

Report to Civic Works Committee

To: Chair and Members
Civic Works Committee

From: Kelly Scherr, P.Eng., MBA, FEC
Managing Director, Environmental & Engineering Services
and City Engineer

Subject: Contract Award: Tender RFT21-16
2021 Infrastructure Renewal Program
English Street and Lorne Avenue Reconstruction

Date: March 30, 2021

Recommendation

That on the recommendation of the Managing Director, Environmental and Engineering Services and City Engineer, the following actions **BE TAKEN** with respect to the award of contracts for the English Street and Lorne Avenue Infrastructure Renewal Program Project:

- (a) the bid submitted by CH Excavating (2013) at its tendered price of \$3,773,382.95, excluding HST, for the English Street & Lorne Avenue Infrastructure Renewal Program Project, **BE ACCEPTED**; it being noted that the bid submitted by CH Excavating (2013) was the lowest of six (6) bids received and meets the City's specifications and requirements in all areas;
- (b) AECOM Canada Ltd., **BE AUTHORIZED** to carry out the resident inspection and contract administration for the said project in accordance with the estimate, on file, at an upset amount of \$389,141.50, excluding HST, in accordance with Section 15.2 (g) of the City of London's Procurement of Goods and Services Policy;
- (c) the proposed by-law, attached as Appendix 'C', reflecting the proposed changes to the English Street on-street parking limits, **BE INTRODUCED** at the April 13, 2021 Council Meeting for the purpose of amending the Traffic and Parking By-law (PS-113);
- (d) the financing for this project **BE APPROVED** as set out in the Sources of Financing Report attached, hereto, as Appendix A;
- (e) the Civic Administration **BE AUTHORIZED** to undertake all administrative acts that are necessary in connection with this project;
- (f) the approval given, herein, **BE CONDITIONAL** upon the Corporation entering into a formal contract, or issuing a purchase order for the material to be supplied and the work to be done, relating to this project (RFT21-16); and
- (g) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

Executive Summary

Purpose

This report recommends award of a tender to a contractor and continuation of consulting engineer services for the 2021 English Street & Lorne Avenue Infrastructure Renewal Program Project, which will reconstruct English Street from Dundas Street to the east leg of Princess Avenue and Lorne Avenue from English Street to approximately 100m to the east. A location map is included in Appendix 'B'.

Context

English Street and Lorne Avenue have been identified for reconstruction under the annual Infrastructure Renewal Program as the sanitary sewers and watermains within the project limits are at the end of their useful life. The sewer was constructed circa the 1900s of clay tile and the watermain is cast iron circa the 1890s-1900s. In addition to sanitary sewer and watermain replacement, the project will also include new asphalt, sidewalks, cycling infrastructure, safety improvements, heritage features, and street lighting.

Linkage to the Corporate Strategic Plan

The following report supports the Strategic Plan in the following areas:

- Building a Sustainable City:
 - London's infrastructure is built, maintained, and operated to meet the long-term needs of our community;
 - Londoners can move around the city safely and easily in a manner that meets their needs by incorporating cycling infrastructure and safety enhancements; and
 - London has a strong and healthy environment by incorporating stormwater management quantity and quantity controls to protect downstream waterways.
- Strengthening Our Community:
 - London's neighbourhoods have a strong character and sense of place by enhancing the character of the Old East Heritage Conservation District and integrating components of the Lorne Avenue Park development.

Analysis

1.0 Background Information

1.1 Previous Reports Related to this Matter

Civic Works Committee – July 18, 2019 – Appointment of Consulting Engineers, Infrastructure Renewal Program

London Advisory Committee on Heritage – December 9, 2020 – Heritage Alteration Permit Application by the Corporation of the City of London for the English Street Infrastructure Renewal Project in the Old East Heritage Conservation District

2.0 Discussion and Considerations

2.1 Project Description

The scope of construction for the English Street and Lorne Avenue Infrastructure Renewal Program Project includes the following improvements:

- Replacement of watermain and water services,
- Replacement of sanitary sewers,
- Partial replacement of existing sewer private drain connections,
- Storm sewer and road drainage improvements including curb-inlet catchbasins and implementing new stormwater management features,
- New asphalt road surface, concrete curb and gutter, and concrete sidewalks,
- Dedicated bicycle lanes on English Street between Dundas Street and Queens Avenue,
- Reconfiguration of the Queens Avenue at English Street intersection, and
- Private utility works and duct/conduit installation.

Infrastructure replacement needs have been coordinated within the Environmental and Engineering Services Department. The funding for this project comes from the approved 2021 Wastewater and Treatment, Water, and Transportation capital works budgets.

2.2 Road Design Considerations

A number of enhancements to the road design are being incorporated into the project to improve the usability and safety for all road users. A visual representation of these improvements is included as Appendix 'D', and summarized as follows:

- **Bicycle Lanes – Dundas Street to Queens Avenue**

The English Street bicycle lanes will provide connection between the eastbound bicycle lane on Dundas Street and westbound bicycle lane on Queens Avenue. The project was initially conceived to include bicycle lanes on English Street from Dundas Street to Princess Avenue. In response to community feedback, the limits of the bicycle lanes were subsequently revised to the limits noted.

- **Queens Avenue Intersection**

The intersection of English Street and Queens Avenue will see improvements that include directing pedestrian traffic toward the signalized pedestrian crossing, reducing the vehicle travel lane width and curb radii, adding curbed median islands, and adding additional pavement markings to the cycling facility. These improvements are intended to enhance safety and prepare the intersection for the future Queens Avenue improvement project east and west of the English Street intersection.

- **Reduced Road Width**

The proposed asphalt width of English Street between Queens Avenue and the east leg of Princess Avenue is being reduced to 7.0 meters. This reduction will still allow for two-way vehicular traffic and maintain on-street parking on the west side while also allowing for increased grass boulevard space.

2.3 On-Street Parking Adjustments

To accommodate bicycle lanes between Dundas Street and Queens Avenue within the existing asphalt road width, the west side on-street parking will be removed. Approximately 12 parking spaces will be lost.

To mitigate the loss of the on-street parking, the City reviewed the existing no-parking area near Lorne Avenue Park and will be changing the restriction to allow for on-street parking along this section. This will add approximately 8 parking spaces. While there is still a net loss of approximately 4 parking spaces, the project has worked to minimize the impacts to available on-street parking by not including bicycle lanes between Queens Avenue and Princess Avenue and by adjusting the limits of existing no-parking zones.

A Traffic and Parking By-law (PS-113) amendment reflecting the proposed changes to the English Street on-street parking limits has been included as Appendix 'C' of this report.

2.4 Heritage and Lorne Avenue Park Integration

The English Street and Lorne Avenue Infrastructure Renewal Program Project is located within the Old East Heritage Conservation District. The project design team has worked with the City Heritage Planner to ensure the character of the Conservation District is not only maintained but enhanced where possible. The enhancements to the heritage character of the project include:

- Incorporating green space boulevards,

- Replacing street name signs with the Heritage Conservation District style,
- Stamping street names into the concrete sidewalk, and
- Replacing street lighting with a new fixture and decorative arm more sympathetic to the heritage character of the Old East Heritage Conservation District.

A Heritage Alteration Permit (HAP) for the modifications to the road design was presented to the London Advisory Committee on Heritage at the December 9, 2020 meeting, and was subsequently passed by Council at the meeting of January 12, 2021. Additionally, the project team has worked with Parks Planning to coordinate Lorne Avenue Park opportunities into the English Street reconstruction. These opportunities include:

- Construction of three concrete “porches” along English Street initially identified for Phase 2 of the park development,
- Establishing landscaped planting gardens which will feature public art obelisks, and
- Installing the Park’s irrigation water service connection.

In 2020, the park development project installed a temporary asphalt access at the main entrance to the Lorne Avenue Park at the English Street/Lorne Avenue intersection. As part of the 2021 English Street reconstruction, the asphalt access will be removed and replaced with the permanent concrete entranceway.

2.5 Street Tree Impacts

This project included assessment of 82 street trees within the project limits. Six trees were identified for removal due to heaving, health, and structural issues that will be exacerbated by construction.

The project is retaining limited sections of sidewalk and utilizing trenchless service installation to protect and retain certain street tree specimens of historic and heritage significance including a white oak tree at 754 Queens Avenue and linden tree at 741 Queens Avenue.

2.6 Public Engagement & Community Association Consultation

A Project Notice (letter #1) was mailed out to affected properties within and adjacent to the construction limits as well as the Old East Community Association and BIA, dated January 31, 2020.

On August 13, 2020 the City held a virtual project introduction and preliminary design considerations overview meeting with the City project team, representatives of the Old East Community Association, BIA, and other steering group members. Based on issues raised and feedback received from these representatives, the project road design was revised to enhance the project, mitigate the impacts on residents, and improve the overall road safety.

On October 7, 2020 the City held a second virtual project design considerations meeting with representatives of the Old East Community Association to present the project design progress.

The project Pre-Construction Notice (letter #2), dated December 16, 2020, was mailed out to affected properties within and adjacent to the construction limits as well as the Old East Community Association and BIA. Included in this letter was an invitation for residents to view pre-recorded project information videos posted on the project webpage (<https://getinvolved.london.ca/english>). Typically, the City would hold an in-person Project Update Meeting (PUM) for Infrastructure Renewal Program projects, however due to the COVID-19 pandemic, adjustments were made to ensure public safety and to follow restrictions on public gatherings. These pre-recorded project information videos were intended to convey the same information as would have been presented at an in-person PUM, with residents being able to contact the City’s project

manager directly with questions.

3.0 Financial Impact/Considerations

3.1 Tender Summary

Tenders for the English Street & Lorne Avenue Infrastructure Renewal Program Project were opened on February 5, 2021. Six contractors submitted tender prices as listed in Figure 1 below, excluding HST.

Table 1: Summary of submitted tender prices

Contractor	Tender Price Submitted
CH Excavating (2013)	\$3,773,382.95
Bre-Ex Construction Inc	\$3,775,336.61
J-AAR Excavating Limited	\$3,827,414.64
Omega Contractors Inc.	\$3,855,155.96
Blue-Con Construction	\$3,977,739.74
Amico Infrastructure (Oxford) Inc.	\$4,306,999.55

All tenders have been checked by the Environmental and Engineering Services Department and AECOM. No mathematical errors were found nor did the bid submission contain unbalanced item prices which would negatively affect the City. The results of the tendering process indicate a competitive process. The tender estimate just prior to tender opening was \$3.66M, excluding HST. All tenders include a contingency allowance of \$375,000.

3.2 Consulting Engineer Services

AECOM was awarded the detailed design of the English Street and Lorne Avenue Infrastructure Renewal Program Project by Council on July 18, 2019. Due to the consultant's knowledge and positive performance on the detailed design, the consultant was invited to submit a proposal to carry out the resident inspection and contract administration for the project. AECOM Canada Ltd submitted a proposal which includes an upset limit of \$389,141.50, including 10% contingency, excluding HST.

Staff have reviewed the fee submission, including the time allocated to each project task, along with hourly rates provided by each of the consultant's staff members. That review of assigned personnel, time per project task, and hourly rates was consistent with other Infrastructure Renewal Program assignments of similar scope. The continued use of AECOM Canada Ltd on this project for construction administration is of financial advantage to the City because the firm has specific knowledge of the project and has undertaken work for which duplication would be required if another firm were to be selected.

In addition to the financial advantage, there are also accountability and risk reduction benefits. The City requires a Professional Engineer to seal all construction drawings. These 'record drawings' are created based on field verification and ongoing involvement by the Professional Engineer. This requirement promotes consultant accountability for the design of these projects, and correspondingly, reduces the City's overall risk exposure. Consequently, the continued use of the consultant who created and sealed the design drawings is required to maintain this accountability process and to manage risk.

In accordance with Section 15.2 (g) of the City of London's Procurement of Goods and Services Policy, civic administration is recommending that AECOM Canada Ltd be authorized to carry out the remainder of engineering services, as construction administrators, for a fee estimate of \$389,141.50, including 10% contingency, excluding

HST. These fees are associated with the construction resident inspection and contract administration services to ensure that the City receives the product specified and associated value. The approval of this work will bring the total engineering services for this project to \$607,362.50, excluding HST, for both detailed design and construction administration.

3.3 Operating Budget Impacts

Additional annual sewer, water, and transportation operating costs attributed to the new infrastructure installations are summarized in the following table.

Table 2: Summary of annual operating cost increase

Division	Rationale	Annual Operating Cost Increase
Sewer Operations	Additional manholes, catchbasins with quality control, and LIDs	\$700.00
Water Operations	Additional valve	\$75.00
Transportation Operations	Additional 269m of dedicated bicycle lanes	\$2,093.00
Total	Total of the above adjustments.	\$2,868.00

Conclusion

Civic Administration has reviewed the tender bids and recommends CH Excavating (2013) be awarded the construction contract for the English Street & Lorne Avenue Infrastructure Renewal Program Project at the submitted tender price of \$3,773,382.95.

AECOM has demonstrated an understanding of the City's requirements for this project, and it is recommended that this firm continue as the consulting engineer for the purpose of contract administration and resident supervision services, as it is in the best financial and technical interests of the City. The contract administration assignment is valued at an upset amount of \$389,141.50 (including contingency, excluding HST).

Prepared by: Ashley M. Rammeloo, MMSc., P.Eng., Division Manager, Sewer Engineering

Submitted by: Scott Mathers, MPA, P.Eng., Director, Water and Wastewater

Recommended by: Kelly Scherr, P.Eng., MBA, FEC, Managing Director, Environmental and Engineering Services and City Engineer

CC: D. Gough, C. Ginty, K. Chambers, A. Rozentals

Appendix 'A' – Sources of Financing report

Appendix 'B' – Location Map

Appendix 'C' – Traffic and Parking By-law (PS-113) Amendment

Appendix 'D' – English Street Bicycle Lanes and Queens Avenue Intersection Improvements

Appendix "A"

#21034

March 30, 2021
(Award Contract)

Chair and Members
Civic Works Committee

RE: Contract Award: Tender RFT21-16

2021 Infrastructure Renewal Program - English Street and Lorne Avenue Reconstruction

(Subledger WS21C00A)

Capital Project ES241421 - Infrastructure Renewal Program - Sanitary Sewers

Capital Project ES254021 - Infrastructure Renewal Program - Stormwater Sewers and Treatment

Capital Project ES302519 - Wastewater Servicing Built Area Works (2019-2023)

Capital Project EW376521 - Infrastructure Renewal Program - Watermains

Capital Project PK302020 - Maintain Urban Parks (2020-2023)

Capital Project TS173919 - Active Transportation (2019-2023)

Capital Project TS301421 - Road Network Improvements

Capital Project TS416519 - Urban Intersections (2019-2023)

Capital Project - TS512320 - Street Light Maintenance

CH Excavating (2013) - \$3,773,382.95 (excluding HST)

AECOM Canada Ltd. - \$389,141.50 (excluding HST)

Finance and Corporate Services Report on the Sources of Financing:

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

Estimated Expenditures	Approved Budget	Revised Budget	Committed To Date	This Submission	Balance for Future Work
ES241421 - Infrastructure Renewal Program - Sanitary Sewers					
Engineering	2,000,000	2,000,000	215,059	103,115	1,681,826
Construction	11,615,864	11,615,864	2,978,915	713,119	7,923,830
Construction (Utilities Share)	0	91,750	0	91,750	0
City Related Expenses	25,000	25,000	0	0	25,000
ES241421 Total	13,640,864	13,732,614	3,193,974	907,984	9,630,656
ES254021 - Infrastructure Renewal Program - Stormwater Sewers and Treatment					
Engineering	2,000,000	2,000,000	208,634	103,116	1,688,250
Construction	7,944,576	7,944,576	2,970,567	713,120	4,260,889
City Related Expenses	100,000	100,000	0	0	100,000
ES254021 Total	10,044,576	10,044,576	3,179,201	816,236	6,049,139
ES302519 - Wastewater Servicing Built Area Works (2019-2023)					
Engineering	416,865	416,865	364,594	52,271	0
Construction	6,679,224	6,679,224	3,948,886	655,904	2,074,434
Materials and Supplies	60	60	60	0	0
ES302519 Total	7,096,149	7,096,149	4,313,540	708,175	2,074,434
EW376521 - Infrastructure Renewal Program - Watermains					
Engineering	2,500,000	2,500,000	149,723	137,488	2,212,789
Construction	13,719,930	13,719,930	4,583,434	950,771	8,185,725
EW376521 Total	16,219,930	16,219,930	4,733,157	1,088,259	10,398,514
PK302020 - Maintain Urban Parks (2020-2023)					
Engineering	91,966	91,966	26,678	0	65,288
Construction	1,008,034	1,008,034	176,162	5,399	826,473
PK302020 Total	1,100,000	1,100,000	202,840	5,399	891,761
TS173919 - Active Transportation (2019-2023)					
Engineering	814,142	814,142	705,460	0	108,682
Construction	7,262,042	7,262,042	5,606,665	57,630	1,597,747
City Related Expenses	468	468	468	0	0
TS173919 Total	8,076,652	8,076,652	6,312,593	57,630	1,706,429
TS301421 - Road Network Improvements					
Construction	9,524,195	9,524,195	597,815	596,666	8,329,714
TS416519 - Urban Intersections (2019-2023)					
Engineering	800,000	800,000	188,906	0	611,094
Construction	1,200,000	1,200,000	121,332	15,608	1,063,060
Traffic Signals	2,510,000	2,510,000	364,172	0	2,145,828
Street Lights	1,490,000	1,490,000	20,759	0	1,469,241
TS416519 Total	6,000,000	6,000,000	695,169	15,608	5,289,223

Appendix "A"

#21034

March 30, 2021
(Award Contract)

Chair and Members
Civic Works Committee

RE: Contract Award: Tender RFT21-16
2021 Infrastructure Renewal Program - English Street and Lorne Avenue Reconstruction
(Subledger WS21C00A)

Estimated Expenditures continued	Approved Budget	Revised Budget	Committed To Date	This Submission	Balance for Future Work
TS512320 - Street Light Maintenance					
Engineering	300,000	300,000	32,285	0	267,715
Construction	2,543,887	2,543,887	124,663	38,212	2,381,012
TS512320 Total	2,843,887	2,843,887	156,948	38,212	2,648,727
Total Expenditures	\$74,546,253	\$74,638,003	\$23,385,237	\$4,234,169	\$47,018,597

Sources of Financing

ES241421 - Infrastructure Renewal Program - Sanitary Sewers

Capital Sewer Rates	9,140,864	9,140,864	943,974	816,234	7,380,656
Drawdown from Sewage Works Reserve Fund	2,250,000	2,250,000	0	0	2,250,000
Federal Gas Tax	2,250,000	2,250,000	2,250,000	0	0
Other Contributions (Utilities) (Note 2)	0	91,750	0	91,750	0
ES241421 Total	13,640,864	13,732,614	3,193,974	907,984	9,630,656

ES254021 - Infrastructure Renewal Program - Stormwater Sewers and Treatment

Capital Sewer Rates	820,480	820,480	820,480	0	0
Drawdown from Sewage Works Reserve Fund	6,974,096	6,974,096	108,721	816,236	6,049,139
Federal Gas Tax	2,250,000	2,250,000	2,250,000	0	0
ES254021 Total	10,044,576	10,044,576	3,179,201	816,236	6,049,139

ES302519 - Wastewater Servicing Built Area Works (2019-2023)

Drawdown from Sewage Works Reserve Fund	4,427,998	4,427,998	2,522,576	177,752	1,727,670
Drawdown from City Services - Wastewater Reserve Fund (Development Charges) (Note: 1)	2,668,151	2,668,151	1,790,964	530,423	346,764
ES302519 Total	7,096,149	7,096,149	4,313,540	708,175	2,074,434

EW376521 - Infrastructure Renewal Program - Watermains

Capital Water Rates	11,672,800	11,672,800	4,096,637	1,088,259	6,487,904
Drawdown from Capital Water Reserve Fund	3,910,610	3,910,610	0	0	3,910,610
Federal Gas Tax	636,520	636,520	636,520	0	0
EW376521 Total	16,219,930	16,219,930	4,733,157	1,088,259	10,398,514

PK302020 - Maintain Urban Parks (2020-2023)

Capital Levy	1,024,000	1,024,000	202,840	5,399	815,761
Drawdown from Capital Infrastructure Gap Reserve Fund	76,000	76,000	0	0	76,000
PK302020 Total	1,100,000	1,100,000	202,840	5,399	891,761

TS173919 - Active Transportation (2019-2023)

Capital Levy	391,425	391,425	391,425	0	0
Debenture By-law No. W.-5654-291	3,614,664	3,614,664	2,933,072	28,815	652,777
Drawdown from City Services - Roads Reserve Fund (Development Charges) (Note 1)	4,015,539	4,015,539	2,933,072	28,815	1,053,652
Other Contributions	55,024	55,024	55,024	0	0
TS173919 Total	8,076,652	8,076,652	6,312,593	57,630	1,706,429

TS301421 - Road Network Improvements

Capital Levy	8,724,195	8,724,195	597,815	596,666	7,529,714
Drawdown from Capital Infrastructure Gap Reserve Fund	800,000	800,000	0	0	800,000
TS301421 Total	9,524,195	9,524,195	597,815	596,666	8,329,714

TS416519 - Urban Intersections (2019-2023)

Drawdown from City Services - Roads Reserve Fund (Development Charges) (Note 1)	6,000,000	6,000,000	695,169	15,608	5,289,223
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Appendix "A"

#21034

March 30, 2021
(Award Contract)

Chair and Members
Civic Works Committee

RE: Contract Award: Tender RFT21-16
2021 Infrastructure Renewal Program - English Street and Lorne Avenue Reconstruction
(Subledger WS21C00A)

Sources of Financing continued	Approved Budget	Revised Budget	Committed To Date	This Submission	Balance for Future Work
TS512320 - Street Light Maintenance					
Capital Levy	2,667,304	2,667,304	156,948	38,212	2,472,144
Drawdown from Capital Infrastructure Gap Reserve Fund	176,583	176,583	0	0	176,583
TS512320 Total	2,843,887	2,843,887	156,948	38,212	2,648,727
Total Financing	\$74,546,253	\$74,638,003	\$23,385,237	\$4,234,169	\$47,018,597

Financial Note (Engineering):	ES241421	ES254021	ES302519	EW376521	TOTAL Engineering
Contract Price	\$101,332	\$101,333	\$51,367	\$135,110	\$389,142
Add: HST @13%	13,173	13,173	6,678	17,564	50,588
Total Contract Price Including Taxes	114,505	114,506	58,045	152,674	439,730
Less: HST Rebate	-11,390	-11,390	-5,774	-15,186	-43,740
Net Contract Price	\$103,115	\$103,116	\$52,271	\$137,488	\$395,990

Financial Note (Construction):	ES241421	ES241421 Start.ca	ES241421 Bell Canada	ES254021	ES302519D
Contract Price	\$700,785	\$29,314	\$62,436	\$700,786	\$644,560
Add: HST @13%	91,102	3,811	8,117	91,102	83,793
Total Contract Price Including Taxes	791,887	33,125	70,553	791,888	728,353
Less: HST Rebate	-78,768	-3,811	-8,117	-78,768	-72,449
Net Contract Price	\$713,119	\$29,314	\$62,436	\$713,120	\$655,904

	EW376521	PK302020B	TS173919	TS301421	TS416519
Contract Price	\$934,326	\$5,306	\$56,634	\$586,347	\$15,338
Add: HST @13%	121,462	690	7,362	76,225	1,994
Total Contract Price Including Taxes	1,055,788	5,996	63,996	662,572	17,332
Less: HST Rebate	-105,017	-597	-6,366	-65,906	-1,724
Net Contract Price	\$950,771	\$5,399	\$57,630	\$596,666	\$15,608

	TS512320	Total Construction
Contract Price	\$37,551	\$3,773,383
Add: HST @13%	4,882	490,540
Total Contract Price Including Taxes	42,433	4,263,923
Less: HST Rebate	-4,221	-425,744
Net Contract Price	\$38,212	\$3,838,179

Total Engineering and Construction **\$4,234,169**

Note 1: Development charges have been utilized in accordance with the underlying legislation and the approved 2019 Development Charges Background Study and the 2021 Development Charges Background Study Update.

Note 2: Start Communications and Bell Canada have confirmed their contribution towards this project. The expenditures have increased to accommodate their contributions.

Note 3: There will be additional annual operating costs of \$700 for Sewer Operations, \$75 for Water Operations and \$2,093 for Transportation Operations.

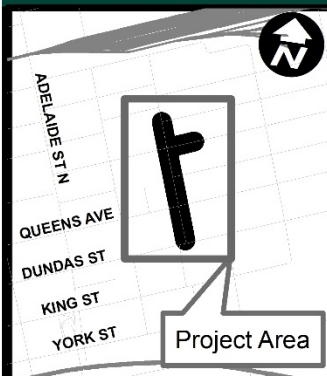
Jason Davies
Manager of Financial Planning & Policy

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APPENDIX 'B'



LOCATION MAP



**2021 Infrastructure Renewal Program
Contract 5**

English Street from Princess Avenue to Dundas Street
Lorne Avenue from English Street to approximately 100m east of English Street

 Project Area

Map Produced by
the Sewer
Engineering
Division
February 18 2021 CM



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APPENDIX C By-law to amend the Traffic and Parking By-law (PS-113)

Addition of bicycle lanes on English Street from Dundas Street to Queens Avenue.

Bill No.

By-law No. PS-113

A by-law to amend By-law PS-113 entitled, "A by-law to regulate traffic and the parking of motor vehicles in the City of London."

WHEREAS subsection 10(2) paragraph 7. Of the *Municipal Act, 2001*, S.O. 2001, c.25, as amended, provides that a municipality may pass by-laws to provide any service or thing that the municipality considers necessary or desirable to the public;

AND WHEREAS subsection 5(3) of the *Municipal Act, 2001*, as amended, provides that a municipal power shall be exercised by by-law;

NOW THEREFORE the Municipal Council of The Corporation of the City of London enacts as follows:

1. No Stopping

Schedule 1 (No Stopping) of the By-law PS-113 is hereby amended by **adding** the following row:

Column 1 Street	Column 2 Side	Column 3 From	Column 4 To	Column 5 Period
English Street	Both	Dundas Street	Queens Avenue	Anytime

2. No Parking

Schedule 2 (No Parking) of the By-law PS-113 is hereby amended by **deleting** the following row:

Column 1 Street	Column 2 Side	Column 3 From	Column 4 To	Column 5 Period
English Street	West	A point 45 m north of Dundas Street	Dundas Street	Anytime
English Street	East	Central Avenue	Dundas Street	Anytime

Schedule 2 (No Parking) of the By-law PS-113 is hereby amended by **adding** the following row:

Column 1	Column 2	Column 3	Column 4	Column 5
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Street	Side	From	To	Period
English Street	East	Queens Avenue	Central Avenue	Anytime

3. Limited Parking

Schedule 6 (Limited Parking) of the By-law PS-113 is hereby amended by **deleting** the following row:

Column 1 Street	Column 2 Side	Column 3 Area	Column 4 Time	Column 5 Period
English Street	West	Queens Avenue to Dundas Street	8:00 a.m. to 6:00 p.m.	1 Hour

4. Reserved Lanes

Schedule 9.1 (Reserved Lanes) of the By-law PS-113 is hereby amended by **adding** the following rows:

Column 1 Highways	Column 2 Between	Column 3 Lane	Column 4 Time/Day	Column 5 Direction	Column 6 Class/Type of Vehicle
English Street	Dundas Street to Queens Avenue	1 st Lane from east	Anytime	Northbound	Bicycle
English Street	Queens Avenue to Dundas Street	1 st Lane from west	Anytime	Southbound	Bicycle

This by-law comes into force and effect on the day it is passed.

PASSED in Open Council on April 13, 2021

Ed Holder
Mayor

Catharine Saunders

City Clerk

First Reading – April 13, 2021

Second Reading – April 13, 2021

Third Reading – April 13, 2021

