

<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON APRIL 16, 2019</b>
<b>FROM:</b>	<b>KELLY SCHERR, P. ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL AND ENGINEERING SERVICES AND CITY ENGINEER</b>
<b>SUBJECT:</b>	<b>CONTRACT AWARD: TENDER NO. 19-42 ARTERIAL ROAD REHABILITATION PROJECT CONTRACT No. 2</b>

<b>RECOMMENDATION</b>
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That, on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer, the following actions **BE TAKEN** with respect to the award of the 2019 Arterial Road Rehabilitation Project Contract No. 2:

- (a) the bid submitted by Dufferin Construction Company at its submitted tendered price of \$5,735,706.55 (excluding HST), for the said project **BE ACCEPTED**; it being noted that the bid submitted by Dufferin Construction Company was the lowest of two (2) bids received and meets the City's specifications and requirements in all areas;
- (b) the financing for this project **BE APPROVED** as set out in the Sources of Financing Report attached hereto as Appendix A;
- (c) the Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this project;
- (d) the approval given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract for the material to be supplied and the work to be done relating to this project (Tender 19-42); and,
- (e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

<b>2015-19 STRATEGIC PLAN</b>
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The following report supports the Strategic Plan through the strategic focus area of Building a Sustainable City by addressing and managing the infrastructure gap. The improvements provided by this contract will improve mobility for cyclists, transit, automobile users and pedestrians.

<b>BACKGROUND</b>
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**Purpose**

This report recommends the award of a tender related to the construction contract for the rehabilitation/resurfacing of major roads in the City of London.

## DISCUSSION

The City of London is responsible for a transportation system that promotes the movement of goods and services and strengthens economic growth. The road network provides mobility choices for residents and improves quality of life. Good roads promote business, create employment, provide social opportunities, improve emergency response and create markets.

The City of London has a comprehensive pavement management system that monitors and renews roads in the most cost-effective manner and forms a part of the broader Corporate Asset Management Strategy. The annual Life Cycle Program to repair and resurface main roads (arterial, primary collectors, expressways and freeways) ensures our roads remain safe and in good repair.

This is the second of two contracts through which the Major Road Network will be renewed. The road rehabilitation program is delivered through a series of contracts grouping similar works to increase competition. Pavement renewal also occurs in a coordinated manner through the infrastructure renewal contracts which include water and sewer needs.

This 2019 Arterial Road Rehabilitation No. 2 contract includes the road segments listed below and illustrated in maps in Appendix B. The following roadways will be undergoing pavement rehabilitation processes, such as mill & pave, foamed asphalt and pulverize/overlay, using funding from the approved 2019 Main Road Network Improvement Budget. The type of rehabilitation is a function of the existing pavement structure, condition and strategy. Strategy includes considerations such as desired service life. Some rehabilitations aim to create a new pavement for a long service life and others are shorter term holding strategies if a larger scope project is on the horizon.

A.	Dundas Street East-1	McCormick Boulevard to approximately 100 m west of Highbury Avenue North
B.	Dundas Street East -2	Approximately 100 m east of Highbury Avenue North to west side of Bridge over Pottersburg Creek
C.	Highbury Avenue North	Approximately 150 m south of Brydges Street to approx. 100 m south of Dundas Street East
D.	Hyde Park Road	Riverside Drive to approximately 150 m south of Oxford Street West
E.	Manning Drive	Highbury Avenue South to East City Limits
F.	Kilbourne Road	Colonel Talbot Road to Longwoods Road

### Traffic Management

An essential part of the project will be communication with residents and businesses along each road segment regarding schedule, duration, expected impacts, and to introduce key project members from the contractor and the City. In general, impacts on the community and through traffic will be short in duration.

Dundas Street East-1, Dundas Street East-2, Highbury Avenue North and Hyde Park Road within the limits of this contract allow for concrete repairs and maintenance hole adjustments to be completed during daytime hours. The paving related work that entails more disruption of road users is restricted to evening and night periods to reduce traffic congestion on these arterial roadways.

Every effort is being made to ensure Londoners are aware of construction zones and traffic detours resulting from road work. Daily updates are provided through the City’s website, [www.london.ca/construction](http://www.london.ca/construction) with information about road closures, ongoing and upcoming projects on City streets. The social impact of this work is being mitigated through coordination and communication.

The specific communication strategies include:

- 2019 construction program media release;
- Social media (Facebook and Twitter); and
- Renew London Website (project updates, daily email to media and emergency services).

Residents are encouraged to adapt by:

- Planning commutes and using alternative routes;
- Utilizing transit ([www.ltconline.ca](http://www.ltconline.ca)), carpooling ([www.londoncarpools.ca](http://www.londoncarpools.ca)), riding bikes or walking; and
- Adjusting travel times to avoid peak travel times.

### Tender Summary

Tenders for the 2019 Arterial Road Rehabilitation Project - Contract No.2 (Tender 19-42) were opened on Tuesday, March 19, 2019. Two contractors submitted tender prices as listed below (excluding HST).

CONTRACTOR		TENDER PRICE (SUBMITTED)	CORRECTED TENDER PRICE
1.	Dufferin Construction Company	\$5,735,706.55	---
2.	Coco Paving Inc. (London)	\$6,120,000.00	---

All tenders have been checked by the Environmental and Engineering Services Department, and no errors were found.

The tender estimate just prior to tender opening was \$6,100,000 (excluding HST). These tenders are an indication of a competitive environment considering the number of qualified local service providers, and illustrate the benefit of tendering projects early in the construction season.

There are no anticipated additional annual operating costs to the Environmental and Engineering Services Department associated with the approval of this tender.

Contract design and preparation was undertaken by City staff. Contract administration and onsite inspection services will be provided by City staff, primarily from the Construction Administration Division.

### CONCLUSION

Civic Administration reviewed the tender bids and recommends Dufferin Construction Company be awarded this 2019 Arterial Road Rehabilitation Project – Contract No. 2 in the amount of \$5,735,706.55 (excluding HST). Upon Council approval and contract award, staff will confirm a schedule with the contractor and initiate a communication program for the various construction locations.

## Acknowledgements

This report was prepared with assistance from Trevor Hitchon, C. Tech, Technologist II, Jane Fullick, C.E.T., Senior Technologist and Karl Grabowski, P. Eng., Transportation Design Engineer, all from the Transportation Planning and Design Division.

<b>SUBMITTED BY:</b>	<b>RECOMMENDED BY:</b>
<b>DOUG MACRAE, P. ENG., MPA DIRECTOR, ROADS AND TRANSPORTATION</b>	<b>KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR ENVIRONMENTAL AND ENGINEERING SERVICES AND CITY ENGINEER</b>

Attach: Appendix A – Source of Financing  
Appendix B – Map of Locations

cc: John Freeman, Manager, Purchasing and Supply  
Gary McDonald, TCA  
Trevor Hitchon, Technologist II  
Jane Fullick, Senior Technologist  
Karl Grabowski, Transportation Design Engineer  
Dufferin Construction Company, A division of CRH Canada Group Inc.,  
2200 Jetstream Road, London, ON, N6A4V7

**APPENDIX 'A'**

Chair and Members  
Civic Works Committee

#19037  
April 16, 2019  
(Award Contract)

**RE: T19-42 Arterial Road Rehabilitation Project Contract No. 2**  
**(Subledger RD190002)**  
**Capital Project TS144619 - Road Network Improvements (Main)**  
**Dufferin Construction Company - \$5,735,706.55 (excluding H.S.T.)**

**FINANCE & CORPORATE SERVICES REPORT ON THE SOURCE OF FINANCING:**

Finance & Corporate Services confirms that the cost of this project can be accommodated within the financing available for it in the Capital Works Budget and that, subject to the adoption of the recommendations of the Managing Director, Environmental and Engineering Services and City Engineer, the detailed source of financing for this project is:

<b><u>ESTIMATED EXPENDITURES</u></b>	<b><u>Approved Budget</u></b>	<b><u>Revised Budget</u></b>	<b><u>Committed To Date</u></b>	<b><u>This Submission</u></b>	<b><u>Balance for Future Work</u></b>
Engineering	\$1,000,000	\$995,411	\$176,668		\$818,743
Construction	12,766,068	12,770,657	6,934,001	5,836,656	0
<b>NET ESTIMATED EXPENDITURES</b>	<b><u>\$13,766,068</u></b>	<b><u>\$13,766,068</u></b>	<b><u>\$7,110,669</u></b>	<b><u>\$5,836,656</u></b> 1)	<b><u>\$818,743</u></b>
<b><u>SOURCE OF FINANCING:</u></b>					
Capital Levy	\$3,116,482	\$3,116,482	\$3,116,482		\$0
Federal Gas Tax	9,846,026	9,846,026	3,994,187	5,836,656	15,183
Drawdown from Capital Infrastructure Gap R.F.	803,560	803,560			803,560
<b>TOTAL FINANCING</b>	<b><u>\$13,766,068</u></b>	<b><u>\$13,766,068</u></b>	<b><u>\$7,110,669</u></b>	<b><u>\$5,836,656</u></b>	<b><u>\$818,743</u></b>

**Financial Note:**

- 1) Contract Price  
Add: HST @13%  
Total Contract Price Including Taxes  
Less: HST Rebate  
Net Contract Price

\$5,735,707
745,642
<u>6,481,349</u>
644,693
<u><b>\$5,836,656</b></u>

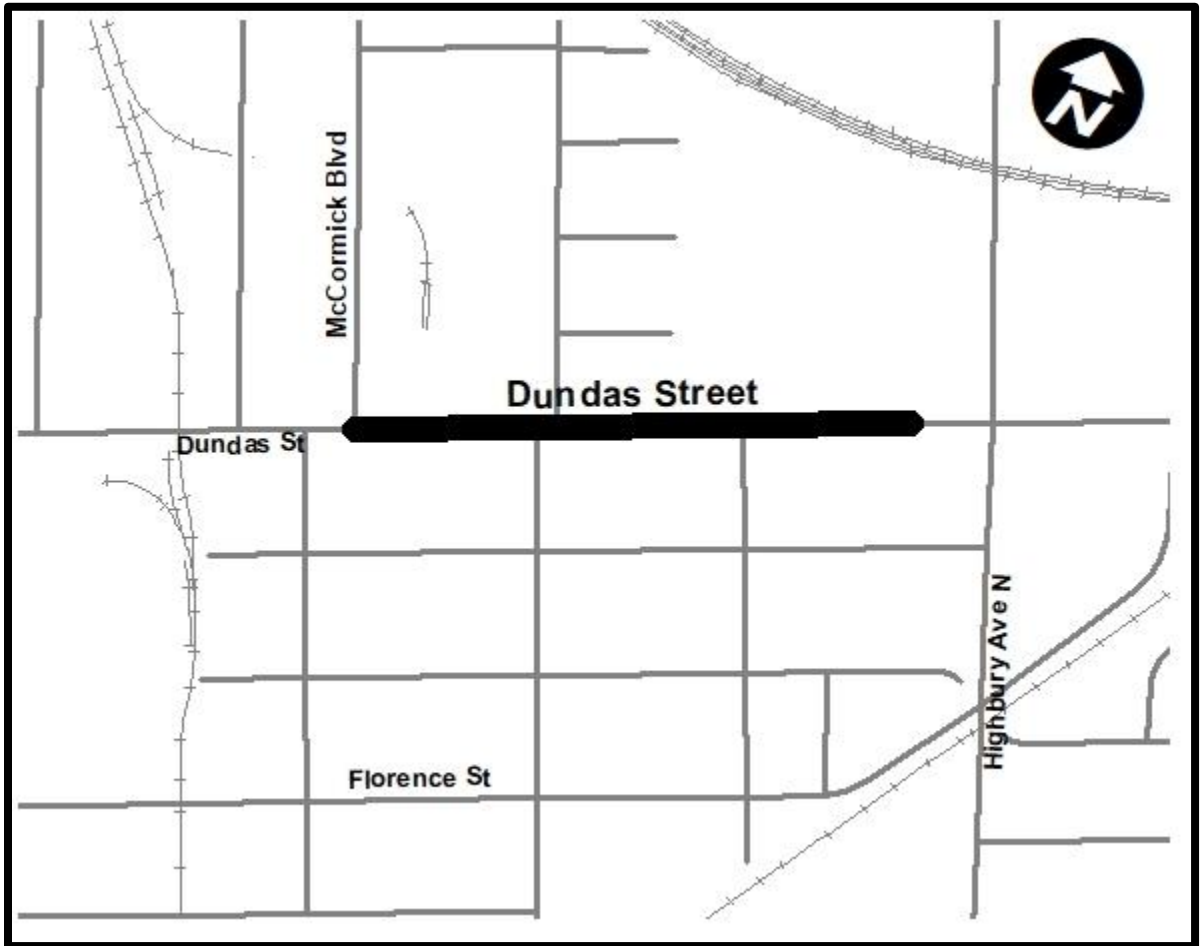
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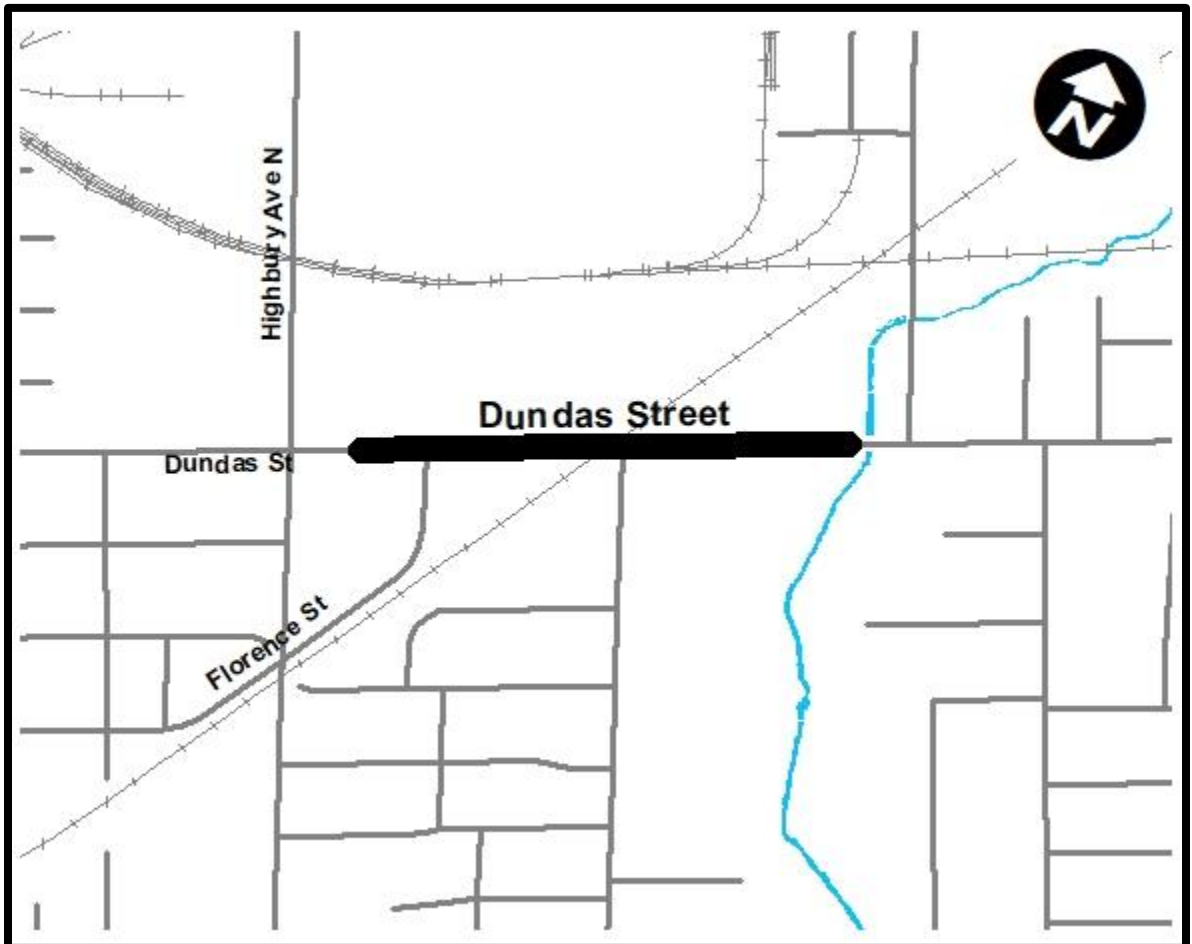
Jason Davies  
Manager of Financial Planning & Policy

APPENDIX B  
LOCATION MAPS

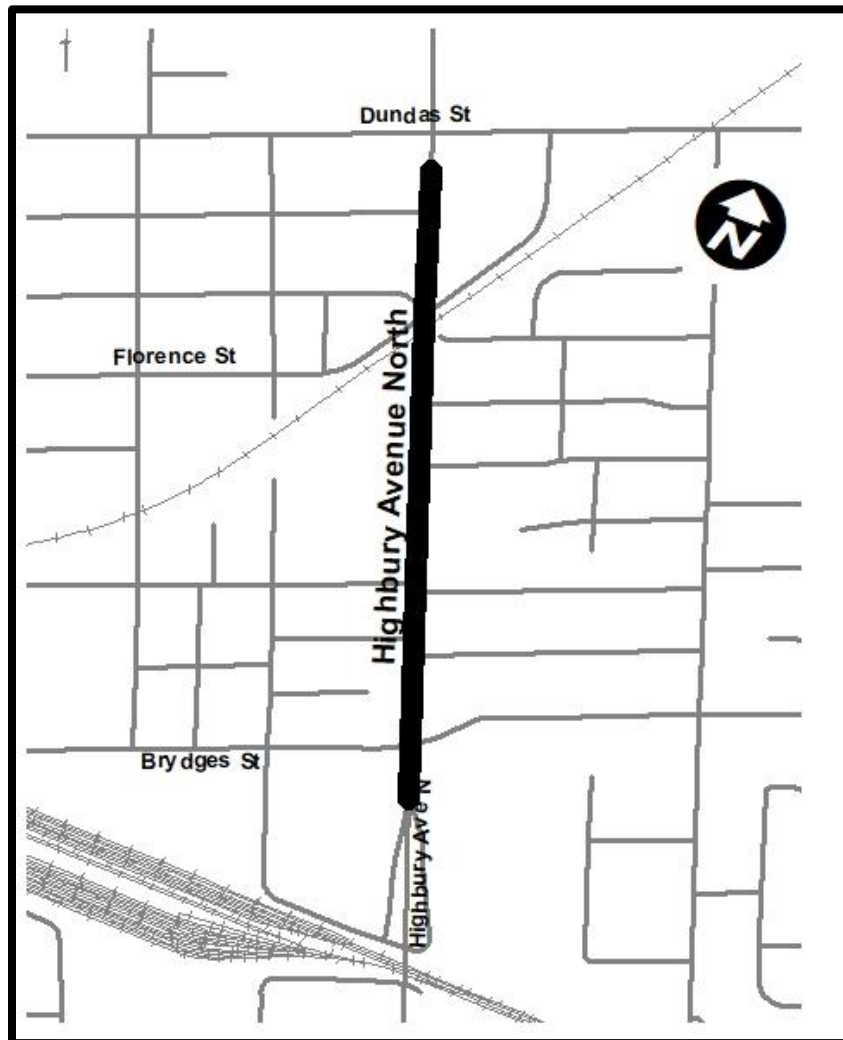
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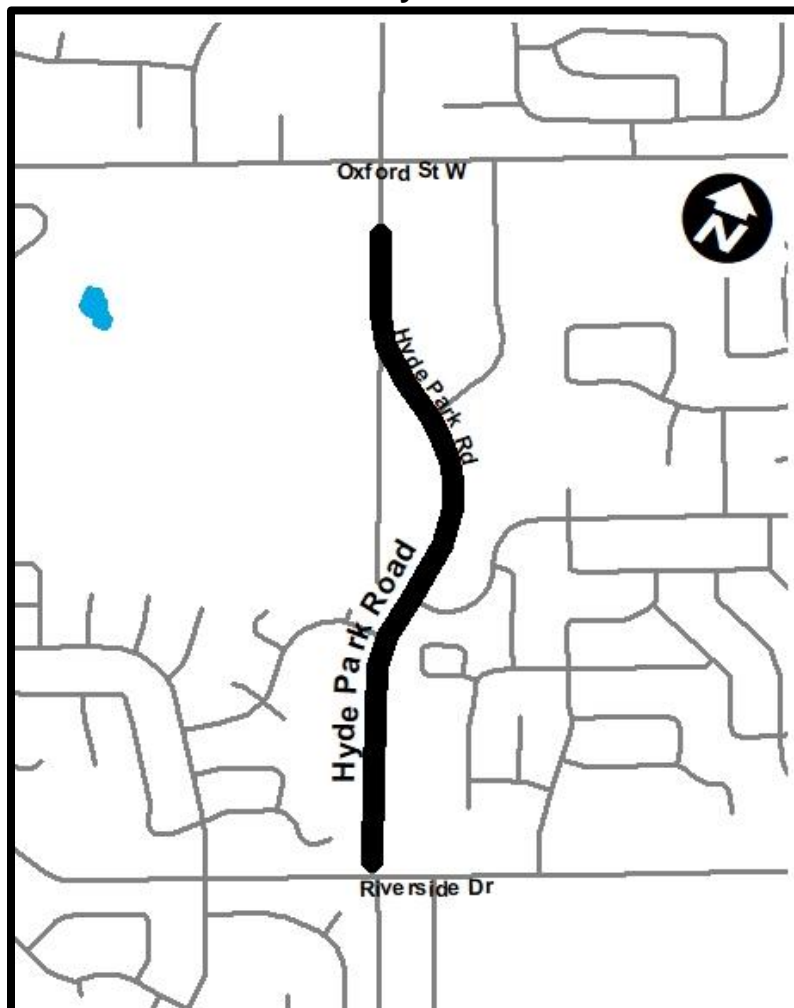
Section B – Dundas Street East-2



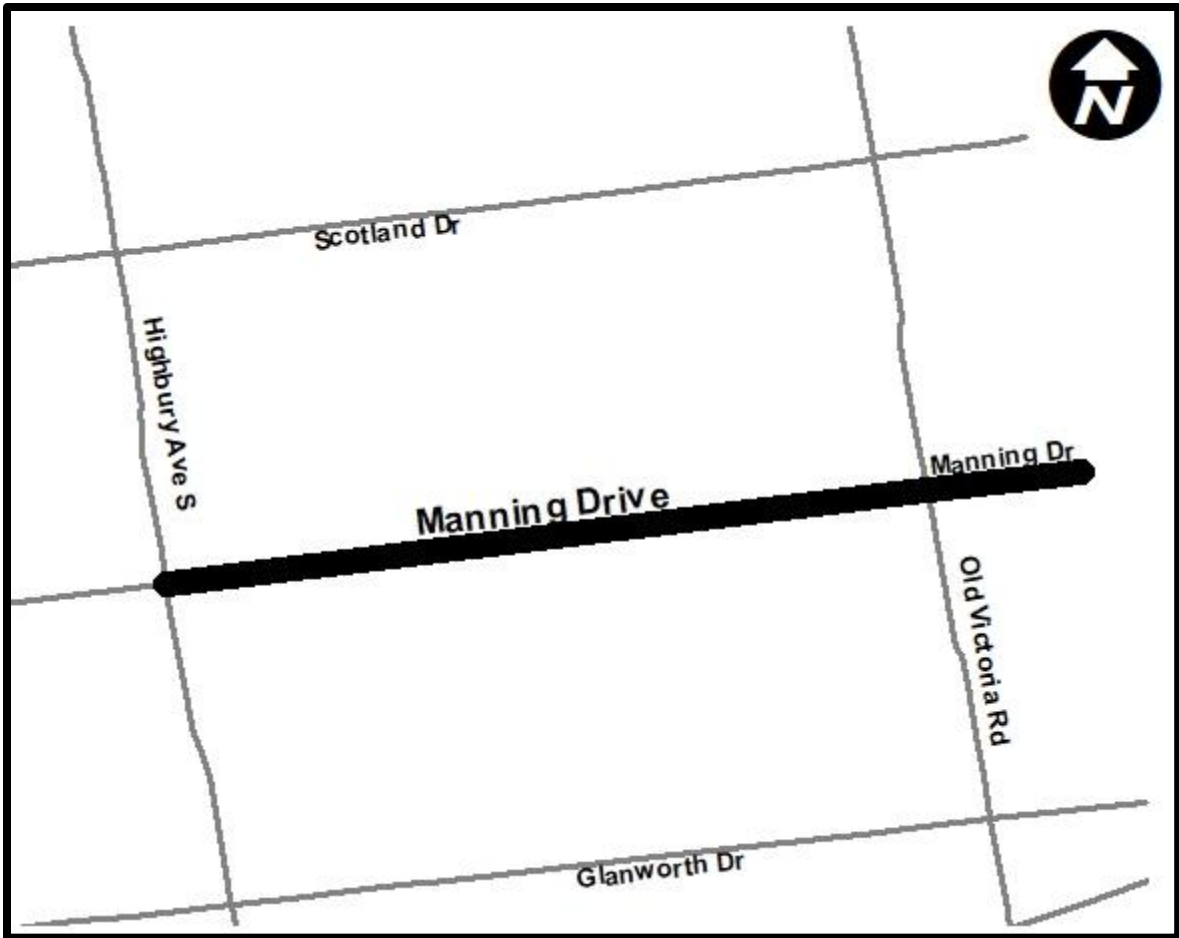
**Section C – Highbury Avenue North**



**Section D – Hyde Park Road**



Section E – Manning Drive



Section F – Kilbourne Road

