

CITY OF OTTAWA
ROAD MODIFICATION
APPROVAL UNDER DELEGATED AUTHORITY

DATE: 8 May 2019

RMA-2019-TPC-001

RECOMMENDATIONS

- Staff recommend road works at Cambrian Road and Tucana Way/Kilbirnie Drive to construct traffic control signals as described in this report.

LOCATION

- Cambrian Road and Tucana Way/Kilbirnie Drive, Ward 3, see Attachment 1.

BACKGROUND

- The intersection was counted in October 2018 and MTO warrants for signalization have been satisfied based on the 80% combination justification and restricted flow conditions.
- Construction is tentatively scheduled for 2019. Funds are available from the 2017 Intersection Control Measures Account # 908528.

EXISTING ROAD CONDITIONS

- Cambrian Road is a two-lane undivided road with bike lanes, an asphalt sidewalk on the north side, a concrete sidewalk on the south side, and a grass boulevard and curb on both sides, and is posted at 40 kph.
- Tucana Way is a two-lane undivided road with concrete sidewalks and curbs on both sides, and is unposted at 50 kph.
- Kilbirnie Drive is a two-lane undivided road with concrete sidewalks and curbs on both sides, and is unposted at 50 kph.
- Collisions for the period from 1 January 2015 to 31 December 2017 (3 years):
 - Cambrian Road at Tucana Way/Kilbirnie Drive: 2 collisions

PROPOSED ROAD MODIFICATIONS

- It must be emphasized that the following road modifications (see Attachment 2) are conceptual and intended only to illustrate the proposed function. The approval of any detailed design of the road modifications stemming from this report will be subject to the City's detailed design review process.
- The detailed design review process will include requirements for roadside safety provisions, center medians, utility relocations, street lighting, drainage and other needs as deemed appropriate by the City.

Proposed road modifications:

- Traffic control signals at intersection of Cambrian Road and Tucana Way/Kilbirnie Drive.

MODIFICATION OUTCOMES- BENEFITS AND IMPACTS

The recommendations summarized in this report will help achieve the following Strategic Directions of the 2015–2018 Term of Council Priorities:

- TM2 – Provide and promote infrastructure to support safe mobility choices
- TM4 – Improve safety for all road users

FINANCIAL COMMENTS

- The proposed traffic control signals are estimated to cost \$250,000 (construction, engineering, and contingencies).
- Total additional annual operating costs are estimated to be \$12,950 (traffic signal operation and maintenance) and will be requested in the year following completion of construction. These costs are to be borne by the City as the Signal meets MTO warrants.

CONSULTATIONS

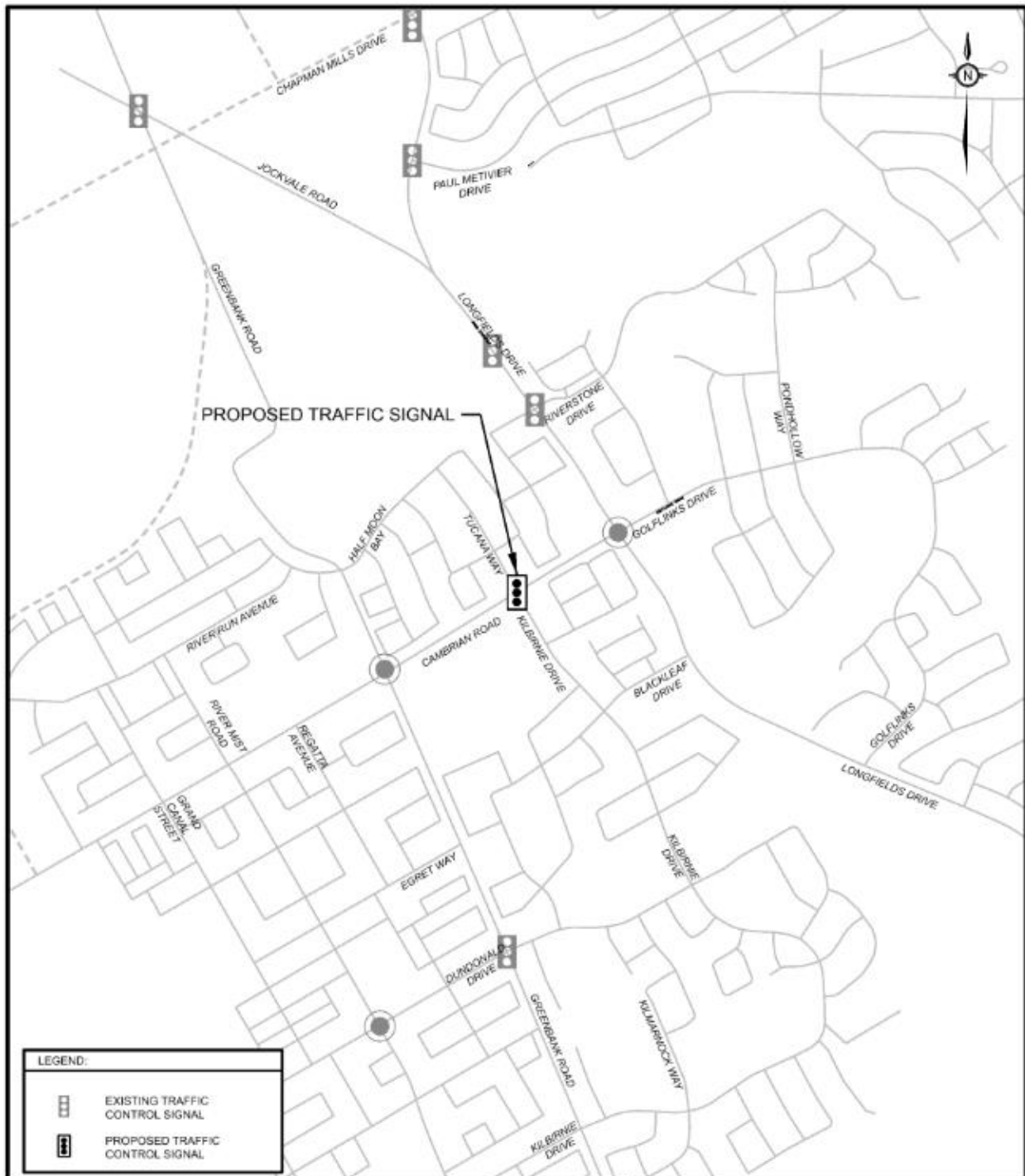
- Via e-mail on 8 March 2019, Councillor of Ward 3 (Barrhaven) was given notice of the intention to advertise the proposed road modifications.
- The proposed road modifications were advertised on the City's website from 8 March 2019 to 22 March 2019. The deadline for comments was 29 March 2019. No comments were received.


CURRENT STATUS

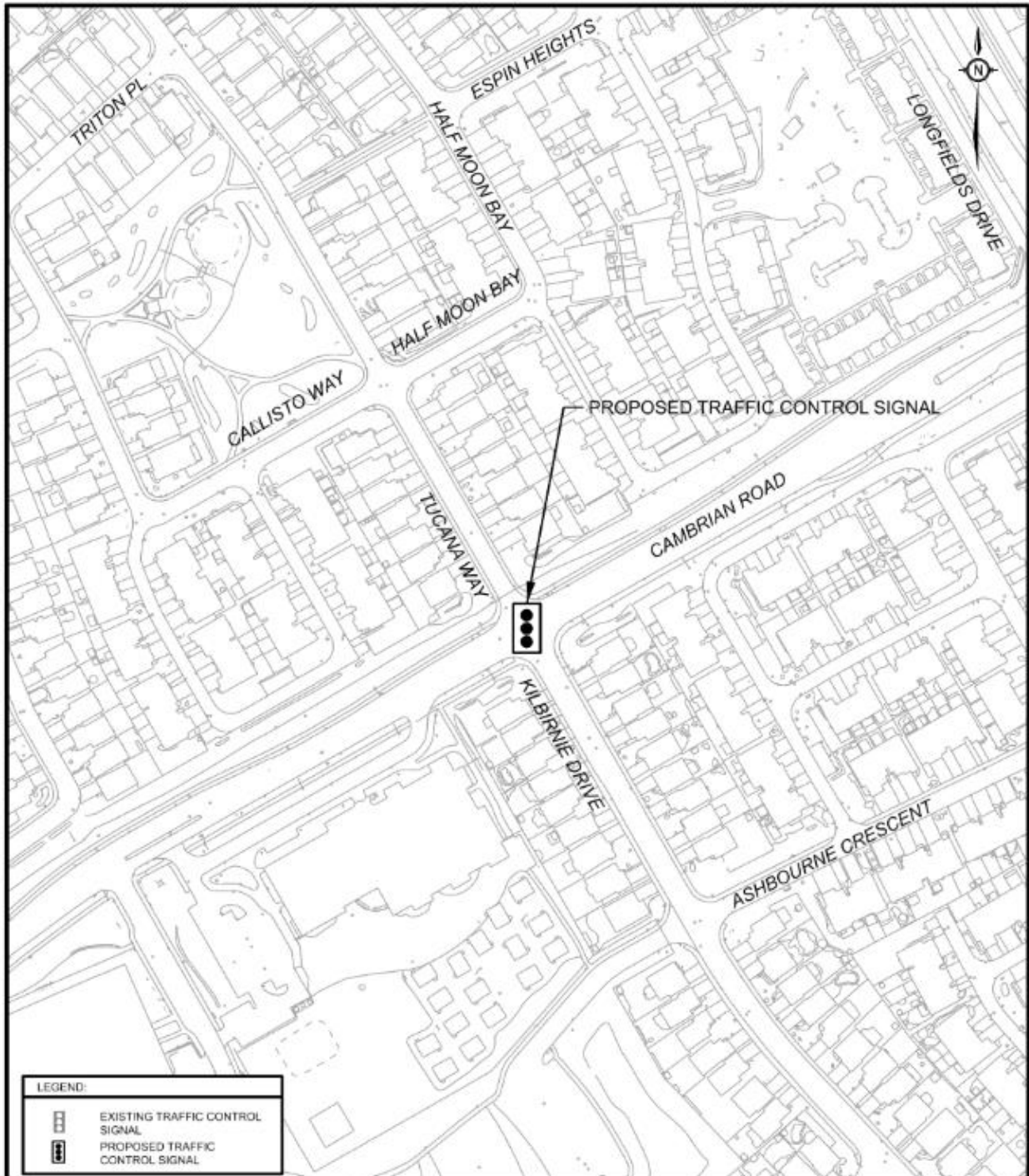
- Preliminary approval from the Senior Project Manager of Transportation Engineering Services on 10 April 2019.
- Preliminary approval from the Program Manager of Transportation Engineering Services on 10 April 2019.
- Concurrence received from Councillor of Ward 3 (Barrhaven) on 26 April 2019.
- Final approval received from Program Manager of Transportation Engineering Services on 6 May 2019.


ATTACHMENTS

- Attachment 1 – Key Plan (RMA-2019-TPC-001A)
- Attachment 2 – Proposed Road Modifications (RMA-2019-TPC-001B)



 <p>Ottawa TRANSPORTATION SERVICES DEPT.</p>	<p>KEY PLAN</p> <p>Cambrian Road & Tucana Way</p>	<p>Transportation Engineering Services</p>	
	<p>Approved By: A. Selfe</p>		<p>Drawing No.:</p> <p>RMA-2019- TPC-001A</p>
	<p>Completed By: C. Simmons</p>		
	<p>Scale: N.T.S.</p>	<p>Date: MAR 2019</p>	



 <p>Ottawa TRANSPORTATION SERVICES DEPT.</p>	<p>PROPOSED ROAD MODIFICATIONS</p> <p>Cambrian Road & Tucana Way</p>		<p>Transportation Engineering Services</p>	
	<p>Approved By: A. Selfe</p>		<p>Drawing No.:</p>	
	<p>Completed By: C. Simmons</p>		<p>RMA-2019-TPC-001B</p>	
	<p>Scale: N.T.S.</p>	<p>Date: MAR 2019</p>		