

Clause 4 in Report No. 1 of Committee of the Whole was adopted, without amendment, by the Council of The Regional Municipality of York at its meeting held on January 25, 2018.

4

Request for Traffic Signal - 13415 Dufferin Street,
Township of King

Committee of the Whole recommends:

1. Receipt of the deputation by John Liggett, Head of School, The Country Day School, Township of King.
2. Adoption of the following recommendations:
 1. Receipt of the report dated December 7, 2017 from the Commissioner of Transportation Services.
 2. Traffic signals be installed at the private entrance to The Country Day School at 13415 Dufferin Street, in the Township of King, and be completely funded by The Country Day School.
 3. The Regional Clerk forward this report to the Clerk of the Township of King.

Report dated December 7, 2017 from the Commissioner of Transportation Services now follows:

1. Recommendations

It is recommended that:

1. Traffic signals not be installed at the private entrance to The Country Day School at 13415 Dufferin Street, in the Township of King.
2. The Regional Clerk forward this report to the Clerk of the Township of King.

2. Purpose

This report responds to a request to install traffic signals at the private access to The Country Day School at 13415 Dufferin Street, in the Township of King.

3. Background

Council referred to staff a request from Township of King for traffic signals at The Country Day School entrance

In July 2017, Township of King passed a resolution requesting the Region install traffic signals at The Country Day School entrance at 13415 Dufferin Street. The resolution acknowledged the intersection was reviewed by the Region in the past, which did not satisfy the technical criteria to justify traffic signals. It further identified that, should the Region approve the installation, the associated installation and operating costs would be funded by The Country Day School.

The Region's Traffic and Pedestrian Signal Policy is consistent with the Ministry of Transportation of Ontario's traffic signal warrant criteria

In 2015, Council adopted the updated Traffic and Pedestrian Signal Policy, which directly references the Ontario Traffic Manual Book 12, entitled Traffic Signals. Ontario Traffic Manual Book 12 identifies criteria for the installation of traffic control signals based on traffic volume and delay, pedestrian volumes and collision history.

The Region's Traffic and Pedestrian Signal Policy includes terms for private entrances

Funding of traffic or pedestrian signals at private entrances, whether warranted or unwarranted, would be at the expense of the property owner. In addition, the property owner would be required to pay a one-time, up-front fee, which represents the net present value of ten years of operating and maintenance costs for the traffic or pedestrian signal.

The cost to install traffic signals is approximately \$200,000. Annual operating costs are approximately \$7,800. Should installation of traffic signals be approved, the property owner would be responsible for the full installation and annual operating costs.

4. Analysis and Implications

Analysis of current traffic conditions at the location falls short of satisfying policy criteria

The intersection currently satisfies approximately 43 per cent of the policy criteria. The policy criteria results are relatively consistent with prior reviews completed.

Future development adjacent to The Country Day School may justify traffic signals in the near future

The school entrance services approximately 1,200 vehicles per day, while Dufferin Street carries approximately 12,800 vehicles daily. Currently, there are limited pedestrians using this intersection. However, future growth, including residential communities on the west side of Dufferin Street and a community centre, will increase activity at this intersection in the near future. A location plan of the intersection is shown on Attachment 1.

Traffic signals at this location will introduce delays for traffic on Dufferin Street

The intersection would perform at a reduced level of service if unwarranted signals are installed. An increase in total delay on Dufferin Street during peak traffic hours would be introduced. However, outside of peak traffic hours, the additional delay would be minimal. The traffic signal would rest with a green indication on Dufferin Street until a left-turning vehicle is detected using The Country Day School entrance.

Installation of traffic signals at this location is not recommended at this time.

Promoting safety of the Regional road network supports Vision 2051

This report supports Vision 2051 by responding to the needs of our residents and promoting safety on York Region roads through effective policing, education and sensitive design.

5. Financial Considerations

There are no costs to the Region associated with this report.

6. Local Municipal Impact

The Township of King and The Country Day School are supportive of installation of a traffic signal at the private entrance to 13415 Dufferin Street.

7. Conclusion

Staff analysis indicates the requested location does not satisfy criteria of the Region's Traffic and Pedestrian Signal Policy. Future development adjacent to The Country Day School may justify traffic signals in the near future. Traffic signals at this location will introduce delays for traffic on Dufferin Street. Staff does not recommend the installation of traffic signals at this time.

For more information on this report, please contact Joseph Petrungaro, Director Roads and Traffic Operations, at 1-877-464-9675 ext. 75220.

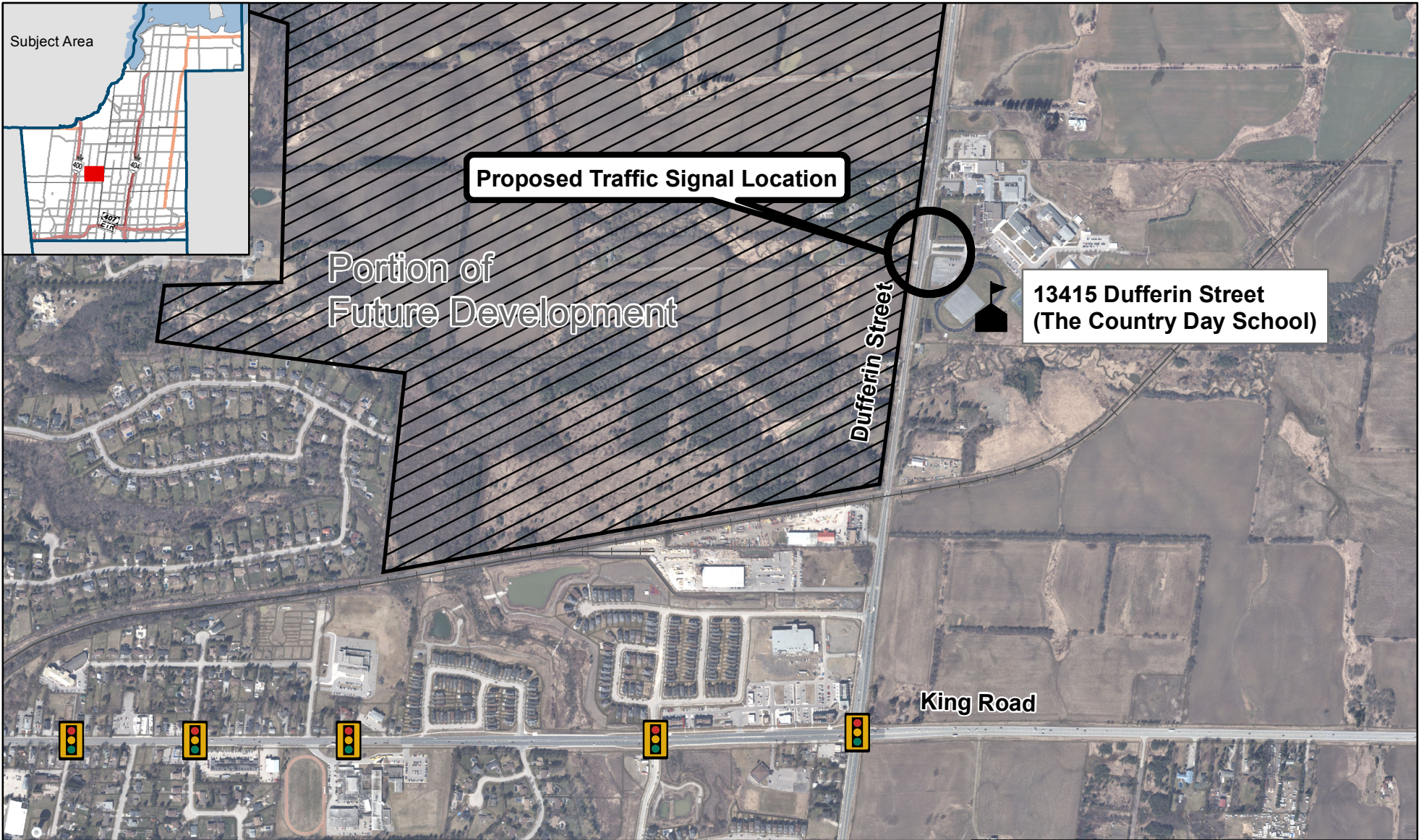
The Senior Management Group has reviewed this report.

December 7, 2017

Attachment (1)

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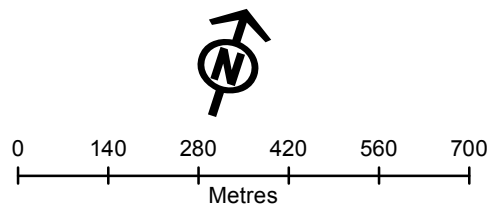
Accessible formats or communication supports are available upon request





Proposed Traffic Signal Location

Request for Traffic Signal
13415 Dufferin Street, Township of King
January 18, 2018

Produced by:
The Regional Municipality of York
Roads & Traffic Operations, Transportation Services
December 2017
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Legend

-  Existing Traffic Signal
-  The Country Day School

From: Liggett, John
Sent: Monday, November 20, 2017 3:47 PM
To: Regional Clerk
Cc:
Subject: RE: January council

Hello:

I would also like to add Mr. David Myers to the speakers list please for the date and matter below. Mr. Myers is the Board Chair at Country Day...

Regards,

John

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Education with Balance

From: Liggett, John
Sent: November-15-17 3:37 PM
To: 'regionalclerk@york.ca' <regionalclerk@york.ca>
Subject: January council

Hello:

I was advised by a member of your staff – Nelson Costa – to contact you such that I can be on the speaker's list for the Jan. 11, 2018 Council meeting to speak to an item requesting permission to install a traffic light at a private entrance on Dufferin Street.

Please advise,

Regards,

John