

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF JANUARY 20, 2015

Item 20, Report No. 2, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on January 20, 2015.

20

REQUEST FOR NOISE EXEMPTION - KIEWIT ELLISDON VIVANEXT / H2VMC PROJECT

The Committee of the Whole recommends approval of the recommendation contained in the following report of the Commissioner of Legal and Administrative Services / City Solicitor and the Director of By-law & Compliance, dated January 13, 2015:

Recommendation

The Commissioner of Legal and Administrative Services / City Solicitor and the Director of By-law & Compliance recommend:

1. That Kiewit-EllisDon, A Partnership be granted a noise exemption, in accordance with the City's Noise By-law 96-2006, for the purposes of road widening construction activities related to the installation of dedicated bus lanes associated with the Viva Rapid Transit routes on Highway 7 (from Hwy 400 east to 100m east of Bowes Road) for the period of January 20, 2015 through December 31, 2015;
2. That this request for noise exemption 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 York Region Rapid Transit Corporation;
 - c) That the Applicant take measures to minimize idling of construction vehicles, avoid unnecessary revving of engines / use of airbrakes and to maintain equipment in good working order (including muffling devices) to minimize noise impacts.
 - d) That no construction take place on Sundays or Statutory Holidays.

Contribution to Sustainability

This noise exemption is directly related to the vivaNext / H2VMC Project, contributing to accessible and frequent local transit service, supporting compact urban form and offering alternative modes of transportation.

Economic Impact

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

Communications Plan

York Region Rapid Transit Corporation employs a comprehensive communications program to keep residents and businesses informed of the work schedule in advance by means of newsletter mailings, e-mail bulletins, face-to-face meetings, social media posts, electronic variable message signs, as well as providing a dedicated liaison that works closely with the community and those within the construction zone. York Region Rapid Transit Corporation has provided an email outlining details of their comprehensive communications plan, along with sample notices used for other projects (Attachment No. 1).

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF JANUARY 20, 2015

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Purpose

This report is to request Council approval of a request from Kiewit-EllisDon, A Partnership (“KEW”) for an additional long term noise exemption to By-law 96-2006. KEW applied for, and was granted, a similar noise exemption from June 24, 2014 to December 21, 2014, (Item 37, Report No. 30). As the delegated authority under the By-law is only for eleven days, this Application requires Council authorization for exemption from the By-law.

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 of Enforcement Services.

Kiewit-Ellisdon, A Partnership (“KED”) has written to the City of Vaughan By-law & Compliance Department requesting an additional exemption to the Noise By-law for the purposes of construction in connection with the vivaNext / H2-VMC Project.

The scope of the H2-VMC Project primarily consists of road widening to allow for the installation of dedicated bus lanes associated with Viva Rapid Transit Routes. The construction work will include:

- Drainage work;
- Grading & paving;
- Fencing / barriers;
- Culvert extensions;
- Retaining structures;
- Sidewalk & station platform construction;
- Hard & soft landscaping;
- Widening of CN McMillian Bridge.

Construction work activities that will occur outside of the restrictions of the Noise By-law (i.e.: after 7pm and before 7am) will include:

- Paving and sub-base construction;
- Electrical work;
- Drainage / utility work.

Noise Mitigation

The Applicant will be required to minimize idling of construction vehicles, avoid unnecessary revving of engines / use of airbrakes and to maintain equipment in good working order (including muffling devices) to minimize noise impacts. The primary sources of noise during construction will include:

- Clearing and grubbing (use of chain saws, dozers, excavators, etc.);
- Removal and demolition (use of excavators, breakers, milling machines, etc.);
- Excavating and grading (use of dozers, excavators, trucks, etc.);
- Paving and sub-base construction (use of dozers, excavators, rollers and compactors).

KED has included a list of their “Best Management Practices”, which include:

- Focus maintenance on lubrication and replacement of worn parts and correction of deficient exhaust systems;
- Shut down heavy equipment that is not active to avoid idling, when practical;

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF JANUARY 20, 2015

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- Avoid unnecessary revving of engines and use of airbrakes;
- Avoid banging of tailgates and loader buckets;
- Select travel routes to avoid noise sensitive areas.

Relationship to Vaughan Vision 2020/Strategic Plan

This report is in keeping with the priorities previously established by Council.

Regional Implications

The work proposed to be carried out is in the Region of York, who are co-applicants and project owners.

Conclusion

This request for a noise exemption under By-law 96-2006 exceeds the delegated authority of the Director of By-law & Compliance. Therefore, Council authorization for the exemption to the By-law is required to permit KED to proceed as planned.

Attachments

Attachment 1: York Region Rapid Transit Corporation – Communication Program Information
Attachment 2: Letter of Intent KED (Consultant for the York Region Rapid Transit Corporation)
Attachment 3: Construction Area Map

Report prepared by:

Janice Heron, Office Coordinator, By-law & Compliance

(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.)

COMMITTEE OF THE WHOLE - JANUARY 13, 2015

REQUEST FOR NOISE EXEMPTION - KIEWIT ELLISDON VIVANEXT / H2VMC PROJECT

Recommendation

The Commissioner of Legal and Administrative Services / City Solicitor and the Director of By-law & Compliance recommend:

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- Shut down heavy equipment that is not active to avoid idling, when practical;
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- Avoid banging of tailgates and loader buckets;
- Select travel routes to avoid noise sensitive areas.

Relationship to Vaughan Vision 2020/Strategic Plan

This report is in keeping with the priorities previously established by Council.

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Attachment 3: Construction Area Map

Report prepared by:

Janice Heron, Office Coordinator, By-law & Compliance

Respectfully submitted,

Gus Michaels
Director, By-law & Compliance

MaryLee Farrugia
Commissioner of Legal and Administrative Services /
City Solicitor

May 23, 2014

SAMPLE NOTICE: Costa Road Closure

Please be advised that Costa Road will be temporarily closed nightly (just south of Hwy. 7) for approximately XX days from July X to July X, for sewer main installation work.

Overnight Work Hours

- Work will normally run between 8pm to 6am, Monday to Friday.

What Impacts will there be?

- Due to the nature of the work there will be noise and vibration disturbances around work areas.
- Crews are continuously monitoring noise and vibration to ensure levels are kept within industry standards

What else you need to know:

- Per the Ontario Traffic Manual, detour signage will guide motorists around the closure (see map on the back of this notice).
- All construction work is weather-dependent and dates may change.

To stay up-to-date on the latest construction activities, lane and road closures, night work, etc., I encourage you to sign up for construction updates at www.vivanext.com/signup

Thank you,

Carrie Slattery | Community Liaison | 289.716.0091 | carrie.slattery@york.ca

February 14, 2014

your community liaison

Carrie Slattery

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Cell: 289.716.0091

Email: carrie.slattery@york.cahow to subscribe
for email updates

1. Visit vivanext.com
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4. Provide your contact info
5. Click on 'Submit'

construction begins on the CN Bridge

To accommodate the road widening on Highway 7 West, crews will be working over the next two years to widen the CN Bridge. In order to safely do this, the median has been removed and starting next week traffic will be shifted to the north side of the bridge. Traffic lanes will be reduced and will remain shifted for the duration of the work. Please see details below:

Work dates: The week of February 17, for approximately 24 months*

Work hours: Although work will take place from 7am to 7pm, the lane closure will stay in place overnight 24 hours a day, 7 days a week.

Note: crews will be performing vibration work. At times, weekend work may be required.

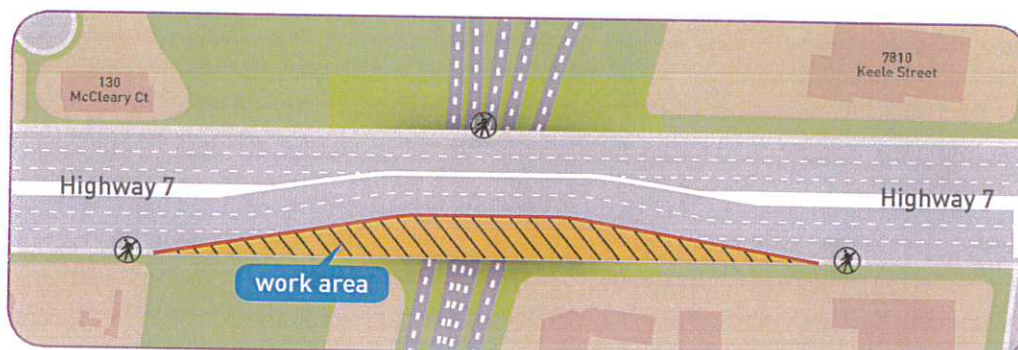


Image not to scale

what can I expect to see and hear?

- Due to the nature of this work, there will be noise and vibration around the work area. Noise and vibration monitoring will be conducted to ensure levels are kept within industry standards.

will there be other impacts to the area?

- Traffic lanes will be reduced to two lanes in each direction and will remain shifted for the duration of the work. Expect traffic delays.
- There may be short-term disruptions to traffic when equipment is being delivered. In these cases, traffic control personnel will direct drivers and pedestrians.
- During the winter months, there will be no pedestrian access over the bridge. Directional signs will caution pedestrians to use alternate routes.

Thank you for your patience during this time. If you have any questions about the rapidway project, please call Carrie Slattery, Community Liaison at 289.716.0091.

*Please note: As with other road construction projects, some work may be rescheduled due to weather. We'll provide advance notice whenever possible.



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April 23, 2014

retaining wall construction continues on Highway 7 West

As part of rapidway construction, we will be building several retaining walls along Highway 7 West. Retaining walls are built to provide stability between two areas of land that sit at different heights. The retaining wall is used to hold the slope in place and support the higher level of ground. Crews will be building the wall on the north side of Highway 7, east of Creditstone Road as well as accessing the work area along McCleary Court.

your community liaison

Carrie Slattery

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Work dates*: Starting the week of April 23, for approximately 6 weeks*

Work hours: Monday – Friday from 7am-7pm [Note: some weekend work may be required]



Image not to scale

description of work

- install fence and traffic control barriers around work zone
- excavate the work area
- build the retaining wall
- backfill and restore the area

Once the wall is built, the area will be restored.

what impacts will there be?

- There will be lane reductions inside the McCleary Court Community Environmental Centre's waste drop-off area.
- Access to the Community Environmental Centre will be maintained during its regular, seasonal hours of operation.
- At times, there will be temporary westbound curb lane closures along Highway 7, just west of the CN MacMillan Bridge.
- Wherever possible, sidewalks will remain open. If a sidewalk is closed, directional signage will be on site to guide pedestrians.
- Where bus stops are affected, directional signs will guide pedestrians to the nearest open bus stop.
- Due to the nature of this work, at times there will be noise and vibration around the work area. Monitoring will be conducted to ensure all levels are kept within industry standards.
- Traffic control staff and paid duty officers will be on site as required.

Thank you for your patience during this time. If you have any questions about the rapidway project, please call Carrie Slattery, Community Liaison at 289.716.0091.

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May 22, 2014

traffic shift and lane reductions on Highway 7 West

To accommodate multiple work activities related to vivaNext rapidway construction on Highway 7 West, traffic lanes will be shifted, reduced and narrowed from Jane Street to east of the CN Bridge. Please see below for further details.

your community liaison

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Lane reduction dates: The week of May 26, for approximately 5 months*

Work locations and lane closures: To prepare for the lane reduction mentioned above, from May 26-28*, crews will be working from approximately 7pm-7am to line paint the road from Jane to the CN Bridge.

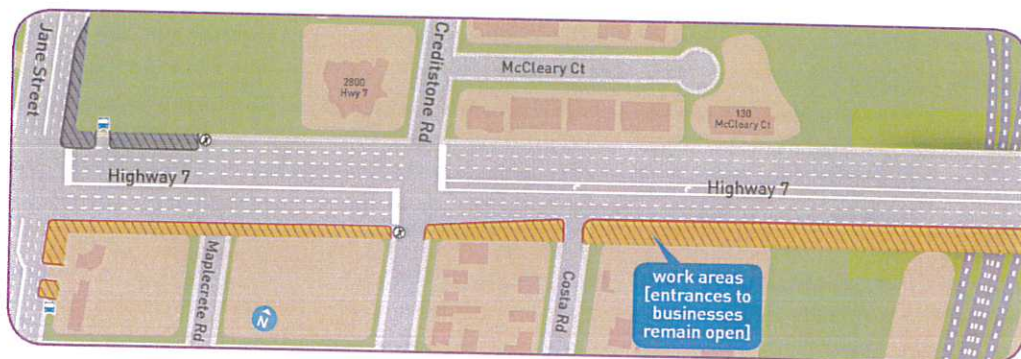


Image not to scale

what impacts will there be?

- During the line painting work, east and westbound traffic lanes will be intermittently closed overnight from May 26 – 28. Due to the nature of this work there will be noise and vibration around work areas.
- Once line painting is completed, traffic lanes will be shifted north and narrowed. Three lanes will remain westbound, however eastbound traffic will be reduced to two lanes from Creditstone Road to east of the CN Bridge.
- Dedicated left-turn lanes at signalized intersections will remain and, where possible, a centre emergency services/shared left-turn lane will be provided.
- Where bus stops and sidewalks are affected, directional signs will guide pedestrians to the nearest open bus stop or sidewalk.
- Businesses are open during construction and access to driveways will be maintained.

Please remember to reduce your speed through construction zones and be mindful of traffic shifts and signs that will help guide you along your way. Always drive with care and give yourself extra time to get to your destination safely. And if you're walking, please stay aware of your surroundings by avoiding distractions like phones, iPods and mp3 players.

Thank you for your patience during this time. If you have any questions about the rapidway project, please call Carrie Slattery, Community Liaison at 289.716.0091.

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METROLINX | **VIVANEXT**

A Metrolinx vivaNext Project

May 1, 2014

your community liaison

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underground hydro relocation work continues at Jane & Highway 7

As hydro crews continue to install underground hydro lines from Edgeley Boulevard to east of Jane Street, please be reminded that traffic shifts and lane closures are in place at Jane Street and Highway 7. This work will be completed in segments over several months. Please see details below about the next segment:

Work dates*: Thursday, May 1 to Sunday, May 11

Work hours: overnight from 9pm to 6am

work locations

- In four phases, crews will install underground hydro lines across Jane Street on the north side of the Jane and Highway 7 intersection [see map].
- Construction activities may move back and forth throughout these work areas.

general description of hydro relocation process

- Pits will be excavated and new hydro cables will be installed underground.
- Hydro service will be transferred to new underground cables.
- Crews will then backfill and restore the work areas.



Image not to scale

what impact will there be?

- There will be north and southbound lane reductions during each phase of work, however two-way traffic will be maintained at all times.
- East and westbound lanes along Highway 7 may also be reduced in this work area.
- Dedicated right and left-turn lanes will be reduced. Expect traffic delays due to lane restrictions.
- Sidewalks may be impacted by this work. If a sidewalk is closed, directional signs will be onsite to guide pedestrians.
- Access will be maintained to driveways in work areas.
- Bus stops in these work areas have already been temporarily relocated. Directional signs will guide pedestrians to the nearest open bus stop.
- Traffic control staff and police officers will be on site for the duration of the work.
- There will be construction-related noise and dust from equipment and trucks. Some weekend work may be required.

Thank you for your patience during this time. If you have any questions about the rapidway project, please call Carrie Slattery, Community Liaison at 289.716.0091.

*Please note: As with other road construction projects, some work may be rescheduled due to weather. We'll provide advance notice whenever possible.



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May 15, 2014

your community liaison**Carrie Slattery**

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underground hydro work continues east of Jane Street

As hydro crews continue to install underground hydro lines from Edgeley Boulevard to east of Jane Street, please be reminded that traffic shifts and lane closures are in place at Jane Street and Highway 7. This work will be completed in segments over several months. Please see details below about the next segment:

Work dates*: Starting Thursday, May 15 for approximately three months

Work hours: Although the majority of work will take place from 7am to 7pm, the lane closures may stay in place overnight.

work locations

- Crews will install underground hydro lines from west of Jane Street to Millway Avenue on the north side of Highway 7 [see map].

general description of hydro relocation process

- Pits will be excavated and new hydro cables will be installed underground.
- Hydro service will be transferred to new underground cables.
- Crews will then backfill and restore the work areas.



Image not to scale

what impact will there be?

- Eastbound lanes along Highway 7 will be reduced in this work area. Expect traffic delays due to lane restrictions.
- Sidewalks may be impacted by this work. If a sidewalk is closed, directional signs will be onsite to guide pedestrians.
- Access will be maintained to driveways in work areas.
- Bus stops in this work area will be temporarily relocated. Directional signs will guide pedestrians to the nearest open bus stop.
- Traffic control staff will be on site as required.
- There will be construction-related noise and dust from equipment and trucks. Some weekend work may be required.

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2014-11-24

Janice Heron
By-Law and Compliance Dept.
City of Vaughan

Attention: Ms. Janice Heron

Subject: **vivaNext | H2VMC Project**
Noise By-Law Exemption Application

Dear Ms. Heron:

Kiewit-EllisDon, a partnership (KED) is working along Hwy 7 from Hwy 400 east to 100m east of Bowes Rd. on the vivaNext Project – H2-VMC. The H2-VMC project primarily consists of road widening to allow for the installation of dedicated bus lanes associated with the viva Rapid Transit routes. The work also includes:

- Drainage works.
- Grading and paving.
- Fencing and barriers.
- Culvert extensions.
- Retaining structures.
- Sidewalk and station platform construction.
- Hard and soft landscaping.
- Widening of CN McMillan Bridge.

Noise generating activities also include:

- Clearing and grubbing – Use of chain saws, dozers, excavators, etc.
- Removals and demolition – Use of excavators, breakers, milling machines, etc.
- Excavating and grading – Use of dozers, excavators, trucks, etc.
- Paving and sub-base construction – Use of dozers, excavators, rollers, and compactors.

KED will employ all practical and reasonable measures to minimize the level of noise from construction activities. Noise is best reduced at the source, therefore proper selection, operation, and maintenance of equipment will have the greatest effect on the mitigation of noise impacts. Scheduling and planning of activities with noise at certain times and intervals can also reduce the likelihood of potential impacts or complaints.

Additional Best Management Practices Include:

- Focus on maintenance on lubrication and replacement of worn parts and correction of deficient exhaust systems.
- When practical, shut down heavy equipment that is not active to avoid idling.
- Avoid unnecessary revving of engines and use of airbrakes.
- Avoid banging of tailgates and loader buckets.

- Select travel routes to avoid noise sensitive areas.

After hours construction activities include:

- Paving and sub-base construction.
- Electrical works.
- Drainage and utility works.

KED would like to formally request permission to receive exemption to the Vaughan Noise By-Law #96-2006 until December 31st 2015. If Noise By-Law exemption is granted KED wishes to work 24hours Monday through Saturday to accelerate construction and improve scheduling and associated implications.

Below you will find the following accompanying information:

- Sample Draft Construction Notice (Noise)
- Email Correspondence YRRTC – CoV 2014-05-26
- YRRTC Construction Bulletins 2014
- Completed Application – Payment of \$162.72 (including HST) will be made to the City of Vaughan By-Law and Compliance Department located at 2141 Major Mackenzie Dr, Vaughan ON.

Should you have any questions or require further information please do not hesitate to contact me at any time at 416-886-6314 or chris.pipher@kiewit.com

Regards,



CHRIS PIPHER

Environmental Manager

Fish and Wildlife Technician

Ecosystem Management Technician

vivaNext Projects



