

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF JUNE 22, 2021

Item 20, Report No. 29, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on June 22, 2021.

20. KING VAUGHAN BRIDGE ROAD CLOSURE

The Committee of the Whole recommends approval of the recommendations contained in the report of the Deputy City Manager, Infrastructure Development, dated June 1, 2021:

Recommendations

1. That Council approve the proposed temporary road closure of King Vaughan Road from Hwy 27 to Kipling Avenue to facilitate the timely and efficient reconstruction of King Vaughan Bridge; and
2. That the necessary By-law be enacted authorizing the temporary road closure of King Vaughan Road for the period from June 15, 2021 to November 30, 2021.

Committee of the Whole (1) Report

DATE: Tuesday, June 1, 2021

WARD(S): 1

TITLE: KING VAUGHAN BRIDGE - ROAD CLOSURE

FROM:

Nick Spensieri, Deputy City Manager, Infrastructure Development

ACTION: DECISION

Purpose

To seek Council's approval for the temporary closure of King Vaughan Road from Hwy 27 to Kipling Avenue to facilitate the reconstruction of the King Vaughan Bridge.

Report Highlights

- The temporary closure of King Vaughan Road, from Hwy 27 to Kipling Avenue, is required to facilitate the reconstruction of the King Vaughan Bridge.
- King Vaughan Road is a minor arterial road with minimal through traffic and no transit routes. It provides access to three existing residential properties.
- The road closure is tentatively scheduled from June 15 to November 30, 2021.
- A comprehensive communication plan will be implemented in collaboration with all stakeholders to notify the public of the upcoming temporary road closure and alternative access.

Recommendations

1. That Council approve the proposed temporary road closure of King Vaughan Road from Hwy 27 to Kipling Avenue to facilitate the timely and efficient reconstruction of King Vaughan Bridge; and

2. That the necessary bylaw be enacted authorizing the temporary road closure of King Vaughan Road for the period from June 15, 2021 to November 30, 2021.

Background

King Vaughan Road is a minor arterial road extending south from Hwy 27 to Kipling Avenue. The roadway provides access to three separate residences at the municipal addresses known as 5511, 5730/5750 and 5800 King Vaughan Road. There are no transit routes operating on this road.

The King Vaughan Bridge was originally constructed in 1920 as an arch bridge that accommodates a single lane of traffic. The location of the King Vaughan Road bridge is illustrated on Attachment 1. In 2015, as a result of advanced deterioration, it was subsequently reinforced with a temporary steel modular bridge over top of the existing bridge. Detailed design was initiated, and a permanent solution has been developed.

The associated construction activities at the King Vaughan Bridge will include removal of both the temporary steel modular bridge and the remaining elements of the original bridge. A new single span, two lane concrete bridge will be constructed in its place.

To safely facilitate the proposed construction work in a timely manner and considering the extent of works (based on the geographical constraints), King Vaughan Road will be required to be temporarily closed from Hwy 27 to Kipling Avenue.

Previous Reports/Authority

There are no prior reports.

Analysis and Options

Due to the extent of the proposed construction works, King Vaughan Road will be required to be temporarily closed with only local traffic access being provided from Hwy 27 or Kipling Avenue during this time. There are three properties that will be directly affected by the temporary road closure and require access. The owners of the properties will be contacted directly, and local access will be maintained at all times during the road closure period.

During construction, local and emergency access will be provided at all times for the residences at 5730/5750 and 5800 King Vaughan Road from Highway 27, whereas local and emergency access will be provided at all times to 5511 King Vaughan Road from Kipling Avenue.

A communication plan will be in place and written notification of the temporary road closure will be prepared and circulated to the area property owners and project

stakeholders, including emergency public service agencies (police, fire, and ambulance) and the Region of York.

Access Vaughan will be provided with information regarding the temporary road closure and associated contact information to effectively respond to enquiries from the general public. The General Contractor, Esposito Bros. Construction Ltd., will be responsible for the installation and maintenance of all barricades and construction signage to safely guide vehicular, pedestrian and cyclist traffic around the construction area.

The temporary road closure is tentatively scheduled from June 15, 2021 to November 30, 2021. Appropriate roadside signage will be installed on King Vaughan Road a minimum of two weeks prior to the temporary road closure as a means of informing the public of the temporary road closure. The placement of the roadside construction and detour signage will be in accordance with the Ontario Traffic Manual, Book 7 and as shown on Attachment No. 2.

Financial Impact

There is no financial impact to the City as all costs associated with the proposed road closure have been included as part of Tender T20-164.

Broader Regional Impacts/Considerations

The proposed road closure, traffic management and detour plan has been coordinated with York Region.

Conclusion

To safely facilitate the reconstruction of the King Vaughan Bridge, it is recommended that a temporary road closure of King Vaughan Road from Hwy 27 to Kipling Avenue be in place, which is tentatively scheduled for the period from June 15, 2021 to November 30, 2021, inclusive.

A comprehensive communication plan will be implemented to inform all stakeholders of this temporary road closure as set out in this report. Local access to the existing residences on King Vaughan Road will be maintained at all times during the closure. In addition, Infrastructure Delivery staff will monitor construction activities to ensure the works are completed in a timely and appropriate manner.

For more information, please contact: Jack Graziosi, Director, Infrastructure Delivery, Ext. 8201

Attachments

1. Key Plan
2. Traffic Control Plan, Planmac Engineering Inc., July 30, 2020

Prepared by

John Thompson, Project Manager, Ext. 8193

Salima Jivraj, Manager, Design and Construction, Ext. 8446

Jack Graziosi, Director, Infrastructure Delivery, Ext. 8201

Approved by

A handwritten signature in black ink, appearing to read 'Nick Spensieri', with a long horizontal stroke extending to the right.

Nick Spensieri, DCM, Infrastructure
Development

Reviewed by

A handwritten signature in black ink, appearing to read 'Jim Harnum', with a long horizontal stroke extending to the right.

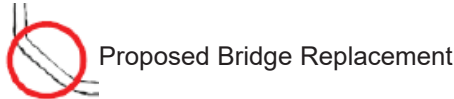
Jim Harnum, City Manager

ATTACHMENT No. 1

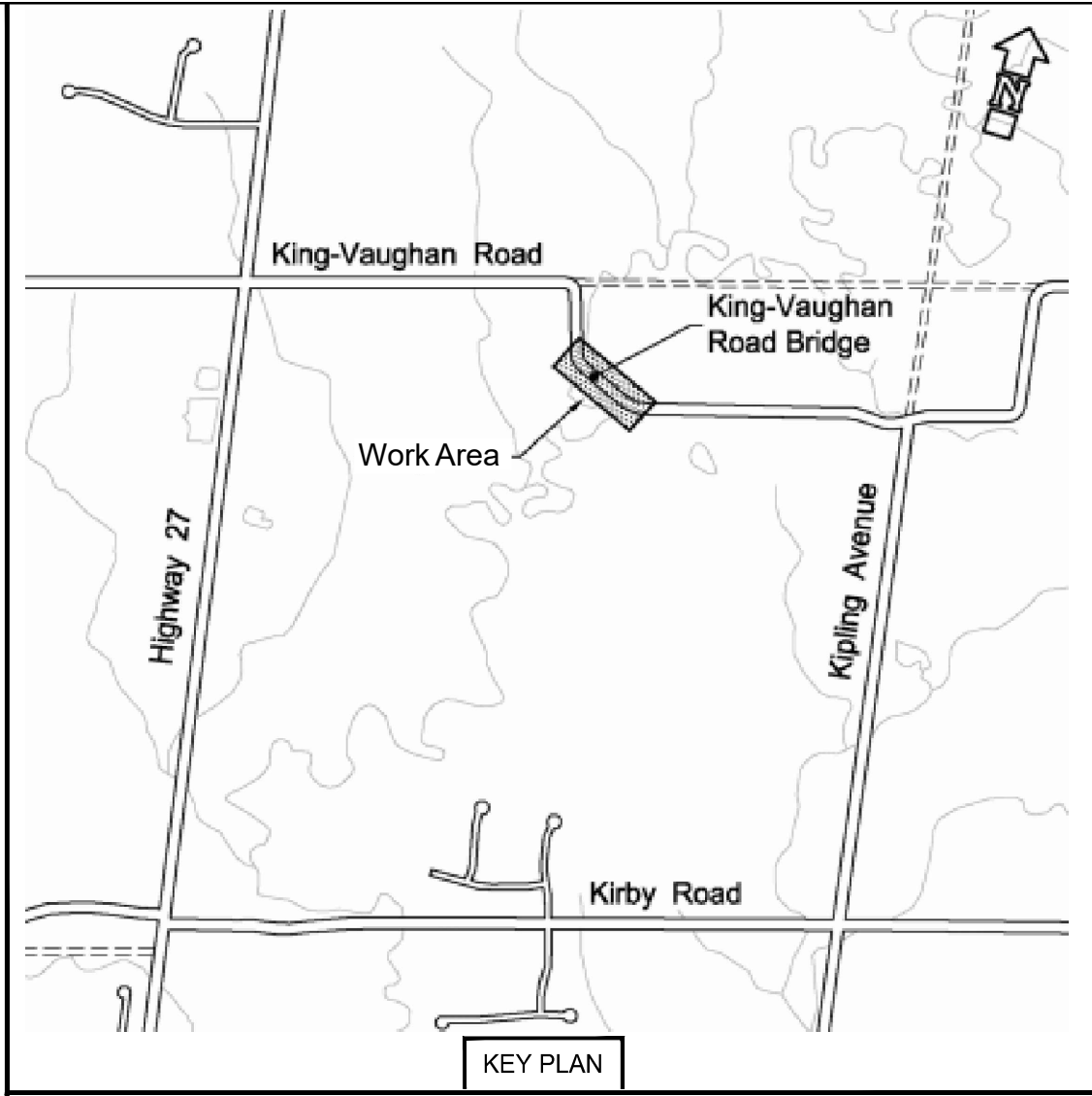
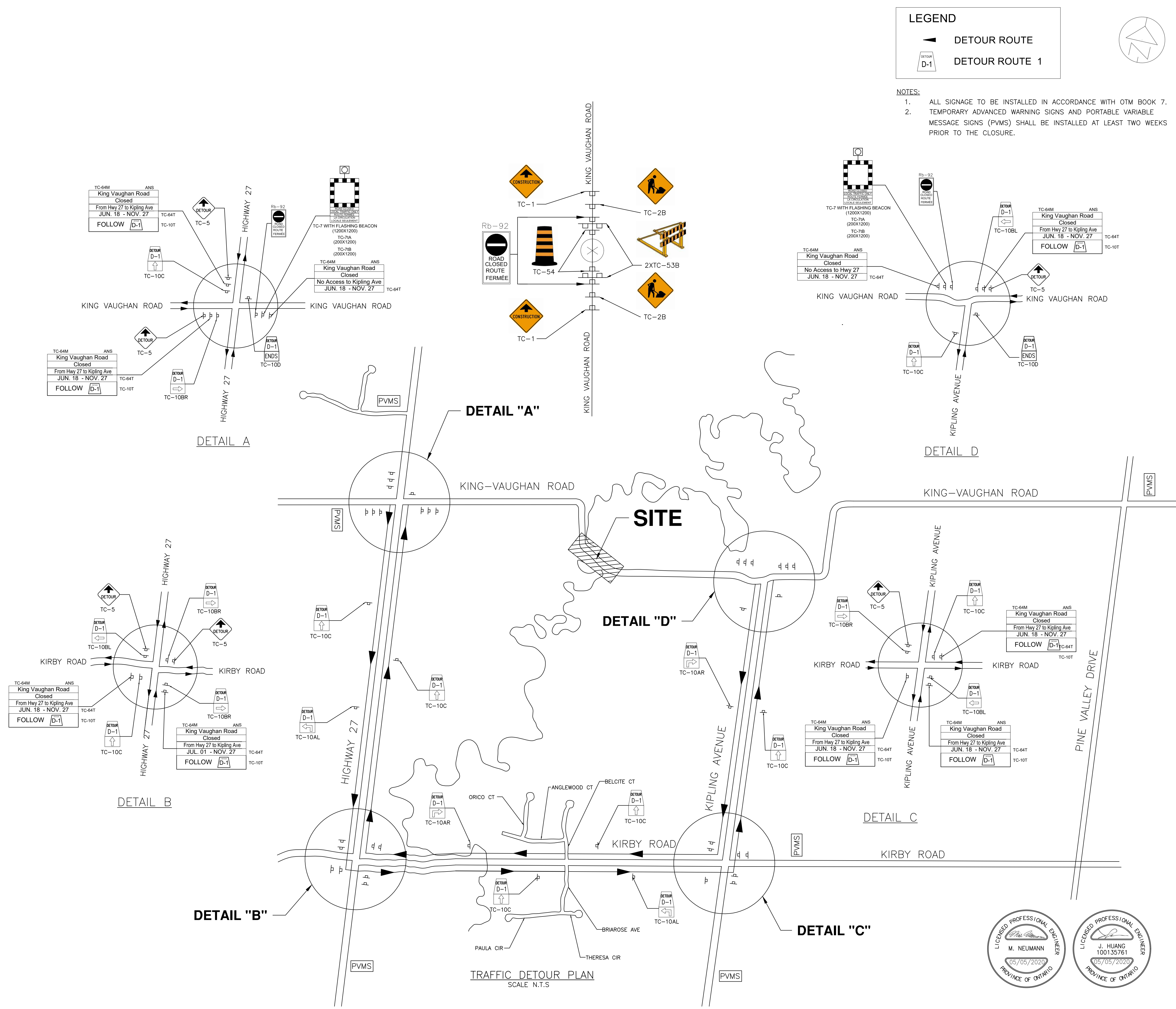


PROPOSED KING VAUGHAN ROAD BRIDGE REPLACEMENT

LEGEND



NOT TO SCALE



- CONTRACTOR'S NOTES:**
- ALL DIMENSIONS ARE IN METRES AND / OR MILLIMETRES UNLESS OTHERWISE INDICATED.
 - DRAWINGS ARE NOT TO BE SCALED.
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY UPON FINDING.
 - THE EXACT LOCATION OF UTILITIES SHALL BE DETERMINED BY CONSULTING THE UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION FROM DAMAGE.
 - BENCHMARKS FOR LAYOUT ARE TO BE OBTAINED FROM THE CITY OF VAUGHAN ENGINEERING DEPARTMENT.

NOTE:

BM	E=609.682.6738	N=4,859,901.2580	ELV.=212.636	REBAR IN BRIDGE
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BENCHMARK SHOULD BE TRANSFERRED TO A NEW LOCATION DUE TO BRIDGE REMOVAL

EVERY REASONABLE EFFORT HAS BEEN MADE TO ENSURE THAT THE INFORMATION APPEARING ON THIS PLAN IS ACCURATE AND CURRENT. WE BELIEVE THE INFORMATION TO BE RELIABLE. HOWEVER, THE CITY OF VAUGHAN ASSUMES NO RESPONSIBILITY OR LIABILITY DUE TO ERRORS OR OMISSIONS.

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1	ISSUED FOR CONSTRUCTION	A.B.	30.07.2020
NO.	DESCRIPTION	BY	DATE

UPDATES & REVISIONS

ENGINEERING COMPANY NAME:

PLANMAC
ENGINEERING INC.

ENGINEER'S STAMP:

APPROVED AS TO FORM IN RELIANCE, UPON THE PROFESSIONAL SKILL AND ABILITY OF THE CONSULTING ENGINEERS AS TO DESIGN AND SPECIFICATIONS.

J. Graziosi

JACK GRAZIOSI, P.Eng., M.Eng.
DIRECTOR OF INFRASTRUCTURE DELIVERY

DATE: May 4, 2020

TRAFFIC DETOUR		
KING-VAUGHAN ROAD EAST HUMBER RIVER BRIDGE REPLACEMENT		
DESIGNED & DRAWN BY: S.M.	CHECKED BY: C.C.	TENDER No.
SURVEYED BY: S.C.	APPROVED BY: J.H.	T20-164
SCALE:	PROJ. No.	DWG. No.
	19-09BR	20 OF 24