
TRAFFIC SAFETY COMMITTEE

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

SUBJECT: INTERSECTION OF DAWSON STREET AND MADISON AVENUE

RECOMMENDATIONS:

1. THAT Council approve an expenditure of \$220,000 (inclusive of 12% HST) in 2012 for the installation of a traffic signal at the intersection of Dawson Street and Madison Avenue, as outlined in this report; and staff be authorized to bring down a Capital Works Expenditure Bylaw in the amount of \$220,000 for the works and;
2. THAT a copy of this report be sent to Mr. Adam Lord, Property Manager, Stratawest Management Ltd., #202 – 224 West Esplanade, North Vancouver, BC, V7M 1A4.

REPORT

The Traffic Safety Committee, at its meeting held on 2011 November 01, received and adopted the *attached* report to review a request for a traffic signal at the intersection of Dawson Street and Madison Avenue.

A review of the collision history at the intersection did reveal a relatively high number of collisions within the last four years (2007-2010). Despite past efforts to improve safety, there have been at least 10 collisions per year with the highest number of collisions reached in 2010. Because of this trend, it is recommended that a traffic signal be installed at the intersection to enhance safety. The continuing increase in pedestrian and vehicular activity in the area from redevelopments will also be well served by a traffic signal at this intersection.

Respectfully submitted,

Councillor S. Dhaliwal
Chair

Councillor C. Jordan
Vice Chair

Councillor P. McDonell
Member

Copied to: City Manager Director Engineering

TO: CHAIR AND MEMBERS
TRAFFIC SAFETY COMMITTEE

DATE: 2011 October 26

FROM: DIRECTOR ENGINEERING

FILE: 38000 20
Ref: Traffic Safety

SUBJECT: INTERSECTION OF DAWSON ST AND MADISON AVE

PURPOSE: To review a request for a traffic signal at the intersection of Dawson St and Madison Ave.

RECOMMENDATIONS:

1. **THAT** the Committee recommend to Council an expenditure of \$220,000 (inclusive of 12% HST) be approved in 2012 for the installation of a traffic signal at the intersection of Dawson St and Madison Ave, as outlined in this report; and staff be authorized to bring down a Capital Works Expenditure Bylaw in the amount of \$220,000 for the works and;
2. **THAT** the Committee recommend that Council send a copy of this report to Mr. Adam Lord, Property Manager, Stratawest Management Ltd., #202 – 224 West Esplanade, North Vancouver, BC, V7M 1A4.

REPORT

BACKGROUND

Requests for additional traffic controls at the intersection of Dawson and Madison have been received periodically since 2007. In response to concerns raised, parking near the intersection was restricted to improve visibility, and a marked pedestrian crosswalk was installed in 2009 December to facilitate pedestrian crossings. Most recently, a letter dated 2011 October 05 was received from Mr. Adam Lord, Property Manager, on behalf of the “One Madison Avenue 1” residents located at 2345/2355 Madison Ave. Mr. Lord requested a traffic signal at the intersection to improve safety and access.

The intersection of Dawson and Madison has been reviewed on several occasions in the past few years in response to requests for a traffic signal. Most requestors cite the difficulty in getting access from Madison (the local street) to Dawson (the collector street) due to the volume and speed of traffic along Dawson. Currently vehicles travelling along Dawson are provided the

To: Traffic Safety Committee
From: Director Engineering
Re: Dawson St and Madison Ave
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right-of-way, while vehicles along Madison are controlled by stop signs. An aerial photo of the intersection is shown in *Figure 1*.

DISCUSSION

A comparison of traffic counts at the intersection completed in 2008 and 2011 during the morning and afternoon peak periods do not show any appreciable change. Not surprisingly, the latest traffic signal warrant analysis continues to show that a traffic signal is not technically warranted. This analysis considers traffic volumes, pedestrian volumes, roadway conditions and adjacent land uses. Despite this, it is acknowledged that vehicles travelling on Madison Ave may have difficulty accessing Dawson St during peak periods, but this is not necessarily unusual given the roadway classifications and their general purpose.

A review of the collision history at the intersection did reveal a relatively high number of collisions within the last four years (2007-2010). Despite past efforts to improve safety, there have been at least 10 collisions per year with the highest number of collisions reached in 2010. Because of this trend, it is recommended that a traffic signal be installed at the intersection to enhance safety. The continuing increase in pedestrian and vehicular activity in the area from redevelopments will also be well served by a traffic signal at this intersection.

Installation of the traffic signal at Dawson and Madison is proposed in 2012. Total cost is estimated at \$220,000 (inclusive of 12% HST) and these expenditures are included in the Traffic Management component of the 2012 – 2016 Provisional Capital Program. It is recommended that staff be authorized to bring down a Capital Works Expenditure Bylaw in the amount of \$220,000 to finance the proposed works. Funding allocated from nearby developments and any potential cost sharing from ICBC will also be applied to offset some City cost for this road safety improvement.

Lambert Chu, P. Eng.
DIRECTOR ENGINEERING

DL/br

Copied to: City Manager
Director of Finance

Attachment