

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF APRIL 19, 2017

Item 10, Report No. 13, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on April 19, 2017.

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**REQUEST FOR NOISE EXEMPTION – METROLINX
MAPLE AND RUTHERFORD GO STATION CONSTRUCTION - WARDS 1 & 4**

The Committee of the Whole recommends approval of the recommendation contained in the following report of the Deputy City Manager, Community Services and the Director of By-law & Compliance, Licensing & Permit Services, dated April 4, 2017:

Recommendation

The Deputy City Manager, Community Services and the Director of By-law & Compliance, Licensing & Permit Services, recommend:

1. That Metrolinx, be granted a noise exemption for the period of April 20, 2017 through December 31, 2017, in accordance with the City's Noise By-law 96-2006, for the purposes of construction activities located at both the Maple GO and Rutherford GO Stations associated with the Barrie Corridor Expansion.
2. That this request for extension be granted with the following conditions:
 - a) That construction communication notices be sent to surrounding residents and business owners within a 60 metre radius, in keeping with City standards, advising them of the impending work;
 - b) That the construction communication notices to residents and business owners include contact information for Metrolinx;
 - c) That the Applicant take measures to minimize any unnecessary noise, including but not limited to idling of construction vehicles and/or equipment, revving of engines, use of airbrakes, banging of tailgates and to maintain equipment in good working order (including muffling devices) to minimize noise impacts;
 - d) Select travel routes that will assist in avoiding noise sensitive areas where possible;
 - e) That no construction takes place on Statutory Holidays;
 - f) The Applicant ensure lighting is directed downward toward the site and away from public roadways, area businesses and residential properties.

Contribution to Sustainability

This noise exemption request will support the Regional Express Rail (RER) initiative, contributing to accessible and frequent local transit service associated with GO Transit routes, supporting compact urban form and offering alternative modes of transportation and is consistent with the City's Community Sustainability and Environmental Master Plan – Green Directions, which identified the goal of ensuring the City is easy to get around and has a low environmental impact.

Economic Impact

Adoption of this report has no adverse economic impact for the City.

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Communications Plan

The Applicant has provided public notice in November 2016 of the impending construction activities at Maple GO Station (Attachment No. 1), and a draft notice of work (Attachment No. 2) has been provided for construction activities at the Rutherford GO Station.

The Applicant has been instructed by the City to provide additional notification of the commencement of construction in local Vaughan newspapers and in letter form to surrounding residents and businesses in and around both locations (Maple GO and Rutherford GO Stations) within a 60 metre radius that may be affected by the construction activities of this project.

Purpose

This report is to request Council approval of a request from Metrolinx for a noise exemption to By-law 96-2006.

Background - Analysis and Options

The City of Vaughan Noise By-law 96-2006 delegates authority to grant noise exemptions for construction purposes up to eleven days to the Department Head/Director of By-law & Compliance, Licensing & Permit Services.

Metrolinx has written to City of Vaughan By-law & Compliance, Licensing & Permit Services, (Attachment No. 3) requesting an exemption to the City's Noise By-law for the purposes of construction at the Maple and Rutherford GO Stations in connection with RER (which will provide a two-way, all-day (TWAD) service of its rail corridors, a key objective for GO Transit as identified in "The Big Move" and "GO 2020".

The scope of both projects entails the installation of two tunnels at each location (Attachment No. 4), track upgrades (removal and re-installation), island platform construction and associated infrastructure, such as tunnels, snowmelt systems, elevators, stairs, platform shelters mini platforms, canopies, etc.

Construction work associated with the tunnel installations include, but is not limited to:

- Installation of approximately 70 Caissons (weekdays only, evening work only when required between April 20, 2017 to December 31, 2017).
- Installation of precast concrete tunnel segments (continual work over four weekends commencing in April 20, 2017. Construction will start after 7:30pm on Friday and stop before 5:30am on Monday.

Construction work activities that will occur outside of the Noise By-law restrictions will include the use of caisson rigs (large scale drilling equipment), backhoes with hoe rams, dump trucks, loaders, cranes, heavy duty pumps, concrete trucks, vibratory rollers and plate packers, tower lights, generators, welding machines, cutting torches and propane torches.

Noise Mitigation

The Applicant has provided a Noise and Vibration Impact Assessment document provided by Valcoustics Canada Limited, which includes cataloguing of areas that may be impacted by construction noise (Attachment No. 5).

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The Applicant will be required to minimize idling of construction vehicles, avoid revving of engines, banging of tailgates and use of airbrakes, as well as be required to maintain equipment in good working order (including the use of muffling devices) to minimize noise impacts and to select travel routes to avoid noise sensitive areas where possible. In addition, the applicant will be required to ensure lighting is directed downward toward the site and away from public roadways, area businesses and residential properties.

Relationship to Term of Council Service Excellence Strategy Map (2014-2018)

This noise exemption is directly related to the Term of Council Priority and Service Excellence Strategy Map by:

- 1) Continuing to develop transit options to get around the City;
- 2) Improve municipal road network;
- 3) Invest, renew and manage infrastructure and assets;

Regional Implications

The proposed work is being carried out by Metrolinx and its agents and contractors.

Conclusion

This request for noise exemption is necessary municipal work in connection with the RER initiative. The request exceeds the delegated authority of the Director of By-law & Compliance, Licensing & Permit Services; therefore, Council authorization for the exemption to the By-law is required to permit Metrolinx to proceed as planned.

Attachments

1. Metrolinx – Public Notice - Maple GO Station
2. Metrolinx – Draft Public Notice - Rutherford GO Station
3. Letters of Intent, Maple & Rutherford GO Stations
4. Project Maps, Maple & Rutherford GO Stations
5. Noise and Vibration Impact Assessment

Report prepared by:

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Office Coordinator, By-law & Compliance, Licensing & Permit Services

(A copy of the attachments referred to in the foregoing have been forwarded to each Member of Council and a copy thereof is also on file in the office of the City Clerk.)