN: DN	SCALE: NTS	DATE: November 23, 2000
CHECKED:	SEC. No.	SHT. No. 1/1
ENGINEER:		