

COMMITTEE OF THE WHOLE – AUGUST 31, 2010

INTERSECTION OF COLES AVENUE/HAWMAN AVENUE AND KIPLING AVENUE PROPOSED TEMPORARY PEDESTRIAN SIGNAL WARD 2

Recommendation

The Commissioner of Engineering and Public Works recommends:

That a temporary pedestrian signal be approved approximately 10m north of the intersection of Coles Avenue/Hawman Avenue and Kipling Avenue, as a condition of the Road Occupancy Permit to be issued to the Applicant, Trimax Developments, for 7730 Kipling Avenue.

Contribution to Sustainability

The installation of a temporary pedestrian signal at this location will provide pedestrians a safe crossing area during construction of 7730 Kipling Avenue.

Economic Impact

There will not be an impact on the City of Vaughan as all the associated costs to install the temporary pedestrian signal shall be incurred by the Applicant.

Communications Plan

Engineering Services staff have been in communication with the West Woodbridge Homeowners Association regarding this matter. Council's decision on this matter will be communicated to the West Woodbridge Homeowners Association as well as the principal of Woodbridge Public School.

Purpose

To review the requirement to provide a temporary pedestrian signal at approximately 10m north of the intersection of Coles Avenue/Hawman Avenue and Kipling Avenue as a condition of the Road Occupancy Permit (see Attachment No. 1).

Background – Analysis and Options

Engineering Services received a request for a Road Occupancy Permit from Trimax Developments as part of the construction of a new commercial/residential building on the southwest corner of Highway 7 and Kipling Avenue. The building will have a "zero setback", and as a result, the Applicant is seeking approval to temporarily close the western sidewalk on Kipling Avenue between Highway 7 and Coles Avenue to facilitate construction as well as place the construction trailer within the boulevard. The anticipated duration of construction activities that will require the closure of the sidewalk is approximately 12 to 18 months.

Given the importance of ensuring pedestrian safety, one of the terms and conditions of the Road Occupancy Permit will require that the Applicant provide a temporary pedestrian signal approximately 10m north of the intersection of Coles Avenue/Hawman Avenue and Kipling Avenue. A pedestrian signal will provide the most effective method of stopping vehicular traffic and allowing safe passage for pedestrians. In addition to providing a temporary pedestrian signal, the applicant will be required to install the appropriate pavement markings and signage to improve the overall visibility of the pedestrian crossing and assist local drivers.

The proposed signal location was reviewed by Traffic Engineering staff. The intersection was built with the two roadways, Coles Avenue and Hawman Avenue offset to one another. There is no sidewalk on the southeast corner. Kipling Avenue has an existing sidewalk on both sides from Coles Avenue/Hawman Avenue to Highway 7. It was determined that the most appropriate location for the temporary pedestrian signal would be on the north side of Coles Avenue and Hawman Avenue, approximately 10 metres north of the intersection. The Applicant will ensure that the installation of the temporary pedestrian signal, pavement markings and signs meet all Provincial standards and guidelines. The Applicant will also be required to construct a sidewalk connection and curb depressions on both sides of Kipling Avenue for accessibility.

The applicant has explored all options to have the construction trailer located at an alternate location, however, the only reasonable location for the trailer is on the west boulevard of Kipling Avenue (where it is currently placed).

Relationship to Vaughan Visions 2020/Strategic Plan

In consideration of the strategic priorities related to Vaughan Vision 2020, the recommendations of this report will assist in:

- Pursue Excellence in Service Delivery; and
- Enhance and Ensure Community Safety, Health & Wellness.

This report is consistent with the priorities previously set by Council.

Regional Implications

Not Applicable.

Conclusion

Based on Engineering Services staff's review, it is recommended that a temporary pedestrian signal be approved approximately 10m north of the intersection of Coles Avenue/Hawman Avenue and Kipling Avenue, as a condition of the Road Occupancy Permit to be issued to the Applicant, Trimax Developments, for 7730 Kipling Avenue.

Attachments

1. Location Map

Report prepared by:

Jennifer Simpson, Utility Coordinator, ext. 3135
Mike Dokman, Supervisor, Traffic Engineering, ext. 3118

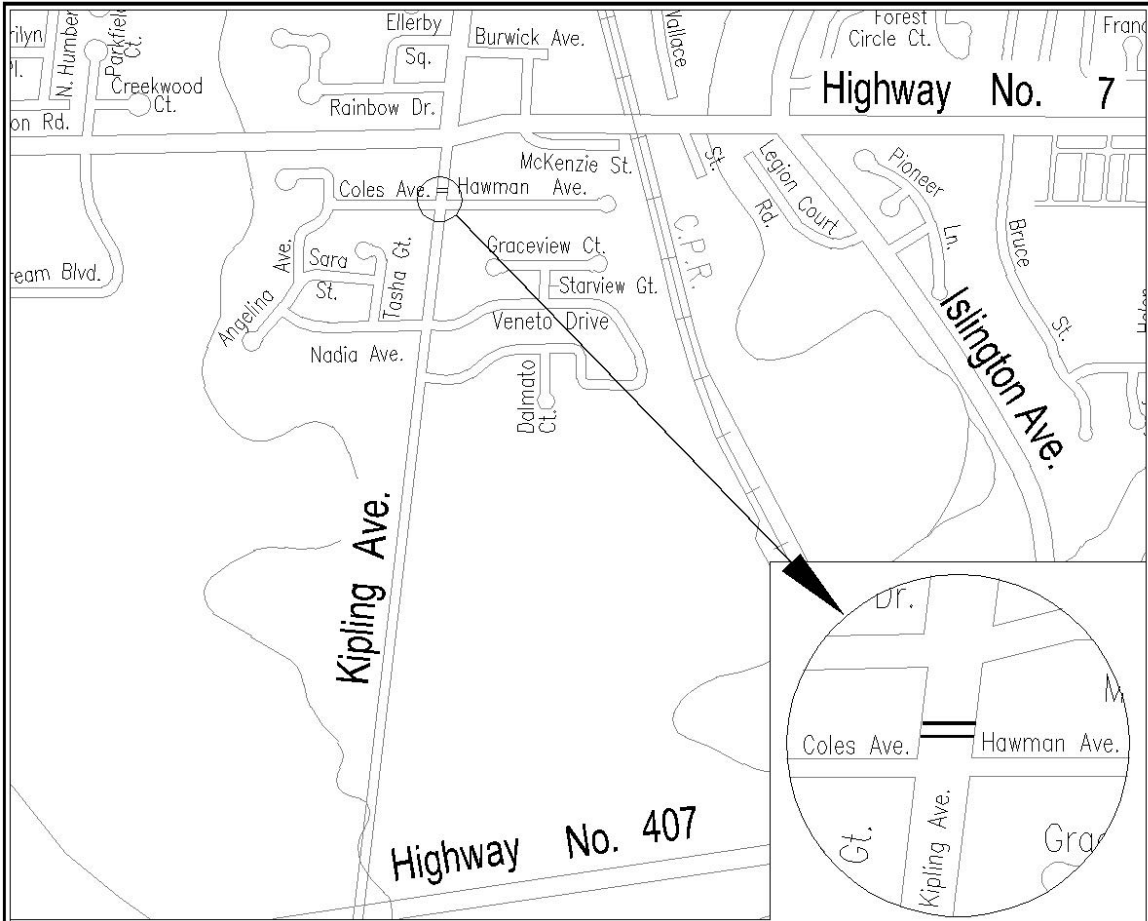
Respectfully submitted,

Bill Robinson, P. Eng.
Commissioner of Engineering and Public Works

Jack Graziosi, P. Eng., M. Eng.
Director of Engineering Services

JS:mc

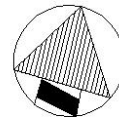
ATTACHMENT No. 1



PROPOSED TEMPORARY PEDESTRIAN SIGNAL KIPLING AVENUE AND HAWMAN AVENUE/COLES AVENUE

LEGEND

== PROPOSED SIGNAL LOCATION



NOT TO SCALE