Notice of Study Commencement







Adelaide Street North Municipal Class Environmental Assessment Study

Notice of Study Commencement

The City of London is undertaking a Municipal Class Environmental Assessment (EA) Study for the Adelaide Street North widening according to the recommendations of the City's *Smart Moves Transportation Master Plan* (TMP). This project is being carried out under the planning and design process for a Schedule C project as outlined in the Municipal Engineers Association's *Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 and 2015)*.

Location:

Adelaide Street North from Fanshawe Park Road East to Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance.

Purpose of the Study:

Adelaide Street North is a north/south Civic Boulevard that was determined to be operating over capacity by 2030 in the City of London's *Smart Moves TMP* due to increasing development north of the study area as well as travel needs throughout the City as a whole. The TMP recommends that this section of Adelaide Street North be widened from two lanes to four lanes by 2020.

The Adelaide Street EA will:

- Assess / confirm the need and justification for widening of Adelaide Street North
- Identify and evaluate a range of alternative solutions to accommodate growing traffic volumes along this corridor, including intersection improvements particularly at Sunningdale Road; active transportation; and, transit improvements
- Review and develop a design that will be consistent with the visions and policies of the 2030 Transportation Master Plan

Consultation and input from the public, relevant technical agencies and stakeholder groups, and Indigenous Communities is a key element of the Class EA study. To facilitate this, two Public Information Centres (PICs) will be held to present the alternative solutions and recommended design. Notices of the PICs including date, time, and location will be advertised during the study and mailed to those on the study mailing list. Upon completion of the study, an Environmental Study Report (ESR) will be prepared and made available for a 30-day public review period. The ESR will document the Municipal Class EA planning and decision-making process undertaken.

For more information, to provide comments, or to be added to the mailing list, please visit http://www.london.ca/residents/environment/EAs/Pages/default.aspx or contact:

Henry Huotari, Project Manager Parsons Inc.

1069 Wellington Road South, Suite 214 London, ON N6E 2H6 Tel: 519-286-5517

Email: henry.huotari@parsons.com

Matthew Davenport, Project Manager City of London

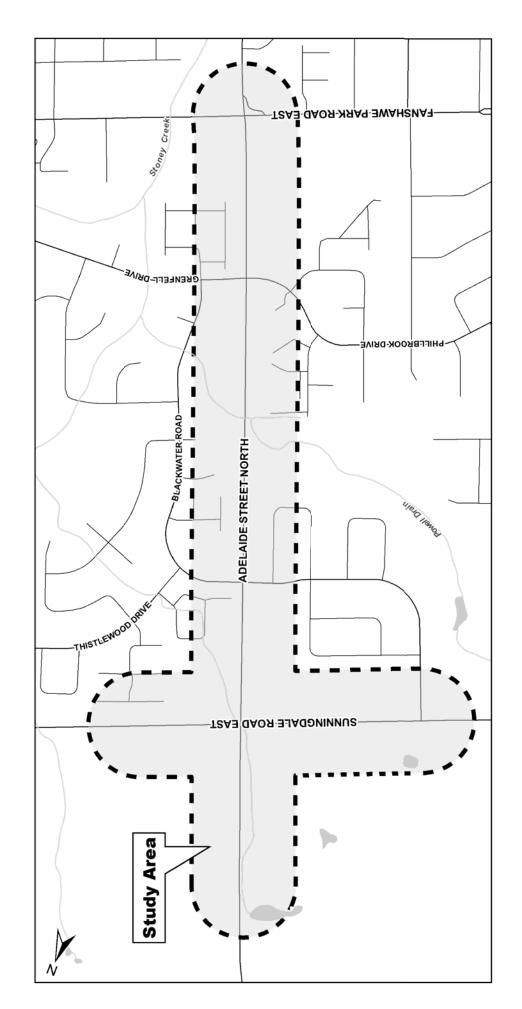
300 Dufferin Avenue, 8th Floor, P.O Box 5035 London, Ontario, N6A 4L9 Tel: 519-661-2489 x5232

Email: mdavenport@london.ca

Information collected for the study will be used in accordance with the Municipal Freedom of Information and Protection of Privacy Act. Except for personal information, including your name, address and property location, all comments received throughout the study will become part of the public record and included in project documentation.

MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT ADELAIDE STREET NORTH

STUDY AREA KEY MAP



Public Notices & BIDDING OPPORTUNITIES London CANADA

PLANNING APPLICATIONS

Notice of Application

The following applications have been received by the City of London. The Planning and Environment Committee will be considering these applications at a future public meeting, the date and time of which will be published in the Londoner. If you have any questions or would like to provide comment, please see "Providing Comment" below.

470 Colborne Street – The purpose and effect of this Official Plan and zoning change is to permit up to 8 residential apartments, medical/dental offices and other offices, day care centres and commercial and private schools. Possible amendment to the Official Plan to add a Specific Area Policy and/or amend the existing Specific Area Policy for the Woodfield Neighbourhood (Section 3.5.4) to permit, in addition to the uses permitted in the Low Density Residential designation, a minimum of one (1) and a maximum of eight (8) residential units, offices and medical/dental offices, commercial and private schools, and day care centres. Possible amendment to The London Plan to add a Specific Policy and/or amend the existing Specific Policy for the Woodfield Neighbourhood (Paragraphs 1033 – 1038) to permit, in addition to the uses permitted in the Neighbourhoods Place Type, commercial and private schools, office and medical/dental office uses. Possible change to Zoning By-law Z.-1 FROM a Commercial Recreation (CR) Zone **TO** a Residential Special Provision/Restricted Office Special Provision (R3-2()/RO1()) Zone to permit single detached, semi-detached, duplex, triplex, converted and fourplex dwellings including a converted dwelling with up to 8 residential units with a minimum lot area of 140m2 per unit, and medical/ dental offices and offices, day care centres, commercial and private schools together with a minimum of 1 dwelling units. Possible recognition of existing site conditions for the front and interior side yard depth and minimum landscaped open space. The City may also consider relief from the maximum permitted parking area coverage of 30 percent for residential uses in the requested Residential Special Provision (R3-2()) Zone. The City may also consider applying gross floor area maximums for requested uses that have high parking requirements, and a combined minimum number of parking spaces for a mix of residential and non-residential uses. File: OZ-8948 Planner: B. Debbert (Dundas)

536 and 542 Windermere Road – The purpose and effect of this zoning change is to permit cluster "back-to-back" townhouse dwellings. Possible change to Zoning By-law Z.-1 **FROM** a Residential R1 (R1-6) Zone **TO** a Residential R5 Special Provision (R5-7(__) Zone to permit cluster townhouse dwellings and cluster stacked townhouse dwellings. Special provisions are requested for a reduced front yard depth minimum of 2.1 metres and a reduced (westerly) interior side yard depth minimum of 1.7 metres. File: Z-8945 Planner: M. Campbell (Dundas)

723 Lorne Avenue (former Lorne Avenue Public School site) – The purpose and effect of this zone change is to permit single detached dwellings, cluster single detached dwellings, and a public park. Possible change to Zoning By-law Z.-1 FROM a Neighbourhood Facility (NF) Zone TO a Residential R1 Special Provision (R1-2(_)) Zone to permit single-detached dwellings with special provisions for a reduced maximum height of 9 metres, a reduced minimum front yard setback of 1 metre, a maximum front yard setback of 4 metres, prohibiting attached garages, a maximum driveway width of 3 metres, and requiring any dwelling abutting an Open Space (OS1) Zone to be oriented towards the Open Space (OS1)

Zone; a Residential R6 Special Provision (R6-2(_)) Zone to permit cluster single detached dwellings with special provisions for a reduced maximum height of 9 metres, to recognize the lot line abutting the Open Space (OS1) Zone as the front lot line, a reduced minimum front yard setback of 1 metre, a maximum front yard setback of 4 metres, and requiring any dwelling abutting an Open Space (OS1) Zone to be oriented towards the Open Space (OS1) Zone, and an Open Space (OS1) Zone permitting public parks and other conservation and recreation uses. Files: Z-8454 Planner: M. Knieriem (Dundas)

2475, 2506, 2555 Bonder Avenue, 2535 Advanced Avenue, 2575 Boyd Court – The purpose and effect of this zoning change is to allow for an increase in lot coverage from 40% to 60%. Possible change to Zoning By-law Z.-1 FROM a Light Industrial Special Provision (LI2(16)) TO a Light Industrial Special Provision (LI2(16)) TO a Light Industrial Special Provision (LI2(16)) Zone. File: Z-8949 Planner: M. Corby (Dundas)

Revised Notice of Application City-wide - Amendment to Section 4.10 (Home Occupations) of Z.-1 Zoning By-law. City Council intends to consider an amendment to Section 4.10 (Home Occupations) of the Z.-1 Zoning By-law to ADD day sitting for dogs and domestic cats as a permitted use, subject to specific regulations limiting such uses to single detached dwellings, day time use only, and the number of animals permitted on the premises to a total of eight (8), of which a maximum of three (3) dogs and five (5) domestic cats be allowed on the premises at any one time in conformity with the City of London Animal Control By-law (PH-3) and Dog Licensing and Control By-law (PH-4). The operator of a day sitting business for dogs and domestic cats must be the owner of the property or have consent from the property owner to operate the business, and dogs and domestic cats on the premises may be permitted outside provided they are leashed, or under supervision in an enclosed yard. A day sitting business may exceed 25 percent (25%) of the total floor area of the dwelling unit and may not be confined to one area of the dwelling unit. Planning and Environment Committee will consider this amendment at a future Public Participation Meeting, the date and time of which will be published in The Londoner. File: Z-8946 Planner: M. Sundercock

PROVIDING COMMENT

Your comments on these matters are important. You may comment by phone, mail, e-mail, or fax by calling 519-661-4980, or emailing the planner assigned to the file you are interested in. Mail should be directed to: The City of London, Planning Services, P.O. Box 5035, 300 Dufferin Ave., London, ON, N6A 4L9.

Please note: Personal information collected and recorded at the Public Participation Meeting, or through written submissions on this subject, is collected under the authority of the Municipal Act, 2001, as amended, and the Planning Act, 1990 R.S.O. 1990, c.P.13 and will be used by Members of Council and City of London staff in their consideration of this matter. The written submissions, including names and contact information and the associated reports arising from the public participation process, will be made available to the public, including publishing on the City's website. Video recordings of the Public Participation Meeting may also be posted to the City of London's website. Questions about this collection should be referred to Cathy Saunders, City Clerk, 519-661-2489 ext. 4937.

If a person or public body would otherwise have an ability to appeal the decision of the Corporation of the City of London or of the Approval Authority to the Local Planning Appeal Tribunal but the person or public body does not make oral submissions at a public meeting or make written submissions to the City of London before the application is adopted or approved, the person or public body is not entitled to appeal the decision.

If a person or public body does not make oral submissions at a public meeting or make written submissions to the City of London before the proposed amendment is adopted or approved, the person or public body may not be added as a party to the hearing of an appeal before the Local Planning Appeal Tribunal unless, in the opinion of the Tribunal, there are reasonable grounds to add the person or public body as a party.

ADDITIONAL INFORMATION

For more information about these matters, including information about appeal rights, contact Planning Services, 206 Dundas Street, 519-661-4980 or Development Services, 6th floor, City Hall, 300 Dufferin Ave., London, ON, 519-930-3500, Monday to Friday, 8:30am-4:30pm. The notices listed above indicate the office location of the files. Information for most subdivisions, condominiums, official plan amendments and zoning by-law amendments is also available at london.ca/planapps. Key maps for the lands described in these applications are not provided as they are available for review at the offices noted above.

*Please ensure you reference the File Number or address in all communications.

MINOR VARIANCES

The **Committee of Adjustment** for the City of London will meet on **Monday, September 17, 2018,** commencing at 1:20 p.m., on the second floor of City Hall, 300 Dufferin Avenue, London, Ontario for the purpose of hearing the following applications for Minor Variance to Zoning By-law Z.-1.

1:20 p.m. – A.113/18 – 187 Wharncliffe Road South – Request to permit a driveway width of 2.4m, whereas 2.7m is the minimum; and request to permit a driveway width 100% of the lot frontage, whereas 50% is the maximum.

If you wish to be notified of a decision of the Committee of Adjustment, you must appear in person or by Counsel at the hearing and file a written request with the Secretary-Treasurer of the Committee of Adjustment. An appeal from a decision of the Committee of Adjustment to the Local Planning Appeal Tribunal (LPAT) shall be filed within 20 days of making the decision. Any appeal must be filed with the Secretary-Treasurer of the Committee of Adjustment, in person at 7th Floor, City Hall, 300 Dufferin Ave., London, ON, or Mail to City of London, P.O. Box 5035, ON N6A 4L9. 519-661-2489 ext. 4988.

CONSENTS

The **London Consent Authority** will be considering the following application for consent no earlier than **Comments Due By September 12, 2018**

B.038/18 – 245 William Street – Request to sever approximately 31m2 from 245 William Street, and convey to 529 Horton Street for the purpose of existing residential uses. Planner: M. Sundercock If a person or public body that files an appeal of a decision of the City of London Consent Authority in respect of the proposed consent does not make written submissions to the Consent Authority, before it gives or refuses to give a provisional consent, the Local Planning Appeal Tribunal (LPAT) may dismiss the appeal. If you wish to be notified of the decision of the Consent Authority in respect of the proposed consent you must make a written submission to the City of London Consent Authority, 300 Dufferin Avenue, 6th Floor, London, Ontario, N6A 4L9. Additional information on these applications is available at the Consent Authority Office, Development and Compliance Services, Development Services, 6th Floor, City Hall, 300 Dufferin Avenue, London, Ontario 519-930-3500.

NOTICES

Notice of Public Information Centre – One River Master Plan Environmental Assessment Study

The City of London has retained Jacobs to undertake the One River Master Plan Environmental Assessment

(EA) to identify the preferred strategy for the Thames River to improve the overall health of the River. This was divided into two stages, with the first stage considering the future of Springbank Dam and the second stage assessing options for the Thames River in the City. With a free-flowing river selected as the preferred option for

Springbank Dam in Stage 1, Stage 2 of the One River Master Plan EA proceeded.

Stage 2 of the One River Master Plan EA has three components for which alternatives have been developed and assessed, and preferred solutions selected: the inaugural Back to the River project at the Forks of the Thames, the decommissioning of Springbank Dam, and the overall River Management Strategy. The Forks of the Thames and decommissioning of Springbank Dam components of the project are Schedule B EAs and are integrated with the overall preferred River Management Strategy. This is the second of two Public Information Centres (PICs) being held to provide details on the Stage 2 EA process. The first PIC provided information on alternatives for each component of the One River EA, and how the alternatives would be evaluated, as well as to receive input and comments from interested parties and the public. The second PIC will present the evaluations and the resulting recommended alternatives. Details of the second Stage 2 PIC are below.

Date: Wednesday, October 3, 2018

Time: 4:00 to 8:00 pm

Location: London Public Library, Central

251 Dundas St. London, ON N6A 6H9

City Staff and the project team from Jacobs will be available to discuss the information presented.

Comments received at the PICs will be included in the final One River Master Plan Environmental Assessment report.

For further information or if you are unable to attend a PIC and wish to provide your comments, please contact a member of the project team:

Ashley M. Rammeloo, P.Eng Manager, Engineering Rapid Transit Implementation Office City of London

300 Dufferin Ave P.O. Box 5035 London, ON N6A 4L9 Email: arammelo@london.ca

Tom Mahood, P.Eng Project Manager Jacobs

72 Victoria Street South, Suite 300
Kitchener, ON N2G 4Y9
Email: Tom.Mahood@jacobs.com
Please note that all correspondence will be
maintained for reference throughout the project and
will become part of the project record. Under the
Municipal Freedom of Information and Protection of
Privacy Act (MFIPPA) and the Environmental
Assessment Act (EAA), unless otherwise stated in the
submission, any personal information such as name,
address, telephone number and property location
included in a submission will become part of the
public record files for this project and will be released,
if requested, to any person.

Notice of Public Participation Meeting – Fees and Charges By-law – September 17, 2018, not to be heard before 4:00 PM, Council Chambers, City Hall, 300 Dufferin Avenue. The Strategic Priorities and Policy Committee will hold a public participation meeting to receive delegations and their comments regarding the City of London's Fees and Charges

Public Notices & Bidding Opportunities

By-law. The Fees and Charges By-law set out fees and charges that will be collected by The Corporation of the City of London for services provided by Services Areas throughout the Corporation.

Information regarding the above-noted matter will be posted on the City of London's website at www.london.ca. Written submissions regarding the above-noted matter to be included on the Strategic Priorities and Policy Committee Added Agenda for the meeting should be submitted by no later than 9:00 AM on Friday, September 14, 2018, either delivered or mailed to the City Clerk's Office, Room 308, 300 Dufferin Avenue, P.O. Box 5035, London, ON N6A 4L9. Submissions in accordance with the above-noted deadline may be e-mailed to sppc@london.ca.

Personal information collected and recorded at the public participation meeting or submitted in writing on this subject is collected under the authority of the Municipal Act, 2001, as amended, and will be used by Members of Council and City of London staff in their review of this matter. The written submissions, including names and contact information and the report of the public participation meeting, will be made available to the public, including posting on the City of London's website. A video recording of the meeting proceedings may also be posted to the City of London's website. Questions about this collection should be referred to Cathy Saunders, City Clerk, 519-661-2500 ext. 4937.

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Purpose of the Study:

The Adelaide Street North EA will:

- Assess / confirm the need and justification for widening of Adelaide Street North
- Identify and evaluate a range of alternative solutions to accommodate growing traffic volumes along this corridor, including intersection improvements particularly at Sunningdale Road; active transportation; and, transit improvements.

Review and develop a design that will be consistent with the visions and policies of the 2030 Transportation Master Plan. Consultation and input from the public, relevant technical agencies and stakeholder groups, and Indigenous Communities is a key element of the Class EA study. For more information, to provide comments, or to be added to the mailing list, please visit http://www.london.ca/residents/environment/EAs/Pages/default.aspx or contact:

Henry Huotari, Project Manager Parsons Inc.

1069 Wellington Road South, Suite 214 London, ON N6E 2H6 Tel: 519-286-5517 Email: henry.huotari@parsons.com

Matthew Davenport, Project Manager City of London

300 Dufferin Avenue, 8th Floor, P.O Box 5035 London, Ontario, N6A 4L9 Tel: 519-661-2489 x5232 Email: mdavenport@london.ca Notice of Study Commencement

Public and Stakeholder Correspondence





ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Please indicate the appropriate response. You are: A Study Area Resident From a Study Area Business An Interest Group Representative (please specify below)	Other (please specify)
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Please return this form to the contact below using an	y of the methods listed:
Salina Chan, Environmental Assessment Planner Mailing Address: 1069 Wellington Road South, Suite Email: <u>Salina.Chan@parsons.com</u> Fax: 905-681-4995	214, London, ON N6E 2H6



ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

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Please return this form to the contact below using any of the methods listed:

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com



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ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Please indicate the appropriate response. Yo	u are:			
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Salina Chan, Environmental Assessment Pla	nner			
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ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

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Please return this form to the contact below using any	of the methods listed:

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com



Please indicate the appropriate response. You are:



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Municipal Class Environmental Assessment Study

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I would like to be kept informed of the project.

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Please return this form to the contact below using any of the methods listed:

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com



Email: Salina.Chan@parsons.com

Fax: 905-681-4995



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Salina Chan, Environmental Assessment Planner Mailing Address: 1069 Wellington Road South, Suite 2	14, Lo	London, ON N6E 2H6



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Municipal Class Environmental Assessment Study

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☐ Please remove me from the project mailing list.

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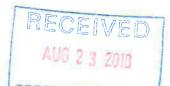
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Salina Chan, Environmental Assessment Planner Mailing Address: 1069 Wellington Road South, Suite 2 Email: Salina.Chan@parsons.com	214, L	ondon, ON N6E 2H6



ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

Please indicat	te the appropriate response. You are:		æ
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Please return	this form to the contact below using any c	of the	methods listed:
Salina Chan, I	Environmental Assessment Planner		

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Email: Salina.Chan@parsons.com



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Salina (Mailing Email: §	Chan, Environmental Assessment Planner Address: 1069 Wellington Road South, Suite 214 Salina.Chan@parsons.com 95-681-4995			

ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

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ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

Please indicate the appropriate response. You are:		74	
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Please indicate the appropriate response:

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Please indicate the appropriate response: I would like to be kept informed of the project. Please remove me from the project mailing lis	ot. ny of the methods listed:

Evraire, Andrew

From: Evraire, Andrew

Sent: <u>Friday, October 16, 2020</u> 2:11 PM

To:

Cc: Davenport, Matthew; Hussain, Altaf

Subject: Adelaide Street North Environmental Assessment Study

Hello

Thank you for providing your comments on the Adelaide Street North Environmental Assessment Study (EA) which were received in April 2020.

Improvements to Adelaide Street North are expected to commence in 2029 subject to funding and approvals. The construction staging design for the road widening will consider the needs of vehicles, pedestrians, cyclists and transit users including maintenance of traffic flow and access to private driveways, businesses and side streets. It is expected a minimum of one lane in each direction would be maintained during construction.

Should you have any further questions or comments regarding this EA, please don't hesitate to let us know.

Regards,

Andrew Evraire, MCIP, RPP | Planner 1393 North Service Road, Suite 103, Oakville, ON L6H 1A6 Andrew.Evraire@Parsons.com M: +1 437.774.4309

Parsons | LinkedIn | Twitter | Facebook | Instagram



From:
To: Chan, Salina
Subject: Adelaide St. N. EAS

Date: Saturday, August 18, 2018 9:21:55 AM

Dear Salina,

We are study area residents. Please keep us informed of the project. Via email is best to prevent the further waste of trees.

We hope the study will see the benefit of added cycling and transit infrastructure instead of widening the roads.



ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

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 ✓ A Study Area Resident ☐ From a Study Area Business 	☐ Other (please specify)	
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Email: Salina.Chan@parsons.com





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Municipal Class Environmental Assessment Study

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Email: Salina.Chan@parsons.com

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Municipal Class Environmental Assessment Study

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The widening of Adelaide Street will obviously increase traffic speed and volume which in turn will increase the sounds and noises from trucks, cars and motorcycles. The Garabaldi residents currently have a fence behind the homes to protect from sound and keep any vandals from entering our properties from Adelaide Street. Most homes have bedrooms on back of house and as such we are recommending that a proper sound barrier wall will be erected to replace the existing wall to handle the increased sound problem that will be created from widening Adelaide to 4 lanes.

Please indicate the appropriate response:

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Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com



From: <u>Huotari, Henry</u>
To: <u>Chan, Salina</u>
Cc: <u>Doucette, Tisha</u>

Subject: FW: Adelaide assessment

Date: Tuesday, September 4, 2018 9:59:10 AM

From:

Sent: Wednesday, August 15, 2018 2:26 PM

To: Huotari, Henry < Henry. Huotari@parsons.com>

Subject: Adelaide assessment

Hi,

1. I would like to be kept informed.

2. The Blackwater/Adelaide intersection is quite busy now and probably needs to be considered for a traffic light when Adelaide is widened.

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Fax: 905-681-4995

ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

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Please return this form to the contact below using any	y of the methods listed:	
Salina Chan, Environmental Assessment Planner Mailing Address: 1069 Wellington Road South, Suite 2 Email: Salina.Chan@parsons.com Fax: 905-681-4995	214, London, ON N6E 2H6	

From: To: Chan, Salina

Subject: Municipal Class Environmental Assessment Study (Adelaide St. from Fanshawe to Sunningdale)

Date: Monday, August 27, 2018 11:46:48 AM

I received notice of this study by mail recently and wish to express my interest in being kept informed of the project. I am a study area resident living at

From: Chan, Salina
To:

Subject: RE: Municipal Class Environmental Assessment Study,

Date: Tuesday, August 14, 2018 12:24:00 PM

Thank you for your email and your interest in this study. I am replying to confirm that I have received your email and that we have added you to our study list. You will receive all future notices for this study, including those for future public information centres.

Thank you,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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From:

Sent: Monday, August 13, 2018 9:30 PM **To:** Chan, Salina <Salina.Chan@parsons.com>

Subject: Municipal Class Environmental Assessment Study,

Dear Salina:

I have received your mailed information regarding: Adelaide Street North From Fanshawe Park Road East to Sunningdale Road East, City of London. As per the instructions, I am contacting you via Email.

I am a resident in this area and would like to be kept informed of developments and any information sessions.



Kindly confirm receipt of this Email and being on the communication list.

ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

Please indicate the appropriate response. You are: A Study Area Resident From a Study Area Business An Interest Group Representative (please specify below)	0	Other (please specify)
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Please indicate the appropriate response:

I would like to be kept informed of the project.

☐ Please remove me from the project mailing list.

Please return this form to the contact below using any of the methods listed:

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com



ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

Please indicate the appropriate response. You are:	
 □ A Study Area Resident ▶ From a Study Area Business □ An Interest Group Representative (please specify below) 	Other (please specify)
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Comments:

Please indicate the appropriate response:

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Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com

Fax: 905-681-4995

Phone:

E-Mail:



From:
To: Chan, Salina
Subject: Re Municipal Study

Date: Monday, August 13, 2018 6:08:27 PM

We live on and would like to stay informed. Please also consider a traffic light at the corner of Blackwater and Adelaide. During rush hour it is very difficult to turn left onto Adelaide from Blackwater.



ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

SUNNINGDALE ROAD E	AST, CITY OF LONDON	
Municipal Class Environme	ental Assessment Study	
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Salina Chan, Environmental Assessment Dis-		
Widning Address: 1069 Wellington Road South Suite 2	244	
Email: Salina.Chan@parsons.com Fax: 905-681-4995	:14, London, ON NGE 2H6	
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Municipal Class Environmental Assessment Study

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Email: Salina.Chan@parsons.com

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Municipal Class Environmental Assessment Study

Please indicate the appropriate response. You are:	
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From Fanshause Park Road to Sunningdale R.	تمدلا
And along Sunningdale Road within the study	Orec

Please indicate the appropriate response:

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Please indicate the appropriate response: I would like to be kept informed of the project. Please remove me from the project mailing list.		
Please return this form to the contact below using any c	of the	methods listed:
Salina Chan, Environmental Assessment Planner Mailing Address: 1069 Wellington Road South, Suite 21 Email: <u>Salina.Chan@parsons.com</u>	.4, L o	ndon, ON N6E 2H6

Salina Chan, Environmental Assessment Planner

Email: Salina.Chan@parsons.com

Fax: 905-681-4995

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

Please indicate the appropriate respo ☐ A Study Area Resident ☐ From a Study Area Business ☐ An Interest Group Representat (please specify below)	٥	Other (please specify)	-
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Parsons PLUS envision more

ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

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Salina Chan, Environmental Asses Mailing Address: 1069 Wellington Email: <u>Salina.Chan@parsons.com</u>		ondon, ON N6E 2H6

Please indicate the appropriate response. You are:

ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

 A Study Area Resident □ From a Study Area Business □ An Interest Group Representative (please specify below) 	Other (please specify)	
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I would like to be kept informed of the project.

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Please return this form to the contact below using any of the methods listed:

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com



ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

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Please return this form to the contact below using any of the methods listed:
Salina Chan, Environmental Assessment Planner
Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6
Email: <u>Salina.Chan@parsons.com</u> Fax: 905-681-4995

ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

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Please return this form to the contact below using any of the methods listed:

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com



ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

Please indicate the appropriate response. You are:	*
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Salina Chan, Environmental Assessment Planner

☐ Please remove me from the project mailing list.

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com

ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

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ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

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Salina Chan, Environmental Assessment Plann	
Mailing Address: 1069 Wellington Road South Email: <u>Salina.Chan@parsons.com</u>	Suite 214, London, ON N6E 2H6
	Parsona PLUS envision more

Email: Salina, Chan@parsons.com

Fax: 905-681-4995

ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Please indicate the appropriate response. You are: A Study Area Resident From a Study Area Business An Interest Group Representative (please specify below)	Other (please specify)
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Please return this form to the contact below using any o	f the methods listed:
Salina Chan, Environmental Assessment Planner Mailing Address: 1069 Wellington Road South, Suite 21	4. London, ON NEE 2HE



From: <u>Davenport, Matthew</u>

To:

Cc: Chan, Salina; Doucette, Tisha
Subject: RE: Adelaide Street North EA

Date: Wednesday, August 22, 2018 9:50:20 AM

Attachments: <u>image001.png</u>

Thank you for expressing interest in our project. We will keep you on the mailing list. Regards,



Matt Davenport, EIT
Engineer in Training
Transportation Planning & Design
City of London

300 Dufferin Ave, P.O. Box 5035, London ON N6A 4L9 P: 519.661.CITY (2489) x5232 | Fax: 519.661.4734 mdavenport@london.ca | www.london.ca[london.ca]

From:

Sent: Monday, August 20, 2018 8:18 PM

To: Davenport, Matthew <mdavenport@london.ca>

Subject: Adelaide Street North EA

Hello,

I would like to be on/stay on the mailing list about Adelaide Street North at Sunningdale. I did receive a letter already. I'm not sure if that means I will receive future information, but I would like to.

Thanks.

From: Chan, Salina
To:

Cc: mdavenport@london.ca; "Giesen, Andrew"; Doucette, Tisha; Huotari, Henry

Subject: RE: Adelaide St. North from Fanshawe Park Rd E to Sunningdale Rd E.

Date: Tuesday, December 18, 2018 5:54:00 PM

Apologies for the delayed response and thank you for your interest in this study and we want to let you know that we have received and noted your comments. Many of your concerns will be reviewed and assessed as part of this Adelaide St Improvements Class EA.

As part of this study, the project team has conducted a traffic analysis, and we are currently reviewing the previous recommendation of the traffic circle at Adelaide and Sunningdale, which will consider various factors such as traffic, access, and safety for all road users (vehicles, pedestrians, cyclists, transit).

Part of the study process includes incorporating a Complete Streets design, which involves selecting a layout that is appropriate for all road users (vehicles, transit, pedestrians, cyclists, etc.). However, it is still early in our study, and we are not able to provide any specifics at this time. As the study progresses, we will be able to provide more information.

Thank you,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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From:

Sent: Friday, August 17, 2018 3:47 PM

To: Chan, Salina <Salina.Chan@parsons.com>

Cc: mdavenport@london.ca

Subject: Adelaide St. North from Fanshawe Park Rd E to Sunningdale Rd E.

I am a Study Area Resident.



^{**}I would like to be kept informed of the project, please**

Comments:

Firstly, I don't like the idea of a roundabout at Fanshawe/Sunningdale. They're great for cars, but terrible for pedestrians. And this corner is going to get very busy. Since my kids definitely use this intersection on foot, this one is a deal-breaker for me--a roundabout would be too dangerous here.

Secondly, please have a good bike lane. My whole family bike along this stretch, and it's pretty good right now, except for the changeover from street-to-bikepath, where the transition is too sharp and bumpy. In a new design, I hope there's a well thought-out transition (or a consistent dedicated bike lane) all of the way down to Fanshawe.

Vehicular traffic coming northbound on Adelaide crossing Fanshawe is ridiculous right now; there are either responsible people who wait for a long time in the left lane, or speeding jerks who rush up the right lane and nearly cause accidents. The concept of a "zipper merge" simply does not work because good people are expected to make concessions for jerks and it never happens the other way around (because by definition, they're "jerks"). Just north of Fanshawe, the widening requires two through-lanes, as well as a left turn into Sobey's, and a right turn lane allowing turns into the apartment complex or onto Grenfell. Coming out of Sobey's is also already extremely difficult to make a left (out of either exit) and extremely prone to cyclists being hit (I've almost been hit there a number of times), but I don't know how that can be mitigated--there's currently no safe way out of that plaza heading north.

Finally, I am hoping that transit can be extended up to Sunningdale. Yes, there's the community-serving **bus route 38** here to get us to Masonville. And obviously the **Express 92** needs to take Fanshawe for speed (understandable). But the **Adelaide 16** bus should be extended so that its departure from Masonville Mall would bring it north on Richmond, right onto Sunningdale, and then right on Adelaide (heading south). Having all right-hand turns would make this a fast addition, and allow those of us near Sunningdale to have direct access to one of the major LTC routes without having to always take a 10-to-15-minute walk to/from Fanshawe. It would also allow residents to get out of the suburbs quickly, without having to get to Masonville in order to transfer.

Thank you.

From: Chan, Salina

To:

Cc: <u>Doucette, Tisha; Huotari, Henry; "Giesen, Andrew"; "Davenport, Matthew"</u>

Subject: RE: Adelaide Street North MC EA - London, Ontario

Date: Tuesday, December 18, 2018 5:44:00 PM

Attachments: <u>image001.png</u>

Apologies for the late reply and thank you for your interest in this study and for providing your comments and questions.

As part of the Adelaide Street North EA the project team has conducted a traffic analysis, including traffic signal needs, at key intersections such as Adelaide/Blackwater and Sunningdale/Blackwater. We are currently reviewing the recommendation of the roundabout at Adelaide and Sunningdale, which will consider various factors such as traffic, access, and safety.

At this point in the study we are not able to provide definitive answers to your question on construction phasing. Please note that our study considers the future widening of Adelaide Street North from Fanshawe to Sunningdale. A previous study concerning the widening of Sunningdale Road (from Wonderland to Adelaide) was completed by a separate project team in May 2013. Additional information on the Sunningdale Road project can be found here: https://www.london.ca/residents/Environment/EAs/Pages/Sunningdale-Road-Environmental-Assessment.aspx

Thank you,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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From:

Sent: Wednesday, August 15, 2018 9:22 AM **To:** Chan, Salina <Salina.Chan@parsons.com>

Subject: Adelaide Street North MC EA - London, Ontario

Hello Salina,

Please find attached my response.

Sincerely,

From:
To: Chan, Salin

Subject: Adelaide Street North - Environmental Assessment Study

Date: Tuesday, August 14, 2018 3:34:51 PM

Ms Chan

I today received the Notice of Study for the above named area.

Please include me in all upcoming information to be sent out on this project.

I would like to know if the plan to widen Adelaide St. will include the installation of a traffic light at the intersection of Blackwater Road and Adelaide as well as the building of the scheduled round about at this time or will the roundabout wait until 2025 as I was earlier advised by London's planning department. In the absence of a roundabout will there be turning lanes to and from Adelaide to Sunningdale? Also will Sunningdale east of Adelaide be widened with the ditches on both sides of Sunningdale Road be plumbed for drainage to allow the elimination of those ditches beyond the new driveway access for the new commercial development on the SE corner of the Sunningdale intersection?

From: <u>Davenport, Matthew</u>

To:

Cc: <u>Huotari, Henry</u>; <u>Doucette, Tisha</u>; <u>Chan, Salina</u>; <u>Giesen, Andrew</u>

Subject: RE: Adelaide Street North Study

Date: Wednesday, August 15, 2018 1:52:18 PM

Attachments: <u>image001.png</u>



Thank you for your interest in our study. You will be added to our mailing list.

Also, thank you for the notifying us of the website problem. We are working to resolve this issue.

Regards,



Matt Davenport, EIT Engineer in Training Transportation Planning & Design

300 Dufferin Ave, P.O. Box 5035, London ON N6A 4L9 P: 519.661.CITY (2489) x5232 | Fax: 519.661.4734 mdavenport@london.ca | www.london.ca[london.ca]

----Original Message----

From:

Sent: Tuesday, August 14, 2018 8:23 AM

To: Davenport, Matthew <mdavenport@london.ca>; Henry Huotari

<henry.huotari@parsons.com>

City of London

Subject: Adelaide Street North Study

Greetings

Please add me to the mailing list for this study.

Please note that one cannot sign up for the mailing list on the webpage in its present format..

Thanks



From: Chan, Salina

Subject: Fwd: Adelaide Street EA

Date: Tuesday, August 14, 2018 6:28:02 PM

Hello again.
My apologies.

On Tue, Aug 14, 2018 at 6:26 PM,

wrote:

Hello Salina.

Regarding the recent notice of Study Commencement, I appreciate the notification but please remove me from the project mailing list.

Thanks,



ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

	Please indicate the appropriate response. You are: A Study Area Resident From a Study Area Business An Interest Group Representative (please specify below)	a	Other (please specify)
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	Salina Chan, Environmental Assessment Planner Mailing Address: 1069 Wellington Road South, Suite 2: Email: Salina.Chan@parsons.com Fax: 905-681-4995	14, L	ondon, ON N6E 2H6
			% \$3

From: Chan, Salina
To:

Cc: Doucette, Tisha; Huotari, Henry; "Giesen, Andrew"; mdavenport@london.ca

Subject: RE: Response to Adelaide St widening

Date: Tuesday, December 18, 2018 5:52:00 PM

Hi

Apologies for the delayed response and thank you for your interest in this study and we want to let you know that we have received and noted your comments.

As part of this study, the project team has conducted a traffic analysis, and we are currently reviewing the recommendation of the traffic circle at Adelaide and Sunningdale, which will consider various factors such as traffic, access, and safety for all road users (vehicles, pedestrians, cyclists).

Thank you,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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From:

Sent: Friday, August 17, 2018 1:23 PM

To: Chan, Salina <Salina.Chan@parsons.com> **Subject:** Response to Adelaide St widening

Hi Salina,

Thks to all for the opportunity to input. See my attached form from you. I've lived near this corner for 9 years and the speed of <u>school buses</u> and construction vehicles of all size and range use Sunningdale as a raceway and very often speeds exceed 90KPH in this 60 zone. It became even worse when the street light was installed at Adelaide corner as folks raced from the east light at the high school down to the Adelaide light before it went red! <u>A traffic circle would absolutely put a stop to this</u> as there would no longer be a light to race to! Also speeds around these circles are bout 20-30 KPH or crash! Undoubtedly construction vehicles would move up to Medway north of Sunningdale and that would be a good thing to?

Nice to have a say,

Fax: 905-681-4995

ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Please indicate the appropriate response. You are: A Study Area Resident From a Study Area Business An Interest Group Representative (please specify below)		Other (please specify)
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Salina Chan, Environmental Assessment Planner Mailing Address: 1069 Wellington Road South, Suite 214 Email: Salina.Chan@parsons.com		

ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

Please indicate the appropriate response. You are: A Study Area Resident From a Study Area Business An Interest Group Representative (please specify below)	Other (please specify)
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I would like to be kept informed of the project.

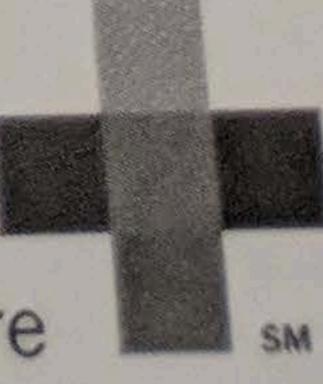
Please remove me from the project mailing list.

Please return this form to the contact below using any of the methods listed:

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com





ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

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Municipal Class Environmental Assessment Study

Please indicate the appropriate response. You are:	
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Please indicate the appropriate response:

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Email: Salina.Chan@parsons.com

Please indicate the appropriate response. You are:

ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

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Email: Salina.Chan@parsons.com

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Municipal Class Environmental Assessment Study

Please indicate the appropriate response. You are: A Study Area Resident From a Study Area Business An Interest Group Representative (please specify below)	Other (please specify)
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comments: great idea, much needed	Blackwater Rd + Adelaide St.
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Please indicate the appropriate response:

- I would like to be kept informed of the project.
- Delease remove me from the project mailing list.

Please return this form to the contact below using any of the methods listed:

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com

FAFESCHUS

ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

Please	e indicate the appropriate response. You are:		
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Salina Mailing Email:	Chan, Environmental Assessment Planner g Address: 1069 Wellington Road South, Suite Salina.Chan@parsons.com 05-681-4995		
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ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

Please indica	te the	appropriate response	e. You are:
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💢 A Study Area Resident

- From a Study Area Business
- □ An Interest Group Representative (please specify below)

□ Other (please specify)

Name:

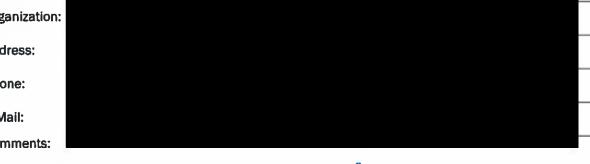
Organization:

Address:

Phone:

E-Mail:

Comments:



- 1. Do not destroy any parts of the protected marshes East of West of Adelaide.
- 2. Do not raise my property taxes. This is the cities fault for not widening the road when you expanded to the north decades ago.

Please indicate the appropriate response:

- I would like to be kept informed of the project.
- Please remove me from the project mailing list.

Please return this form to the contact below using any of the methods listed:

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com



From: Chan, Salina
To:

Cc: mdavenport@london.ca; Huotari, Henry; "Giesen, Andrew"; Doucette, Tisha

Subject: RE: Adelaide Street North widening

Date: Tuesday, December 18, 2018 5:49:00 PM

Hi

Thank you for your interest in this study and we want to let you know that we have received and noted your comments.

As part of our study, an Environmental Impact Study (EIS) is in the process of being completed. The EIS will look at baseline conditions, impacts assessment and appropriate mitigation measures.

Part of the study process includes incorporating a Complete Streets design, which involves selecting a layout that is appropriate for all road users (vehicles, transit, pedestrians, cyclists, etc.). However, it is still early in our study, and we are not able to provide any specifics at this time. As the study progresses, we will be able to provide more information. We encourage you to attend subsequent public information centres for further information.

Thank you,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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From:

Sent: Wednesday, August 15, 2018 8:27 AM

To: mdavenport@london.ca; Huotari, Henry <Henry.Huotari@parsons.com>; Chan, Salina

<Salina.Chan@parsons.com>

Subject: Adelaide Street North widening

Hello Salina, Matthew and Henry,

Adelaide, but please do not disturb the marsh on the East and West sides of Adelaide.

I hope your intentions are to use up the excessive grass space along Adelaide so you don't have to touch any of the marshes. Please keep those protected. Destroying any parts of the marshes has a serious environmental impact on wild birds, as well as mental health for humans who need those natural areas to escape the city. Everyone is talking about mental health these days. Nature helps people find balance and calmness in this incredibly loud world we live in.

One final thought:

Why is London not putting all it's focus into better and faster public transit? London is still a car city

and it's only going to get worse, no matter how many lanes you put in. I do my part by taking the bus or riding my bike downtown to work

Many of the healthiest cities in the world are built around walking, biking and public transport. Cities that are built for cars are very dirty places filled with people who don't meet the bare minimum for daily recommended amounts of exercise.

Thank you

From: Davenport, Matthew
To: Chan, Salina
Cc: Doucette, Tisha

Subject: FW: Adelaide Street North Municipal Class Environment Assessment Study

Date: Tuesday, August 28, 2018 9:59:02 AM

Attachments: <u>image001.png</u>

300 Dufferin Ave, P.O. Box 5035, London ON N6A 4L9 P: 519.661.CITY (2489) x5232 | Fax: 519.661.4734 mdavenport@london.ca | www.london.ca[london.ca]

From:

Sent: Friday, August 24, 2018 7:38 AM

To: Davenport, Matthew <mdavenport@london.ca>; henry.huotari@parsons.com **Subject:** Adelaide Street North Municipal Class Environment Assessment Study

Please add me to the distribution list for any updates on this assessment.

From: <u>Davenport, Matthew</u>

To:
Cc: Huotari, Henry; Doucette, Tisha; Chan, Salina; Giesen, Andrew

Subject: RE: Adelaide Transportation EA

Date: Wednesday, August 22, 2018 9:29:38 AM

Attachments: <u>image001.png</u>



The intersections of Adelaide/ Sunningdale and Adelaide/Fanshawe are within the scope of this EA. The scope will also include the east leg of the Sunningdale/Adelaide intersection up to the entrance of the Stoney Creek Community Centre.

Regards,



Matt Davenport, EIT
Engineer in Training
Transportation Planning & Design
City of London

300 Dufferin Ave, P.O. Box 5035, London ON N6A 4L9 P: 519.661.CITY (2489) x5232 | Fax: 519.661.4734 mdavenport@london.ca | www.london.ca[london.ca]

From:

Sent: Monday, August 20, 2018 3:10 PM

To: Davenport, Matthew <mdavenport@london.ca>; henry.huotari@parsons.com

Cc:

Subject: Adelaide Transportation EA

Hi.

We received a notice of EA Commencement

Please confirm if the intersections at Fanshawe and Sunningdale are within the scope of the EA.

the east leg of the intersection to the Community Centre entrance included in the EA work?

Thanks,



ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

Please indicate the appropriate response. You are: A Study Area Resident From a Study Area Business An Interest Group Representative (please specify below)	Other (please specify)
Name:	
Organization:	
Address:	
Phone:	
E-Mail: Comments:	
· Advance Groon Light MEEDED Q	Adolaide + Grantall Dr
Please indicate the appropriate response:	
I would like to be kept informed of the project	
Please remove me from the project mailing li Please return this form to the contact below using a	
Please return this form to the contact below using a	ny or the methods hated.

Salina Chan, Environmental Assessment Planner

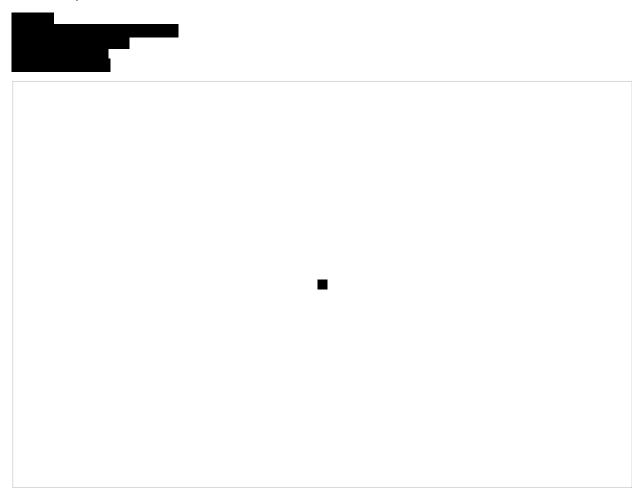
Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com

From: To: Subject: Date: Attachme Cnan, Salina
Adelaide Street North EA - mailing list
Monday, August 13, 2018 7:52:43 PM
Adelaide Street North EA (2018-08-13).JPG
Adelaide Street North Final NOSC (2018-08-08).pdf

Salina,

I am responding to a notice received today in the mail from The City of London about the Adelaide Street North Municipal Class Environmental Assessment Study (Parsons). There is a link to a web page "to be added to the mailing list" which leads to a page (see attached) which has no link to said list sign up. Therefore I am sending you my info in this email. Please sign me up for future notices and/or emails. Thank you.



From:

To:

Chan, Salina

Subject: Expansion Adelaide North

Date: Tuesday, August 14, 2018 1:24:28 PM

I am emailing you in response to a letter I got re: Adelaide North expansion project.

I would like to know what will happen to the fence facing Adelaide behind my unit? This is a residential area and I am not in favour of this expansion. Maybe widen Highbury or Richmond or make a new road where the walkway is between Fanshawe Park Rd. and Sunningdale Rd. Plus I don't think it is conducive to Seniors living at Chartwell complex. I think it would be a health concern for all residents in this area. Maybe Sunningdale could be expanded, less residents in this area. This is a nice residential area, as such, let's not

make it worse. Hoping to hear back from you. Sincerely,

From:

To: <u>Huotari, Henry</u>; <u>mdavenport@london.ca</u>; <u>Chan, Salina</u>

Subject: Adelaide Street North MCEAS

Date: Tuesday, September 11, 2018 2:08:12 PM

I received the letter and response form for the Adelaide Street North MCEAS and my comment it would be: proceed with this widening as soon as possible. The volume of traffic on Adelaide Street North continues to increase and that loss of a lane between Fanshawe and Philbrook/Grenfell Dr has become a bottleneck. There is a small but insignificant wetland/swamp between Philbrook/Grenfell and Blackwater (where it crosses Adelaide) area that can easily be filled in to get this project moving.

Also, please widen Sunningdale from Adelaide to Richmond, at minimum, as soon as possible as well.

I would like to be kept informed of the project.





August 20, 2018

Henry Huotari, Project Manager Parsons Inc. 1069 Wellington Road South, Suite 214 London, ON N6E 2H6 Sent via email to: henry.huotari@parsons.com

Dear Mr. Huotari:

Re: Widening of Adelaide Street North Municipal Class Environmental Assessment Study

We have received your request for comments regarding the City of London's Smart Moves Transportation Master Plan (TMP) recommendation to widen Adelaide Street North from Fanshawe Park Road East to Sunningdale Road East.

Our home is on backing directly onto Adelaide Street North. We completely agree that widening the proposed section of Adelaide Street North is both desirable and necessary given the volume of traffic that uses this road. However, we are concerned about the level of noise that this expansion will generate for homes in the area. Many of the homes backing onto this section of Adelaide, including our own, have bedrooms at the back of the house and they already hear a great deal of traffic and pedestrian noise throughout the day and overnight. We understood and accepted this level of noise when we bought our home. However, widening Adelaide Street North to accommodate (and encourage) growing traffic along this corridor will make this level of noise increase substantially. We are therefore requesting that the City incorporate effective sound barriers within its project budget. In our view, this should be considered a necessary component of the design; it would serve to recognize and demonstrate appreciation for the impact that this project will have on the residences along this route.

Thank you for requesting comments from key stakeholders regarding this project and for considering our input. If you have any questions, please do not hesitate to contact either of us at



From: <u>Huotari, Henry</u>

To: <u>Chan, Salina; Doucette, Tisha; Hussain, Altaf</u>
Subject: FW: Adelaide St. N. Environmental assessment.
Date: Tuesday, September 4, 2018 9:39:15 AM

From:

Sent: Thursday, August 30, 2018 4:42 PM

To: Huotari, Henry <Henry.Huotari@parsons.com>; mdavenport <mdavenport@london.ca>

Cc:

Subject: Adelaide St. N. Environmental assessment.

2018

Gentlemen,

Please be advised that the above parcels of land have been draft plan approved by the City of London, and detailed engineering has commenced. The following are our comments concerning the future completion of Sunningdale Rd. E. and Adelaide St N. road designs:

Sunningdale Road-Blackwater intersection. Currently there are no plans to signalize that intersection. Due to limited sight lines and future increase in traffic in all directions we submit that a signalized intersection at this point will be necessary. Please take into consideration that in addition to the medium density residential component, there will be a significant main street commercial development N. of the intersection.

Adelaide St. N, future intersection will serve as the main entrance to the

This will become a signalized interesection and also serve as a crossing for the North London trail system. I understand there is no plan to study Adelaide Street North of the future round about at Adelaide and Sunningdale. We submit that it would be appropriate at this time to include this stretch of Adelaide between the two intersections. There will be significant increase in traffic volume from the two future developments, and Adelaide Street N. is considered a gateway into the City. The current speed limit of 80 km / hr should be reduced to 60 km / hr at the time of development of those two parcels.

I appreciate your consideration and look forward to an early response to our Comments.



NOTICE: This email message and all attachments transmitted with it may contain privileged and confidential information, and information that is protected by, and proprietary to, Parsons Corporation, and is intended solely for the use of the addressee for the specific purpose set forth in this communication. If the reader of this message is not the intended recipient, you are hereby notified that any reading, dissemination, distribution, copying, or other use of this message or its attachments is strictly prohibited, and you should delete this message and all copies and backups thereof. The recipient may not further distribute or use any of the information contained herein without the express written authorization of the sender. If you have received this message in error, or if you have any questions regarding the use of the proprietary information contained therein, please contact the sender of this message immediately, and the sender will provide you with further instructions.

From:
To: Chan, Salina

Subject:M.C.Environmental Assessment StudyDate:Monday, September 3, 2018 12:07:23 PM

Yes, I would like info on this subject. Thank you..



Notice of Study Commencement
Indigenous Community Correspondence





August 10, 2018

Chief Chris Plain Aamjiwnaang First Nation 978 Tashmoo Avenue Sarnia ON N7T 7H5

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Study Commencement Letter

Dear Chief Chris Plain,

The City of London, with its consultant Parsons Inc., is initiating a Schedule 'C' Municipal Class EA Study for the widening of Adelaide Street North between Fanshawe Park Road East and Sunningdale Road East. These improvements were identified in the City's Smart Moves Transportation Master Plan (TMP) completed in 2013. The TMP recommends that Adelaide Street North be widened from two lanes to four lanes to accommodate projected increases in traffic volumes resulting in the road operating over capacity by 2030. This Class EA Study will confirm the findings and recommendations of the TMP and evaluate various alternative solutions and design concepts to address the capacity deficiency.

An integral part of the EA process is to consult and engage with Indigenous communities. Please see attached Notice of Study Commencement that has been posted in local papers and sent out to key technical agencies, stakeholders, and adjacent property owners. We encourage your participation in this study and kindly request any comments or concerns you and your community may have regarding this study.

You will continue to be informed of future consultation events, but if you wish to be removed from the project contact list, please let us know.

Thank you for taking the time to review the study. We look forward to hearing back from and if you have additional questions, please contact either of the team members listed on the Notice of Study Commencement.

Sincerely,

Matthew Davenport, EIT

City of London Project Manager

encl. Notice of Study Commencement



August 10, 2018

Chief Mary Frances Duckworth Caldwell First Nation 14 Orange Street Leamington ON N8H 1P5

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Study Commencement Letter

Dear Chief Mary Frances Duckworth,

The City of London, with its consultant Parsons Inc., is initiating a Schedule 'C' Municipal Class EA Study for the widening of Adelaide Street North between Fanshawe Park Road East and Sunningdale Road East. These improvements were identified in the City's Smart Moves Transportation Master Plan (TMP) completed in 2013. The TMP recommends that Adelaide Street North be widened from two lanes to four lanes to accommodate projected increases in traffic volumes resulting in the road operating over capacity by 2030. This Class EA Study will confirm the findings and recommendations of the TMP and evaluate various alternative solutions and design concepts to address the capacity deficiency.

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Sincerely,

Matthew Davenport, EIT

City of London Project Manager

encl. Notice of Study Commencement



August 10, 2018

Chief Thomas Bressette
Chippewas of Kettle & Stony Point First Nation
6247 Indian Lane
Lambton Shores ON N0N 1J2

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Study Commencement Letter

Dear Chief Thomas Bressette,

The City of London, with its consultant Parsons Inc., is initiating a Schedule 'C' Municipal Class EA Study for the widening of Adelaide Street North between Fanshawe Park Road East and Sunningdale Road East. These improvements were identified in the City's Smart Moves Transportation Master Plan (TMP) completed in 2013. The TMP recommends that Adelaide Street North be widened from two lanes to four lanes to accommodate projected increases in traffic volumes resulting in the road operating over capacity by 2030. This Class EA Study will confirm the findings and recommendations of the TMP and evaluate various alternative solutions and design concepts to address the capacity deficiency.

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Sincerely,

Matthew Davenport, EIT

City of London Project Manager

encl. Notice of Study Commencement



August 10, 2018

Chief Henry Myeengun Chippewas of the Thames First Nation 320 Chippewa Road, RR#1 Muncey ON N0L 1Y0

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Study Commencement Letter

Dear Chief Henry Myeengun,

The City of London, with its consultant Parsons Inc., is initiating a Schedule 'C' Municipal Class EA Study for the widening of Adelaide Street North between Fanshawe Park Road East and Sunningdale Road East. These improvements were identified in the City's Smart Moves Transportation Master Plan (TMP) completed in 2013. The TMP recommends that Adelaide Street North be widened from two lanes to four lanes to accommodate projected increases in traffic volumes resulting in the road operating over capacity by 2030. This Class EA Study will confirm the findings and recommendations of the TMP and evaluate various alternative solutions and design concepts to address the capacity deficiency.

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Sincerely,

Matthew Davenport, EIT

City of London Project Manager

encl. Notice of Study Commencement



August 10, 2018

Chief Denise Stonefish
Delaware Nation - Moravian of the Thames
14760 School House Line, RR#3
Thamesville ON N0P 2K0

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Study Commencement Letter

Dear Chief Denise Stonefish,

The City of London, with its consultant Parsons Inc., is initiating a Schedule 'C' Municipal Class EA Study for the widening of Adelaide Street North between Fanshawe Park Road East and Sunningdale Road East. These improvements were identified in the City's Smart Moves Transportation Master Plan (TMP) completed in 2013. The TMP recommends that Adelaide Street North be widened from two lanes to four lanes to accommodate projected increases in traffic volumes resulting in the road operating over capacity by 2030. This Class EA Study will confirm the findings and recommendations of the TMP and evaluate various alternative solutions and design concepts to address the capacity deficiency.

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Sincerely,

Matthew Davenport, EIT

City of London Project Manager

encl. Notice of Study Commencement



August 10, 2018

Chief Roger Thomas Munsee - Delaware Nation 289 Jubilee Road Muncey ON N0L 1Y0

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Study Commencement Letter

Dear Chief Roger Thomas,

The City of London, with its consultant Parsons Inc., is initiating a Schedule 'C' Municipal Class EA Study for the widening of Adelaide Street North between Fanshawe Park Road East and Sunningdale Road East. These improvements were identified in the City's Smart Moves Transportation Master Plan (TMP) completed in 2013. The TMP recommends that Adelaide Street North be widened from two lanes to four lanes to accommodate projected increases in traffic volumes resulting in the road operating over capacity by 2030. This Class EA Study will confirm the findings and recommendations of the TMP and evaluate various alternative solutions and design concepts to address the capacity deficiency.

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Sincerely,

Matthew Davenport, EIT

City of London Project Manager

encl. Notice of Study Commencement



August 10, 2018

Chief Jessica Hill Oneida Nation of the Thames 2212 Elm Avenue Southwold ON NOL 2G0

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Study Commencement Letter

Dear Chief Jessica Hill,

The City of London, with its consultant Parsons Inc., is initiating a Schedule 'C' Municipal Class EA Study for the widening of Adelaide Street North between Fanshawe Park Road East and Sunningdale Road East. These improvements were identified in the City's Smart Moves Transportation Master Plan (TMP) completed in 2013. The TMP recommends that Adelaide Street North be widened from two lanes to four lanes to accommodate projected increases in traffic volumes resulting in the road operating over capacity by 2030. This Class EA Study will confirm the findings and recommendations of the TMP and evaluate various alternative solutions and design concepts to address the capacity deficiency.

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Sincerely,

Matthew Davenport, EIT

City of London Project Manager

encl. Notice of Study Commencement



August 10, 2018

Chief Daniel Miskokomon Walpole Island First Nation 117 Tahgohoning, R.R. 3 Walpole Island ON N8A 4K9

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Study Commencement Letter

Dear Chief Daniel Miskokomon,

The City of London, with its consultant Parsons Inc., is initiating a Schedule 'C' Municipal Class EA Study for the widening of Adelaide Street North between Fanshawe Park Road East and Sunningdale Road East. These improvements were identified in the City's Smart Moves Transportation Master Plan (TMP) completed in 2013. The TMP recommends that Adelaide Street North be widened from two lanes to four lanes to accommodate projected increases in traffic volumes resulting in the road operating over capacity by 2030. This Class EA Study will confirm the findings and recommendations of the TMP and evaluate various alternative solutions and design concepts to address the capacity deficiency.

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Sincerely,

Matthew Davenport, EIT

City of London Project Manager

encl. Notice of Study Commencement



August 10, 2018

Margaret Frosh Métis Nation of Ontario 311-75 Sherbourne Street Toronto ON M5A 2P9

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Study Commencement Letter

Dear Ms. Frosh,

The City of London, with its consultant Parsons Inc., is initiating a Schedule 'C' Municipal Class EA Study for the widening of Adelaide Street North between Fanshawe Park Road East and Sunningdale Road East. These improvements were identified in the City's Smart Moves Transportation Master Plan (TMP) completed in 2013. The TMP recommends that Adelaide Street North be widened from two lanes to four lanes to accommodate projected increases in traffic volumes resulting in the road operating over capacity by 2030. This Class EA Study will confirm the findings and recommendations of the TMP and evaluate various alternative solutions and design concepts to address the capacity deficiency.

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Sincerely,

Matthew Davenport, EIT

City of London Project Manager

encl. Notice of Study Commencement



August 10, 2018

Ms. Rhonda Gagnon Anishinabek Nation - Union of Ontario Indians 1 Migizii Miikan, PO Box 711 North Bay ON P1B 8J8

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Study Commencement Letter

Dear Ms. Gagnon,

The City of London, with its consultant Parsons Inc., is initiating a Schedule 'C' Municipal Class EA Study for the widening of Adelaide Street North between Fanshawe Park Road East and Sunningdale Road East. These improvements were identified in the City's Smart Moves Transportation Master Plan (TMP) completed in 2013. The TMP recommends that Adelaide Street North be widened from two lanes to four lanes to accommodate projected increases in traffic volumes resulting in the road operating over capacity by 2030. This Class EA Study will confirm the findings and recommendations of the TMP and evaluate various alternative solutions and design concepts to address the capacity deficiency.

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Sincerely,

Matthew Davenport, EIT

City of London Project Manager

encl. Notice of Study Commencement



August 10, 2018

Mr. Geoff Stonefish Association of Iroquois and Allied Indians 387 Princess Avenue London ON N6B 2A7

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Study Commencement Letter

Dear Mr. Stonefish,

The City of London, with its consultant Parsons Inc., is initiating a Schedule 'C' Municipal Class EA Study for the widening of Adelaide Street North between Fanshawe Park Road East and Sunningdale Road East. These improvements were identified in the City's Smart Moves Transportation Master Plan (TMP) completed in 2013. The TMP recommends that Adelaide Street North be widened from two lanes to four lanes to accommodate projected increases in traffic volumes resulting in the road operating over capacity by 2030. This Class EA Study will confirm the findings and recommendations of the TMP and evaluate various alternative solutions and design concepts to address the capacity deficiency.

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Sincerely,

Matthew Davenport, EIT

City of London Project Manager

encl. Notice of Study Commencement



August 10, 2018

Southern First Nations Secretariat London District Chiefs Council 22361 Austin Line Bothwell ON N0P 1CO

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Study Commencement Letter

The City of London, with its consultant Parsons Inc., is initiating a Schedule 'C' Municipal Class EA Study for the widening of Adelaide Street North between Fanshawe Park Road East and Sunningdale Road East. These improvements were identified in the City's Smart Moves Transportation Master Plan (TMP) completed in 2013. The TMP recommends that Adelaide Street North be widened from two lanes to four lanes to accommodate projected increases in traffic volumes resulting in the road operating over capacity by 2030. This Class EA Study will confirm the findings and recommendations of the TMP and evaluate various alternative solutions and design concepts to address the capacity deficiency.

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Sincerely,

Matthew Davenport, EIT

City of London Project Manager

encl. Notice of Study Commencement



CHIPPEWAS OF THE THAMES FIRST NATION

November 6, 2018

Matthew Davenport Project Manager City of London 300 Dufferin Avenue 8th Floor P.O. Box 5035 London, ON N6A 4L9



RE: Adelaide Street North MCEA

Dear Mr. Davenport,

We have received information concerning the above-mentioned project, dated October 31, 2018. The proposed work will be conducted within the London Township Treaty (1796) area to which Chippewas of the Thames First Nation (COTTFN_ is a signatory. The proposed work is also located within the Big Bear Creek Additions to Reserve (ATR) land selection area, as well as COTTFN Traditional Territory.

We presently do not have enough information to determine if there are any impacts associated with your project. However, upon completion of any studies associated to this project, please forward/mail an electronic copy to our office or via consultation@cottfn.com. As well, if there is an Archaeology Assessment conducted, we require notification and the opportunity to actively participate by sending First Nation monitors on behalf of this First Nation.

We look forward to continuing this open line of communication. To implement meaningful consultation, COTTFN has developed its own protocols — a document and a process that will guide positive working relationships. We would be happy to meet with you to review COTTFN's Consultation Protocols.

Please do not hesitate to contact me if you need further clarification of this letter.

Sincerely,

Fallon Burch

Consultation Coordinator Chippewas of the Thames First Nation (519) 289-5555 Ext. 251

consultation@cottfn.com

c: Henry Huotari, Project Manager Parsons Inc.

Notice of Study Commencement

Agency Correspondence



From: <u>Davenport, Matthew</u>

To: "maa.ea.review@ontario.ca"; "karla.barboza@ontario.ca"; "drew.crinklaw@ontario.ca";

"karina.cerniavskaja@ontario.ca"

Cc: Elmadhoon, Maged; Huotari, Henry; Doucette, Tisha; Giesen, Andrew; Chan, Salina

Subject: NOTICE OF STUDY COMMENCEMENT – ADELAIDE STREET NORTH WIDENING ENVIRONMENTAL ASSESSMENT –

FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST

Date: Wednesday, August 15, 2018 11:43:47 AM

Attachments: image001.png

NOSC - Adelaide Street North EA.PDF Comment Form - Agency.pdf

NOTICE OF STUDY COMMENCEMENT

ADELAIDE STREET NORTH WIDENING – FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT

Please find attached the Notice of Study Commencement for the Municipal Class Environmental Assessment (EA) Study for Adelaide Street North from Fanshawe Park Road East to Sunningdale Road East, and the agency comment form.

The City of London has retained Parsons to undertake a Schedule 'C' Municipal Class EA to assess and confirm the need/justification for widening, and to identify and evaluate a range of alternative solutions for the necessary requirements along this section of Adelaide Street North. Please see the attached notice for specific details about the scope of works. Project information is also available on the City's website:

http://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx[london.ca]



Matt Davenport, EIT
Engineer in Training
Transportation Planning & Design
City of London

300 Dufferin Ave, P.O. Box 5035, London ON N6A 4L9 P: 519.661.CITY (2489) x5232 | Fax: 519.661.4734 mdavenport@london.ca | www.london.ca[london.ca]

Ministry of Tourism, Culture and Sport

Heritage Program Unit Programs and Services Branch 401 Bay Street, Suite 1700 Toronto ON M7A 0A7 Tel: 416 314 3108

Ministère du Tourisme, de la Culture et du Sport

Unité des programmes patrimoine Direction des programmes et des services 401, rue Bay, Bureau 1700 Toronto ON M7A 0A7 Tél: 416 314 3108



September 13, 2018

EMAIL ONLY

Henry Huotari, Project Manager Parsons Inc. 1069 Wellington Road South, Suite 214 London, ON N6E 2H6

E: henry.huotari@parsons.com

MTCS File # : 0009504

Proponent : City of London

Subject : Notice of Commencement

Project : Adelaide Street North Municipal Class Environmental Assessment

Location : Adelaide Street North, City of London

Dear Mr. Huotari:

Thank you for providing the Ministry of Tourism, Culture and Sport (MTCS) with the Notice of Commencement for the above-referenced project. MTCS's interest in this Environmental Assessment (EA) project relates to its mandate of conserving Ontario's cultural heritage, which includes:

- Archaeological resources, including land and marine;
- Built heritage resources, including bridges and monuments; and,
- Cultural heritage landscapes.

Under the EA process, the proponent is required to determine a project's potential impact on cultural heritage resources. The recommendations below are for a Schedule C Municipal Class EA project, as described in the notice of study commencement. If any municipal bridges may be impacted by this project, we can provide additional screening documentation as formulated by the Municipal Engineers Association in consultation with MTCS.

Project Summary

The project location includes Adelaide Street North from Fanshawe Park Road East to Sunningdale Road East, as well as Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance. This EA will Identify and evaluate a range of alternative solutions to accommodate growing traffic volumes along this corridor, including intersection improvements particularly at Sunningdale Road; active transportation; and, transit improvements.

Identifying Cultural Heritage Resources

While some cultural heritage resources may have already been formally identified, others may be identified through screening and evaluation. Indigenous communities may have knowledge that can contribute to the identification of cultural heritage resources, and we suggest that any engagement with Indigenous communities includes a discussion about known or potential cultural heritage resources that are of value to these communities. Municipal Heritage Committees, historical societies and other local heritage organizations may also have knowledge that contributes to the identification of cultural heritage resources.

Archaeological Resources

This EA project may impact archaeological resources and should be screened using the MTCS <u>Criteria for Evaluating Archaeological Potential</u> to determine if an archaeological assessment is needed. MTCS archaeological sites data are available at <u>archaeology@ontario.ca</u>. If the EA project area exhibits archaeological potential, then an archaeological assessment (AA) should be undertaken by an

archaeologist licenced under the *Ontario Heritage Act (OHA)*, who is responsible for submitting the report directly to MTCS for review.

Built Heritage and Cultural Heritage Landscapes

The MTCS <u>Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes</u> should be completed to help determine whether this EA project may impact cultural heritage resources. The Clerk for the City of London can provide information on property registered or designated under the *OHA*. Municipal Heritage Planners can also provide information that will assist in completing the checklist.

If potential or known heritage resources exist, MTCS recommends that a Heritage Impact Assessment (HIA), prepared by a qualified consultant, should be completed to assess potential project impacts. Our Ministry's *Info Sheet #5: Heritage Impact Assessments and Conservation Plans* outlines the scope of HIAs. Please send the HIA to MTCS for review, and make it available to local organizations or individuals who have expressed interest in review.

Environmental Assessment Reporting

All technical cultural heritage studies and their recommendations are to be addressed and incorporated into EA projects. Please advise MTCS whether any technical heritage studies will be completed for this EA project, and provide them to MTCS before issuing a Notice of Completion. If screening has identified no known or potential cultural heritage resources, or no impacts to these resources, please include the completed checklists and supporting documentation in the EA report or file.

Thank you for consulting MTCS on this project and please continue to do so throughout the EA process. If you have any questions or require clarification, do not hesitate to contact me.

Sincerely,

Laura Hatcher Heritage Planner laura.e.hatcher@ontario.ca

Copied to: Matthew Davenport, Project Manager, City of London

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. MTCS makes no representation or warranty as to the completeness, accuracy or quality of the any checklists, reports or supporting documentation submitted as part of the EA process, and in no way shall MTCS be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

Please notify MTCS if archaeological resources are impacted by EA project work. All activities impacting archaeological resources must cease immediately, and a licensed archaeologist is required to carry out an archaeological assessment in accordance with the *Ontario Heritage Act* and the *Standards and Guidelines for Consultant Archaeologists*.

If human remains are encountered, all activities must cease immediately and the local police as well as the Registrar, Burials of the Ministry of Government and Consumer Services (416-326-8800) must be contacted. In situations where human remains are associated with archaeological resources, MTCS should also be notified to ensure that the site is not subject to unlicensed alterations which would be a contravention of the *Ontario Heritage Act*.

Ministry of the Environment, Conservation and Parks

Ministère de l'Environnement et de la nature et des Parcs

Ontario

733 Exeter Road London ON N6E 1L3 Tel': 519 873-5000 Fax: 519 873-5020 733, rue Exeter London ON N6E 1L3 Tél.: 519 873-5000 Fax: 519 873-5020

August 15th, 2018

City of London Transportation Planning and Design 300 Dufferin Avenue London, Ontario N6A 4L9

Attention: Mr. Matthew Davenport, Project Manager

Re: Notice of Commencement Adelaide Street North Municipal Class EA For Adelaide Street North Widening From Fanshawe Park Road East to Sunningdale Road East

Dear Mr. Davenport:

This letter acknowledges the Ministry of Environment, Conservation and Parks (MECP) receipt, with thanks, of the Notice of Commencement for the Adelaide Street North Municipal Class EA for Adelaide Street North Widening from Fanshawe Park Road East to Sunningdale Road East.

As you know, the City is undertaking this Schedule C Class EA Study for the Adelaide Street North widening according to the recommendations of the City's Smart Moves Transportation Master Plan. The EA will reportedly:

- Assess / confirm the need and justification for widening of Adelaide Street North
- Identify and evaluate a range of alternative solutions to accommodate growing traffic volumes along this corridor, including intersection improvements particularly at Sunningdale Road; active transportation; and, transit improvements
- Review and develop a design that will be consistent with the visions and policies of the 2030 Transportation Master Plan

Based on the information submitted, the MECP have identified the following key project details with respect to the proposed undertaking:

Aboriginal Consultation

The Crown has a legal duty to consult Aboriginal communities when it has knowledge, real or constructive, of the existence or potential existence of an Aboriginal or treaty right and contemplates conduct that may adversely impact that right. Before the City of London may proceed with this project, the Crown must ensure that its duty to consult has been fulfilled, where such a duty is triggered. Although the duty to consult with Aboriginal peoples is a duty of the Crown, the Crown may delegate procedural aspects of consultation to project proponents while retaining oversight of the process.

The City of London's proposed project may have the potential to affect Aboriginal or treaty rights protected under section 35 of Canada's *Constitution Act 1982*. Where the Crown's duty to consult is triggered in relation to the City's proposed project, the MECP is delegating the procedural aspects of rights-based consultation to the City of London through this letter. The Crown intends to rely on the delegated consultation process in discharging its duty to consult and maintains the right to participate in the consultation process as it sees fit.

Based on information you have provided to date and the Crown's preliminary assessment the City of London is required to consult with the following communities who have been identified as potentially affected by your proposed project.

Aamjiwnaang First Nation	Aamjiwnaang First Nation 978 Tashmoo Ave. Sarnia, ON N7T 7H5 519-336-8410 Chief Chris Plain chief@aamjiwnaang.ca Other Contacts: Sharilyn Johnston, Environment Coordinator sjohnston@aamjiwnaang.ca Christine James, Environment Worker cjames@aamjiwnaang.ca (same mailing address for all)
Bkejwanong Territory (Walpole Island First Nation)	Bkejwanong Territory 117 Tahgahoning Road R.R.#3 Wallaceburg, ON N8K 4K9 519-627-1481 Chief Dan Miskokomon drskoke@wifn.org Other Contacts: Dean Jacobs, Consultation Manager Walpole Island Heritage Centre 2185 River Road R.R.#3 Wallaceburg, ON N8K 4K9 519-627-1475 dean.jacobs@wifn.org and Janet Macbeth, Project Review Coordinator janet.macbeth@wifn.org
Chippewas of Kettle and Stony Point First Nation	Chippewas of Kettle and Stony Point First Nation 6247 Indian Lane, R.R.#2 Forest, ON N0N 1J1 519-786-2125 Chief Jason Henry jason.henry@kettlepoint.org Other Contact: Valerie George Consultation Officer valerie.george@kettlepoint.org
Chippewas of the Thames First Nation	Chippewas of the Thames First Nation 320 Chippewa Rd., Muncey, ON N0L 1Y0 519-289-5555 Chief Myeengun Henry myeengun@cottfn.com Other Contacts: Kelly Riley, Acting Director - Lands & Environment kriley@cottfn.com Rochelle Smith, Consultation Coordinator rsmith@cottfn.com Consultation email: consultation@cottfn.com
Caldwell First Nation	Caldwell First Nation 14 Orange St. Leamington, ON N8H 3W3 519-322-1766 or 1-800-206-7522 Chief Mary Duckworth chief.duckworth@caldwellfirstnation.ca Executive Administrator Nikki Orosz nikki.orosz@caldwellfirstnation.ca

Oneida Nation of the Thames ONYOTA'A:KA

Oneida Nation of the Thames 2212 Elm Ave. Southwold, ON NOL 2G0 519-652-3244 Chief Jessica Hill jessica.hill@oneida.on.ca Other Contact: Political Chief Assistant: Catherine Cornelius catherine.cornelius@oneida.on.ca

Steps that you may need to take in relation to Aboriginal consultation for your proposed project are outlined in the "Code of Practice for Consultation in Ontario's Environmental Assessment Process" which can be found at the following link:

https://www.ontario.ca/document/consultation-ontarios-environmental-assessment-process

Additional information related to Ontario's *Environmental Assessment Act* is available online at:

www.ontario.ca/environmentalassessments

You must contact the Director of Environmental Assessment and Permissions Branch (Director) under the following circumstances subsequent to initial discussions with the communities identified by MOECC:

- Aboriginal or treaty rights impacts are identified to you by the communities;

- You have reason to believe that your proposed project may adversely affect an Aboriginal or treaty right;

- Consultation has reached an impasse;

A Part II Order request or elevation request is expected.

The Director can be notified either by email, mail or fax using the information provided below:

Email:	MOECCpermissions@ontario.ca Subject: Potential Duty to Consult
Fax:	416-314-8452
Address:	Environmental Assessment and Permissions Branch 135 St. Clair Avenue West, 1 st Floor Toronto, ON, M4V 1P5

The MECP will then assess the extent of any Crown duty to consult for the circumstances and will consider whether additional steps should be taken, including what role the City of London will be asked to play should additional steps and activities be required.

Source Water Protection

As per the recent amendments to the Municipal Engineers Association (MEA) Class Environmental Assessment parent document approved October 2015, proponents undertaking a Municipal Class EA project must identify early in the process whether a project is occurring within a source water protection vulnerable area. This must be

clearly documented in an ESR. If the project is occurring in a vulnerable area, then there may be policies in the local Source Protection Plan (SPP) that need to be addressed (requirements under the Clean Water Act). The proponent should contact and consult with the appropriate Conservation Authority/Source Protection Authority (CA/SPA) to discuss potential considerations and policies in the SPP that apply to the project.

Please include a section in the report on Source Water Protection. Specifically, it should discuss whether or not the project is located in a vulnerable area or changes or creates new vulnerable areas, and provide applicable details about the area. If located in a vulnerable area, proponents should document whether any project activities are a prescribed drinking water threat and thus pose a risk to drinking water (this should be consulted on with the appropriate CA/SPA). Where an activity poses a risk to drinking water, the proponent must document and discuss in the Project File Report/ESR how the project adheres to or has regard to applicable policies in the local SPP. If creating or changing a vulnerable area, proponents should document whether any existing uses or activities may potentially be affected by the implementation of source protection policies. This section should then be used to inform and should be reflected in other sections of the report, such as the identification of net positive/ negative effects of alternatives, mitigation measures, evaluation of alternatives etc. As a note, even if the project activities in a vulnerable area are deemed not to be a drinking water risk, there may be other policies that apply and so consultation with the local CA/SPA is important.

Climate Change

The Municipality is strongly encouraged to include climate change in this EA. Climate change should be considered in the context of mitigation and the context of adaptation. The Ministry has recently released a guidance document to support proponents in including climate change in environmental assessments. The guide can be found online: https://www.ontario.ca/page/considering-climate-change-environmental-assessment-process. It should be noted that Climatic Features is identified in Appendix 2 of the Municipal Class EA page 2-7 (2015).

Part II Order Request Form

Please note that as of July 1, 2018, a <u>Part II Order Request Form</u> must be used to request a Part II Order as per O. Reg. 152/18. Accordingly, please include those details when conveying information regarding the Part II Order process such as on the Notice of Completion. The following sample text would cover this requirement in the Notice of Completion for this project:

"As of July 1, 2018, a <u>Part II Order Request Form</u> must be used to request a Part II Order in accordance with O. Reg. 152/18. The Part II Order Request Form is available online on the Forms Repository website (<u>http://www.forms.ssb.gov.on.ca/</u>) by searching "Part II Order" or "012-2206E" (the form ID number)."

Conclusion

Thank you for the opportunity to comment on this project. Please keep this office fully informed of the status of this project as it proceeds through the Class EA process. All future correspondence with respect to this project should be sent to my attention, as I am this ministry's one window contact for this project, Craig Newton, Regional

Environmental Planner / Regional EA Coordinator at (519) 873-5014 or by email at craig.newton@ontario.ca

A draft copy of the Environmental Study Report (ESR) should be sent to the appropriate MOECC regional office before the City of London issues its notice of completion of the final report. Allow a minimum of 30 days for MECP's technical reviewers to provide comments on the draft ESR.

When the ESR is finalized, please send the Notice of Completion and final documentation to me.

Should you or any members of your project team have any questions regarding the material above, please contact me directly.

Yours truly

Craig Newton

Regional Environmental Planner / Regional EA Coordinator

Ministry of Environment, Conservation and Parks

733 Exeter Road

London ON, N6E 1L3

519-873-5014

cc Mr. Rob Wrigley, District Manager, MECP London District

Evraire, Andrew

From: Mark Snowsell <SNOWSELLM@thamesriver.on.ca>

Sent: Tuesday, August 21, 2018 7:46 AM

To: Brent Verscheure; Christine Creighton; Doucette, Tisha **Subject:** Re: FW: Adelaide Street North EA - EIS Scoping Meeting

Follow Up Flag: Follow up Flag Status: Flagged

Good morning, Tisha.

We will not be able to attend today.

Other commitments have been made but we look forward to meeting with you and the Parsons team at some point soon.

Just a few things to note as continue your work:

- 1. There has been a watercourse alteration at the corner of Adelaide Street North and Sunningdale Road. DFO was involved at the time and it led to the creation of a new watercourse channel running eastbound, parallel to and just south of Sunningdale Road and eventually connecting with a Stoney Creek tributary to the southeast. That channel remains in place today. Can provide you with more detail if necessary.
- 2. The City has been working with Mr. Peter Sergautis on subdivision plans NW of the intersection of Adelaide Street and Sunningdale Road. Some planning decisions have been made here and I suspect Linda McDougall can assist you in gathering information on some of the planning decisions.
- 3. Also, immediately NW of this same intersection, a stormwater management facility has been designed for the City. Footprint and design details can be obtained through the City's SWM unit would suggest touching base with Paul Titus there. EIS work (including mapping of wetland features) done by NRSI in this area.
- 4. Much work has been done over the years on the Powell Drain which crosses Adelaide Street south of Sunningdale. Drainage issues continue here as obstructions to flow can be attributed to various possible causes, including beaver activity. The City's SWM unit has struggled with the SWM facility just north of Powell Drain (can't tell you the name or number of this facility ask Paul Titus for more info here as well). It has frequently overtopped. Understanding drainage/SWM in this area will prove beneficial to your work.
- 5. Finally, our water resource engineers hope to make the Stoney Creek subwatershed a focus of updated flood plain modelling/mapping. Field surveys will be done to facilitate the modelling work and I don't think there is clear timeline for completing this project may follow after much of your work has been done. I can connect you with the appropriate staff here to discuss further.

Hope the meeting goes well this afternoon.



Mark Snowsell
Land Use Regulations Officer
1424 Clarke Road, London, Ontario N5V 5B9
ph. 519-451-2800 ext 245
e-mail snowsellm@thamesriver.on.ca

>>> Doucette, Tisha 8/13/2018 2:00 PM >>>

Sorry about this last minute calendar invite. There was a miscommunication between Linda and myself.

We hope someone is able to attend, if not – we will reschedule.

Tisha

----Original Appointment-----

From: Doucette, Tisha

Sent: Monday, August 13, 2018 2:00 PM

To: Doucette, Tisha; Giesen, Andrew; Davenport, Matthew; Scott, Julie; McDougall, Linda; Huotari, Henry

Subject: Adelaide Street North EA - EIS Scoping Meeting

When: Tuesday, August 21, 2018 2:00 PM-4:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: City Hall 8th Floor Boardroom

Hello all:

This meeting is to review the Issues Summary Checklist and confirm the natural heritage work plan that will support the preparation of an Environmental Impact Study that will be completed as part of the Adelaide Street North widening EA.

Attached, please find a completed Issues Summary Checklist for discussion and a study area map.

We will bring copies of Map 5 zoomed in on our study area to the meeting.

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From: <u>Doucette, Tisha</u>

To: <u>Mark Snowsell</u>; <u>Huotari</u>, <u>Henry</u>

Cc: Brent Verscheure; Christine Creighton; Davenport, Matthew; Giesen, Andrew; McDougall, Linda; Chan, Salina

Subject: RE: Notice of Study Commencement - Adelaide Street North Widening Class EA

Date: Tuesday, August 14, 2018 9:39:00 AM

Attachments: <u>image001.jpg</u>

Hi Mark,

Hope all is well with you and you are enjoying the summer.

We have just set an EIS Scoping meeting with the City, planned for August 21st from 2:00-4:00 p.m. at City Hall. I believe Linda will be forwarding you and your team the invite.

If UTRCA is not able to attend or if we need additional time to discuss, we can arrange for another meeting to talk about the potential design alternatives.

Kind regards,

Tisha

From: Mark Snowsell <snowsellm@thamesriver.on.ca>

Sent: Tuesday, August 14, 2018 7:19 AM

To: Huotari, Henry < Henry. Huotari@parsons.com>; Doucette, Tisha < Tisha. Doucette@parsons.com>

Cc: Brent Verscheure <VerscheureB@thamesriver.on.ca>; Christine Creighton

<CreightonC@thamesriver.on.ca>

Subject: Notice of Study Commencement - Adelaide Street North Widening Class EA

Good morning, Henry and Tisha.

We have just received the Notice of Study Commencement for the Adelaide Street North Widening (Fanshawe Park Road East to Sunningdale Road East) Municipal Class EA.

As the work by Parsons gets underway, it might be prudent to arrange a meeting with the UTRCA to discuss elements of the project and possible design alternatives relating primarily to the Powell Drain crossing and any proposed works in the vicinity of the Sunningdale/Adelaide intersection.

Thanks very much. We look forward to hearing from you.



Mark Snowsell Land Use Regulations Officer 1424 Clarke Road, London, Ontario N5V 5B9 ph. 519-451-2800 ext 245 e-mail snowsellm@thamesriver.on.ca

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Evraire, Andrew

From: Cari Ramsey <ramseyc@thamesriver.on.ca>
Sent: Wednesday, September 19, 2018 11:37 AM

To: Chan, Salina

Subject: Re: Adelaide St North Class EA - Data Request

Attachments: Adelaide EA - MNHS.pdf; Adelaide EA - mapping.pdf; Adelaide - fish.pdf; Adelaide - benthic.pdf

Hi Salina;

Attached is the mapping, benthic records and fish records for the subject property. Additional information is as follows:

If you need any additional information please let me know.

Thanks!

Cari

Cari Ramsey

Environmental Regulations Technician/ Health and Safety Specialist

UTRCA

1424 Clarke Side Road

London, ON

N5V 5B9

(519)451-2800 ext. 289

ramseyc@thamesriver.on.ca

>>> "Chan, Salina" <Salina.Chan@parsons.com> 05/09/2018 4:09 PM >>> Hi Mr. Snowsell,

Please see attached letter listing out the data request for the Adelaide Street North Municipal Class EA study that you have received a Notice of Commencement for (also attached for your convenience).

Thank you,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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^{*}we have no mussels records for the subject property

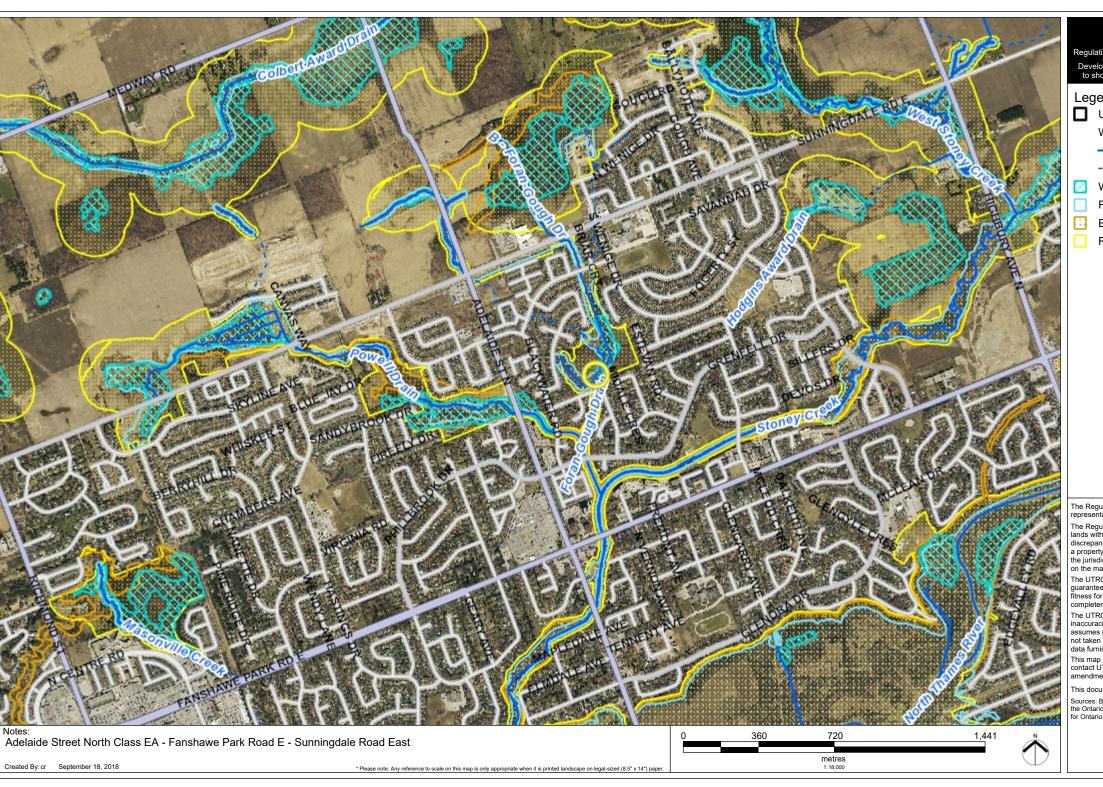
^{*} ESA species are present within the subject area, therefore you should contact MNRF for further information

^{*}drains are warmwater, with the section draining into Stoney Creek becoming a class E due to potential top level predators.

^{*} in water timing window would be no work between March 15 - July 15 for Powell Drain where it crosses Adelaide.

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Regulation Limit

Regulation under s.28 of the Conservation Authorities Act

Development, interference with wetlands, and alterations to shorelines and watercourses. O.Reg 157/06, 97/04.

Legend

UTRCA Watershed (1:10K)

Watercourse

Open

- Tiled

Wetland Hazard

Flooding Hazard

Erosion Hazard

Regulation Limit 2015

The Regulation Limit depicted on this map schedule is a representation of O.Reg 157/06 under O.Reg 97/04.

The Regulation Limit is a conservative estimation of the hazard lands within the UTRCA watershed. In the case of discrepancies between the mapping and the actual features on a property, the text of Ontario Regulation 157/06 prevails and the jurisdiction of the UTRCA may extend beyond areas shown on the maps.

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This map is not a substitute for professional advice. Please contact UTRCA staff for any changes, updates and amendments to the information provided.

This document is not a Plan of Survey.

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Regulation Limit

Regulation under s.28 of the Conservation Authorities Act

Development, interference with wetlands, and alterations to shorelines and watercourses. O.Reg 157/06, 97/04.

Legend

UTRCA Watershed (1:10K)



Flow Accumulation (ha)

Municipal Drain Classification

A Cold/Coolwater,Baitfish

B Warmwater, Sensitive, Cleanout<10 yrs</p>



D Cold/Coolwater,Sensitive

■ E Warmwater, Sensitive, Cleanout >10 yrs

F Intermittent/Ephemeral

T Tiled/Closed Surface Drainage

Non-Municipal Watercourse

Middlesex NHSS Vegetation Patch (2

No Patch Criteria Met

1+ Patch Criteria Met

The Regulation Limit depicted on this map schedule is a representation of O.Reg 157/06 under O.Reg 97/04.

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This document is not a Plan of Survey.

Sources: Base data, 2015 Aerial Photography used under licence with the Ontario Ministry of Natural Resources Copyright © Queen's Printer for Ontario; City of London.



UTRCA Benthic Sampling Data

Taxonomic Name	Common Name	Life Stage	# in Subsample	Biotic Index
Powell Drain	Downstream of	bridge at Adelaide Stree	•	
I OWEN DIAM	Site code: ST20	UTM X: 479023	UTM Y: 47653	67
Sampled - 02/06/1999				
Campica 02/00/1000	REP: 1			
Acariformes	Water Mite	Α	2	6
Baetidae	Small Mayfly	N	9	6
Chironomidae	Midge	L	77	6
Chironomidae	Midge	Р	4	6
Dytiscidae	Predacious Diving Beetle	L	3	5
Elmidae	Riffle Beetle	Α	3	5
Elmidae	Riffle Beetle	L	18	5
Empididae	Dance Fly	Р	1	6
Empididae	Dance Fly	L	1	6
Gammaridae	Sideswimmer	Α	2	6
Hebridae	Sphagnum Bug	Α	1	-1
Hydrophilidae	Water Scavenger Beetle	L	1	5
Hydropsychidae	Net-spinning Caddisfly	L	2	5
Lepidostomatidae	Lepistomatid Caddisfly	L	1	1
Nemouridae	Stonefly	N	1	2
Physidae	Pouch Snail	Α	6	8
Simuliidae	Black Fly	L	1	5
Stratiomyidae	Soldier Fly	L	2	7
Valvatidae	Round-mouthed Snail	Α	1	8
	Stream Health	Fairly Poor	Family Biotic Index	5.84
Sampled - 01/10/2001				
	REP: 1			
Acariformes	Water Mite	Α	1	6
Asellidae	Sow Bug	Α	4	8
Calopterygidae	Broad-winged Damselfly	N	4	6
Ceratopogonidae	Biting Midge	L	6	6
Chironomidae	Midge	L	54	6
Chironomidae	Midge	Р	1	6
Corixidae	Water Boatmen	Α	3	5
Elmidae	Riffle Beetle	Α	3	5
Elmidae	Riffle Beetle	L	47	5
Empididae	Dance Fly	L	9	6
Hyalellidae	Sideswimmer	Α	6	8
Hydrophilidae	Water Scavenger Beetle	L	1	5
Hydropsychidae	Net-spinning Caddisfly	L	21	5
Nematoda	Thread Worm	Α	1	5
Nepidae	Waterscorpion	Α	1	-1
Oligochaeta	Aquatic Worm	Α	35	8
Philopotamidae	Finger-net Caddisfly	L	3	4
Pisidiidae	Fingernail Clam	A	2	6
Sialidae	Alderfly	N	2	4
Simuliidae	Black Fly	L	2	5
Tipulidae	Crane Fly	L	1	4
	Stream Health	Fairly Poor	Family Biotic Index	6.00
Sampled - 30/10/2002				
	REP: 1			
Asellidae	Sow Bug	Α	50	8
Baetidae	Small Mayfly	N	2	6
Ceratopogonidae	Biting Midge	L	9	6

Taxonomic Name	Common Name	Life Stage	# in Subsample	Biotic Index
Chironomidae	Midge	Р	5	6
Chironomidae	Midge	L	43	6
Corixidae	Water Boatmen	Α	5	5
Empididae	Dance Fly	L	1	6
Hyalellidae	Sideswimmer	Α	24	8
Hydropsychidae	Net-spinning Caddisfly	L	6	5
Nematoda	Thread Worm	Α	1	5
Oligochaeta	Aquatic Worm	A	46	8
Physidae	Pouch Snail	A	3	8
Pisidiidae	Fingernail Clam	A	5	6
Simuliidae	Black Fly	P	2	5
Simuliidae	Black Fly	L	4	5
Гipulidae	Crane Fly	L	3	4
принас	Stream Health	Poor	Family Biotic Index	7.06
Sampled - 27/10/2003			·	
-apioa - 21/10/2003	REP: 1			
cariformes	Water Mite	Α	1	6
Asellidae		A		
	Sow Bug		4	8
Baetidae Saratanaganidae	Small Mayfly	N	3	6
Ceratopogonidae	Biting Midge	L	42	6
Chironomidae	Midge	L	24	6
oenagrionidae	Narrow-winged Damselfly	N	1	8
Corixidae	Water Boatmen	Α	8	5
laliplidae	Crawling Water Beetle	L	2	5
lyalellidae	Sideswimmer	Α	6	8
ydropsychidae	Net-spinning Caddisfly	L	24	5
ymnaeidae	Pond Snail	Α	30	6
ligochaeta	Aquatic Worm	Α	12	8
hysidae	Pouch Snail	Α	50	8
Pisidiidae	Fingernail Clam	Α	2	6
imuliidae	Black Fly	L	16	5
	Stream Health	Fairly Poor	Family Biotic Index	6.43
ampled - 06/10/2004				
•	REP: 1			
cariformes	Water Mite	Α	2	6
sellidae	Sow Bug	A	13	8
eratopogonidae	Biting Midge	Ĺ	27	6
	Midge	P	3	6
. •		•		6
hironomidae	_	ı		()
hironomidae hironomidae	Midge	L L	57	
hironomidae hironomidae Imidae	Midge Riffle Beetle	L	57 7	5
hironomidae hironomidae Imidae Imidae	Midge Riffle Beetle Riffle Beetle	L A	57 7 3	5 5
hironomidae hironomidae Imidae Imidae mpididae	Midge Riffle Beetle Riffle Beetle Dance Fly	L A L	57 7 3 4	5 5 6
hironomidae hironomidae Imidae Imidae mpididae Iossiphoniidae	Midge Riffle Beetle Riffle Beetle Dance Fly Leech	L A L A	57 7 3 4 1	5 5 6 8
chironomidae chironomidae Imidae Imidae mpididae clossiphoniidae yalellidae	Midge Riffle Beetle Riffle Beetle Dance Fly Leech Sideswimmer	L A L A	57 7 3 4 1 22	5 5 6 8 8
chironomidae chironomidae climidae climidae cimpididae clossiphoniidae dyalellidae dydropsychidae	Midge Riffle Beetle Riffle Beetle Dance Fly Leech Sideswimmer Net-spinning Caddisfly	L A L A L	57 7 3 4 1 22 30	5 5 6 8 8 5
Chironomidae Chironomidae Chironomidae Elmidae Empididae Glossiphoniidae Hyalellidae Hydropsychidae Nematoda	Midge Riffle Beetle Riffle Beetle Dance Fly Leech Sideswimmer Net-spinning Caddisfly Thread Worm	L A L A L	57 7 3 4 1 22 30 2	5 5 6 8 8 5 5
Chironomidae Chironomidae Chironomidae Elmidae Empididae Glossiphoniidae Hyalellidae Hydropsychidae Hematoda Dligochaeta	Midge Riffle Beetle Riffle Beetle Dance Fly Leech Sideswimmer Net-spinning Caddisfly Thread Worm Aquatic Worm	L A L A L A	57 7 3 4 1 22 30 2	5 5 6 8 8 5 5
Chironomidae Chironomidae Chironomidae Elmidae Elmidae Empididae Glossiphoniidae Hydropsychidae Nematoda Physidae	Midge Riffle Beetle Riffle Beetle Dance Fly Leech Sideswimmer Net-spinning Caddisfly Thread Worm Aquatic Worm Pouch Snail	L A A L A A	57 7 3 4 1 22 30 2 24 16	5 5 6 8 8 5 5 8
Chironomidae Chironomidae Chironomidae Elmidae Elmidae Empididae Glossiphoniidae Hyalellidae Hydropsychidae Jematoda Dligochaeta Physidae	Midge Riffle Beetle Riffle Beetle Dance Fly Leech Sideswimmer Net-spinning Caddisfly Thread Worm Aquatic Worm Pouch Snail Fingernail Clam	L A A L A A	57 7 3 4 1 22 30 2 24 16	5 6 8 8 5 5 8 8
Chironomidae Chironomidae Chironomidae Elmidae Elmidae Empididae Glossiphoniidae Hyalellidae Hydropsychidae Nematoda Dligochaeta Physidae Pisidiidae Simuliidae	Midge Riffle Beetle Riffle Beetle Dance Fly Leech Sideswimmer Net-spinning Caddisfly Thread Worm Aquatic Worm Pouch Snail Fingernail Clam Black Fly	L A A L A A A	57 7 3 4 1 22 30 2 24 16 1	5 6 8 8 5 5 8 8 6 5
Chironomidae Chironomidae Chironomidae Elmidae Elmidae Empididae Glossiphoniidae Hydropsychidae Hydropsychidae Nematoda Digochaeta Physidae Pisidiidae Elmuliidae Estratiomyidae	Midge Riffle Beetle Riffle Beetle Dance Fly Leech Sideswimmer Net-spinning Caddisfly Thread Worm Aquatic Worm Pouch Snail Fingernail Clam Black Fly Soldier Fly	L A L A A A L L	57 7 3 4 1 22 30 2 24 16 1 2	5 6 8 8 5 5 8 8 6 5 7
Chironomidae Chironomidae Chironomidae Elmidae Elmidae Empididae Glossiphoniidae Hyalellidae Hydropsychidae Jematoda Oligochaeta Physidae Pisidiidae Simuliidae	Midge Riffle Beetle Riffle Beetle Dance Fly Leech Sideswimmer Net-spinning Caddisfly Thread Worm Aquatic Worm Pouch Snail Fingernail Clam Black Fly	L A A L A A A	57 7 3 4 1 22 30 2 24 16 1	5 6 8 8 5 5 8 8 6 5

Taxonomic Name	Common Name	Life Stage	# in Subsample	Biotic Index
Sampled - 03/10/2005				
	REP: 1			
Asellidae	Sow Bug	Α	16	8
Ceratopogonidae	Biting Midge	L	6	6
Chironomidae	Midge	L	14	6
Corixidae	Water Boatmen	Α	2	5
Elmidae	Riffle Beetle	L	2	5
Elmidae	Riffle Beetle	Α	1	5
Hyalellidae	Sideswimmer	Α	6	8
Hydropsychidae	Net-spinning Caddisfly	L	12	5
Isotomidae	Springtail	A	1	5
Oligochaeta	Aquatic Worm	Α	7	8
Pisidiidae	Fingernail Clam	Α	1	6
Simuliidae	Black Fly	L	136	5
Turbellaria	Flatworm	Α	8	6
	Stream Health	Fair	Family Biotic Index	5.55
Compled 20/00/2000	- a vani nouiui		y Diodo maox	0.00
Sampled - 28/09/2006	REP: 1			
A pariform as		A	0	6
Acariformes	Water Mite	A	3	6
Asellidae	Sow Bug	A	36	8
Caratanaganidae	Broad-winged Damselfly	N	1	6
Ceratopogonidae	Biting Midge	L	2	6
Chironomidae	Midge Water Beatman	L	25	6
Corixidae	Water Boatmen	A	1	5
Elmidae	Riffle Beetle	A	1	5
Elmidae	Riffle Beetle	L	20	5
Empididae	Dance Fly	L	9	6
Gammaridae	Sideswimmer	A	3	6
Haliplidae	Crawling Water Beetle	L	1	5
Hydrophilidae	Water Scavenger Beetle	L	1	5
Hydropsychidae	Net-spinning Caddisfly	L	15	5
Nematoda	Thread Worm	A	1	5
Oligochaeta	Aquatic Worm	A	11	8
Pisidiidae	Fingernail Clam	Α .	1	6
Simuliidae	Black Fly	L	70	5
Simuliidae	Black Fly	P .	4	5
Tipulidae	Crane Fly	L	1	4
Turbellaria	Flatworm	Α	22	6
	Stream Health	Fairly Poor	Family Biotic Index	5.90
Sampled - 31/05/2007				
	REP: 1			
Asellidae	Sow Bug	Α	81	8
Baetidae	Small Mayfly	N	5	6
Caenidae	Crawling Mayfly	N	1	6
Ceratopogonidae	Biting Midge	L	20	6
Chironomidae	Midge	L	214	6
Chironomidae	Midge	P	11	6
Corixidae	Water Boatmen	A	55	5
Dytiscidae	Predacious Diving Beetle	L	3	5
Elmidae	Riffle Beetle	A	7	5
Elmidae	Riffle Beetle	L	17	5
Erpobdellidae	Leech	A	2	8
Muscidae	Muscid Fly	L	1	6
Nematoda	Thread Worm	A	1	5
Oligochaeta	Aquatic Worm	A	49	8
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Taxonomic Name	Common Name	Life Stage	# in Subsample	Biotic Index
Pisidiidae	Fingernail Clam	Α	1	6
Simuliidae	Black Fly	L	5	5
Turbellaria	Flatworm	Α	14	6
	Stream Health	Fairly Poor	Family Biotic Index	6.36
Sampled - 24/09/2008		,	,	
Campled - 2-705/2000	REP: 1			
Aeshnidae	Dragonfly	N	1	5
Asellidae	Sow Bug	A	60	8
Chironomidae	Midge	L	8	6
Elmidae	Riffle Beetle	A	5	5
Elmidae	Riffle Beetle	L	19	5
Empididae	Dance Fly	L	1	6
Gammaridae	Sideswimmer	Α	26	6
Glossiphoniidae	Leech	Α	1	8
Hyalellidae	Sideswimmer	Α	7	8
Hydropsychidae	Net-spinning Caddisfly	L	1	5
Oligochaeta	Aquatic Worm	Α	65	8
Simuliidae	Black Fly	L	37	5
Turbellaria	Flatworm	Α	72	6
	Stream Health	Poor	Family Biotic Index	6.67
Sampled - 07/10/2009				
	REP: 1			
Acariformes	Water Mite	Α	2	6
Asellidae	Sow Bug	Α	58	8
Chironomidae	Midge	L	17	6
Coenagrionidae	Narrow-winged Damselfly	N	2	8
Elmidae	Riffle Beetle	Α	1	5
Elmidae	Riffle Beetle	L	7	5
Empididae	Dance Fly	L	2	6
Gammaridae	Sideswimmer	A	89	6
Hydropsychidae	Net-spinning Caddisfly	L	2	5
Leptohyphidae	Crawling Mayfly	N	1	4
Oligochaeta Simuliidae	Aquatic Worm	A L	46 23	8 5
	Black Fly	L	1	5 7
Stratiomyidae Turbellaria	Soldier Fly Flatworm	A	64	6
Turbellaria		_		
	Stream Health	Poor	Family Biotic Index	6.57
Stoney Creek Northda	le Tributa North of Grenfel			
	Site code: ST21	UTM X: 479366	UTM Y: 476554	Ю
Sampled - 02/06/1999				
	REP: 1			_
Acariformes	Water Mite	Α .	2	6
Ceratopogonidae	Biting Midge	L	8	6
Chironomidae	Midge	P	4	6
Chironomidae	Midge	L	55	6
Elmidae	Riffle Beetle	L	5	5
Lymnaeidae Nematoda	Pond Snail Thread Worm	A A	15 2	6 5
Nematoda Nemouridae	Stonefly	N N	2	5 2
Perlodidae	Stonefly	N N	1	2
Pisidiidae	Fingernail Clam	A	9	6
Tabanidae	Horse Fly	Ĺ	1	5
Tipulidae	Crane Fly	L	1	4
	Stream Health	Fairly Poor	Family Biotic Index	5.79
		,	, =	-

Taxonomic Name	Common Name	Life Stage	# in Subsample	Biotic Index
Sampled - 20/06/2000				
	REP: 1			
Ceratopogonidae	Biting Midge	L	1	6
Chironomidae	Midge	L	74	6
Chironomidae	Midge	Р	1	6
Elmidae	Riffle Beetle	Α	1	5
Elmidae	Riffle Beetle	L	6	5
Lepidostomatidae	Lepistomatid Caddisfly	L	1	1
Lymnaeidae	Pond Snail	Α	3	6
Muscidae	Muscid Fly	L	1	6
Physidae	Pouch Snail	A	18	8
Pisidiidae	Fingernail Clam	Α .	1	6
Simuliidae	Black Fly	L	2	5
	Stream Health	Fairly Poor	Family Biotic Index	6.20
Sampled - 01/10/2001				
	REP: 1			
Acariformes	Water Mite	Α	2	6
Asellidae	Sow Bug	Α	4	8
Capniidae	Stonefly	N	11	3
Ceratopogonidae	Biting Midge	L	10	6
Chironomidae	Midge	L	7	6
Chironomidae	Midge	Р	1	6
Collembola	Springtail	Α	1	5
Elmidae	Riffle Beetle	Α	7	5
Elmidae	Riffle Beetle	L	33	5
Glossosomatidae	Caddisfly	L	2	1
Hydropsychidae	Net-spinning Caddisfly	L	5	5
Limnephilidae	Northern Caddisfly	L	1	4
Lymnaeidae	Pond Snail	A	1	6
Nematoda	Thread Worm	A	1	5
Nemouridae	Stonefly	N	3	2
Oligochaeta	Aquatic Worm	A	7	8
Pisidiidae Planorbidae	Fingernail Clam Orb Snail	A	68 6	6 6
Psychodidae	Sand Fly	A L	1	10
Sialidae	Alderfly	N	13	4
Tabanidae	Horse Fly	L	10	5
Tipulidae	Crane Fly	L	6	4
Veliidae	Ripple Bug	A	4	-1
	Stream Health	Fair	Family Biotic Index	5.37
•	Su cam neam	ı alı	I allilly blotte illuex	5.57
Sampled - 30/10/2002	DED. 4			
O a marii da a	REP: 1	N.	470	0
Capniidae	Stonefly	N	172	3
Chironomidae	Midge	L P	5	6
Chironomidae Elmidae	Midge Riffle Beetle	L	1 4	6
Elmidae	Riffle Beetle	A	1	5 5
		L	1	
Hydropsychidae Nemouridae	Net-spinning Caddisfly Stonefly	N	5	5 2
Oligochaeta	Aquatic Worm	A	4	8
Physidae	Pouch Snail	A	1	8
Pisidiidae	Fingernail Clam	A	2	6
Sialidae	Alderfly	N	1	4
Tipulidae	Crane Fly	L	1	4
•	Stream Health	Excellent	Family Biotic Index	3.29
	ou cam mount		. anni Diotio maex	J.20

Taxonomic Name	Common Name		Life Stage	# in Subsample	Biotic Index
Sampled - 02/06/2003					
	REP: 1				
Baetidae	Small Mayfly		N	4	6
Capniidae	Stonefly		N	1	3
Ceratopogonidae	Biting Midge		L	10	6
Chironomidae	Midge		P	40	6
Chironomidae	Midge		Ĺ	115	6
Corixidae	Water Boatmen		A	6	5
Dytiscidae	Predacious Diving Beetle		L	7	5
Elmidae	Riffle Beetle		A	1	5
Elmidae	Riffle Beetle		L	2	5
Ephydridae	Shore Fly		Ĺ	15	7
Hydroptilidae	Micro-caddisfly		L	1	6
Nematoda	Thread Worm		A	1	5
Nemouridae	Stonefly		N	34	2
Oligochaeta	Aquatic Worm		A	32	8
Pisidiidae	Fingernail Clam		A	3	6
Simuliidae	Black Fly		Ĺ	4	5
Simuliidae	Black Fly		P	1	5
Tabanidae	Horse Fly		L	2	5
Tipulidae	Crane Fly		L	2	4
Tipulidae	·		L	_	
	Stream Health	Fair		Family Biotic Index	5.69
Sampled - 27/10/2003					
	REP: 1				
Capniidae	Stonefly		N	58	3
Ceratopogonidae	Biting Midge		L	3	6
Chironomidae	Midge		Р	3	6
Chironomidae	Midge		L	91	6
Dytiscidae	Predacious Diving Beetle		L	1	5
Elmidae	Riffle Beetle		L	35	5
Elmidae	Riffle Beetle		Α	5	5
Empididae	Dance Fly		L	1	6
Hydropsychidae	Net-spinning Caddisfly		L	10	5
Oligochaeta	Aquatic Worm		Α	1	8
Physidae	Pouch Snail		Α	2	8
Pisidiidae	Fingernail Clam		Α	3	6
Sialidae	Alderfly		N	1	4
Simuliidae	Black Fly		L	4	5
Tabanidae	Horse Fly		L	2	5
Tipulidae	Crane Fly		L	1	4
Turbellaria	Flatworm		Α	4	6
	Stream Health	Good		Family Biotic Index	4.98
Sampled - 14/06/2004				•	
Campiou - 14/00/2004	REP: 1				
Baetidae	Small Mayfly		N	4	6
			L L	2	6
Ceratopogonidae Chironomidae	Biting Midge		L	66	6
Chironomidae	Midge Midge		P	10	6
Corixidae	Water Boatmen		A	2	5
			A L		
Dytiscidae Elmidae	Predacious Diving Beetle			5 3	5
Elmidae	Riffle Beetle		A		5
Elmidae	Riffle Beetle		L	33	5
Gerridae	Water Strider		A	1	-1 -
Hydropsychidae	Net-spinning Caddisfly		L	22	5
Lymnaeidae	Pond Snail		Α	3	6

### Stop	Taxonomic Name	Common Name	Life Stage	# in Subsample	Biotic Index
ligochaeta	Nematoda	Thread Worm	Α	1	5
Sistididae	Nemouridae	Stonefly	N	1	2
Second S	Oligochaeta	Aquatic Worm	Α	3	8
Intellidate Black Fly	Physidae	Pouch Snail	Α	5	8
Stream Health	Pisidiidae	Fingernail Clam	Α	12	6
Stream Health Fair Family Biotic Index State	Simuliidae	Black Fly	L	13	5
REP: 1 Sow Bug	Turbellaria	Flatworm	Α	10	6
REP: 1 Sow Bug		Stream Health	Fair	Family Biotic Index	5.66
sellidae Sow Bug A 1 8 eratopogonidae Biting Midge L 5 6 Imidae Riffle Beetle A 1 5 Imidae Riffle Beetle A 1 5 Imidae Riffle Beetle L 42 5 Imidae Riffle Beetle L 42 5 ematoda Thread Worm A 1 5 ematoda Thread Worm A 1 6 isididae Fingernail Clam A 1 6 isididae Alderfly N 1 4 pullidae Crane Fly L 3 4 urbellaria Flatworm A 14 6 Stream Health Fairly Poor Family Biotic Index 5.7 ampled - 16/05/2005 FEP: 1 Cariformes Water Mite A 1 6 cariformes Water Mite A 1 6 6	Sampled - 06/10/2004				
eratopogonidae Biting Midge		REP: 1			
hironomidae Midge	Asellidae	Sow Bug	Α	1	8
Imildae	Ceratopogonidae	Biting Midge	L	5	6
Imidae	Chironomidae		L	140	6
Imidae	Elmidae	_	Α	1	5
Vigoropsychidae Net-spinning Caddisfly	Elmidae	Riffle Beetle	L	42	5
emaioda Thread Worm A 1 55 isidiidae Fingernail Clam A 1 66 isidiidae Fingernail Clam A 1 66 isidiidae Alderfly N 1 1 44 ipulidae Crane Fly L 3 44 introblematical Flatworm A 14 66 Stream Health Fairly Poor Family Biotic Index 5.71 ampled - 16/05/2005 REP: 1	Hydropsychidae	Net-spinning Caddisfly		1	5
Sidilidae	Nematoda		Α	1	5
ialidae Alderfly N 1 1 4 4 ipulidae Crane Fly L 3 4 4 Introduction Flatworm A 14 6 Stream Health Fairly Poor Family Biotic Index 5.70 5.70 5.70 5.70 5.70 5.70 5.70 5.70	Pisidiidae				6
Stream Health Fairly Poor Family Blotic Index Stream Health Fair Family Blotic Index Starm place Starm plac	Sialidae	-			4
Stream Health Fairly Poor Family Biotic Index Stream Health Fair Family		•			4
Stream Health Fairly Poor Family Biotic Index 5.70					6
REP: 1 cariformes Water Mite A 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	. a. 2 310110				5.76
REP: 1 cariformes Water Mite	Sampled - 16/05/2005		y	,	••
aetidae Small Mayfly N 5 6 6 6 eratopogonidae Biting Midge L 21 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	,	REP: 1			
eratopogonidae Biting Midge L 21 6 hironomidae Midge P 21 6 hironomidae Midge L 157 6 orixidae Water Boatmen A 2 5 orixidae Predacious Diving Beetle L 2 5 Imidae Riffle Beetle A 1 5 Imidae Riffle Beetle A 1 5 Imidae Riffle Beetle A 1 4 6 Imidae Riffle Beetle L 45 5 5 Imidae Riffle Beetle L 45 5 5 Imidae Dance Fly L 4 6 6 6 mpididae Dance Fly P 1 6 6 5 mpididae Net-spinning Caddisfly L 2 2 5 mnephilidae Northern Caddisfly N 34 2 2	Acariformes	Water Mite	Α	1	6
hironomidae Midge P 21 66 hironomidae Midge L 157 66 orixidae Water Boatmen A 2 55 ytiscidae Predacious Diving Beetle L 2 55 Imidae Riffle Beetle A 1 55 Imidae Riffle Beetle L 45 55 Imidae Dance Fly L 4 66 Impididae Dance Fly P 1 66 Impididae Net-spinning Caddisfly L 2 55 Impididae Northern Caddisfly L 3 3 44 Imperiate Northern Caddisfly N 34 22 Impididae Northern Caddisfly N 34 34 32 Impididae Stonefly N 34 32 34 Impididae Stonefly N 34 34 32 Impididae Stonefly N 34 34 32 Impididae Stonefly N 34 34 32 Impididae Stonefly N 34 34 34 Impididae Stonefly N 34 35 Impididae Stonefly N 34 36 35 Impididae Stonefly N 35 35 Impididae Stonefly N 36 35 Impid	Baetidae	Small Mayfly	N	5	6
hironomidae Midge P 21 66 hironomidae Midge L 157 66 orixidae Water Boatmen A 2 55 ytiscidae Predacious Diving Beetle L 2 55 Imidae Riffle Beetle A 1 55 Imidae Riffle Beetle L 45 55 Imidae Dance Fly L 4 66 Impididae Dance Fly P 1 66 Impididae Net-spinning Caddisfly L 2 55 Impididae Northern Caddisfly L 3 3 44 Imperiate Northern Caddisfly N 34 22 Impididae Northern Caddisfly N 34 34 32 Impididae Stonefly N 34 32 34 Impididae Stonefly N 34 34 32 Impididae Stonefly N 34 34 32 Impididae Stonefly N 34 34 32 Impididae Stonefly N 34 34 34 Impididae Stonefly N 34 35 Impididae Stonefly N 34 36 35 Impididae Stonefly N 35 35 Impididae Stonefly N 36 35 Impid	Ceratopogonidae	Biting Midge	L	21	6
hironomidae Midge L 157 66 orixidae Water Boatmen A 2 55 ytiscidae Predacious Diving Beetle L 2 55 Imidae Riffle Beetle A 1 55 Imidae Riffle Beetle L 45 55 Imidae Dance Fly L 4 66 Impididae Dance Fly P 1 66 ydropsychidae Net-spinning Caddisfly L 3 42 Imoephilidae Northern Caddisfly L 3 44 Idigochaeta Stonefly N 34 2 88 Idigochaeta Aquatic Worm A 2 2 88 Idigochaeta Stonefly N 2 2 2 Isidiidae Fingernail Clam A 20 66 Imuliidae Black Fly L 6 55 Imuliidae Black Fly L 6 55 Imuliidae Black Fly L 6 55 Imuliidae Crane Fly L 1 6 55 Imuliidae Grane Fly L 1 6 55 Imuliidae	Chironomidae		Р	21	6
orixidae Water Boatmen A 2 5 ytiscidae Predacious Diving Beetle L 2 5 Imidae Riffle Beetle A 1 5 Imidae Riffle Beetle L 45 5 Impididae Dance Fly L 4 6 mpididae Dance Fly P 1 6 ydropsychidae Net-spinning Caddisfly L 2 5 mnephilidae Northern Caddisfly L 3 4 emouridae Stonefly N 34 2 emouridae Stonefly N 34 2 sligiochaeta Aquatic Worm A 2 8 erlodidae Stonefly N 2 2 isidiidae Fingernail Clam A 20 6 imuliidae Black Fly L 6 5 imuliidae Black Fly L 1 4 abanidae	Chironomidae		L	157	6
ytiscidae Predacious Diving Beetle L 2 5 Imidae Riffle Beetle A 1 5 Imidae Riffle Beetle L 45 5 Impididae Dance Fly L 4 6 Impididae Dance Fly P 1 6 ydropsychidae Net-spinning Caddisfly L 2 5 Imnephilidae Northern Caddisfly L 3 4 emouridae Stonefly N 34 2 emouridae Stonefly N 34 2 eligochaeta Aquatic Worm A 2 8 erlodidae Stonefly N 2 2 sisidiidae Fingernail Clam A 20 6 imuliidae Black Fly L 6 5 imuliidae Black Fly L 1 5 abanidae Horse Fly L 1 4 ipulidae	Corixidae				5
Imidae					5
Imidae	-				5
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Stream Health Fair Family Biotic Index 5.3 ampled - 03/10/2005 REP: 1	Tipulidae 	•			4
ampled - 03/10/2005 REP: 1	ſurbellaria			•	6
REP: 1		Stream Health	Fair	Family Biotic Index	5.37
	Sampled - 03/10/2005	DED: 4			
cariformes Water Mite A 2 6	A			_	_
	Acariformes	Water Mite	Α	2	6
S	Asellidae	_			8
3 , ,	Caenidae				6
1 70	Calopterygidae	=			6
	Capniidae	Stonefly	N	2	3
eratopogonidae Biting Midge L 19 6	Ceratopogonidae	Biting Midge	L	19	6

Taxonomic Name	Common Name	Life Stage	# in Subsample	Biotic Index
Chironomidae	Midge	L	90	6
Elmidae	Riffle Beetle	Α	3	5
Elmidae	Riffle Beetle	L	132	5
Empididae	Dance Fly	L	1	6
Hydropsychidae	Net-spinning Caddisfly	L	26	5
Leptoceridae	Long-horned Caddisfly	L	1	4
Nematoda	Thread Worm	Α	1	5
Physidae	Pouch Snail	Α	1	8
Pisidiidae	Fingernail Clam	Α	49	6
Psychodidae	Sand Fly	L	1	10
Sialidae	Alderfly	N	1	4
Tabanidae	Horse Fly	L	1	5
	Stream Health	Fair	Family Biotic Index	5.51
Sampled - 29/05/2006				
	REP: 1			
Cambaridae	Crayfish	Α	1	6
Capniidae	Stonefly	N	1	3
Ceratopogonidae	Biting Midge	L	12	6
Chironomidae	Midge	L	221	6
Chironomidae	Midge	Р	8	6
Dytiscidae	Predacious Diving Beetle	L	8	5
Elmidae	Riffle Beetle	Α	1	5
Elmidae	Riffle Beetle	L	33	5
Hydropsychidae	Net-spinning Caddisfly	L	1	5
Hydroptilidae	Micro-caddisfly	L	2	6
Lymnaeidae	Pond Snail	Α	2	6
Muscidae	Muscid Fly	Р	1	6
Muscidae	Muscid Fly	L	1	6
Nematoda	Thread Worm	A	2	5
Oligochaeta	Aquatic Worm	A	13	8
Pisidiidae	Fingernail Clam	A	4	6
Tabanidae	Horse Fly	Ĺ	1	5
Turbellaria	Flatworm	A	2	6
	Stream Health	Fairly Poor	Family Biotic Index	5.93
Sampled - 28/09/2006		•	·	
·	REP: 1			
Baetidae	Small Mayfly	N	1	6
Caenidae	Crawling Mayfly	N	1	6
Calopterygidae	Broad-winged Damselfly	N	1	6
Ceratopogonidae	Biting Midge	L	3	6
Chironomidae	Midge	Р	1	6
Chironomidae	Midge	L	16	6
Elmidae	Riffle Beetle	Α	8	5
Elmidae	Riffle Beetle	L	71	5
Empididae	Dance Fly	L	1	6
Gammaridae	Sideswimmer	Α	3	6
Hydropsychidae	Net-spinning Caddisfly	L	9	5
Leptoceridae	Long-horned Caddisfly	L	1	4
Lymnaeidae	Pond Snail	Α	1	6
Nematoda	Thread Worm	Α	1	5
Oligochaeta	Aquatic Worm	Α	8	8
Pisidiidae	Fingernail Clam	Α	64	6
Sialidae	Alderfly	N	1	4
Stratiomyidae	Soldier Fly	L	1	7
Tabanidae	Horse Fly	L	2	5
Tipulidae	Crane Fly	L	5	4

Taxonomic Name	Common Name	Life Stage	# in Subsample	Biotic Index
Turbellaria	Flatworm	Α	7	6
	Stream Health	Fair	Family Biotic Index	5.57
Sampled - 28/05/2007			·	
20/00/2007	REP: 1			
Ceratopogonidae	Biting Midge	L	21	6
Chironomidae	Midge	– P	12	6
Chironomidae	Midge	L	99	6
Elmidae	Riffle Beetle	Α	3	5
Elmidae	Riffle Beetle	L	38	5
Ephydridae	Shore Fly	L	1	7
Gammaridae	Sideswimmer	Α	2	6
Hydropsychidae	Net-spinning Caddisfly	L	2	5
Pisidiidae	Fingernail Clam	Α	10	6
Simuliidae	Black Fly	L	19	5
Tabanidae	Horse Fly	L	4	5
Turbellaria	Flatworm	Α	1	6
	Stream Health	Fair	Family Biotic Index	5.69
Sampled - 21/09/2007				
	REP: 1			
Baetidae	Small Mayfly	N	1	6
Calopterygidae	Broad-winged Damselfly	N	2	6
Ceratopogonidae	Biting Midge	L	45	6
Chironomidae	Midge	Р	1	6
Chironomidae	Midge	L	115	6
Corixidae	Water Boatmen	Α	5	5
Elmidae	Riffle Beetle	Α	2	5
Elmidae	Riffle Beetle	L	79	5
Gammaridae	Sideswimmer	Α	3	6
Hydropsychidae	Net-spinning Caddisfly	L	13	5
Lymnaeidae	Pond Snail	Α	3	6
Nematoda	Thread Worm	Α	2	5
Oligochaeta	Aquatic Worm	Α	31	8
Physidae	Pouch Snail	Α	1	8
Pisidiidae	Fingernail Clam	A	28	6
Psychodidae	Sand Fly	L	1	10
Sialidae	Alderfly	N	2	4
Tabanidae	Horse Fly	L	8	5
Tipulidae	Crane Fly	L	1	4
Turbellaria Veliidae	Flatworm	A	8 2	6
veilluae	Ripple Bug	Α		-1
	Stream Health	Fairly Poor	Family Biotic Index	5.87
Sampled - 14/05/2008	DED 4			
D (1)	REP: 1		,_	•
Baetidae	Small Mayfly	N	17	6
Ceratopogonidae	Biting Midge	L	14	6
Chironomidae	Midge	P	5	6
Chironomidae	Midge	L	336	6
Dytiscidae	Predacious Diving Beetle	L	5	5
Elmidae	Riffle Beetle	A	3	5
Elmidae	Riffle Beetle	L	47	5
Empididae Enhydridae	Dance Fly	Р	1	6
Ephydridae Gammaridae	Shore Fly	L	6 5	7 6
Hydropsychidae	Sideswimmer Net-spinning Caddisfly	A L	5 1	6 5
Nematoda	Thread Worm	A	1	5 5
Homatoud	THICAG VVOIII	^	ı	J

Taxonomic Name	Common Name	Life Stage	# in Subsample	Biotic Index
Nemouridae	Stonefly	N	3	2
Oligochaeta	Aquatic Worm	Α	11	8
Pisidiidae	Fingernail Clam	Α	3	6
Simuliidae	Black Fly	L	14	5
Tabanidae	Horse Fly	L	3	5
	Stream Health	Fairly Poor	Family Biotic Index	5.88
Sampled - 24/09/2008				
	REP: 1			
Caenidae	Crawling Mayfly	N	1	6
Calopterygidae	Broad-winged Damselfly	N	5	6
Ceratopogonidae	Biting Midge	L	24	6
Chironomidae	Midge	L	52	6
Chironomidae	Midge	Р	1	6
Corixidae	Water Boatmen	Α	1	5
Elmidae	Riffle Beetle	Α	2	5
Elmidae	Riffle Beetle	L	116	5
Gammaridae	Sideswimmer	Α	12	6
Hydropsychidae	Net-spinning Caddisfly	L	7	5
Oligochaeta	Aquatic Worm	Α	12	8
Pisidiidae	Fingernail Clam	Α	36	6
Sialidae	Alderfly	N	6	4
Tipulidae	Crane Fly	L	2	4
Turbellaria	Flatworm	Α	1	6
	Stream Health	Fair	Family Biotic Index	5.58
Sampled - 03/06/2009			•	
00/00/2000	REP: 1			
Baetidae	Small Mayfly	N	2	6
Caenidae	Crawling Mayfly	N	2	6
Ceratopogonidae	Biting Midge	L	3	6
Chironomidae	Midge	Р	10	6
Chironomidae	Midge	L	120	6
Dytiscidae	Predacious Diving Beetle	L	2	5
Elmidae	Riffle Beetle	Α	12	5
Elmidae	Riffle Beetle	L	96	5
Haliplidae	Crawling Water Beetle	L	1	5
Hydropsychidae	Net-spinning Caddisfly	L	6	5
Nematoda	Thread Worm	Α	7	5
Oligochaeta	Aquatic Worm	Α	6	8
Physidae	Pouch Snail	Α	2	8
Pisidiidae	Fingernail Clam	Α	31	6
Simuliidae	Black Fly	L	1	5
Tabanidae	Horse Fly	L	1	5
Turbellaria	Flatworm	Α	2	6
	Stream Health	Fair	Family Biotic Index	5.64
Sampled - 07/10/2009				
	REP: 1			
Acariformes	Water Mite	Α	3	6
Asellidae	Sow Bug	Α	1	8
Calopterygidae	Broad-winged Damselfly	N	2	6
Ceratopogonidae	Biting Midge	L	15	6
o o i aliop o go i ii alio	Midao	L	123	6
	Midge			
Chironomidae	Water Boatmen	Α	1	5
Chironomidae Corixidae Elmidae	=	A L	1 102	5 5
Chironomidae Corixidae	Water Boatmen			

Taxonomic Name	Common Name		Life Stage	# in Subsample	Biotic Index
Gammaridae	Sideswimmer		Α	5	6
Hydropsychidae	Net-spinning Caddisfly		L	2	5
Dligochaeta	Aquatic Worm		Α	5	8
Pisidiidae	Fingernail Clam		Α	27	6
Simuliidae	Black Fly		L	1	5
Гipulidae	Crane Fly		L	1	4
· Furbellaria	Flatworm		Α	20	6
	Stream Health	Fair		Family Biotic Index	5.69
Sampled - 27/05/2010					
	REP: 1				
Acariformes	Water Mite		Α	13	6
Caenidae	Crawling Mayfly		N	1	6
Ceratopogonidae	Biting Midge		L	3	6
hironomidae	Midge		Р	14	6
hironomidae	Midge		L	172	6
ytiscidae	Predacious Diving Beetle		L	2	5
Imidae	Riffle Beetle		A	2	5
:Imidae	Riffle Beetle		L	68	5
Sammaridae	Sideswimmer		A	1	6
Serridae	Water Strider		A	2	-1
lydropsychidae	Net-spinning Caddisfly		Ĺ	3	5
lematoda	Thread Worm		A	5	5
	Aquatic Worm		A	1	8
ligochaeta	Pouch Snail		A	2	
hysidae					8
sidiidae	Fingernail Clam		A	10	6
imuliidae	Black Fly		L	2	5
urbellaria	Flatworm		Α	5	6
	Stream Health	Fair		Family Biotic Index	5.75
ampled - 07/10/2010					
	REP: 1				
sellidae	Sow Bug		Α	1	8
alopterygidae	Broad-winged Damselfly		N	1	6
eratopogonidae	Biting Midge		L	5	6
hironomidae	Midge		Р	97	6
orixidae	Water Boatmen		Α	1	5
lmidae	Riffle Beetle		Α	14	5
Imidae	Riffle Beetle		L	151	5
mpididae	Dance Fly		L	1	6
ammaridae	Sideswimmer		A	3	6
lydropsychidae	Net-spinning Caddisfly		Ĺ	9	5
lematoda	Thread Worm		A	5	5
Pligochaeta	Aquatic Worm		A	2	8
•					
'isidiidae	Fingernail Clam		A	2	6
pulidae	Crane Fly		L	1	4
urbellaria	Flatworm	-	Α	11	6
	Stream Health	Fair		Family Biotic Index	5.42
ampled - 19/05/2011	REP: 1				
aarifarm aa			٨	4	•
cariformes	Water Mite		A	1	6
sellidae	Sow Bug		A	2	8
Caenidae	Crawling Mayfly		N	2	6
Ceratopogonidae	Biting Midge		L	4	6
					_
hironomidae	Midge		Р	4	6
	Midge Midge		P L	4 65	6 6

Taxonomic Name	Common Name	L	ife Stage	# in Subsample	Biotic Index
Elmidae	Riffle Beetle		L	118	5
Empididae	Dance Fly		L	2	6
, Gammaridae	Sideswimmer		Α	14	6
Nematoda	Thread Worm		Α	9	5
Oligochaeta	Aquatic Worm		Α	13	8
Pisidiidae	Fingernail Clam		Α	3	6
Simuliidae	Black Fly		L	69	5
Turbellaria	Flatworm		A	3	6
Tarbellaria			Α		
	Stream Health	Fair		Family Biotic Index	5.45
Sampled - 29/09/2011					
	REP: 1				
Acariformes	Water Mite		Α	1	6
Calopterygidae	Broad-winged Damselfly		N	3	6
Cambaridae	Crayfish		Α	1	6
Ceratopogonidae	Biting Midge		L	1	6
Chironomidae	Midge		Р	3	6
Chironomidae	Midge		L	32	6
Elmidae	Riffle Beetle		Α	6	5
Elmidae	Riffle Beetle		L	181	5
Gammaridae	Sideswimmer		Α	8	6
Hydropsychidae	Net-spinning Caddisfly		L	16	5
Leptohyphidae	Crawling Mayfly		N	1	4
Leptophlebiidae	Mayfly		N	1	4
Nematoda	Thread Worm		A	6	5
Oligochaeta	Aquatic Worm		A	27	8
Pisidiidae	Fingernail Clam		A	7	6
Simuliidae	_			, 5	5
	Black Fly		L		
Simuliidae	Black Fly		P	1	5
Turbellaria	Flatworm		A	4	6
Veliidae	Ripple Bug		Α	1	-1
	Stream Health	Fair		Family Biotic Index	5.46
Sampled - 11/05/2012					
	REP: 1				
Ceratopogonidae	Biting Midge		L	29	6
Chironomidae	Midge		Р	13	6
Chironomidae	Midge		L	193	6
Elmidae	Riffle Beetle		Α	2	5
Elmidae	Riffle Beetle		L	34	5
Ephydridae	Shore Fly		L	11	7
Gammaridae	Sideswimmer		Α	3	6
Oligochaeta	Aquatic Worm		Α	4	8
Pisidiidae	Fingernail Clam		Α	3	6
Simuliidae	Black Fly		L	14	5
	Stream Health	Fairly Poo	ır.	Family Biotic Index	5.90
Sampled 00/40/0040			•	2.000	0.00
Sampled - 02/10/2012	REP: 1				
A pariform as			٨	4	6
Acariformes	Water Mite		A	1	6
Ceratopogonidae	Biting Midge		L	8	6
Chironomidae	Midge		P	1	6
Chironomidae	Midge		L	12	6
Coenagrionidae	Narrow-winged Damselfly		N	9	8
Elmidae	Riffle Beetle		Α	7	5
Elmidae	Riffle Beetle		L	263	5
Hydropsychidae	Net-spinning Caddisfly		L	12	5
Nematoda	Thread Worm		Α	4	5

	Taxonomic Name	Common Name	Life Stage	# in Subsample	Biotic Index
Tabanidae	Oligochaeta	Aquatic Worm	Α	15	8
Turbe Biran Flatworm Fair Family Blotic Index Family Blo	Pisidiidae	Fingernail Clam	Α	6	6
	Tabanidae	Horse Fly	L	2	5
Sampled	Turbellaria	Flatworm	Α	1	6
REP: 1	Veliidae	Ripple Bug	Α	1	-1
REP: 1		Stream Health	Fair	Family Biotic Index	5.30
REP: 1	Sampled - 09/05/2013			-	
Acariformes Water Mite	Oumpled - 05/05/2015	RFP· 1			
Ceratopognidae Biting Midge L 4 6 Chironomidae Midge P 17 6 Chironomidae Midge L 274 6 Elmidae Riffle Beetle A 4 5 Elmidae Riffle Beetle L 13 5 Muscidae Muscid Fly L 1 6 Nematoda Thread Worm A 30 8 Simulidae Black Fly L 4 5 Tipulidae Crane Fly L 4 5 Stream Health Fairly Poor Family Biotic Index 6.10 Sampled - 03/10/2013 REP: 1 Acariformes Water Mite A 2 6 Capalidae Crawling Mayfly N 4 6 Calopterygidae Biting Midge L 1 1 6 Ceratopogonidae Biting Midge L 2 9	Acariformes		Δ	1	6
Chironomidae Midge P 17 6 Chironomidae Midge L 274 6 Elmidae Riffle Beetle A 4 5 Elmidae Riffle Beetle L 133 5 Muscidae Muscid Fly L 1 6 Nematoda Thread Worm A 1 5 Oligochaeta Aquatic Worm A 30 8 Simuliidae Black Fly L 4 5 Tipuldae Crae Fly L 4 5 Sampled - 03/10/2013 REP: 1 Sampled - 03/10/2013 REP: 1 Cacariformes Water Mite A 2 6 Caenidae Crawling Mayfly N 4 6 Caenidae Crawling Mayfly N 4 6 Caenidae Stonefly N 1 3 Carphidae Siting Midge L<					
Chironomidae Midge Riffle Beetle L 274 6 Elmidae Riffle Beetle L 13 5 Muscidae Muscid Fly L 1 6 Nematoda Thread Worm A 1 5 Oligochaeta Aquatic Worm A 30 8 Simulidae Black Fly L 4 5 Lipulidae Crane Fly L 1 4 Careno Control Stream Health Fairly Poor Family Biotic Index 6.10 Sampled - 03/10/2013 REP: 1 Acariformes Water Mile A 2 6 Caenidae Crawling Mayfly N 4 6 Caenidae Crawlinged Damselfly N 6 6 Capolitace Stonefly N 1 3 Ceratopogonidae Bitting Midge L 29 6 Chironomidae Midge L 1 1 6 <td>· -</td> <td></td> <td></td> <td></td> <td></td>	· -				
Elmidae Riffie Beetle A 4 5 Elmidae Riffie Beetle L 133 5 Muscidae Muscid Fly L 1 6 Nematoda Thread Worm A 30 8 Oligochaeta Black Fly L 4 5 Tipulidae Crane Fly L 4 5 Tipulidae Stream Health Fairly Poor Family Blotic Index 6.10 Sampled - 03/10/2013 REP: 1 A cariformes Water Mite A 2 6 Caenidae Crawling Marfly N 4 6 Calopterygidae Broad-winged Damselfly N 4 6 Calopterygidae Broad-winged Damselfly N 1 6 Capnidae Broad-winged Damselfly N 1 6 Caphidae Broad-winged Damselfly N 1 6 Chironomidae Midge L 29 6<					
Elmidae Riffle Beetle L 133 5 Muscidae Muscid Fly L 1 6 Nematoda Thread Worm A 1 5 Oligochaetla Aquatic Worm A 300 8 Simulilidae Black Fly L 4 5 Impullation Torane Fly L 4 5 Tipulidae Stream Health Fairly Poor Family Biotic Index 6.10 Sampled - 03/10/2013 REP: 1 Acariformes Water Mite A 2 6 Caenidae Crawling Mayfly N 4 6 Calopherygidae Broad-winged Damselfly N 4 6 6 Capilidae Stonefly N 1 3 6 6 Capilidae Midge L 1 6 6 6 Crainidae Miffle Beetle A 1 5 6 6 <		•			
Muscidae Muscid Fly L 1 6 Nematoda Thread Worm A 1 5 Oligochaeta Aquatic Worm A 30 8 Simulidae Black Fly L 4 5 Tipulidae Crane Fly L 1 4 Tipulidae Family Biotic Index 6 REP: 1 Acariformes Water Mile A 2 6 Caenidae Crawling Maythy N 4 6 Calopterygidae Broad-winged Damselfly N 4 6 Capnidae Stoneffly N 4 6 Caphidae Stoneffly N 1 3 Ceratopogonidae Biting Midge L 1 1 6 Chironomidae Widge L 2 1 2 1 6 6 1 1 6 1 1 6 1 1 6 1					
Nematoda					
Oligochaeta Simulidae Aquatic Worm Black Fly L 4 30 8 Simulidae Black Fly L 4 5 Iripulidae Stream Health Fairly Poor Family Biotic Index 6.10 Sampled - 03/10/2013 REP: 1 REP: 1 Caeridae Crawling Mayfly N 4 6 Calopterygidae Broad-winged Damselfly N 4 6 Calopidae Stonefly N 4 6 Cappilidae Stonefly N 1 3 Ceratopogonidae Bitting Midge L 1 6 Chironomidae Midge L 2 9 6 Corixidae Water Boatmen A 1 5 Crangonyctidae Sideswimmer A 4 6 Elmidae Riffle Beetle A 15 5 Elmidae Pingernali Cand A 4 6			_		
Simullidae Black Fly Crane Fly Crane Fly L 4 5 Tipulidae Stream Health Fairly Poor Family Biotic Index 6.10 Sampled - 03/10/2013 REP: 1 Acariformes Water Mite A 2 6 Caenidae Crawling Mayrily N 4 6 Calopterygidae Broad-winged Damselfly N 1 3 Capnidae Stonefly N 1 3 Caratopogonidae Bilting Midge L 1 6 Chironomidae Midge L 2 9 6 Chironomidae Midge L 1 5 6 Chironomidae Midge L 13 6					
Tipulidae Crane Fly L 1 4 Stream Health Fairly Poor Family Blotic Index 6.10 Sampled - 03/10/2013 REP: 1 Acariformes Water Mite A 2 6 Canidae Crawling Mayfly N 4 6 Calopterygidae Broad-winged Damselfly N 1 3 Carlodae Stonefly N 1 3 Carlodae Stonefly N 1 6 Chronomidae Midge L 1 6 Corixidae Water Boatmen A 1 5 Crangonycitidae Sideswimmer A 4 6 Elmidae Riffle Beetle A 15 5 Elmidae Riffle Beetle L 139 6 Hydropsychidae Net-spinning Caddisfly L 16 5 Nematoda Thread Worm A 4 4 6	•	•			
Stram Health Fairly Poor Family Blotic Index Sampled - 03/10/2013 REP: 1		•			
Sampled - 03/10/2013 REP: 1 Acariformes Water Mite A	pundas	•			
REP: 1	Sampled - 03/10/2013		•	•	
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Hydropsychidae Net-spinning Caddisfly L 16 5 Nematoda Thread Worm A 3 5 Oligochaeta Aquatic Worm A 47 8 Pisidiidae Fingernail Clam A 4 6 Tipulidae Crane Fly L 2 4 Turbellaria Flatworm A 1 6 Veliidae Ripple Bug A 1 -1 *** Stream Health *** Fair *** Family Biotic Index *** 5.69 *** Sampled - 14/05/2014 *** Family Biotic Index *** 5.69 *** Sampled - 14/05/2014 *** Family Biotic Index *** 5.69 *** Sampled - 14/05/2014 *** Family Biotic Index *** 5.69 *** Sampled - 14/05/2014 *** Family Biotic Index *** 5.69 *** Sampled - 14/05/2014 *** Family Biotic Index *** 5.69 *** Sampled - 14/05/2014 *** Family Biotic Index *** 5.69 *** Caenidae *** Crawling Mayfly N 2 6 *** Caenidae	Empididae	Dance Fly	L	3	6
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REP: 1 Acariformes Water Mite A 1 6 Caenidae Crawling Mayfly N 2 6 Calopterygidae Broad-winged Damselfly N 1 6 Ceratopogonidae Biting Midge L 3 6 Chironomidae Midge P 4 6 Chironomidae Midge L 62 6 Crangonyctidae Sideswimmer A 4 6 Dytiscidae Predacious Diving Beetle L 3 5 Elmidae Riffle Beetle A 2 5 Elmidae Shore Fly L 3 7	Sampled - 14/05/2014				
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CaenidaeCrawling MayflyN26CalopterygidaeBroad-winged DamselflyN16CeratopogonidaeBiting MidgeL36ChironomidaeMidgeP46ChironomidaeMidgeL626CrangonyctidaeSideswimmerA46DytiscidaePredacious Diving BeetleL35ElmidaeRiffle BeetleA25ElmidaeRiffle BeetleL155EphydridaeShore FlyL37	Acariformes	Water Mite	Α	1	6
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ChironomidaeMidgeL626CrangonyctidaeSideswimmerA46DytiscidaePredacious Diving BeetleL35ElmidaeRiffle BeetleA25ElmidaeRiffle BeetleL155EphydridaeShore FlyL37	. •		Р	4	6
CrangonyctidaeSideswimmerA46DytiscidaePredacious Diving BeetleL35ElmidaeRiffle BeetleA25ElmidaeRiffle BeetleL155EphydridaeShore FlyL37	Chironomidae	-	L	62	
DytiscidaePredacious Diving BeetleL35ElmidaeRiffle BeetleA25ElmidaeRiffle BeetleL155EphydridaeShore FlyL37	Crangonyctidae	=	Α	4	
ElmidaeRiffle BeetleA25ElmidaeRiffle BeetleL155EphydridaeShore FlyL37	• •	Predacious Diving Beetle	L	3	
ElmidaeRiffle BeetleL155EphydridaeShore FlyL37			Α		
Ephydridae Shore Fly L 3 7			L		
	Ephydridae		L		
		Net-spinning Caddisfly	L	3	5

Taxonomic Name	Common Name	Life Stage	# in Subsample	Biotic Index
Leptoceridae	Long-horned Caddisfly	L	1	4
Oligochaeta	Aquatic Worm	Α	223	8
Simuliidae	Black Fly	L	9	5
	Stream Health	Poor	Family Biotic Index	7.24
Sampled - 24/09/2014			,,	
•	REP: 1			
Acariformes	Water Mite	Α	2	6
Baetidae	Small Mayfly	N	1	6
Belostomatidae	Giant Water Bug	Α	1	-1
Calopterygidae	Broad-winged Damselfly	N	5	6
Chironomidae	Midge	L	82	6
Chironomidae	Midge	Р	12	6
Crangonyctidae	Sideswimmer	Α	6	6
Elmidae	Riffle Beetle	Α	1	5
Elmidae	Riffle Beetle	L	5	5
Empididae	Dance Fly	L	8	6
Hydrophilidae	Water Scavenger Beetle	L	1	5
Hydropsychidae	Net-spinning Caddisfly	L	47	5
Simuliidae	Black Fly	L	1	5
Tipulidae	Crane Fly	L	7	4
Turbellaria	Flatworm	Α	15	6
Veliidae	Ripple Bug	Α	1	-1
	Stream Health	Fair	Family Biotic Index	5.64
Sampled - 19/05/2015				
•	REP: 1			
Baetidae	Small Mayfly	N	4	6
Chironomidae	Midge	Р	6	6
Chironomidae	Midge	L	222	6
Elmidae	Riffle Beetle	Α	2	5
Elmidae	Riffle Beetle	L	3	5
Ephydridae	Shore Fly	L	1	7
Gammaridae	Sideswimmer	Α	1	6
Hydropsychidae	Net-spinning Caddisfly	L	2	5
Oligochaeta	Aquatic Worm	Α	41	8
Simuliidae	Black Fly	L	63	5
Turbellaria	Flatworm	Α	1	6
	Stream Health	Fairly Poor	Family Biotic Index	6.04
Sampled - 29/09/2015				
-	REP: 1			
Acariformes	Water Mite	Α	7	6
Baetidae	Small Mayfly	N	2	6
	Broad-winged Damselfly	N	11	6
Calopterygidae	broad-winged Damselly	11		
	Midge	P	4	6
Chironomidae	•		4 202	6 6
Chironomidae Chironomidae	Midge	Р		
Chironomidae Chironomidae Collembola	Midge Midge	P L	202	6
Chironomidae Chironomidae Collembola Crangonyctidae	Midge Midge Springtail	P L A	202 2	6 5
Chironomidae Chironomidae Collembola Crangonyctidae Elmidae	Midge Midge Springtail Sideswimmer	P L A A	202 2 4	6 5 6
Chironomidae Chironomidae Collembola Crangonyctidae Elmidae Elmidae	Midge Midge Springtail Sideswimmer Riffle Beetle Riffle Beetle	P L A A L	202 2 4 47	6 5 6 5
Chironomidae Chironomidae Collembola Crangonyctidae Elmidae Elmidae Empididae	Midge Midge Springtail Sideswimmer Riffle Beetle Riffle Beetle Dance Fly	P L A L A	202 2 4 47 3	6 5 6 5 5
Chironomidae Chironomidae Collembola Crangonyctidae Elmidae Elmidae Empididae Hydropsychidae	Midge Midge Springtail Sideswimmer Riffle Beetle Riffle Beetle Dance Fly Net-spinning Caddisfly	P L A L A L	202 2 4 47 3 4	6 5 6 5 6
Chironomidae Chironomidae Collembola Crangonyctidae Elmidae Elmidae Empididae Hydropsychidae Leptoceridae	Midge Midge Springtail Sideswimmer Riffle Beetle Riffle Beetle Dance Fly Net-spinning Caddisfly Long-horned Caddisfly	P L A L L L	202 2 4 47 3 4	6 5 5 5 6 5
Chironomidae Chironomidae Collembola Crangonyctidae Elmidae Elmidae Empididae Hydropsychidae Leptoceridae Oligochaeta	Midge Midge Springtail Sideswimmer Riffle Beetle Riffle Beetle Dance Fly Net-spinning Caddisfly Long-horned Caddisfly Aquatic Worm	P L A L L L	202 2 4 47 3 4 17	6 5 6 5 6 5 4
Calopterygidae Chironomidae Chironomidae Collembola Crangonyctidae Elmidae Elmidae Empididae Hydropsychidae Leptoceridae Oligochaeta Pisidiidae Simuliidae	Midge Midge Springtail Sideswimmer Riffle Beetle Riffle Beetle Dance Fly Net-spinning Caddisfly Long-horned Caddisfly	P L A L L L	202 2 4 47 3 4 17 1	6 5 6 5 6 5 4 8

Taxonomic Name	Common Name	Life Stage	# in Subsample	Biotic Index
Turbellaria	Flatworm	Α	20	6
	Stream Health	Fairly Poor	Family Biotic Index	5.76
Sampled - 09/05/2016				
	REP: 1			
Acariformes	Water Mite	Α	1	6
Baetidae	Small Mayfly	N	1	6
Ceratopogonidae	Biting Midge	L	1	6
Chironomidae	Midge	Р	16	6
Chironomidae	Midge	L	202	6
Crangonyctidae	Sideswimmer	Α	2	6
Elmidae	Riffle Beetle	L	15	5
Elmidae	Riffle Beetle	Α	2	5
Empididae	Dance Fly	Р	1	6
Empididae	Dance Fly	L	2	6
Ephydridae	Shore Fly	L	2	7
Hydropsychidae	Net-spinning Caddisfly	L	1	5
Oligochaeta	Aquatic Worm	Α	41	8
Psephenidae	Water Penny Beetle	L	1	4
Simuliidae	Black Fly	L	19	5
Tipulidae	Crane Fly	L	1	4
Turbellaria	Flatworm	Α	3	6
	Stream Health	Fairly Poor	Family Biotic Index	6.14

Benthic Samples were obtained using a Rapid Bioassessment Protocol developed by the United States Environmental Protection Agency and modified by Dr. Robert Bailey of the University of Western Ontario Zoology Department. A representative section of stream is selected, incorporating a riffle if present, and sampled by moving upstream along a diagonal transect, dislodging and capturing invertebrates with a .5 mm mesh "D"- frame net. Samples are preserved in the field and analyzed in the lab to randomly select a 100 bug subsample which is identified to the Family taxonomic level.

The biotic index is a value assigned to benthic invertebrate taxa indicating their pollution sensitivity and tolerance on a scale from 0 to 10. Lower numbers indicate pollution sensitivity and high numbers tolerance. A value of -1 indicates that no biotic index value has been assigned to these taxa.

The Family Biotic Index is the weighted average of the biotic index and number of bugs in each taxa in the sample. The water quality ranges for the FBI values are as follows: < 4.25 = Excellent; 4.25 - 5.00 = Good; 5.00 - 5.75 = Fair; 5.75 - 6.50 = Fairly Poor; 6.50 - 7.25 = Poor; and <math>> 7.25 = Very Poor.

Report prepared - September-18-18

UTRCA (DFO, ROM, MNRF) Fish Sampling Records

			Species at R	Risk (SAR) Status	;	Tham	es Status
		Fed	leral	Pı	rovincial		
Species (Commo	n Name) Scientific Name	COSEWIC	SARA	ESA 2007	SRank	Abundance	Distribution
Powell Drain	<u>n</u>						
Location	Downstream of Adelaide St. bridge			Site Code	ST20	Sample D	Date 27/10/2003
UTM x: 479023	UTM y: 4765367						
Brook Stickleback	Culaea inconstans				S5	Abundant	Throughout
Location	Downstream of Adelaide St. bridge			Site Code	ST20	Sample D	Date 03/11/2010
UTM x: 479023	UTM y: 4765367						
Bluntnose Minnow	Pimephales notatus				S5	Abundant	Throughout
Brook Stickleback	Culaea inconstans				S5	Abundant	Throughout
Central Stoneroller	Campostoma anomalum				S4	Abundant	Throughout
Common Shiner	Luxilus cornutus				S5	Abundant	Throughout
Creek Chub	Semotilus atromaculatus				S5	Abundant	Throughout
Fathead Minnow	Pimephales promelas				S5	Common	Throughout
Johnny Darter	Etheostoma nigrum				S5	Abundant	Throughout
Rosyface Shiner	Notropis rubellus				S4		Throughout
Striped Shiner	Luxilus chrysocephalus				S4		Throughout
White Sucker	Catostomus commersoni				S5		Throughout
Location	Downstream of Adelaide St. bridge			Site Code	ST20	Sample D	Date 13/08/2012
UTM x: 479023	UTM y: 4765367						
Blacknose Dace	Rhinichthys atratulus				S5	Abundant	Throughout
Bluntnose Minnow	Pimephales notatus				S5	Abundant	Throughout
Brook Stickleback	Culaea inconstans				S5	Abundant	Throughout
Central Stoneroller	Campostoma anomalum				S4	Abundant	Throughout
Common Shiner	Luxilus cornutus				S5	Abundant	Throughout
Creek Chub	Semotilus atromaculatus				S5	Abundant	Throughout
Fathead Minnow	Pimephales promelas				S5	Common	Throughout
Greenside Darter	Etheostoma blennioides				S4	Abundant	Throughout
Johnny Darter	Etheostoma nigrum				S5	Abundant	Throughout
Northern Redbelly	Dace Phoxinus eos				S5	Common	Throughout
Pumpkinseed	Lepomis gibbosus				S5		Throughout
Spotfin Shiner	Cyprinella spiloptera				S4	Common	Widespread
White Sucker	Catostomus commersoni				S5	Abundant	Throughout
Powell Drain	<u>n</u>						
Location	Blackwater Road			Site Code	ST25	Sample D	Date 21/10/2014
UTM x: 479200	UTM y: 4765276						
Blacknose Dace	Rhinichthys atratulus				S5		Throughout
Bluegill	Lepomis macrochirus				S5	Uncommon	Widespread
Bluntnose Minnow	Pimephales notatus				S5		Throughout
Central Stoneroller	Campostoma anomalum				S4		Throughout
Common Shiner	Luxilus cornutus				S5	Abundant	Throughout
Creek Chub	Semotilus atromaculatus				S5	Abundant	Throughout
Golden Shiner	Notemigonus crysoleucas				S5	Uncommon	Widespread
Johnny Darter	Etheostoma nigrum				S5	Abundant	Throughout
Largemouth Bass	Micropterus salmoides				S5	Common	Throughout
Pumpkinseed	Lepomis gibbosus				S5	Common	Throughout
Rosyface Shiner	Notropis rubellus				S4	Common	Throughout
Spotfin Shiner	Cyprinella spiloptera				S4	Common	Widespread
Striped Shiner	Luxilus chrysocephalus				S4	Common	Throughout

Federal Provincial Scientific Name COSEWIC SARA **ESA 2007** Species (Common Name) SRank Abundance Distribution White Sucker Catostomus commersoni **S**5 Abundant Throughout **Powell Drain** Location Downstream of Grenfell Drive Site Code ST22 Sample Date 15/01/2009 UTM v: 4765059 UTM x: 479355 Throughout Bluntnose Minnow Pimephales notatus S5 Abundant Throughout Central Stoneroller Campostoma anomalum S4 Abundant Common Shiner Luxilus cornutus S5 Abundant Throughout Creek Chub Semotilus atromaculatus S5 Abundant Throughout Throughout Northern Pike Esox lucius S5 Uncommon Rosyface Shiner S4 Common Throughout Notropis rubellus Spotfin Shiner Cyprinella spiloptera S4 Common Widespread Striped Shiner S4 Common Throughout Luxilus chrysocephalus White Sucker Catostomus commersoni S₅ Abundant Throughout Sample Date 13/08/2014 Location Downstream of Grenfell Drive Site Code ST22 UTM x: 479355 UTM y: 4765059 Blacknose Dace Abundant Throughout Rhinichthys atratulus **S5** Bluntnose Minnow Pimephales notatus S5 Abundant Throughout Central Stoneroller S4 Abundant Throughout Campostoma anomalum Common Shiner Luxilus cornutus S₅ Abundant Throughout Creek Chub Semotilus atromaculatus S5 Abundant Throughout Fantail Darter Etheostoma flabellare S4 Abundant Throughout **Fathead Minnow** Pimephales promelas S5 Common Throughout Greenside Darter Etheostoma blennioides S4 Abundant Throughout Johnny Darter Etheostoma nigrum S5 Abundant Throughout S5 Common Throughout Largemouth Bass Micropterus salmoides Mimic Shiner Notropis volucellus S₅ Common Throughout Pumpkinseed Lepomis gibbosus **S**5 Common Throughout Rainbow Darter Etheostoma caeruleum S4 Uncommon Throughout Rock Bass S5 Abundant Throughout Ambloplites rupestris Rosyface Shiner S4 Throughout Notropis rubellus Common S5 White Sucker Throughout Catostomus commersoni Abundant Foran Gough Drain Location Grenfell Cr. Site Code ST23 Sample Date 03/11/2010 UTM x: 479366 4765546 UTM y: Blacknose Dace Rhinichthys atratulus S5 Abundant Throughout Central Stoneroller Throughout Campostoma anomalum **S4** Abundant Common Shiner S5 Abundant Throughout Luxilus cornutus Creek Chub Semotilus atromaculatus S5 Abundant Throughout **Fathead Minnow** S5 Throughout Pimephales promelas Common Goldfish Carassius auratus SNA Uncommon Localized Striped Shiner Luxilus chrysocephalus **S4** Common Throughout White Sucker S5 Abundant Throughout Catostomus commersoni

ST23

S5

Site Code

19/05/2011

Throughout

Sample Date

Abundant

Grenfell Cr.

UTM y:

4765546

Semotilus atromaculatus

Location

Creek Chub

UTM x: 479366

Species at Risk (SAR) Status

Thames Status

		Fed	leral	P	rovincial		
Species (Common Na	ime) Scientific Name	COSEWIC	SARA	ESA 2007	SRank	Abundance	Distribution
Location Gre	nfell Cr.			Site Code	ST23	Sample I	Date 21/10/2014
UTM x: 479366	UTM y: 4765546						
Bluntnose Minnow	Pimephales notatus				S5	Abundant	Throughout
Central Stoneroller	Campostoma anomalum				S4	Abundant	Throughout
Common Shiner	Luxilus cornutus				S5	Abundant	Throughout
Creek Chub	Semotilus atromaculatus				S5	Abundant	Throughout
Largemouth Bass	Micropterus salmoides				S5	Common	Throughout
Pumpkinseed	Lepomis gibbosus				S5	Common	Throughout
Spotfin Shiner	Cyprinella spiloptera				S4	Common	Widespread
Striped Shiner	Luxilus chrysocephalus				S4	Common	Throughout
White Sucker	Catostomus commersoni				S5	Abundant	Throughout

Federal

Provincial

Species (Common Name) Scientific Name

COSEWIC

SARA

ESA 2007

SRank Abundance

Distribution

COSEWIC Status: The Committee on the Status of Endangered Wildlife in Canada (COSEWIC) assesses species for their consideration for legal protection and recovery (or management) under the Species at Risk Act (SARA).

Extinct: A wildlife species that no longer exists.

Extirpated: A wildlife species no longer existing in the wild in Canada, but exists elsewhere.

Endangered: A wildlife species facing imminent extirpation or extinction.

Threatened: A wildlife species likely to become endangered if limiting factors are not reversed.

Special Concern: A wildlife species that may become a threatened or an endangered species because of a combination of biological characteristics and identified threats.

Not at Risk: A wildlife species that has been evaluated and found to be not at risk of extinction given the current circumstances.

Data Deficient: A category that applies when the available information is insufficient (a) to resolve a wildlife species' eligibility for assessment or (b) to permit an assessment of the wildlife species' risk of extinction.

Reference: www.cosewic.gc.ca (current to November 2011)

SARA Status: The federal at risk designation for species under the Species at Risk Act (SARA)

Reference: www.sararegistry.gc.ca (current to December 2011)

ESA 2007 / SARO Status: Species at Risk in Ontario (SARO) are designated by the Ontario Ministry of Natural Resources (OMNR) in accordance with the provincial Endangered Species Act (ESA) through the Committee on the Status of Species at Risk in Ontario (COSSARO).

Extirpated: A native species that no longer exists in the wild in Ontario but still occurs elsewhere.

Endangered: A native species facing imminent extinction or extirpation in Ontario.

Threatened: A native species that is at risk of becoming endangered in Ontario.

Special Concern: A native species that is sensitive to human activities or natural events which may cause it to become endangered or threatened.

Reference: www.ontario.ca/speciesatrisk (current to January 2012)

Provincial Rank (SRANK): Provincial (or Subnational) ranks are used by the Natural Heritage Information Centre (NHIC) to set protection priorities for rare species and natural communities. These ranks are assigned to consider only those factors within the political boundaries of Ontario.

SX Presumed Extirpated: Species or community is believed to be extirpated from the nation or state/province. Not located despite intensive searches of historical sites and other appropriate habitat, and virtually no likelihood that it will be rediscovered.

SH Possibly Extirpated (Historical): Species or community occurred historically in the nation or state/province, and there is some possibility that it may be rediscovered. Its presence may not have been verified in the past 20-40 years. A species or community could become NH or SH without such a 20-40 year delay if the only known occurrences in a nation or state/province were destroyed or if it had been extensively and unsuccessfully looked for. The NH or SH rank is reserved for species or communities for which some effort has been made to relocate occurrences, rather than simply using this status for all elements not known from verified extant occurrences.

S1 Critically Imperiled: Critically imperiled in the nation or state/province because of extreme rarity (often 5 or fewer occurrences) or because of some factor(s) such as very steep declines making it especially vulnerable to extirpation from the state/province.

S2 Imperiled: Imperiled in the nation or state/province because of rarity due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors making it very vulnerable to extirpation from the nation or state/province.

S3 Vulnerable: Vulnerable in the nation or state/province due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors making it vulnerable to extirpation.

S4 Apparently Secure: Uncommon but not rare; some cause for long-term concern due to declines or other factors.

S5 Secure: Common, widespread, and abundant in the nation or state/province.

SNR Unranked: Nation or state/province conservation status not yet assessed.

SU Unrankable: Currently unrankable due to lack of information or due to substantially conflicting information about status or trends. SNA Not Applicable: A conservation status rank is not applicable because the species is not a suitable target for conservation activities. S#S# Range Rank: A numeric range rank (e.g., S2S3) is used to indicate any range of uncertainty about the status of the species or

community. Ranges cannot skip more than one rank (e.g., SU is used rather than S1S4).

Reference: http://nhic.mnr.gov.on.ca/MNR/nhic/nhic.cfm (current to March 2012)

Abundance: Refers to the relative abundance of the species found within the waters of the Upper Thames River watershed based on sampling results. Some species may be underrepresented as they are difficult to capture with commonly used sampling methods.

Abundant: Occurred in >25% of the sampling records Common: Occurred in 10-25% of the samples Uncommon: Occurred in <10% of the samples

Distribution: Based on the number of Upper Thames Watershed Report Card subwatersheds in which a species has been recorded.

Throughout: Recorded in >20 subwatersheds Widespread: Recorded in 10-20 subwatersheds Localized: Recorded in <10 subwatersheds

Species at Risk (SAR) Status

Provincial

Thames Status

Federal

Species (Common Name) Scientific Name COSEWIC SARA ESA 2007 SRank Abundance Distribution

Prepared - September-18-18



September 5, 2018

Mark Snowsell, Land Use Regulation Officer Upper Thames River Conservation Authority 1424 Clarke Road London, ON N5V 5B9

Sent via Email: snowsellm@thamesriver.on.ca

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study

Fanshawe Park Road East to Sunningdale Road East, City of London

Notice of Study Commencement Letter

Dear Mr. Snowsell,

The City of London, with its consultant Parsons Inc., is currently undertaking a Schedule 'C' Municipal Class EA Study for the widening of Adelaide Street North between Fanshawe Park Road East and Sunningdale Road East. These improvements were identified in the City's *Smart Moves Transportation Master Plan* (TMP) completed in 2013. The TMP recommends that Adelaide Street North be widened from two lanes to four lanes to accommodate projected increases in traffic volumes resulting in the road operating over capacity by 2030. This Class EA Study will confirm the findings and recommendations of the TMP and evaluate various alternative solutions and design concepts to address the capacity deficiency.

Natural Environment

A key part of the Municipal Class EA is to consider the impacts to the natural environment. The project team is currently collecting background information pertaining to the study area including desktop reviews for terrestrial and fisheries components and potentially further fieldwork to confirm their findings. We will be referring to the NHIC's online database and mapping system to obtain publicly available information to help us compile background, existing conditions.

The project team would like to request any relevant information you might have including:

- Species at Risk occurrences of concerns in the area (particularly not included in NHIC's public mapping application);
- Locations of significant wildlife habitat, natural areas or features of concern, if known;
- Watercourse classifications;
- Any information you have on the Powell Drain and the Warren Drain;
- Fisheries records (fish and mussels);
- Fisheries management objectives, if any; and,
- In-water work timing windows for construction.

We would appreciate UTRCA's input regarding any specific natural environment concerns that the project team should be aware of or should be addressed during detail design.

Stormwater Management (SWM) / Drainage

This study will also review the SWM and drainage needs for the study area. The project team is seeking confirmation from UTRCA if there are any specific discharge requirements in terms of quantity control and quality measures.

In addition, please provide the following data if available:



Adelaide Street North Municipal Class EA September 2018

Hydrology:

- Stoney Creek Watershed drainage area maps (CAD files if available)
- Hydrologic modeling for the watershed
- Rainfall files used in the hydrologic models
- Hydrologic modelling documentation (reports)

Hydraulics

- Any available HEC-RAS models for the creek crossing located north of Grenfell Drive (Powell Drain)
- Any available floodplain maps (pdf, and or CAD files if available)

Thank you for taking the time to review the study and our information requests, we look forward to hearing back from you concerning UTRCA's comments and concerns and the steps to obtain UTRCA approval for the work related to this study.

If you have additional questions, please contact the undersigned at 519-286-5508 or at <u>tisha.doucette@parsons.com</u>. Sincerely,

Tisha Doucette

Parsons Environmental Lead

Tisha Dhatte

cc: Matthew Davenport, EIT, City of London Project Manager Henry Huotari, P.Eng., Parsons Project Manager



Evraire, Andrew

From:

Sent: Wednesday, August 22, 2018 6:34 AM

To: Chan, Salina

Cc:

Subject: RE: NOTICE OF STUDY COMMENCEMENT – ADELAIDE STREET NORTH WIDENING ENVIRONMENTAL

ASSESSMENT – FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST

Hydro One Station Maintenance has no equipment in the vicinity of Fanshawe Parke Rd East to Sunningdale on Adelaide Street North.

You might want to contact Hydro One Strathroy Area Lines Office for any concerns with regards to Feeders.

Thank You



This email and any attached files are privileged and may contain confidential information intended only for the person or persons named above. Any other distribution, reproduction, copying, disclosure, or other dissemination is strictly prohibited. If you have received this email in error, please notify the sender immediately by reply email and delete the transmission received by you. This statement applies to the initial email as well as any and all copies (replies and/or forwards) of the initial email

From: Chan, Salina [mailto:Salina.Chan@parsons.com]

Sent: Wednesday, August 22, 2018 3:34 AM

To: Chan, Salina

Subject: FW: NOTICE OF STUDY COMMENCEMENT - ADELAIDE STREET NORTH WIDENING ENVIRONMENTAL

ASSESSMENT - FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST

*** Exercise caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. ***

NOTICE OF STUDY COMMENCEMENT

ADELAIDE STREET NORTH WIDENING – FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST
MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT

Please find attached the Notice of Study Commencement for the Municipal Class Environmental Assessment (EA) Study for Adelaide Street North from Fanshawe Park Road East to Sunningdale Road East, and the agency comment form.

The City of London has retained Parsons to undertake a Schedule 'C' Municipal Class EA to assess and confirm the need/justification for widening, and to identify and evaluate a range of alternative solutions for the necessary requirements along this section of Adelaide Street North. Please see the attached notice for specific details about the scope of works. Project information is also available on the City's website:

http://www.london.ca/residents/Environment/EAs/Pages/default.aspx[london.ca]



Matt Davenport, EIT
Engineer in Training
Transportation Planning & Design
City of London

300 Dufferin Ave, P.O. Box 5035, London ON N6A 4L9 P: 519.661.CITY (2489) x5232 | Fax: 519.661.4734 mdavenport@london.ca | www.london.ca[london.ca]

NOTICE: This email message and all attachments transmitted with it may contain privileged and confidential information, and information that is protected by, and proprietary to, Parsons Corporation, and is intended solely for the use of the addressee for the specific purpose set forth in this communication. If the reader of this message is not the intended recipient, you are hereby notified that any reading, dissemination, distribution, copying, or other use of this message or its attachments is strictly prohibited, and you should delete this message and all copies and backups thereof. The recipient may not further distribute or use any of the information contained herein without the express written authorization of the sender. If you have received this message in error, or if you have any questions regarding the use of the proprietary information contained therein, please contact the sender of this message immediately, and the sender will provide you with further instructions.

Evraire, Andrew

From:

Sent: Thursday, August 23, 2018 8:28 AM

To: henry.huotari@parsons.com; Davenport, Matthew <mdavenport@london.ca>

Subject: Imperial Oil pipeline in vicinity of Adelaide St N

Good Morning

Thank you for sending your proposed works. Imperial Oil has reviewed and confirm we do have a pipeline in the vicinity of this project.

Attached is a Google Earth snippet of the area. The blue line shows the approx. location of our pipeline.

Please keep us informed of this project.





ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

Name:	
Title:	
Agency:	
Address:	
Phone:	
Fax:	
E-Mail:	
Commen	ts:

Please indicate the appropriate response:

- ☐ I would like to be kept informed of the project.
- ☐ Please remove me from the project mailing list.

Please return this form to the contact below using any of the methods listed:

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com







ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

Name:	
Title:	
Agency:	London Hydro
Address:	
Phone:	
Fax:	
E-Mail:	
Comments:	I will be the London Hydro contact for this project. Please send any information requests and updates to my email.

Please indicate the appropriate response:

- I would like to be kept informed of the project.
- ☐ Please remove me from the project mailing list.

Please return this form to the contact below using any of the methods listed:

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com





ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

Name:	
Title:	
Agency:	Zayo
Address:	
Phone:	
Fax:	
E-Mail:	
Comments:	Zayo has no existing plant in the area indicated in your submission. No markup and no objection. Thank you.

Please indicate the appropriate response:

- I would like to be kept informed of the project.
- ☐ Please remove me from the project mailing list.

Please return this form to the contact below using any of the methods listed:

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com



ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study

Name:	Telecon on behalf of Telus					
Title:						
Agency:						
Address:						
Phone:						
Fax:						
E-Mail:						
Comments:	TELUS has no infrastructure in the area of your proposed work. Permit expires six(6) months from approval date.					
Please indicate the appropriate response:						
I would like to be kept informed of the project.Please remove me from the project mailing list.						
Please return this form to the contact below using any of the methods listed:						

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com

Public Information Centre #1
Summary Report



Adelaide Street North Municipal Class Environmental Assessment (EA)

Public Information Centre No. 1 Summary Report

prepared for: The City of London 300 Dufferin Avenue London, ON N6A 4L9

prepared by:

PARSONS

1069 Wellington Road South, Suite 214 London, ON N6E 2H6

December 2018



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List of Appendices

Appendix A - PIC Notification Materials

Appendix B - Display Materials

Appendix C - Submitted Comments



1. INTRODUCTION

The City of London held its first Public Information Centre (PIC) for the Adelaide Street North Municipal Class Environmental Assessment on November 14th, 2018, from 5:00 p.m. to 7:00 p.m. at the Stoney Creek Public Library. The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East, as well as Sunningdale Road East from Blackwater Road to the Stoney Creek Community Centre entrance.

The PIC followed an "Open House" format with relevant study information on display. Members of the Project Team were available to address any questions or concerns. Attendees were encouraged to view the display boards and engage in discussion with Project Team staff.

This first PIC was held to present and obtain feedback on the Municipal Class EA planning process being followed; the study background, existing conditions, and key issues and constraints; and, the alternative solutions and evaluation of the alternatives. The comments received from the PIC will assist the Project Team in refining the project going forward and in developing appropriate alternative design concepts for the corridor.

2. NOTIFICATION

The Municipal Class EA requires that notification be given to the public of upcoming PICs. The following steps were taken to notify the public and interested stakeholders:

- Publications
 - o The Londoner on November 1st and 8th, 2018
- Direct, via Email
 - o Technical Agencies / Local Interest Groups / Utilities
 - Local residents, property owners (whose emails were added to the contact list)
 - o Indigenous communities
- Mail
 - o Local residents, property owners, and businesses
 - o Indigenous communities
- Phone
 - o Phone call to follow up with Indigenous communities

The notification materials for PIC No. 1 can be found in Appendix A.

3. DISPLAYS AND DISTRIBUTED MATERIALS

Display boards were used at PIC No. 1 to present the following information:

- Welcome
- Study Overview and Purpose
- Study Area & Background
- Existing Traffic Conditions
- Future Traffic Conditions
- Problem/Opportunity Statement
- Existing Conditions: Drainage and SWM (x2)

- Existing Conditions: Cultural/Socio-Economic
- Existing Conditions: Ecological
- Alternative Solutions
- Evaluation Criteria
- Evaluation of Alternative Solutions
- Next Steps

The displayed materials are provided in Appendix B.

4. ATTENDANCE AND SUMMARY OF COMMENTS

Those attending the PIC were asked to sign in and provide their contact information if they wished. Attendance at PIC No. 1 included 55 individuals based on the sign in sheet provided.

Attendees were encouraged to provide feedback on the study and the information display boards on the comment forms that were available at the PIC. A summary of notes from discussions between attendees and project staff, as well as all comments received during and following the PIC (up until December 5th, 2018) are provided in Table 1. The comments, and our responses, are also included in **Appendix C**.

Table 1 - Public Information Centre No. 1 Comment Summary

Topic	Comment Summary
Widening	Widening is needed.
	Improvements are overdue and needed in the short term.
Traffic	A roundabout at Adelaide / Sunningdale is not a good idea due to residential expansion, businesses and library entrance.
	 A roundabout at Adelaide / Sunningdale is a good idea as it will improve traffic flows. Significant volume of cars in the NB left turn lane just south of Sunningdale on Adelaide (to Tim Hortons), often extending back to the taper and sometimes obstructing through traffic.
	 Signals are needed at the Adelaide / Blackwater intersection. Traffic will worsen at the Adelaide / Blackwater intersection due to new development in the area.
	 in the area. Signal improvements needed at the Adelaide / Phillbrook intersection, such as advanced green for NB left turns.
	 Improve traffic at the access into the Home Depot / Sobeys plaza. Currently difficult to make a left turn NB.
	Concerns about construction-related traffic impacts at Adelaide / Fanshawe, as there was recently construction that resulted in significant traffic delays.
Drainage	Major improvements needed to Powell Drain, particularly the underpass under Adelaide Street.
	 Some wildlife road mortality near this location observed (geese, beaver). Basement flooding issues in Stoney Creek Meadows.
	 Drainage ditch along south side of Sunningdale has significant water levels and widening would increase water flow along this ditch.
Safety	Concerns for pedestrian safety at Phillbrook / Grenfell intersection, as well as the entrance to Sobey's plaza.
	Concerns about pedestrian safety and education at the roundabouts.
	 Cars traveling south on Adelaide, north of Sunningdale, speed through the intersection and there have been bad accidents at that intersection.
Cycling	Possibility for a bike path south of the Powell Drain.
Natural Environment	Would like to see the removal of phragmites and proper management strategies to minimize their spread.
Noise	 Sound barriers are needed. Many residents in favour of a noise wall, though some concerns related to noise at night for those with second storey bedrooms and windows facing Adelaide.
Study Area	The study area should be extended to the city's north limits.
Property	Concerns that widening will impact/encroach upon their property.

	Concerns that there is not sufficient property to accommodate for widening.			
Construction	When will construction occur?			

5. CONCLUSION

The first PIC assisted the Project Team with gathering feedback from attendees and the public regarding existing study conditions and comments on the alternative solutions. A variety of issues and topics were brought forward, though there were several clear trends that emerged from the comments, such as:

- 1. Agreement that there is a need to improve capacity on Adelaide Street North.
- 2. Split opinions on the best intersection control method (i.e. either roundabout or traffic signal) at Adelaide / Sunningdale. Issues raised include traffic flow, access, and pedestrian/cyclist safety.
- 3. Traffic signals are needed at Adelaide / Blackwater intersection.
- 4. Signal improvements needed at Adelaide / Phillbrook as well as general concerns to pedestrian safety at the intersection and at the plaza entrance nearby.
- 5. Noise barriers are needed to mitigate increase in traffic volume.
- 6. Concerns on whether the widening will encroach on private property.

The Project Team will consider the comments and incorporate them into the recommendations of the study as appropriate.



PIC Notification Materials





Adelaide Street North Municipal Class Environmental Assessment Study

Notice of Public Information Centre No. 1

The City of London is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance. This project is being carried out under the planning and design process for a Schedule C project as outlined in the Municipal Engineers Association's *Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 and 2015)*.

Public consultation is a key element of the EA planning process, and the first Public Information Centre (PIC) to share study details with the public is scheduled for:

Date: Wednesday, November 14, 2018

Time: 5:00 pm - 7:00 pm

Location: London Public Library, Stoney Creek Branch

920 Sunningdale Road East London, ON, N5X 0H5

For those taking London Transit, Route 38 will pass by the PIC location.

The PIC will be held as a drop-in format, where attendees can freely browse the display boards, which will be used to present and obtain feedback on:

- The Municipal Class Environmental Assessment process being followed;
- The study background and existing conditions of the study area; and,
- The Alternative solutions, evaluation criteria and opportunities.

Following the PIC, in consideration of the comments received from the PIC, the project team will select the preferred solution. Afterwards, alternative design concepts will be developed and presented at a second PIC to be held in the spring 2019.

For more information, to provide comments, or to be added to the mailing list, please visit http://www.london.ca/residents/environment/EAs/Pages/default.aspx or contact:

Henry Huotari, Project Manager Parsons Inc.

1069 Wellington Road South, Suite 214 London, ON N6E 2H6

Tel: 519-286-5517

Email: henry.huotari@parsons.com

Matthew Davenport, Project Manager City of London

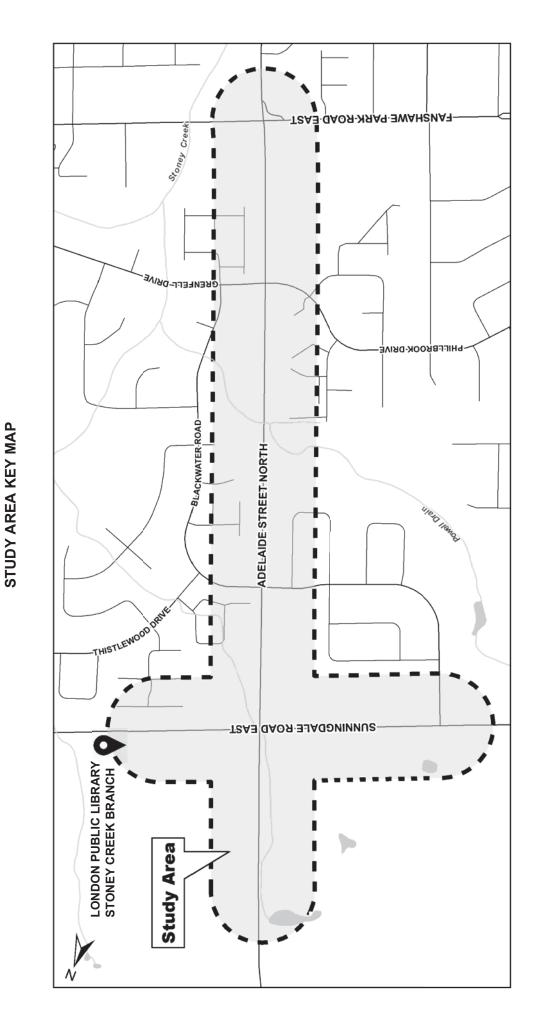
300 Dufferin Avenue, 8th Floor, P.O Box 5035 London, Ontario, N6A 4L9

Tel: 519-661-2489 x5232

Email: mdavenport@london.ca

Information collected for the study will be used in accordance with the Municipal Freedom of Information and Protection of Privacy Act. Except for personal information, including your name, address and property location, all comments received throughout the study will become part of the public record and included in project documentation.

ADELAIDE STREET NORTH MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT



Chan, Salina

From: Chan, Salina

Sent: Thursday, November 01, 2018 5:52 PM

To: 'Chan, Salina'

Cc: Huotari, Henry; Doucette, Tisha; 'Davenport, Matthew'; 'agiesen@london.ca'

Subject: Adelaide Street North Municipal Class EA - Notice of Public Information Centre No. 1

Attachments: Final Notice of PIC1.pdf

Bcc: 'karla.barboza@ontario.ca'; 'laura.e.hatcher@ontario.ca'; 'Jodie.Lucente@ontario.ca';

'drew.crinklaw@ontario.ca'; 'Cerniavskaja, Karina (MNRF)'; 'craig.newton@ontario.ca'; 'kburns@londontransit.ca'; 'Hlysynsk@london.ca'; 'jbunn@london.ca'; 'jbunn@london.ca';

'jbunn@london.ca'; 'jmartin@london.ca'; 'snowsellm@thamesriver.on.ca'; 'harringtonc@thamesriver.on.ca'; 'bell.moc@telecon.ca'; 'sally.kuipers@bell.ca';

'pucc.circulations.gt@bell.ca'; 'jeff.soetemans@execulink.com'; 'patels@londonhydro.com';

'azocco@uniongas.com'; 'jim.walker@hydroone.com'; 'Brenda.robinson@esso.ca'; 'hallie.maccuaig@esso.ca'; 'questions@imperialon.ca'; 'Jin.Choe@telus.com';

'telusutilitymarkups@Telecon.ca'; 'gavin.meaker@rci.rogers.com'; 'jrae@rci.rogers.com';

'ahleam.halbouni@rci.rogers.com'; 'Jerry.Lacount@rci.rogers.com'; 'Utility.Circulations@zayo.com';

'olthoff@start.ca'

Dear Sir / Madam,

The City of London is hosting its 1st Public Information Centre (PIC) for the Adelaide Street North Municipal Class Environmental Assessment (EA). The purpose of this PIC will be to present and obtain feedback on the Municipal Class EA process, the study background and existing conditions, and the alternative solutions.

The details of the PIC are provided below – a formal notice is also attached with additional information. Technical agencies are invited to attend the PIC from 4:00 pm - 5:00 pm, before the meeting is opened to the public, to discuss this study with the project team.

Date: Wednesday, November 14, 2018

Time: 5:00 pm - 7:00 pm (public), 4:00 pm - 5:00 pm (technical agencies only)

Location: London Public Library, Stoney Creek Branch

920 Sunningdale Road East, London, ON N5X 0H5

Please feel free to contact the project team members listed on the attached Notice for further information on this project.

Look forward to seeing you there,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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Chan, Salina

From: Chan, Salina

Sent: Monday, November 05, 2018 11:14 AM

To: Chan, Salina

Cc: Davenport, Matthew; Huotari, Henry; Doucette, Tisha; Giesen, Andrew Subject: Adelaide Street North Municipal Class EA - Public Information Centre No. 1

Attachments: Final Notice of PIC1.pdf

Dear Sir / Madam,

Thank you for having expressed your interest in the Adelaide Street North Municipal Class Environmental Assessment (EA). You are receiving this email because you have provided the project team an email address at which you wish to be contacted, though you may have also received a hard copy of the notice via regular mail.

The City of London is hosting its 1st Public Information Centre (PIC) for this project for which the purpose will be to present and obtain feedback on the Municipal Class EA process, the study background and existing conditions, and the alternative solutions.

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Time: 5:00 pm - 7:00 pm

Location: London Public Library, Stoney Creek Branch

920 Sunningdale Road East, London, ON N5X 0H5

This will be an opportunity to learn more about the project and to speak to the project team members about your questions and concerns. Please feel free to contact the project team members listed on the attached Notice for further information on this project.

Look forward to seeing you there,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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Display Materials

Adelaide Street North Municipal Class Environmental Assessment





Wednesday November 14, 2018, 5:00 pm - 7:00 pm

London City of London

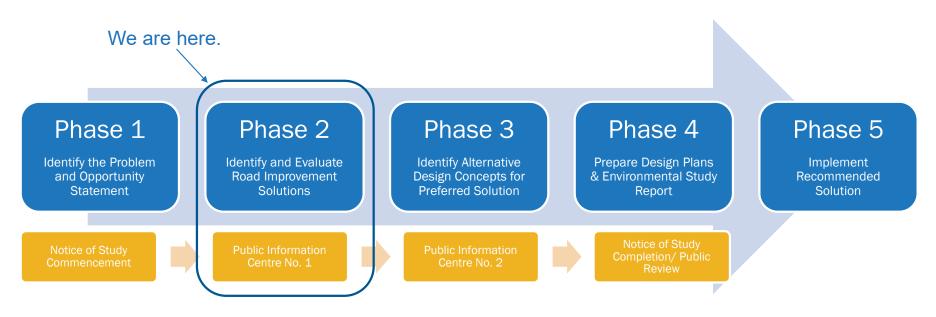
Welcome!

- Welcome to the first Public Information Centre for the Adelaide Street North Municipal Class Environmental Assessment.
- Representatives from the City of London and the consulting team are here to answer questions as you browse the panels.
- We encourage you to complete a comment sheet before leaving!



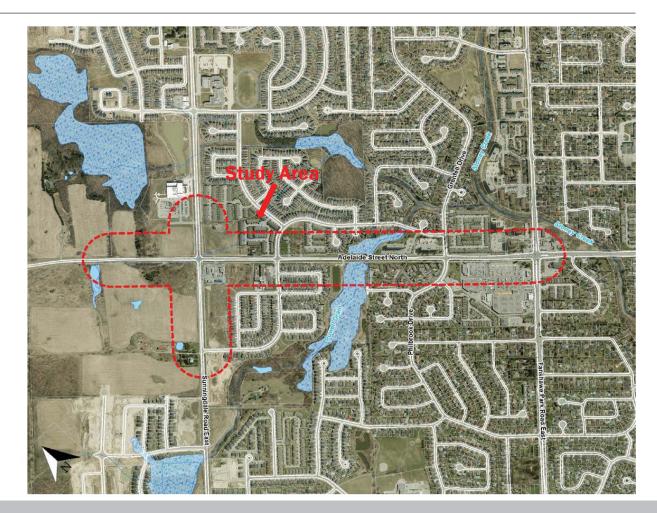
Study Overview and Purpose

- This EA will investigate the existing conditions of Adelaide Street North and identify, evaluate, and determine improvements required to address the anticipated growth projected in the northern part of the City of London.
- Also included in this EA will be a review of the recommendations for the Sunningdale Road East intersection as previously evaluated in the Sunningdale Road Improvements Municipal Class EA (AECOM, 2013).
- This study will follow the requirements of the Municipal Class Environmental Assessment (EA) process for a Schedule 'C' project. The phases of the Municipal Class EA are shown below:



Study Area & Background

- The study area includes Adelaide Street North from Fanshawe Park Road East to 350 m north of Sunningdale Road East.
- The study area also includes Sunningdale Road East from Blackwater Road to the Stoney Creek Community Centre entrance.
- The City of London's 2030 Smart Moves
 Transportation Master Plan (TMP) has
 recommended widening of this section of
 Adelaide Street North from two to four
 lanes.
- Future subdivision developments are planned north of Sunningdale Road East.
- Existing cycling facilities on Adelaide Street North and proposed bike lane on Sunningdale Road East.



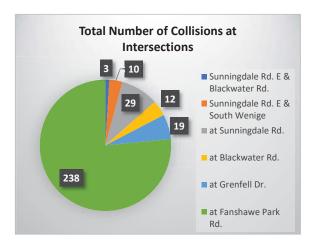
Existing Traffic Conditions

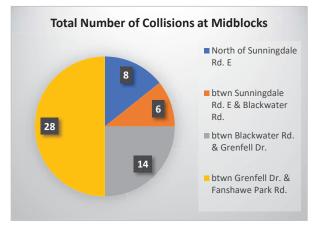
Adelaide Street North is a north-south arterial road with a 2-lane urban cross-section. Between Fanshawe Park Road East and Sunningdale Road East the speed limit is 60 km/h, while the section north of Sunningdale Road East is 80 km/h.

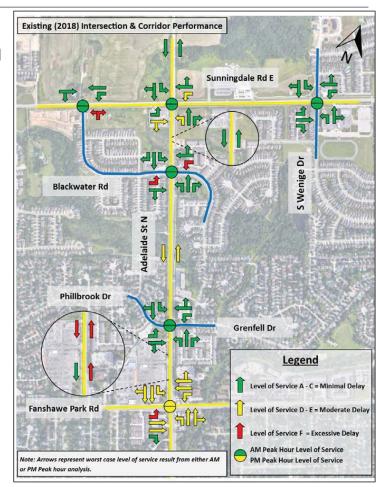
A traffic analysis identified **existing capacity deficiencies** within the corridor and at the intersection of Fanshawe Park Road East and Adelaide Street North.

Collision Analysis (2010 to 2017) - One intersection within the study area experiences higher than average collision frequency:

Fanshawe Park Road East and Adelaide Street North (approximately 33 collisions per year)





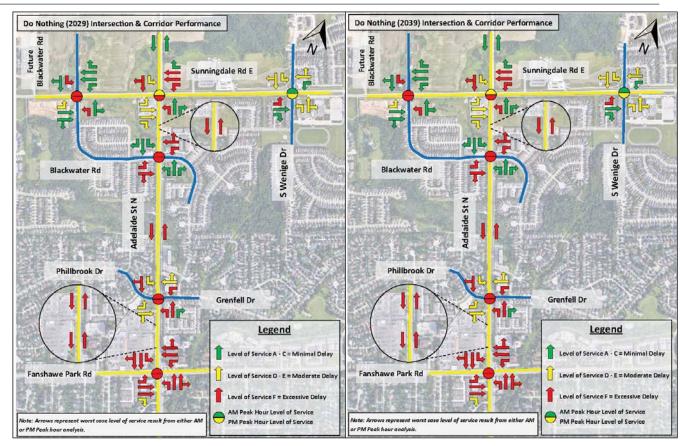


Future (2029 & 2039) Traffic Conditions – Do Nothing (Without Improvements)

There are several proposed developments along the Adelaide Street North corridor, immediately north and south of Sunningdale Road East.

Traffic analysis completed for future 'Do Nothing' traffic conditions indicated capacity deficiencies throughout the corridor.

There is a need for operational / intersection improvements including additional lanes along Adelaide Street North to improve traffic flows and safety within the study corridor.



Problem / Opportunity Statement

Based on the recommendations of the City of London's Smart Moves Transportation Master Plan, and confirmed through a corridor traffic analysis undertaken as part of the study, Adelaide Street North, from Fanshawe Park Road East to Sunningdale Road East, has been identified as requiring additional north-south traffic capacity to address future traffic operational deficiencies.

In addition to addressing traffic capacity requirements, there is also an opportunity to improve the roadway to meet the City's Complete Streets standards which includes incorporating transit, active transportation, and safety initiatives.



Drainage

The study area is located within the Stoney Creek Subwatershed Area.

Powell Drain is the main watercourse in the study area.

Existing hydrological conditions consist mainly of the watercourse of Powell Drain, associated wetland area and swales.

There is one existing culvert along Adelaide Street North within the project limits:

1. Powell Drain culvert under Adelaide Street North is located approximately 700 m north of Fanshawe Park Road East, where the roadway is often overtopped.



Stormwater Management (SWM) Measures

- Quantity Control
 - The existing wetland area provides erosion and flood control storage for surrounding residential areas, while the culvert itself controls outflow and water levels in the upstream wetland.
 - The SWM pond west of Adelaide Street North (S-058) provides storage for minor storm events only without overflowing at the spillway.
- Quality Control
 - Two (2) SWM facilities nearby the wetland: one SWM pond (S-058) to the north and one bioretention filter to the south.
- The swales, SWM pond, and bioretention filter all control runoff flowing towards the wetland.

Drainage Concern

The design of the culvert beneath Adelaide Street North includes a control structure that often becomes blocked resulting in higher water levels in the wetland.



Cultural

A Stage 1 Archaeological Assessment (AA) and property inspection was completed, which determined the entire study area has been previously disturbed through road construction and utility installations, and consequently no archaeological potential exists and no further AAs will be recommended.

A Cultural Heritage Assessment Report (CHAR) was completed, which identified one cultural resource: the heritage designated property at 660 Sunningdale Road East. However, the heritage designating by-law applies only to the red clay tile barns located on the property, which are neither adjacent to the project nor at potential risk from the proposed work.

Thus no cultural impacts are expected as a result of this project.

Socio-Economic

The land use in the study area is primarily residential uses, with some institutional and commercial. North of Sunningdale Road East is primarily agricultural uses, though this area has been zoned 'residential' and there are current plans for subdivision development.

The City of London's Official Plan designates the land types adjacent to Adelaide Street North as Neighbourhood (Low / Medium Density) with Shopping Areas at key intersections (Fanshawe Park Road East and Sunningdale Road East). The land adjacent to Powell Drain is Open Space.

A noise assessment will be completed in Phase 3 once a preferred alignment is determined.







Ecological

- While the study area is primarily urban development, there are some natural environment features including wetlands, meadows, thickets and hedgerows.
- The dominant natural feature in the study area is the Powell Drain, which flows west to east beneath Adelaide Street North and drains to Stoney Creek, approximately 300 m northeast of the intersection of Adelaide Street North and Fanshawe Park Road East.
- A provincially significant wetland (Arva Moraine Wetland Complex) surrounds the Powell Drain on both sides of Adelaide Street North. The Powell Drain corridor includes Significant Valleylands.
- Parsons will complete a thorough ecological inventory and tree inventory to establish the site's existing conditions and allow for accurate assessment of potential impacts and identify appropriate mitigation measures.
- Phragmites and any other invasive species will be identified and mapped to provide baseline data for an Invasive Species Management Plan.









Alternative Solutions

The following alternative planning solutions were selected to address the issues for Adelaide Street North. Each solution was comparatively evaluated against evaluation criteria and according to how well they address the problem / opportunity statement.



Do Nothing

Maintain existing roadway network and provide no changes to Adelaide Street North (*This* alternative will form a baseline for comparison of alternative solutions).



<u>Limit Development</u>

Restrict development in the surrounding area to projects already underway in order to limit growth.



<u>Incorporate Travel Demand</u> <u>Management (TDM) Measures</u>

Introduce TDM measures to reduce or redistribute the travel demand (e.g. carpooling, workplace changes, pricing, etc.)



Improve Alternative Routes

Undertake improvements (capacity or operational) on adjacent roads where justified (e.g. Highbury Avenue, Richmond Street).



Operational / Intersection Improvements

Improve existing intersection operations and undertake roadway geometric improvements (roundabouts, traffic signals, through lanes, turn lanes, etc.).



Provide Additional Lanes

Widen Adelaide Street North with additional lanes to increase traffic capacity and accommodate future growth.



Accommodate Other Travel Modes

Improve existing facilities to encourage active transportation (walking, cycling, etc.) and improve Adelaide Street North/Sunningdale Road East to accommodate existing transit services.

Evaluation Criteria



In evaluating the options to improve the Adelaide Street North corridor and Sunningdale Road East intersection, consideration is being given to the technical requirements of the City, as well as impacts on the area's natural, cultural, social and economic environments.

Environmental Factor Groups							
Transportation / Technical	Cultural	Socio-Economic	Natural	Cost			
 Compatibility with Proposed Development Projects Traffic Operations / Performance Active Transportation Transit Services Stormwater / Drainage 	 Archaeological Resources Cultural and Built Heritage Indigenous / First Nations Communities 	 Property Construction Disruption Noise Compatibility with adjacent residents and businesses (existing) Traffic and Access Impacts Planning Policies and Objectives 	 Aquatic Species / Watercourses Wildlife and Wildlife Habitat Species at Risk (SAR) Locally Designated Areas Vegetation Air Quality Surface Water Ground Water 	 Capital Cost Property Cost Utilities Operation and Maintenance Cost 			

Have we missed anything? Tell us what's important to you in the comment sheet!

Evaluation of Alternative Solutions

ALTERNATIVE		Evaluation Factors					Preliminary
		Transportation	Cultural	Socio-Economic	Natural	Cost	Recommendation
1	Do Nothing	Does not address the transportation needs of the area.	No impacts to the cultural environment.	Inconsistent with the City's plans and policies. No other socio-economic impacts.	No impacts to the natural environment.	No capital costs.	Do not carry forward.
2	Limit Development Growth	Does not address the transportation needs of the area.	No impacts to the cultural environment.	Inconsistent with the City's plans and policies. No other socio-economic impacts.	No impacts to the natural environment.	No capital costs.	Do not carry forward.
3	Incorporate Travel Demand Management (TDM) Measures	Partially addresses the transportation needs of the area.	No impacts to the cultural environment.	Consistent with the City's plans and policies with potential for other socio-economic impacts.	Potential impacts to the natural environment.	Low to moderate capital costs.	Carry forward in combination with other alternatives.
4	Improve Alternative Routes	Does not address the transportation needs of the area.	No impacts to the cultural environment.	Inconsistent with the City's plans and policies and potential for other socio-economic impacts.	Potential impacts to the natural environment.	Significant capital costs.	Do not carry forward.
5	Operational / Intersection Improvements	Partially addresses the transportation needs of the area.	No impacts to the cultural environment.	Consistent with the City's plans and policies with potential for other socio-economic impacts.	Potential impacts to the natural environment.	Moderate to significant capital costs.	Carry forward in combination with other alternatives.
6	Provide Additional Lanes	Partially addresses the transportation needs of the area.	No impacts to the cultural environment.	Consistent with the City's plans and policies with potential for other socio-economic impacts.	Potential impacts to the natural environment.	Significant capital costs.	Carry forward in combination with other alternatives.
7	Accommodate Other Travel Modes	Partially addresses the transportation needs of the area.	No impacts to the cultural environment.	Consistent with the City's plans and policies with potential for other socio-economic impacts.	Potential impacts to the natural environment.	Moderate to significant capital costs.	Carry forward in combination with other alternatives.

The recommended Alternative Solutions will be confirmed following consideration of your comments after the PIC.

Next Steps

- Review comments received at the PIC
- > Complete the existing conditions inventory for the study area
- Confirm the preferred Alternative Solution(s)
- > Future design considerations Urban design / Complete Streets, including the Sunningdale Road East intersection
- > Develop and Evaluate Alternative Design Concepts to implement the Recommended Alternative Solution(s)
- ➤ Hold a 2nd PIC in Spring/Summer 2019

We encourage you to complete a comment sheet before leaving or submit your comments via email / mail to one of the following project team members by December 5, 2018:



Henry Huotari, P.Eng.
Project Manager
Parsons Inc.
1069 Wellington Road South, Suite 214
London, ON N6E 2H6
Tel: 519-286-5517

Email: <u>Henry.Huotari@parsons.com</u>

Matthew Davenport, EIT
Project Manager
City of London
300 Dufferin Avenue, 8th Floor, P.O Box 5035
London, Ontario, N6A 4L9

Tel: 519-661-2489 x5232 Email: mdavenport@london.ca



Information collected for the study will be used in accordance with the Municipal Freedom of Information and Protection of Privacy Act. Except for personal information, including your name, address and property location, all comments received throughout the study will become part of the public record and included in project documentation.



Comments Received

Chan, Salina

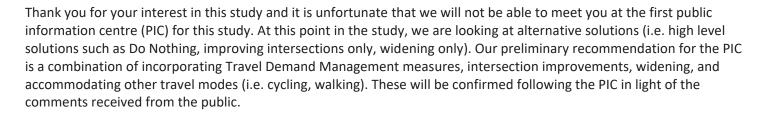
From: Huotari, Henry

Sent: Tuesday, November 06, 2018 11:27 AM

To:

Cc: Chan, Salina; Doucette, Tisha; Davenport, Matthew

Subject: RE: Widening Adelaide Street North



In the next stage of our study, we will be preparing designs that incorporate the recommended alternative solutions, which is when we will have a better idea of what specific areas will look like. The designs will be presented at PIC No. 2, which is anticipated to be held in spring/summer 2019. The project team is aware of the concerns at Blackwater Road, and will be reviewing the traffic and safety needs there. When the design has progressed, we will be completing a Noise Assessment to determine the anticipated noise impacts and the appropriate mitigation measures that may be required, such as noise walls/sound barriers.

Thanks Henry

Henry Huotari, P.Eng. Senior Project Manager

1069 Wellington Road South, Suite 214
London, Ontario N6E 2H6
Henry.Huotari@parsons.com- +1 519 286 5517
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From:

Sent: Sunday, November 04, 2018 9:21 AM

To: Huotari, Henry < Henry. Huotari@parsons.com>

Subject: Widening Adelaide Street North

Hi Henry: We will not be able to attend the public meeting scheduled for November 14. Can you please send a copy of what the area will look like along blackwater road. If the road widening is to occur, we believe sound barriers need to be erected as this will be very noisy for occupants along that stretch.

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From:

Sent: Monday, November 12, 2018 7:57 AM

To: Chan, Salina

Cc:

Subject: RE: Adelaide Street North Municipal Class EA - Public Information Centre No. 1

thanks for the opportunity to provide additional information on November 14th for the proposed developments on Adelaide Street N. to the City Limits. In the process of completing the conditions of Draft Plan approvals for the Lands E and W of Adelaide Street, we have environmental and Hydro G studies together with considerable engineering work that may be of benefit to the E/A process.

To expand the study area to the City Limits, is this something that can be done within the framework of authorizations that you have from the City, or do you need municipal council approval?

----- Original Message -----

From: "Chan, Salina" <Salina.Chan@parsons.com>

Date: November 11, 2018 at 2:30 PM

Thank you for providing your comments on the study, particularly relating to the limits of the study area. The project team has reserved one hour (4:00pm-5:00pm) in advance of the advertised PIC times for discussion with technical agencies. We would like to invite you and your team to attend during this time to discuss your concerns in more detail. The specific details are:

November 14, 2018

4:00 pm – 5:00 pm: To discuss your concerns

5:00 pm – 7:00 pm: PIC is open to the public

Please let us know if you have any questions.

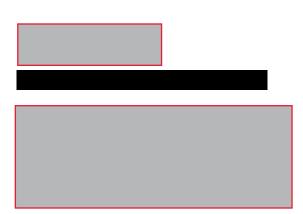
Thank you,
Salina
Sent: Tuesday, November 06, 2018 4:29 PM To: Chan, Salina <salina.chan@parsons.com> Cc: 'Davenport, Matthew' <mdavenport@london.ca>; Huotari, Henry <henry.huotari@parsons.com>; Doucette, Tisha <tisha.doucette@parsons.com>; 'Giesen, Andrew' <agiesen@london.ca> Subject: RE: Adelaide Street North Municipal Class EA - Public Information Centre No. 1</agiesen@london.ca></tisha.doucette@parsons.com></henry.huotari@parsons.com></mdavenport@london.ca></salina.chan@parsons.com>
Dear Salina et al:
I must ask why the area to be studied along Adelaide Street North is only being carried 350m north of Sunnigdale Road East, and not all the way up to the city limit? Highlighted in yellow below are the 2 pieces of lands in question under planning applications 39T-09501 & 39T-11502.
File 39T-09501 will potentially house around 1000+ new homes (single family & multi-family dwellings) + 4 commercial blocks and 39T-11502 will house over 250 new homes (single family + multi-family dwellings). These new developments will have access off of Adelaide Street North via 1: a secondary collector road and 2: a local street intersection. I have attached a sketch that clearly shows 350m north from the centreline of Sunningdale, does not reach either future intersection. Why not carry the study an extra ±360m north to the City limit? Is there a purpose for leaving this small stretch of road out of the study?

and I requested this extra stretch of road be included in the Municipal Class EA back in October 2018. Will there be an opportunity to discuss this at the Nov 14th

meeting?



Regards,



From: Chan, Salina <Salina.Chan@parsons.com>

Sent: November 5, 2018 11:14 AM

To: Chan, Salina <Salina.Chan@parsons.com>

Cc: Davenport, Matthew <mdavenport@london.ca>; Huotari, Henry <Henry.Huotari@parsons.com>;

Doucette, Tisha <Tisha.Doucette@parsons.com>; Giesen, Andrew <agiesen@london.ca> **Subject:** Adelaide Street North Municipal Class EA - Public Information Centre No. 1

Thank you for having expressed your interest in the Adelaide Street North Municipal Class Environmental Assessment (EA). You are receiving this email because you have provided the project team an email address at which you wish to be contacted, though you may have also received a hard copy of the notice via regular mail.

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Date: Wednesday, November 14, 2018

Time: 5:00 pm - 7:00 pm

Location: London Public Library, Stoney Creek Branch

920 Sunningdale Road East, London, ON N5X 0H5

This will be an opportunity to learn more about the project and to speak to the project team members about your questions and concerns. Please feel free to contact the project team members listed on the attached Notice for further information on this project.

Look forward to seeing you there,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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Fax: 905-681-4995



ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study
Public Information Centre No. 1 – Comment Form

	te the appropriate response. You are:	
	dy Area Resident a Study Area Business	□ Other (please specify)
	erest Group Representative	-
	se specify below)	
Name:		
Organization		
/ Business:		
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Please compl	lete this form and either deposit the form int	o the Comment Box provided or by mail
email or fax t	to the contact below using any of the method	s listed:
Salina Chan,	Environmental Assessment Planner	s listed: London ON NOF 2H6
	ess: 1069 Wellington Road South, Suite 214	, London, ON NOL 2110
Email: Salina	.Chan@parsons.com	SEEDURT

Residential grandle is happeny in Will+
many older residents drive. Need to coordinate
better

From: Chan, Salina

Sent: Tuesday, December 18, 2018 4:09 PM

To:

Cc: 'Davenport, Matthew'; 'Giesen, Andrew'; Doucette, Tisha; Huotari, Henry
Subject: Adelaide St N Municipal Class EA - Response to PIC 1 Comment Form



Thank you for your attendance at the recent Public Information Centre and for submitting your comments on the study. In response to your comments, the project team has conducted a traffic analysis, which investigated key intersections such as Adelaide/Sunningdale and Adelaide/Blackwater. Future traffic conditions were determined based on the projected growth in the north. To handle increased congested that will arise from development, Adelaide Street North will require additional capacity; which can be obtained by widening the road.

Thank you,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study
Public Information Centre No. 1 – Comment Form

Please indicat	te the appropriate	e response. You are:			
☐ From a	y Area Resident a Study Area Busin erest Group Repre e specify below)			Other (please spe	cify)
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Organization / Business:	_				
Address:					
Phone:					
E-Mail:					
Comments:	LOOKS L	THE A GOOD	PLAO	N 76 45!	
		_		_	
	-				

Please complete this form and either deposit the form into the Comment Box provided or by mail, email or fax to the contact below using any of the methods listed:

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com

Fax: 905-681-4995





ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study
Public Information Centre No. 1 – Comment Form

Please indica	te the appropriate response. You are:			
☐ From a	dy Area Resident a Study Area Business erest Group Representative se specify below)		Other (please specify)	_
Name:				
Organization / Business:				
Address:				
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Comments:	- Pluse Censider better:	Slig	malijation at A	delaide
	and Philbrock with an	ad	wanced on delayer	d green
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	to accompdate the su	hol	unsia residents	
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Please comp	lete this form and either deposit the form in	nto tl	ne Comment Box provided o	or by mail, Ple

email or fax to the contact below using any of the methods listed:

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com

Fax: 905-681-4995

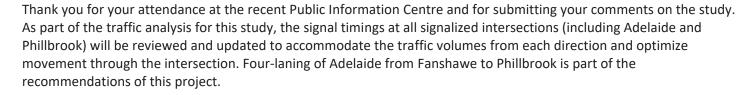
From: Chan, Salina

Sent: Tuesday, December 18, 2018 4:15 PM

To:

Cc: Doucette, Tisha; Huotari, Henry; 'Giesen, Andrew'; 'Davenport, Matthew'

Subject: Adelaide St N Municipal Class EA - Response to PIC 1 Comment Form



Thank you,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study
Public Information Centre No. 1 – Comment Form

Please indica	ate the appropriate response. You are:
☐ From ☐ An Int	dy Area Resident a Study Area Business terest Group Representative se specify below) Other (please specify)
Name:	
Organizatio / Business	
Address:	
Phone:	
E-Mail:	
Comments:	Overall, I think this is a
	wise choice to widen the road.
	However, I am concerned that
	the parking lot at the apartment
	building on 1600 Adolaide St. N may
	be affected.

Please complete this form and either deposit the form into the Comment Box provided or by mail, email or fax to the contact below using any of the methods listed:

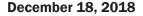
Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com

Fax: 905-681-4995







Subject: Adelaide Street North Municipal Class Environmental Assessment Study
Response to PIC No. 1 Comment Form



Thank you for your attendance at the recent Public Information Centre and for submitting your comments on the study. In the next stage of our study, we will be preparing designs that incorporate the recommended alternative solutions, which is when we will have a better idea of what specific areas will look like. The designs will be presented at PIC No. 2 which is anticipated to be held in spring/summer 2019. The project team is aware of the properties adjacent to Adelaide Street North and will be reviewing the impacts of road widening through the corridor.

Sincerely,

Adelaide Street North Municipal Class EA Project Team





ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study
Public Information Centre No. 1 – Comment Form

Please indica	ate the appropriate response. You are:		
☐ From☐ An Int	dy Area Resident a Study Area Business erest Group Representative se specify below)		Other (please specify)
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_	HOME DEPOT ENTRA	MC	E AT ADELAIDE ST

Please complete this form and either deposit the form into the Comment Box provided or by mail, email or fax to the contact below using any of the methods listed:

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com

Fax: 905-681-4995

From: Chan, Salina

Sent: Tuesday, December 18, 2018 4:20 PM

To:

Cc: 'Giesen, Andrew'; 'Davenport, Matthew'; Doucette, Tisha; Huotari, Henry

Subject: Adelaide St N Municipal Class EA - Response to PIC 1 Comment Form

Hi,

Thank you for your attendance at the recent Public Information Centre and for submitting your comments on the study. As part of the traffic analysis for this study, the signal timings at all signalized intersections (including Adelaide and Phillbrook) will be reviewed and updated to accommodate the traffic volumes from each direction and optimize movement through the intersection. The project team has heard from several attendees the difficulties of access in and out of the Sobeys plaza. Unfortunately, there are few options to improve access beyond a traffic signal, which is not a viable option due to the proximity of the Fanshawe and Phillbrook signals.

Once the preliminary design is confirmed, the project team will complete a noise assessment which will provide recommendations for noise mitigation. While the exact mitigation measures are not known at this time, they may include sound barriers, such as noise walls.

Thank you,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study
Public Information Centre No. 1 – Comment Form

Please indicat	te the appropriate response. You are:		
☐ From a	y Area Resident a Study Area Business erest Group Representative e specify below)		Other (please specify)
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Please complete this form and either deposit the form into the Comment Box provided or by mail, email or fax to the contact below using any of the methods listed:

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com

Fax: 905-681-4995

From: Chan, Salina

Sent: <u>Tuesday, December 18, 2018</u> 4:17 PM

To:

Cc: 'Davenport, Matthew'; 'Giesen, Andrew'; Doucette, Tisha; Huotari, Henry
Subject: Adelaide St N Municipal Class EA - Response to PIC 1 Comment Form



Thank you for your attendance at the recent Public Information Centre and for submitting your comments on the study. The project team conducted a traffic analysis, which included a signal warrant analysis that indicated the Blackwater and Adelaide intersection should be signalized. This forms part of the recommendations of our study. The Adelaide and Sunningdale intersection will be reviewed in light of traffic (all modes not just vehicles), safety, and the context of this location, to determine whether a roundabout should or should not be implemented. The results will be presented at the next PIC along with the proposed preliminary design.

Thank you,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study
Public Information Centre No. 1 – Comment Form

Please indicate	e the appropriate response. You ar	e:	
☐ From a ☐ An Inte	Area Resident Study Area Business rest Group Representative specify below)	□ Ot	ther (please specify)
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Please complete this form and either deposit the form into the Comment Box provided or by mail, email or fax to the contact below using any of the methods listed:

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com

Fax: 905-681-4995





ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study
Public Information Centre No. 1 – Comment Form

Please indica	te the appropriate response. You are:		
☐ From a	dy Area Resident a Study Area Business erest Group Representative se specify below)		Other (please specify)
Name:			
Organization / Business:			
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	4) There need to be	1.	ghts at the Blackwater
	& Adelaide progration	reor	ing more sound havier
Please comp	5) Holdi Frank Frankic May	/	SEVERAL TO A SAN TO THE TANK T

Please complete this form and either deposit the form into the Comment Box provided or by mail, email or fax to the contact below using any of the methods listed:

Salina Chan, Environmental Assessment Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Salina.Chan@parsons.com

Fax: 905-681-4995

From: Chan, Salina

Sent: Tuesday, December 18, 2018 4:05 PM

To:

Cc: 'Davenport, Matthew'; Doucette, Tisha; Huotari, Henry; 'Giesen, Andrew'

Subject: Adelaide St N Class EA - Response to PIC 1 Comment Form



Thank you for your attendance at the recent Public Information Centre and for submitting your comments on the study. In response to your comments, the study team will be taking a look at the drainage patterns and flows for the entire study area corridor as well as specifically the Powell Drain that passes under Adelaide Street.

The project team also conducted a traffic analysis, which included a signal warrant analysis that indicated the Blackwater and Adelaide intersection should be signalized. This is part of the recommendations of our study.

Once the preliminary design is confirmed, the project team will complete a noise assessment which will provide recommendations for noise mitigation. While the exact mitigation measures are not known at this time, they may include sound barriers, such as noise walls.

Thank you,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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From: Chan, Salina

Sent: <u>Tuesday, December 18, 2018</u> 4:29 PM

To:

Cc: Huotari, Henry; Doucette, Tisha; 'Davenport, Matthew'; 'Giesen, Andrew'

Subject: RE: Adelaide Street North Environmental Assessmental Assessment Study



Thank you for your attendance at the recent Public Information Centre and for submitting your comments on the study.

Regarding the concerns with phragmites, the City and project team are aware of the invasive and widespread issue of phragmites. The City has a City-wide phragmites management strategy and you can read up more on that here: https://www.london.ca/residents/Environment/Natural-Environments/Pages/Phragmites-Management.aspx. For this specific project, an Invasive Species Management Plan will be developed to help control, manage, and remove phragmites. Additionally, best management practices will be undertaken during construction so as to mitigate the spread of invasive species such as avoiding contact with construction equipment and abiding by the Clean Equipment Protocol for Industry for dealing with phragmites.

The timing of projects is determined by City Council and the allocation of City budget. However, our study will review the intersection of Adelaide and Sunningdale, as well as the access to and from the community centre/library. The Adelaide and Sunningdale intersection will be reviewed in light of traffic (all modes not just vehicles), safety, and the context of this location, to determine whether a roundabout is an appropriate form of intersection control. The next phase of the study will be to develop design concepts, including whether or not there will be a median, a centre turning lane, pedestrian crossings, etc. These will be presented at the next PIC.

Once the preliminary design is confirmed, the project team will complete a noise assessment which will provide recommendations for noise mitigation. While the exact mitigation measures are not known at this time, they may include sound barriers, such as noise walls.

Thank you,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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From:

Sent: Monday, November 19, 2018 8:43 AM

To: Huotari, Henry < Henry. Huotari@parsons.com>; Davenport, Matthew < mdavenport@london.ca>

Subject: Fw: Adelaide Street North Environmental Assessmental Assessment Study

Dear Sirs,

I attended your public information session on November 14, 2018 at the Stoney Creek Library Branch and spoke with several of those in attendance.

In an effort to remain focused on the environmental issues, my largest concern is the eradication of phragmites. I frequently walk through the Northdale woods where we have two ponds which are part of the Stoney Creek watershed. The phragmites have invaded the area as they have the ditches along Sunningdale Ave and the ponds surrounding the Powell Drain, west of Adelaide St. There was nothing stated in a clear way which addressed the growing problem of these invasive plants and the City's plans to remove them. I would like to see a clear statement by the City and the Province as to how they intend to reduce the threat of these plants to our environment as well as what preventative steps will be taken to insure we have minimized their threat to any new drains being built in this proposed redevelopment.

In addition to what is proposed for the widening of Sunningdale Rd. east of Adelaide, I ask that the City continue the cleaning of ditches and building of drains eastward to South Wenige Drive. This action would then take away the conditions for the phragmites to flourish. As the properties on both sides of Sunningdale Rd beyond the prescribed study area are now fully occupied, I believe it is reasonable for the City to build the road to its potential now. Sunningdale Rd., as you know, is the last east/west road on London's northern border. With school bus traffic, non-local, by passing traffic, in lieu of a ring road which should have been built years ago, and access to the library and community centre, a better and more traffic friendly road is certainly needed now. The change from a stop light at the intersection of Adelaide St. to a round-about will ease the flow of east/west traffic and increase the route's by-passing traffic rather than fighting through the congestion around Masonville Mall area.

As anyone living in the area will tell you, there is a lot of danger in trying to go left onto Adelaide St. and go north from the Sobeys/Home Depot plaza. Without a better design for the new road, we shouldn't expect the access to and from the library/community centre to be any better. Will there be a full median which will cause traffic to go west to the proposed roundabout allowing people to circle the roundabout and then head back east? Will there be a designated left turning lane into the centre? Similarly, the same potential for accidents will occur without better access to the existing gas station property on the southwest corner Sunningdale & Adelaide.

When I previously contacted Doug MacRae of the City, he advised that a traffic signal was expected before long for the corner of Blackwater and Adelaide. As you know, left turns from thoroughfares when the light is green for that traffic direction poses a large possibility for accidents. Roundabouts reduce the risk and if the accident still happens it is at a different angle and slower speed; reducing the risk of serious injury. I wonder, with the new commercial development on the SE corner of Adelaide and Sunningdale, coupled with London's gained experience with roundabouts, if a roundabout wouldn't be the better choice.

After seeing the current plans for the development at the southeast corner and the placement of access driveways, which seem very close to the entry and exit to the currently proposed roundabout, will there be traffic lights or secondary traffic circles to

the east of Adelaide and south of Sunningdale to allow for flow in and out of both the plaza and the library community centre? I'm familiar with a series of roundabouts in Bedford, Nova Scotia where Larry Uteck Rd. at Nine Mile Dr. and then continuing to provide access to HWY 102 and then onward to new subdivision provide safe access to commercial development and by-pass highways. Please consider something similar for this corner.

With all of these considerations and more that I'm not even aware of yet, I ask for a noise barrier wall on the south side of Sunningdale Rd. from the property line of 620 Thistlewood Drive to the corner of South Wenige Drive. It is my opinion that road noise, and our management of it, is part of the environmental assessment. While we need efficient roads in our community, the enjoyment of our homes including our back yards is just as important.

The last points of concern I have relate to the pedestrian and bicycle safety of my neighbourhood. With a high school in the area and the closest fast food restaurants which are major attractions to students at lunch time, being at Adelaide St. and Sunningdale, I am concerned for how pedestrians are supposed to cross what is already a very busy corner. The issue is also foot/bicycle traffic crossing Sunningdale to get to the library/community centre. As you know there is a pedestrian sidewalk entering the new development at the south west corner of Adelaide and Sunningdale from Thistlewood Dr. People being people, will there be a crosswalk installed to prevent j-walking at the development's Sunningdale exit allowing for crossing to the library?

Thank you for giving consideration to all of my concerns. I look forward to seeing you at the meeting in the spring of 2019.



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From: Chan, Salina

Sent: Tuesday, December 18, 2018 4:32 PM

To:

Cc: Doucette, Tisha; Huotari, Henry; 'Giesen, Andrew'; 'Davenport, Matthew'

Subject: RE: Adelaide St. North road widening



Thank you for your interest in this study and it is unfortunate that we were not able to meet you at the first public information centre (PIC). At this point in the study, we are looking at alternative solutions (i.e. high level solutions such as Do Nothing, improving intersections only, widening only). Our preliminary recommendation from the PIC is a combination of incorporating Travel Demand Management measures, intersection improvements, widening, and accommodating other travel modes (i.e. cycling, walking). These are being confirmed in light of the comments received from the public from the PIC.

As part of our traffic study, we are reviewing the recommendation of the traffic circle at Adelaide and Sunningdale, which will consider various factors such as traffic, access, and safety. Our traffic study also reviewed signal needs at key intersections, including the Adelaide and Blackwater intersection. Our study will be recommending constructing traffic signals at Adelaide/Blackwater as part of the road widening; however, the City may install signals prior to construction if the provincial warrants are met.

Thank you,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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From:

Sent: Tuesday, November 27, 2018 5:14 PM **To:** Chan, Salina <Salina.Chan@parsons.com> **Subject:** Adelaide St. North road widening

Hello Ms. Chan,

I am resident at , in the Adelaide St. N. widening.study area.

I was unfortunately unable to attend the meeting at the library recently. I do believe it is well past time to do this construction and I would prefer a traffic circle at Adelaide & Sunningdale. It would slow down the cars coming south on Adelaide north of Sunningdale. Right now they can really speed through the intersection without slowing down from 80kph to 60kpm. There have already been some bad accidents at that intersection.

My main concern <u>right now</u> is the intersection at Adelaide and Blackwater. It is very busy and you can wait minutes to be able to turn left (south) from Blackwater onto Adelaide. There are also more apartments being completed behind the Tim Hortons on Adelaide, which means the traffic is increasing even further. Plus the plans for the mall on the south east corner of Adelaide & Sunningdale will further exacerbate the traffic.

Many of my friends & I cut through the subdivision to use the lights at Grenfell & Adelaide, but that intersection is also dangerous with the apartment driveway so close to Adelaide.

I would like to hear back from you if there are plans for a light at that intersection before the construction because it is really needed now and I don't think it needs to wait till 2020.

Also, please put me on your list to be kept informed of the project.

Thanks so much,

Public Information Centre #2
Summary Report



Adelaide Street North Municipal Class Environmental Assessment (EA)

Public Information Centre No. 2 Summary Report

prepared for: The City of London 300 Dufferin Avenue London, ON N6A 4L9

prepared by:

PARSONS

1069 Wellington Road South, Suite 214 London, ON N6E 2H6

August 2019



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List of Appendices

Appendix A - PIC Notification Materials

Appendix B - Display Materials

Appendix C - Submitted Comments



1. INTRODUCTION

The City of London held its second Public Information Centre (PIC) for the Adelaide Street North Municipal Class Environmental Assessment on Wednesday, June 5th, 2019 from 5:00pm to 7:00pm at A.B. Lucas Secondary School. The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East, as well as Sunningdale Road East from Blackwater Road to the Stoney Creek Community Centre entrance. The location of the second PIC is shown in **Figure 1.**

Study Area

PLACOMATER POAR

PLACOMATER POAR

ADELAIDE STREET NORTH

Figure 1 - Location of PIC#2 Venue

The PIC followed an "Open House" format with relevant study information on display, including a Roll Plan of the preliminary recommended design concept. Members of the Project Team were available to address any questions or concerns. Attendees were encouraged to view the display boards and roll plan and engage in discussion with Project Team. The purpose of the second PIC was to present and obtain feedback on the alternative design concepts and evaluation criteria, the preliminary preferred alternative design concept and potential impacts and mitigation measures. Comments received would assist the project team in refining the preferred design concept prior to completing the Environmental Study Report (ESR).

2. NOTIFICATION

The Municipal Class EA requires that notification be given to the public of upcoming PICs. The following steps were taken to notify the public and interested stakeholders of PIC#2:

- Publications
 - o The Londoner on May 23, 2019 and May 30, 2019.
- Direct, via Email
 - o Technical Agencies / Local Interest Groups / Utilities May 16, 2019.
 - Local residents, property owners (whose emails were added to the contact list) May 16, 2019.
 - o Indigenous communities and organizations May 16, 2019 & May 21, 2019.
 - Offer to technical agencies and key stakeholders to meet at a "Pre-PIC" beginning at 4:30pm on the day of the PIC - May 29, 2019
- Mail
 - Local residents, property owners, and businesses Week of May 13, 2019.
 - Registered mail to properties at Adelaide/Fanshawe Park intersection where access will be changing and all properties where property is anticipated to be required – Week of June 3, 2019 with supplementary hand-delivery to applicable store/property managers on June 3, 2019.
 - o Indigenous communities present in the area May 17, 2019.
- Phone

Phone call to follow up with Indigenous communities and organizations - May 31, 2019.

Notification materials for PIC No. 2 (Notice, newspaper advertisements and general e-mail template) can be found in **Appendix A**.

3. DISPLAY MATERIALS AND ROLL PLAN

Display boards were used at PIC No. 2 to present the information listed below. A Roll Plan of the preliminary preferred design concept was also on display.

- Welcome
- Study Overview and Purpose
- Study Area & Background
- Recommended Alternative Solutions
- Alternative Design Concepts
- Evaluation Criteria
- Evaluation of Alternative Design Concepts

- Preliminary Recommended Alternative Design Concept (including Roll Plan)
- Recommended Intersection Controls
- Evaluation of Sunningdale Intersection
- Potential Environmental Affects and Mitigation Measures
- Next Steps

The displayed materials and Roll Plan presented are provided in **Appendix B**.

4. ATTENDANCE AND SUMMARY OF COMMENTS

A total of 28 participants attended the PIC based on records from the sign-in sheet. A total of 12 written comments (including comment sheets) and 5 e-mail comments were received between June 5, 2019 and June 28, 2019. Comments received including general feedback related to the project, design specific comments and other comments. Copies of the written and e-mail comments received are included in **Appendix C.** A summary of the feedback received is provided below based on the frequency of occurrence.

Pre-PIC Meeting Time

The project team was available to meet with agencies and local stakeholders beginning at 4:30pm. Three organizations attended at this time, including the Church of St. Jude, Upper Thames River Conservation Authority and a representative of the development community. The Church of St. Jude identified concerns with the conversion of their driveway to a right-in, right-out only movement and the potential affects to side streets. This feedback is captured within the summary tables below. The Upper Thames River Conservation Authority indicated they did not foresee any issues with the permitting process for this project.

General Comments

Several participants were supportive of the Preferred Design Plan for Adelaide Street North. The desire for traffic signals at Adelaide / Blackwater was also supported, including at Sunningdale. It was requested that traffic signals could be installed in the short term prior to the road widening since it is not scheduled to occur until 2029. Speeding concerns were also identified along Adelaide Street North. It was noted by one participant that widening Adelaide is a concern and that if a roundabout were to be installed at Adelaide and Sunningdale Road East, it could delay the need to widen Adelaide. **Table 1** provides an overview of the general comments received.

Table 1 - General Comments Received

	General Comments	
1.1	Supportive of preferred design plan for Adelaide Street North.	8
1.2	Traffic signals needed/supported at Adelaide/Blackwater intersection.	8

1.3	Existing speeding concerns on Adelaide Street North.	2
1.4	Widening Adelaide Street North is a concern.	1
1.5	Potential to delay widening if roundabout installed first at Adelaide/Sunningdale.	1

Design Comments

Several comments received were specific to the preliminary preferred design concept which was presented. The most commonly received feedback included the desire for a roundabout at the Adelaide / Sunningdale Intersection, concerns related to traffic access and safety at the Sobey's/Home Depot entrance and the installation of sound barriers to mitigate noise impacts. **Table 2** provides an overview of the design comments received.

Table 2 - Design Comments Received

Design Comments		
2.1	Roundabout preferred at Adelaide / Sunningdale intersection.	4
2.2	Traffic concerns at Sobeys/Home Depot entrance / consider traffic signal.	2
2.3	Install sound barriers to mitigate noise impacts.	2
2.4	Concerns with conversion to right-in, right-out only movements and the impact to traffic on side streets.	1
2.5	Continue 1.8m cycle tracks all the way to Adelaide/Fanshawe intersection.	1
2.6	Suggest dedicated right turn lane northbound on Adelaide up to Grenfell to ease traffic flow into apartment buildings.	1
2.7	Marsh is important for local animals. Giant trees along Adelaide are critical for their survival and without them marsh will suffer. Do not cut the trees.	1

Other Comments

Two formal comments were received which requested the project team to examine signal timings at Adelaide/Phillbrook and consider a traffic light at Fanshawe Park Road East / Freemont. These comments are summarized in **Table 3** below. Additional notes recorded by the project team at PIC#2 through discussion with stakeholders included concerns regarding the use of medians (1), concern that traffic lights will increase corridor travel time (1) and to examine the significance and potential drainage impacts to the wetland on the northeast side of Adelaide Street N / Sunningdale Road East (1).

Table 3 - Other Comments Received

Other Comments		
3.1	Look into signal timings at Adelaide and Phillbrook as there is a new commercial area which changes traffic patterns at peak hours.	1
3.2	A traffic light at Fanshawe and Freemont might reduce impact on subdivision east of Adelaide.	1
3.3	Concern with use of medians.	1
3.4	Concern that traffic lights will increase corridor travel time.	1
3.5	Examine significant and potential drainage impacts to wetland on northeast side of Adelaide Street North / Sunningdale Road East.	1

5. CONCLUSION

The second PIC for Adelaide Street North provided the project team with several comments related to the preliminary preferred design concept which will aid in refinements leading up to completion of the Environmental Study Report (ESR) and subsequent detailed design which will be required prior to construction in 2029. A summary of the key comments received are provided below:

- 1. Comments received at PIC#2 suggest there is general support for the widening of Adelaide Street North;
- 2. Traffic signals are supported at Adelaide/Blackwater;
- 3. There are existing speeding concerns along Adelaide Street North;
- 4. There is a desire to reexamine the roundabout option at Adelaide/Sunningdale;
- 5. There is a desire to explore options to improve movements at the Sobey's/ Home Depot Entrance; and
- 6. There is a desire to explore options for additional noise mitigation measures along the corridor.



PIC Notification Materials





Adelaide Street North Municipal Class Environmental Assessment Study

Notice of Public Information Centre No. 2

The City of London is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance. This project is being carried out under the planning and design process for a Schedule C project as outlined in the Municipal Engineers Association's *Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 and 2015).*

Public consultation is a key element of the EA planning process, and the second Public Information Centre (PIC) to share study details with the public is scheduled for:

Date: Wednesday, June 5, 2019

Time: 5:00 pm – 7:00 pm

Location: A. B. Lucas Secondary School

656 Tennent Avenue London, ON, N5X 1L8

For those taking London Transit, local routes 16 and 40 are accessible by a short

walking distance from the PIC venue.

The PIC will be held as a drop-in format, where attendees can freely browse the display boards, which will be used to present and obtain feedback on:

- The alternative design concepts and evaluation criteria;
- The preliminary preferred alternative design concept; and,
- Potential impacts and mitigation measures.

Following the PIC, in consideration of the comments received, the project team will confirm the preferred alternative design concept. Afterwards, an Environmental Study Report (ESR), which documents the EA process undertaken, will be compiled and made available for 30-day public review.

For more information, to provide comments, or to be added to the mailing list, please visit http://www.london.ca/residents/environment/EAs/Pages/default.aspx or contact:

Henry Huotari, Project Manager Parsons Inc.

1069 Wellington Road South, Suite 214 London, ON N6E 2H6

Tel: 519-286-5517

Email: henry.huotari@parsons.com

Matt Davenport, Project Manager City of London

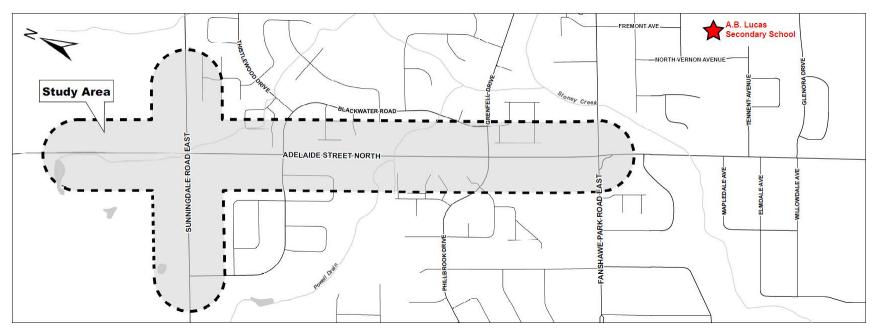
300 Dufferin Avenue, 6th Floor, P.O Box 5035 London, ON N6A 4L9

Tel: 519-661-2489 x5232 Email: mdavenport@london.ca

ADELAIDE STREET NORTH

MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT

STUDY AREA KEY MAP



PIC Venue Address

A.B. Lucas Secondary School Cafeteria 656 Tennent Avenue London, ON, N5X 1L8

London Transit

LTC Route # - 16 LTC Route # - 40

Driving

If coming from Fanshawe Rd E, turn south onto Glengarry Ave and west onto Tennent Ave.

If coming from Adelaide Street N, turn east onto Glenora Dr, north on Glengarry Ave and west onto Tennent Ave.

Public Notices & London BIDDING OPPORTUNITIES London CANADA

MINOR VARIANCES

The Committee of Adjustment for the City of London will meet on **Monday, June 10, 2019**, commencing at 1:20 p.m., on the second floor of City Hall, 300 Dufferin Avenue, London, Ontario for the purpose of hearing the following applications for Minor Variance to Zoning By-law Z.-1.

1:20 p.m. – A.046/19 - 149 Huron Street, PLAN NIL PT LOTS 44, 45 W/S, on the south side of Huron Street, west of St. George Street. To construct two dwellings as a result of a consent. Lands to be Severed 1: To permit a lot frontage of 9.4m, whereas 12.0m is the minimum required. To permit a front yard setback of 10.3m whereas 8.3m is the maximum permitted. Lands to be Severed 2: To permit a lot frontage of 9.4m, whereas 12.0m is the minimum required. To permit a front yard setback of 10.3m whereas 8.3m is the maximum permitted.

1:50 p.m. – A.129/18 - 787 Richmond Street, PLAN 162 PT LOT 6, on the west side of Richmond Street, north of Sydenham Street. To permit a converted dwelling with 3 units. To permit a lot area of 414.8m² whereas 540m² is the minimum required. To permit three parking spaces, whereas five spaces are

2:00 p.m. – A.051/19 - 2472 Charlie Hajjar Way,

PLAN 33M732 LOT 96, on the east side of Charlie Hajjar Way, north of Commissioners Road East. To construct a dwelling. To permit an interior side yard setback of 1.0m, whereas 1.2m is the required minimum.

2:10 p.m. – A.052/19 - 440 Regent Street, PLAN NIL PT LOTS 43, 44, on the north side of Regent Street, east of Fraser Avenue. To construct an attached garage. To permit a west exterior side yard setback of 10.9m, whereas 12.2m is the required minimum.

2:20 p.m. – A.053/19 - 350 Ridout Street South, PLAN 400 LOT 6, on the east side of Ridout Street South, south of Chester Street. To maintain existing parking. To permit 15 parking spaces for all uses permitted under the current zone for the existing building (603.9m²).

2:30 p.m. - A.054/19 - 82 Breton Park Crescent,

PLAN 790 LOT 227, on the east side of Breton Park Crescent, north of Manitoulin Drive. To construct an addition. To permit a rear yard setback of 5.1m, whereas 7.0m is the minimum required.

2:40 p.m. – A.056/19 - 1835 Shore Road, PLAN 33M743 BLK 1, on the south side of Shore Road, west of Riverbend Road. To permit reduced lot frontage. To permit Parcel 4 with a frontage of 8.5m whereas a minimum of 30m is required.

If you wish to be notified of a decision of the Committee of Adjustment, you must appear in person or by Counsel at the hearing <u>and</u> file a written request with the Secretary-Treasurer of the Committee of Adjustment. An appeal from a decision of the Committee of Adjustment to the Local Planning Appeal Tribunal (LPAT) shall be filed within 20 days of making the decision. Any appeal must be filed with the Secretary-Treasurer of the Committee of Adjustment, in person at 7th Floor, City Hall, 300 Dufferin Ave., London, ON, or Mail to City of London, P.O. Box 5035, ON N6A 4L9. 519-661-2489 ext. 4988.

NOTICE

Adelaide Street North Municipal Class Environmental Assessment Study Notice of Public Information Centre No. 2

The City of London is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance. This project is being carried out under the planning and design process for a Schedule C project as outlined in the Municipal Engineers Association's Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 and 2015). Public consultation is a key element of the EA

planning process, and the second Public

Information Centre (PIC) to share study details with the public is scheduled for:

Date:Wednesday, June 05, 2019Time:5:00 pm - 7:00 pmLocation:A. B. Lucas Secondary School
656 Tennent Avenue
London, ON, N5X 1L8

For those taking London Transit, local routes 16 and 40 are accessible by a short walking distance from the PIC venue

The PIC will be held as a drop-in format, where attendees can freely browse the display boards, which will be used to present and obtain feedback on:

- The alternative design concepts and evaluation criteria;
- The preliminary preferred alternative design concept; and,
- Potential impacts and mitigation measures. Following the PIC, in consideration of the comments received, the project team will confirm the preferred alternative design concept. Afterwards, an Environmental Study Report (ESR), which documents the EA process undertaken, will be compiled and made available for 30-day public review. For more information, to provide comments, or to be added to the mailing list, please visit http://www.london.ca/residents/environment/EAs/Pages/default aspx or contact:

Henry Huotari, Project Manager Parsons Inc.

1069 Wellington Road South, Suite 214 London, ON, N6E 2H6 Tel: 519-286-5517

Email: henry.huotari@parsons.com

Matt Davenport, Project Manager City of London

300 Dufferin Avenue, 6th Floor, P.O. Box 5035 London, ON, N6A 4L9 Tel: 519-661-2489 x5232 Email: mdavenport@london.ca Information collected for the study will be used in accordance with the Municipal Freedom of Information and Protection of Privacy Act. Except for personal information, including your name, address and property location, all comments received throughout the study will become part of the public record and included in project documentation.

FOR YOUR INFORMATION

Naloxone Public Information Session -

Wednesday, May 29, 2019 at 6 p.m. – Kinsmen Recreation Centre, 20 Granville Street. Information about opioids, issues in our community, and where to access Naloxone and how it's administered.

TENDERS AND PROPOSALS

Tender RFT19-80 – Menstrual Products Closing Date: 2:00:00 pm, local time, Wednesday, June 12, 2019

Tender RFT19-82 Construction of play areas, pathways & site amenities in 4 City parks **Closing Date: 2:00:00 Friday, May 31, 2019**

Tender RFT19-32 Traffic Signal Re-Build at Huron-Highbury Avenue

Closing Date: 2:00:00 Wednesday, May 29, 2019

Tender RFT19-10 Eldon House – Carriage House Closing Date: 2:00:00 Wednesday, May 29, 2019

Tender RFT19-09 One Dundas Closing Date: 2:00:00 Wednesday, May 29, 2019

Any additional information regarding the above bidding opportunities is available to view on the bids&tenders website. <u>Iondon.bidsandtenders.ca</u>

Public Notices & BIDDING OPPORTUNITIES

NOTICE OF PUBLIC MEETING

The Planning and Environment Committee will consider the following matters at a Public Participation Meeting to be held June 17, 2019. The meeting will take place in City Hall, Council Chambers. Comments in writing to be considered at the Public Participation Meeting may be sent to the Committee Secretary, H. Lysynski at (hlysynsk@ london.ca). If you have any questions or would like to provide comments, please see "Providing Comment"

Items not to be heard before 4:00 p.m. 3493 Colonel Talbot Road - The purpose and effect of this Official Plan and Zoning change is to permit single detached dwellings with attached garages that may extend beyond a dwelling facade and include doors that may exceed 50% of the lot frontage. Possible amendment to the Official Plan to exempt the lands from the provisions of section 20.5.3.9 iii. e), which restricts garages from projecting beyond the façade of the dwelling or porch, and restricts garage doors from occupying more than 50% of the frontage of a lot. Possible change to Zoning By-law Z.-1 **FROM** a Residential R1 Special Provision (R1-8(5)) TO a Residential R1 Special Provision (R1-8(_)) Zone to exempt the development of courtyard dwellings from the regulation that restricts garages from projecting beyond the facade of the dwelling or porch and occupying more than 50% of the lot frontage. File:OZ-9032 Planner: S. Wise

Old East Village Dundas Street Corridor Secondary Plan - The City of London has undertaken the preparation of a Secondary Plan for lands generally defined as properties fronting onto Dundas Street, between Colborne Street and Burbrook Place, and onto King Street, between Colborne Street and Ontario Street. The purpose of the Secondary Plan is to establish a long term vision for the area and guide the future character of development through more specific policies than those contained The London Plan. The Secondary Plan provides a framework for the evaluation of future amendment applications as well as public and private investment in the area. The purpose and effect of this Official Plan Amendment is to adopt the Old East Village Dundas Street Corridor Secondary Plan. Possible amendments to Policy 1565 and Map 7 of The London Plan to add the Old East Village Secondary Dundas Street Corridor Secondary Plan as a new Secondary Plan. A revised Secondary Plan has been prepared and will be presented to the Planning and Environment Committee at the time and place noted above. More information can be found at getinvolved.london.ca. File: O-8879 Planner: K. Killen (Dundas)

Item not to be heard before 4:45 p.m. **945 Bluegrass Drive** - The purpose and effect of this zoning change is to permit two 3-storey, 40-unit apartment buildings. Possible change to Zoning By-law Z.-1 FROM a Holding Community Facility Special Provision (h*h-1*h-18*CF1(3)/CF3(1)*D40*H12) Zone and Urban Reserve (UR3) Zone **TO** a Holding Residential R8 Special Provision (h*h-1*R8-1(__)) Zone and an Open Space (OS1) Zone. The proposed R8-1 Zone would permit the apartment building use. Special provisions would permit a reduced minimum parking rate of 66 spaces (whereas a minimum of 100 spaces is required) and an increased maximum density of 45.24 units per hectare (whereas a maximum of 40 units per hectare is permitted). The City may also consider an additional special provision requiring a 30 metre setback from the Railway Rightof-Way and a holding provision requiring provincial acceptance of the archaeological assessment. File: Z-9020 Planner: C. Lowery (City Hall)

Item not to be heard before 7:00 p.m. Victoria Park Secondary Plan Draft for

Circulation - The City of London is undertaking the preparation of a Secondary Plan for lands generally defined as properties fronting onto Clarence Street, Central Avenue, Wellington Street, and Dufferin Avenue, around Victoria Park. The purpose of this Secondary Plan is to establish a policy framework to guide the future development of the lands surrounding Victoria Park that is more detailed than the policies in the 1989 Official Plan and The London Plan. The Secondary Plan will provide a framework for the evaluation of future development applications on these properties. Possible amendments to Sections 20.2 and 20.3 and Schedule D of the current Official Plan and Policy 1565 and Map 7 of The London Plan to add the Old Victoria Park Secondary Plan as a new Secondary Plan. A Draft Secondary Plan has been prepared and will be presented to the Planning and Environment Committee at the time and place noted above. Staff will be recommending that the Draft Secondary Plan be received for information purposes and that this Draft Secondary Plan will be the basis for further consultation with the community and stakeholders. More information can be found at https:// getinvolved.london.ca/victoriapark File: O-8978 Planner: M. Knieriem (Dundas)

NOTICE OF APPLICATION

The following applications have been received by the City of London. The Planning and Environment Committee will be considering these applications at a future public meeting, the date and time of which will be published in the Londoner. If you have any questions or would like to provide comment, please see "Providing Comment" below.

244 Adelaide Street South - The purpose and effect of this zoning change is to permit a medical/ dental clinic and a certified commercial kitchen in association with the existing community centre. Possible change to Zoning By-law Z.-1 **FROM** a Neighbourhood Facility Special Provision (NF1(11)) Zone **TO** a Neighbourhood Facility Special Provision (NF1()) Zone to permit the proposed medical/ dental clinic and commercial kitchen uses and a reduced parking rate of 33 spaces, whereas 40 spaces are required. The existing range of permitted uses would continue to apply to the site. The existing special provision permitting minimum 1.2 metre front and interior side vard setbacks would continue to apply to the site. File: Z-9061 Planner: C. Lowery (City Hall)

551 Knight's Hill Road - The purpose and effect of this zoning change is to permit a new pharmacy and office within the existing building. Possible change to Zoning By-law Z.-1 FROM a Convenience Commercial Special Provision (CC1(9)) **TO** a Convenience Commercial (CC1(__)) Zone to permit the additional uses of pharmacy and office within the existing building, with a reduction in total number of parking spaces, and a reduced parking area setback. File: Z-9062 Planner: S. Wise (City Hall)

220 and 244 Adelaide Street South - Possible amendment to The London Plan to change the designation of the subject properties from a Light Industrial Place Type to a Commercial Industrial Place Type. File: O-9066 Planner: C. Lowery (City Hall)

324 York Street - The purpose and effect of the requested Zoning By-law amendment is to permit the continued operation of the existing surface commercial parking lot use for an additional three (3) years. Possible change to Zoning By-law Z.-1 BY **AMENDING** the temporary use provisions of the existing holding Downtown Area Special Provision (h-3*DA1(1)*D350*H95/DA1(3)*D350*H95/T-71) Zone at 324 York Street, **TO EXTEND** the temporary

commercial parking lot use for an additional three

(3) years. File: TZ-9069 Planner: B. Debbert (City Hall)

PROVIDING COMMENT

Your comments on these matters are important. You may comment by phone, mail, e-mail, or fax by calling 519-661-4980, or emailing the planner assigned to the file you are interested in Mail should be directed to: The City of London, Planning Services, P.O. Box 5035, 300 Dufferin Ave., London, ON, N6A 4L9. **Please note:** Personal information collected and recorded at the Public Participation Meeting, or through written submissions on this subject, is collected under the authority of the Municipal Act, 2001, as amended, and the Planning Act, 1990 R.S.O. 1990, c.P.13 and will be used by Members of Council and City of London staff in their consideration of this matter. The written submissions, including names and contact information and the associated reports arising from the public participation process, will be made available to the public, including publishing on the City's website. Video recordings of the Public Participation Meeting may also be posted to the City of London's website. Questions about this collection should be referred to Cathy Saunders, City Clerk, 519-661-2489 ext. 4937. If a person or public body would otherwise have an ability to appeal the decision of the Corporation of the City of London or of the Approval Authority to the Local Planning Appeal Tribunal but the person or public body does not make oral submissions at a public meeting or make written submissions to the City of London before the application is adopted or approved, the person or public body is not entitled to appeal the decision. If a person or public body does not make oral submissions at a public meeting or make written submissions to the City of London before the proposed amendment is adopted or approved, the person or public body may not be added as a party to the hearing of an appeal before the Local Planning Appeal Tribunal unless, in the opinion of the Tribunal, there are reasonable grounds to add the person or public body as a party.

ADDITIONAL INFORMATION

For more information about these matters, including information about appeal rights, contact Planning Services, 206 Dundas Street, 519-661-4980 or Development Services, 6th floor, City Hall, 300 Dufferin Ave., London, ON, 519-930-3500, Monday to Friday, 8:30am-4:30pm. The notices listed above indicate the office location of the files. Information for most subdivisions, condominiums, official plan amendments and zoning by-law amendments is also available at london.ca/planapps. Key maps $for the \ lands\ described\ in\ these\ applications\ are\ not\ provided\ as$ they are available for review at the offices noted above. *Please ensure you reference the File Number or address in all

MINOR VARIANCES

The Committee of Adjustment for the City of London will meet on Monday, June 17, 2019, commencing at 1:50 p.m., on the second floor of City Hall, 300 Dufferin Avenue, London, Ontario for the purpose of hearing the following applications for Minor Variance to Zoning By-law Z.-1.

1:50 p.m. - A.057/19 - 394 Hazel Avenue, PLAN 442 LOT 13, on the south side of Riverside Drive, west of Hazel Avenue. To construct a three-storey office building. To permit an exterior side yard setback of 3.0m, whereas 8.0m is the minimum required. To permit a parking area setback of 1.5m, whereas 3.0m is the minimum required.

2:00 p.m. - A.059/19 - 906 Lorne

Avenue, PLAN 352 BLK P PT LOTS 44 45 56 57 AND RP 33R9278 PARTS 3 AND 4, on the north side of Lorne Avenue, east of Ontario Street. To permit a converted dwelling with three units. To permit two off-street parking spaces, whereas three are required.

2:10 p.m. - A.055/19 - 280 Adelaide Street S, PLAN 914 LOT 17, on the east side of Adelaide Street South. north of Leathorne Street. To maintain existing parking. To permit 41 parking spaces for all uses permitted under the current zone for the existing building (816m²).

2:20 p.m. - A.142/18 - 1645 Hamilton Road, CON 1 PT LOT 8 RP 33R16879 PARTS 4 5 7 8 AND 11, on the west side of Hamilton Road, north of Commissioners Road Fast. To permit reduced lot area as a result of a consent (B.050/18). Severed Parcel: To permit a lot area of 6.614 ha whereas 40 ha is the required minimum. Retained Parcel: To permit a lot area of 6.814 ha whereas 40 ha is the required minimum.

If you wish to be notified of a decision of the Committee of Adjustment, you must appear in person or by Counsel at the hearing **and** file a written request with the Secretary-Treasurer of the Committee of Adjustment. An appeal from a decision of the Committee of Adjustment to the Local Planning Appeal Tribunal (LPAT) shall be filed within 20 days of making the decision. Any appeal must be filed with the Secretary-Treasurer of the Committee of Adjustment, in person at 7th Floor, City Hall, 300 Dufferin Ave., London, ON, or Mail to City of London, P.O. Box 5035, ON N6A 4L9. 519-661-2489 ext. 4988.

CONSENTS

The **London Consent Authority** will be considering the following application for consent. **Comments** are due by June 13, 2019 to the London Consent

B.018-19 - 1595 Borden Street – Request to sever three lots with lot areas of 370m², 301.41m² and 301.41 m² for the purpose of future residential uses and retain 535.57m² for the purpose of existing residential uses. Planner: S. Meksula

B.019-19 - 1229 and 1265 Wharncliffe Road **South** – Request to establish an easement of approximately 291m² (3132.3sg, ft.) over 1265 Wharncliffe Road South in favour of 1229 Wharncliffe Road South, for the purpose access. Planner:

B.020-19 - 1243 & 1245 Sorrel Road – Request to sever approximately 393.9m² for the purpose of an existing semi-detached dwelling and retain 346.5 m² for the purpose of an existing semi-detached dwelling. Planner: S. Meksula

If a person or public body that files an appeal of a decision of the City of London Consent Authority in respect of the proposed consent does not make written submissions to the Consent Authority, before it gives or refuses to give a provisional consent, the Local Planning Appeal Tribunal (LPAT) may dismiss the appeal. If you wish to be notified of the decision of the Consent Authority in respect of the proposed consent you must make a written submission to the City of London Consent Authority, 300 Dufferin Avenue, 6th Floor, London, Ontario, N6A 4L9, Additional information on these applications is available at the Consent Authority Office, Development and Compliance Services, Development Services, 6th Floor, City Hall, 300 Dufferin Avenue, London, Ontario 519-930-3500.

Public Notices & Bidding Opportunities

NOTICE

Adelaide Street North Municipal Class Environmental Assessment Study

Notice of Public Information Centre No. 2

The City of London is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's Smart Moves Transportation Master Plan (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance. This project is being carried out under the planning and design process for a Schedule C project as outlined in the Municipal Engineers Association's Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 and 2015).

Public consultation is a key element of the EA planning process, and the second Public Information Centre (PIC) to share study details with the public is scheduled for:

Date: Wednesday, June 5, 2019
 Time: 5:00 pm - 7:00 pm
 Location: A. B. Lucas Secondary School 656 Tennent Avenue London, ON, N5X 1L8

For those taking London Transit, local routes 16 and 40 are accessible by a short walking distance from the PIC venue. The PIC will be held as a drop-in format, where attendees can freely browse the display boards, which will be used to present and obtain feedback on:

- The alternative design concepts and evaluation criteria;
- The preliminary preferred alternative design concept; and.
- Potential impacts and mitigation measures.

Following the PIC, in consideration of the comments received, the project team will confirm the preferred alternative design concept. Afterwards, an Environmental Study Report (ESR), which documents the EA process undertaken, will be compiled and made available for 30-day public review.

For more information, to provide comments, or to be added to the mailing list, please visit http://www.london.ca/residents/environment/EAs/Pages/default.aspx or contact:

Henry Huotari, Project Manager Parsons Inc.

1069 Wellington Road South, Suite 214 London, ON, N6E 2H6 Tel: 519-286-5517

Email: henry.huotari@parsons.com

Matt Davenport, Project Manager City of London

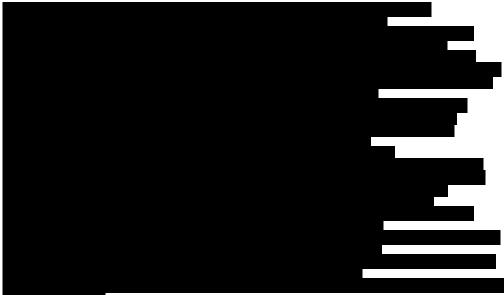
300 Dufferin Avenue, 6th Floor, P.O. Box 5035 London, ON, N6A 4L9 Tel: 519-661-2489 x5232

Email: mdavenport@london.ca

From: Evraire, Andrew
To: Evraire, Andrew

Cc: "mdavenport@london.ca"; Huotari, Henry; Doucette, Tisha

Bcc:



Subject: Notice of PIC#2 - Adelaide Street North Environmental Assessment Study

Date: Thursday, May 16, 2019 2:28:00 PM
Attachments: Final PIC2 Notice - Adelaide St N EA.pdf

image001.png

Dear Sir / Madam,

Thank you for having expressed your interest in the Adelaide Street North Municipal Class Environmental Assessment (EA). You are receiving this email because you have provided the project team an email address at which you wish to be contacted, though you may also receive a hard copy of the notice via regular mail.

The City of London is hosting its second Public Information Centre (PIC) for the Adelaide Street North Municipal Class Environmental Assessment (EA). The purpose of this PIC will be to present and obtain feedback on the alternative design concepts, preliminary preferred alternative design concept and potential impacts and mitigation measures.

The details of the PIC are provided below – a formal notice is also attached with additional information.

Date: Wednesday, June 5, 2019

Time: 5:00 pm – 7:00 pm

Location: A.B. Lucas Secondary School

656 Tennent Avenue London, ON, N5X 1L8

Please feel free to contact the project team members listed on the attached Notice for further information on this project.

Sincerely,

Andrew Evraire, BURPI | Planner 500-625 Cochrane Drive, Markham, ON, L3R 9R9 Andrew.Evraire@Parsons.com

Office: +1 905.943.0592

PARSONS – Envision More

www.parsons.com | LinkedIn | Twitter | Facebook



From: Evraire, Andrew
To: Evraire, Andrew

Cc: "mdavenport@london.ca"; Huotari, Henry; Doucette, Tisha

Bcc:



Subject: Notice of PIC#2 - Adelaide Street North Environmental Assessment Study

Date: Thursday, May 16, 2019 2:28:00 PM
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image001.png

Dear Sir / Madam,

The City of London is hosting its second Public Information Centre (PIC) for the Adelaide Street North Municipal Class Environmental Assessment (EA). The purpose of this PIC will be to present and obtain feedback on the alternative design concepts, preliminary preferred alternative design concept and potential impacts and mitigation measures. On behalf of the City of London and the project team, we would like to notify and invite you and your community to attend. Please note you may also receive a hard copy of the notice via regular mail.

The details of the PIC are provided below – a formal notice is also attached with additional information.

Date: Wednesday, June 5, 2019

Time: 5:00 pm – 7:00 pm

Location: A.B. Lucas Secondary School

656 Tennent Avenue London, ON, N5X 1L8

Please feel free to contact the project team members listed on the attached Notice for further information on this project.

Sincerely,

Andrew Evraire, BURPI | Planner 500-625 Cochrane Drive, Markham, ON, L3R 9R9

Andrew.Evraire@Parsons.com
Office: +1 905.943.0592





From: Evraire, Andrew
To: Evraire, Andrew

Cc: "mdavenport@london.ca"; Huotari, Henry; Doucette, Tisha

Bcc:



Subject: Notice of PIC#2 - Adelaide Street North Environmental Assessment Study

Date: Thursday, May 16, 2019 2:28:00 PM

Attachments: image001.png

Final PIC2 Notice - Adelaide St N EA.pdf

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Date: Wednesday, June 5, 2019

Time: 5:00 pm – 7:00 pm

Location: A.B. Lucas Secondary School

656 Tennent Avenue London, ON, N5X 1L8

Please feel free to contact the project team members listed on the attached Notice for further information on this project.

Sincerely,

Andrew Evraire, BURPI | Planner 500-625 Cochrane Drive, Markham, ON, L3R 9R9 Andrew.Evraire@Parsons.com

Office: +1 905.943.0592





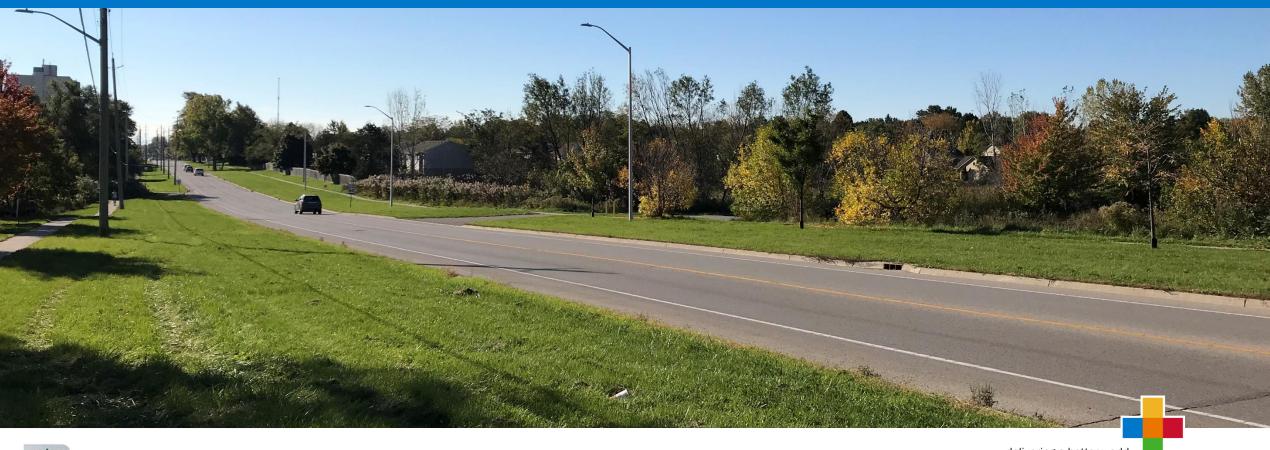


Display Materials

PARSONS

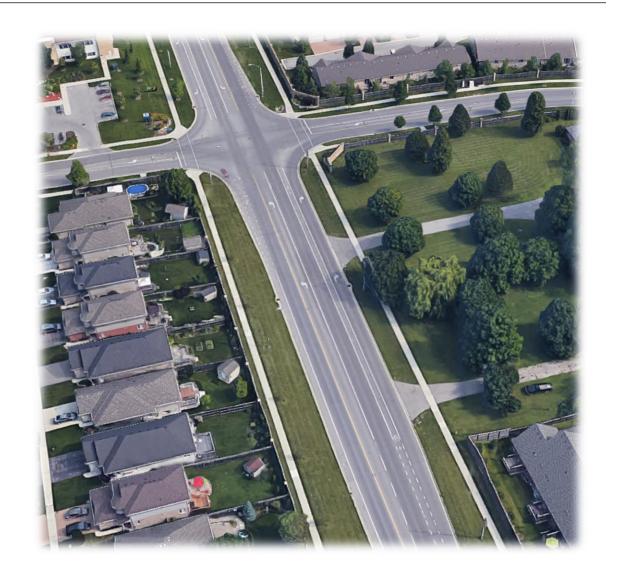
Adelaide Street North

Municipal Class Environmental Assessment



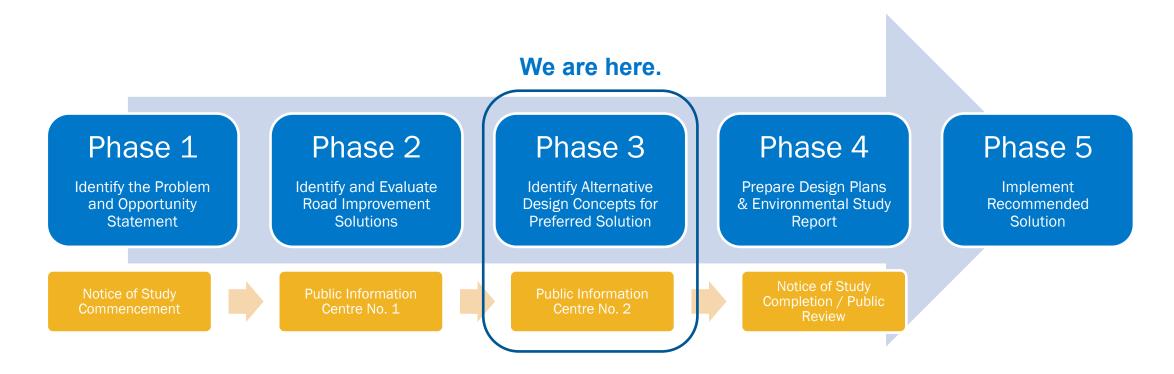
Welcome!

- Welcome to the second Public Information Centre for the Adelaide Street North Municipal Class Environmental Assessment.
- The purpose of this PIC is to present and obtain feedback on the alternative design concepts, preliminary preferred alternative design concept and potential impacts and mitigation measures.
- Representatives from the City of London and the consulting team are here to answer questions as you browse the panels.
- We encourage you to complete a comment sheet before leaving!



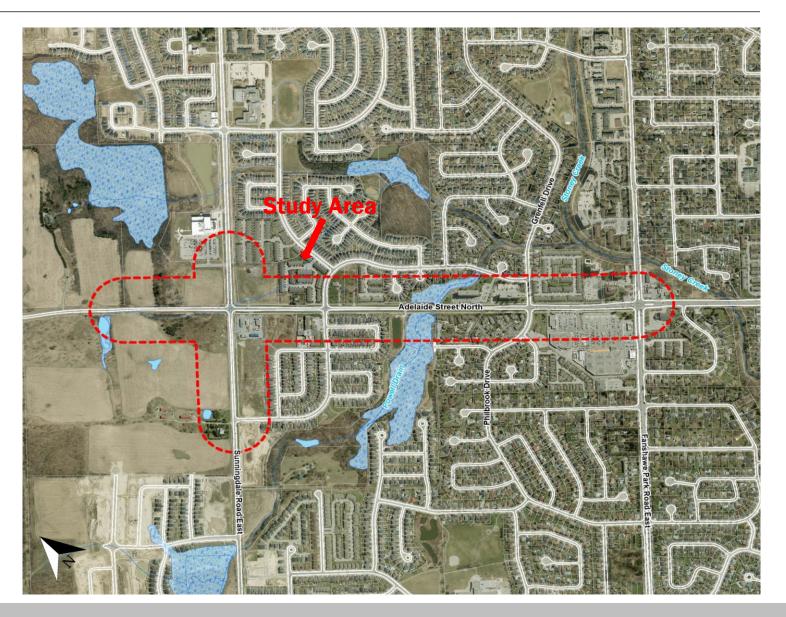
Study Overview and Purpose

- This EA will investigate the existing conditions of Adelaide Street North and identify, evaluate, and determine improvements required to address the anticipated growth projected in the northern part of the City of London.
- Also included in this EA will be a review of the recommendations for the Sunningdale Road East intersection as previously
 evaluated in the Sunningdale Road Improvements Municipal Class EA (AECOM, 2013).
- This study will follow the requirements of the Municipal Class Environmental Assessment (EA) process for a Schedule 'C' project. The phases of the Municipal Class EA are shown below:



Study Area & Background

- The study area includes Adelaide Street North from Fanshawe Park Road East to 350 m north of Sunningdale Road East.
- The study area also includes Sunningdale Road East from Blackwater Road to the Stoney Creek Community Centre entrance.
- The City of London's 2030 Smart Moves
 Transportation Master Plan (TMP) has
 recommended widening of this section of
 Adelaide Street North from two to four
 lanes.
- Future subdivision developments are planned north of Sunningdale Road East.
- Existing cycling facilities on Adelaide Street North and proposed bike lane on Sunningdale Road East.



Recommended Alternative Solutions



In Phase 2 of the Municipal Class EA, and as shown at the previous PIC, the following alternative planning solutions were selected to address the issues for Adelaide Street North.



Improve Alternative Routes

Undertake improvements (capacity or operational) on adjacent roads where justified (e.g. Highbury Avenue, Richmond Street).



Do Nothing

Maintain existing roadway network and provide no changes to Adelaide Street North (*This* alternative will form a baseline for comparison of alternative solutions).



Operational / Intersection Improvements

Improve existing intersection operations and undertake roadway geometric improvements (roundabouts, traffic signals, through lanes, turn lanes, etc.).



Limit Development

Restrict development in the surrounding area to projects already underway in order to limit growth.



Provide Additional Lanes

Widen Adelaide Street North with additional lanes to increase traffic capacity and accommodate future growth.



Incorporate Travel Demand Management (TDM) Measures

Introduce TDM measures to reduce or redistribute the travel demand (e.g. carpooling, workplace changes, pricing, etc.)



<u>Accommodate Other Travel Modes</u>

Improve existing facilities to encourage active transportation (walking, cycling, etc.) and improve Adelaide Street North/Sunningdale Road East to accommodate existing transit services.

Alternative Design Concepts

In Phase 3 of the Municipal Class EA, the following alternative design concepts were developed to implement the

recommended alternative solutions.

1

Widen from the Centerline

Generally widen Adelaide Street from the centerline of the roadway (i.e. approximately even widening on both west and east sides).



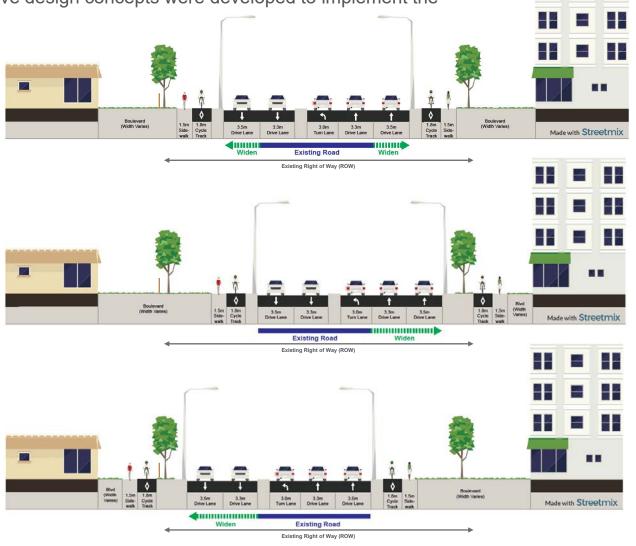
Widen to the **East**

Generally widen Adelaide Street to the eastside, while mostly maintaining the westside.



Widen to the West

Generally widen Adelaide Street to the westside, while mostly maintaining the eastside.



Evaluation Criteria



In evaluating the options to improve the Adelaide Street North corridor and Sunningdale Road East intersection, consideration is being given to the technical requirements of the City, as well as impacts on the area's natural, cultural, social and economic environments.

Environmental Factor Groups				
Transportation / Technical	Cultural	Socio-Economic	Natural	Cost
 Compatibility with Proposed Development Projects Traffic Operations / Performance Active Transportation Transit Services Stormwater / Drainage 	 Archaeological Resources Cultural and Built Heritage Indigenous / First Nations Communities 	 Property Construction Disruption Noise Compatibility with adjacent residents and businesses (existing) Traffic and Access Impacts Planning Policies and Objectives 	 Aquatic Species / Watercourses Wildlife and Wildlife Habitat Species at Risk (SAR) Locally Designated Areas Vegetation Air Quality Surface Water Ground Water 	 Capital Cost Property Cost Utilities Operation and Maintenance Cost

Have we missed anything? Tell us what's important to you in the comment sheet!

The Alternative Design Concepts were evaluated by determining each alternative's impacts:

Evaluation of Alternative Design Concepts

Positive

Neutral

Negative

	Alternative Design Concepts			
Fuel veties Oriterie	1	2	3	
Evaluation Criteria	Widen from Centerline	Widen to the <u>East</u>	Widen to the West	
Transportation / Technical				
Traffic Operations and				
Capacity	Will meet traffic capacity needs on Adelaide Street.	Will meet traffic capacity needs on Adelaide Street.	Will meet traffic capacity needs on Adelaide Street.	
	Addition of the control of the contr	Auditude officer	Auditude officer	
Roadway Safety	Provides most boulevard space on both east	Limits boulevard space on east side.	Limits boulevard space on west side.	
	and west sides.			
Active Transportation	Accommodates improvements to active transportation facilities and improves connectivity.	Accommodates improvements to active transportation facilities and improves connectivity.	Accommodates improvements to active transportation facilities and improves connectivity.	
Drainage and Stormwater Management	Increased run-off from road widening, however no impacts to existing Powell Drain Culvert Crossing.	Increased run-off from road widening and impacts to the existing Powell Drain Culvert Crossing.	Increased run-off from road widening, however no impacts to existing Powell Drain Culvert Crossing.	
Natural Environment		, and the second		
Terrestrial Wildlife and	Least impact to terrestrial environment, since widening from centerline would be in areas previously disturbed.	Impacts to terrestrial environment at east side of the Powell Drain.	Impacts to terrestrial environment at the west side of the Powell Drain.	
Habitat	previously disturbed.			
	Some impacts to street trees.	Some impacts to street trees.	Some impacts to street trees.	
Aquatic Wildlife and Habitat	Least impact to aquatic environment.	Impacts to the wetland at east side of the Powell Drain. Increased impact to Worral Drain.	Increased Impact to wetland at the west side of the Powell Drain. Decreased impact to Worral Drain.	
Groundwater	Displacement of groundwater as a result of excavations.	Displacement of groundwater as a result of excavations.	Displacement of groundwater as a result of excavations.	
Cultural / Socio-Economic Env	ironment			
Planning Policies and				
Objectives	Supported by the Transportation Master Plan.	Supported by the Transportation Master Plan.	Supported by the Transportation Master Plan.	
Property Impacts	Minimal property impacts.	Encroachment onto properties on the east.	Encroachment onto properties on the west.	
	Will worsen with increase in traffic but increasing capacity will allow for less idling.	Will worsen with increase in traffic but increasing capacity will allow for less idling.	Will worsen with increase in traffic but increasing capacity will allow for less idling.	
Noise Impacts				
	Widening from centre will allow for the			
	greatest buffer from residences on both sides. Road widening is expected to result in minimal changes to long term noise levels no higher than approximately 0.6 dBA.	Road will be in close proximity to residences on the east, resulting in significant noise impacts for those homes.	Road will be in close proximity to residences on the west, resulting in significant noise impacts for those homes.	
Archaeolog (O. II.	O arm approximately one dayli			
Archaeology / Cultural Heritage	No anticipated impacts to archaeological or cultural heritage resources.	No anticipated impacts to archaeological or cultural heritage resources.	No anticipated impacts to archaeological or cultural heritage resources.	
Construction-Related Impacts	Short-term construction related impacts are anticipated, though these will be mitigated with standard construction mitigation measures.	Short-term construction related impacts are anticipated, though these will be mitigated with standard construction mitigation measures.	Short-term construction related impacts are anticipated, though these will be mitigated with standard construction mitigation measures.	
Costs				
Capital Costs				
	Moderate capital costs.	Moderate capital costs.	Moderate capital costs.	
Maintenance Costs				
	Some increase in maintenance costs.	Some increase in maintenance costs.	Some increase in maintenance costs.	
Utility Costs	<u> </u>	<u> </u>	<u> </u>	
Dronorty Costs	Moderate utility relocation costs.	Moderate utility relocation costs.	Moderate utility relocation costs.	
Property Costs	Least property costs as there will be little need for additional property.	Some property costs due to need for additional land on the east.	Some property costs due to need for additional land on the west.	
Recommendation	Recommended. There will be the least impacts overall.	Not Recommended. There would be significant property and environmental impacts to the east.	Not Recommended. There would be significant property and environmental impacts to the west.	

Preliminary Recommended Alternative Design Concept

The preliminary recommended alternative design concept includes:

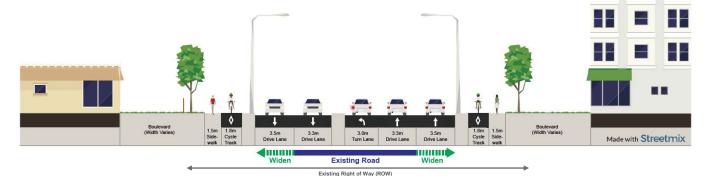
Widening from the <u>centerline</u> of the roadway towards the east and west.

- Includes:
 - √ 3.3 m 3.5m Travel Lanes
 - √ 1.8 m Cycle Tracks, 1.5m 2.0m Sidewalks
 - ✓ Centre Medians
 - Potential Midblock Crossing at Powell Drain
 - Left and Right Turn Lanes at Key Locations
 - Recommendation for a Wildlife Crossing Culvert near Powell Drain
 - Improvements to Powell Drain Culvert





Source: City of Ottawa



A detailed overview of the recommended alternative is shown on the Roll Plan.

Potential Midblock Crossing



Source: City of Ottawa





Source: Google Streetview

Recommended Intersection Controls

Existing

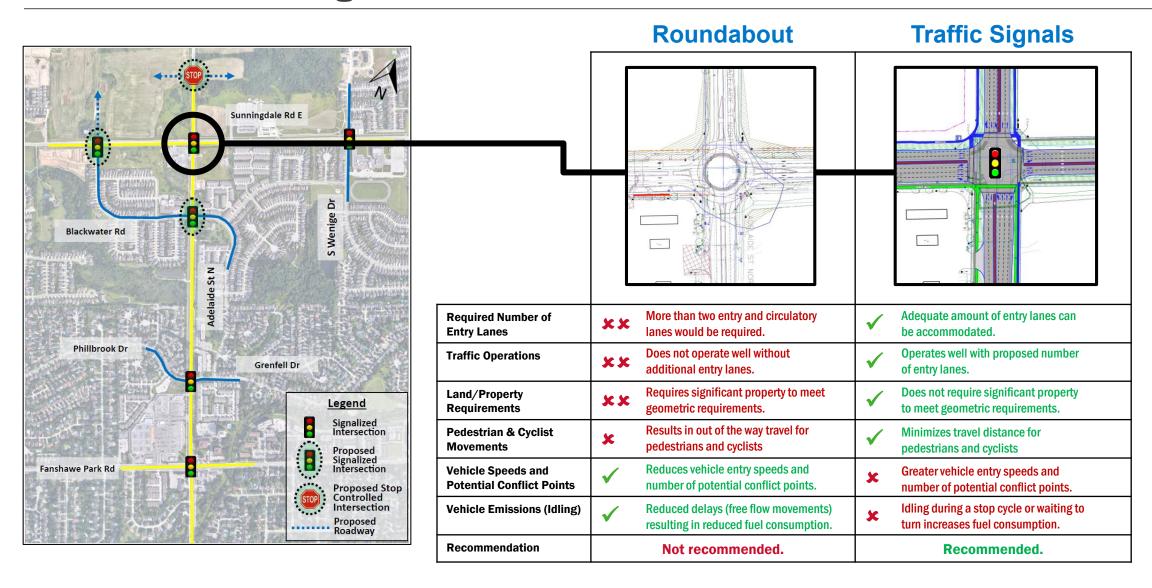


Proposed



- New traffic signals are warranted along Blackwater Road at Sunningdale Road East and Adelaide Street North.
- A roundabout is not recommended
 at the intersection of Adelaide
 Street North and Sunningdale
 Road East. A roundabout at this
 location would require more than
 two entry and circulatory lanes,
 operate worse than a signalized
 intersection, require significant
 land area and create challenges for
 pedestrian and cyclist movements.

Evaluation of Sunningdale Intersection



Potential Environmental Affects and Mitigation Measures

As a result of improvements to Adelaide Street North, **no significant environmental affects** are anticipated in areas which include Cultural Heritage, Archaeology, Property or Traffic/Transportation. Areas where mitigation measures will be considered during detailed design and construction stages are summarized below:

Criteria	Impacts	Mitigation Measures
Drainage/Stormwater Management	 Existing flooding issues at Powel Drain Culvert crossing. Increased stormwater run-off resulting from road widening. Disturbance to Groundwater. 	 Recommendations for improvements at the Powell Drain Culvert to reduce existing flooding issues such as better maintenance or relocation of existing orifice control at inlet. Exploration of Low-Impact Development (LID) measures in detailed design along the corridor and other potential concepts to help improve stormwater quality and quantity. A permit to take water will be obtained prior to dewatering activities, as required, and the amount of water to be displaced should be limited where possible.
Natural Environment - Aquatic and Terrestrial Ecosystems	 Potential on-site erosion of exposed materials such as sediments and other contaminants entering Powell and Worral Drains. Minor impacts to the local vegetation and wildlife from vegetation and tree removal. Disturbance and potential spread of invasive species. Potential impacts to wildlife entering work zone. 	 Construction fencing to delineate work areas, protect trees and minimize areas of disturbance. Implementation and maintenance of erosion and sediment controls (i.e. silt fencing) Disturbed areas will be vegetated and/or covered as soon as possible. Best Management Practices related to materials storage/stockpiling, equipment fueling and maintenance. Disturbance, clearing or disruption of vegetation where birds may be nesting will occur outside of the April 1 to August 31 timing window to avoid the breeding bird season. In-water work to be completed within the MNRF permitted timing window, to avoid impacts to fish during sensitive life stages. Recommendation for the management of invasive species prior to the commencement of construction to minimize disturbance and spread. This may include the use of herbicide application in combination with other non-chemical methods (ex. mowing). This coupled with long-term monitoring and re-treatments, as necessary. Use of Best Management Practices and Clean Equipment Protocol during construction.
Air Quality	 Potential short term increase in pollutants resulting from construction activities. 	Best practices to mitigate the spread of dust particles will be considered during construction. Additionally, tree planting along the corridor will help improve air quality in the long term.
Noise	 Potential for short-term increases in noise levels due to roadway construction. No significant increase in long-term noise levels are anticipated as a result of roadway widening (0.6 dBA). 	 Noise mitigation measures such as time of day restrictions for construction activities will be considered. No long-term noise mitigation measures are warranted since the noise difference over time is less than the 5.0 dBA change threshold required when considering permanent noise mitigation measures. Note: There are existing noise walls in place along the corridor.

Next Steps

- Review comments received at the PIC
- Confirm the Recommended Alternative Design Concept.
- Prepare the Environmental Study Report (ESR) to document the EA process
- Publish the ESR for 30-day public review period / Notice of Study Completion
- Construction tentatively planned for 2029

We encourage you to complete a comment sheet before leaving or submit your comments via email / mail to one of the following project team members by **June 19, 2019**:



Henry Huotari, P.Eng. **Project Manager** Parsons Inc. 1069 Wellington Road South, Suite 214 London, ON N6E 2H6

Tel: 519-286-5517

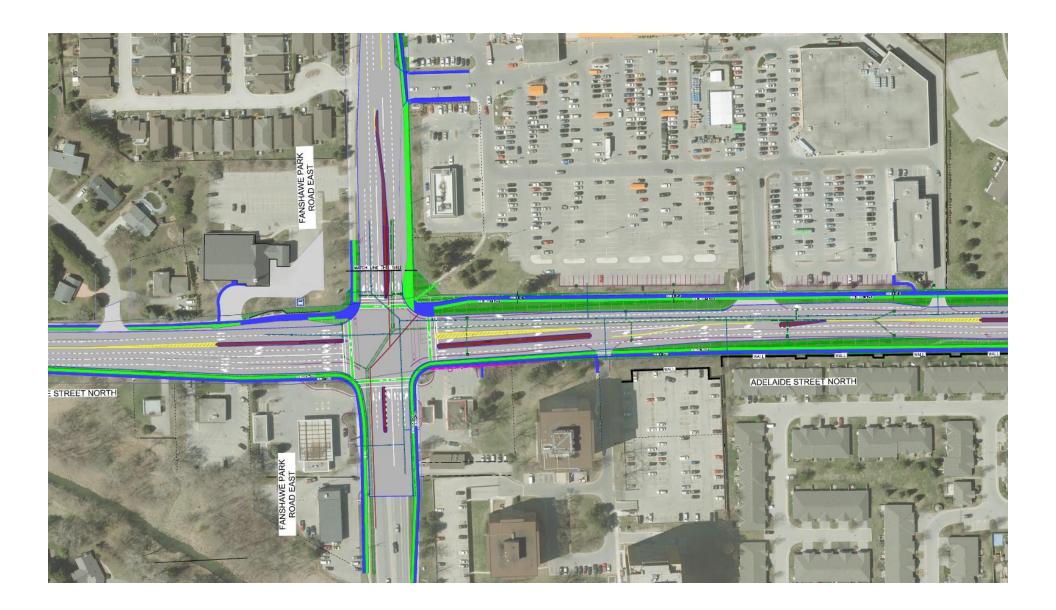
Email: Henry.Huotari@parsons.com

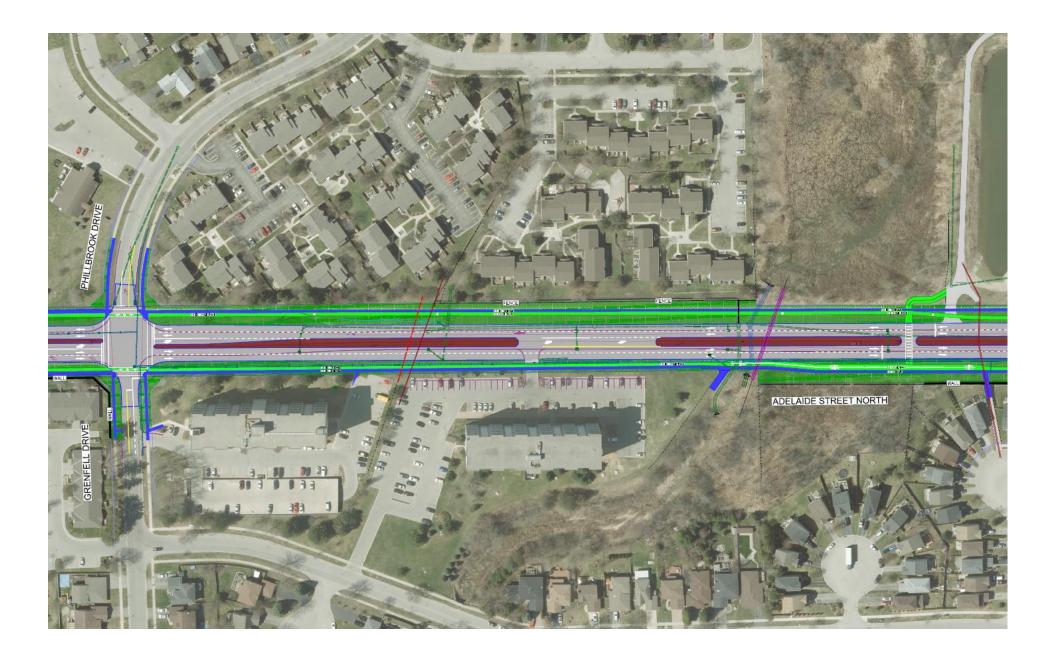
Matt Davenport, EIT **Project Manager** City of London 300 Dufferin Avenue, 6th Floor, P.O Box 5035 London, ON, N6A 4L9

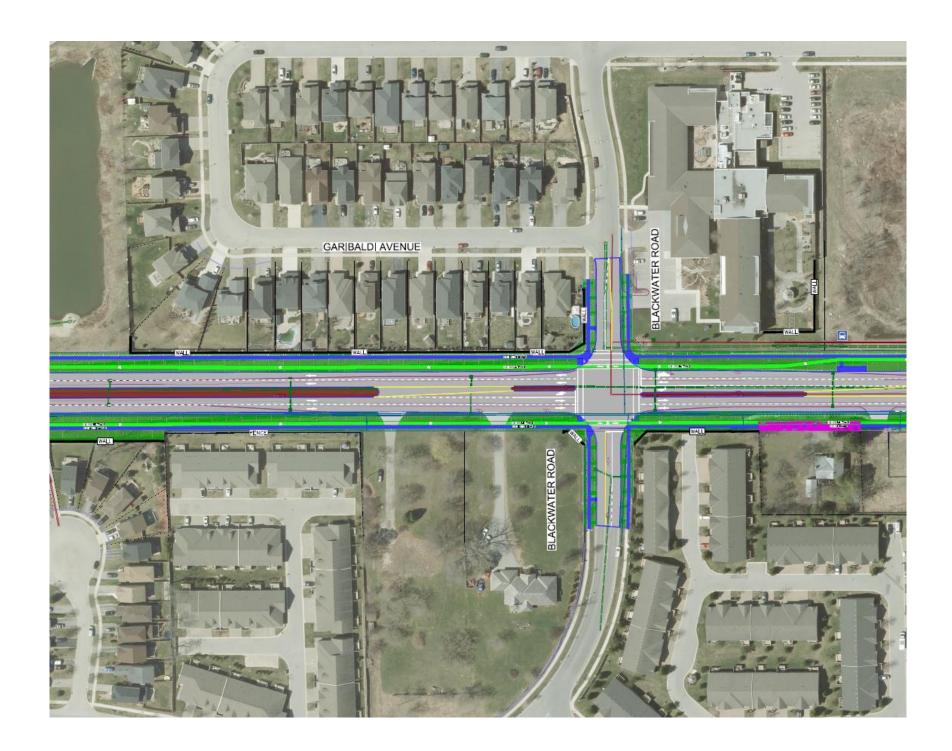
Tel: 519-661-2489 x5232

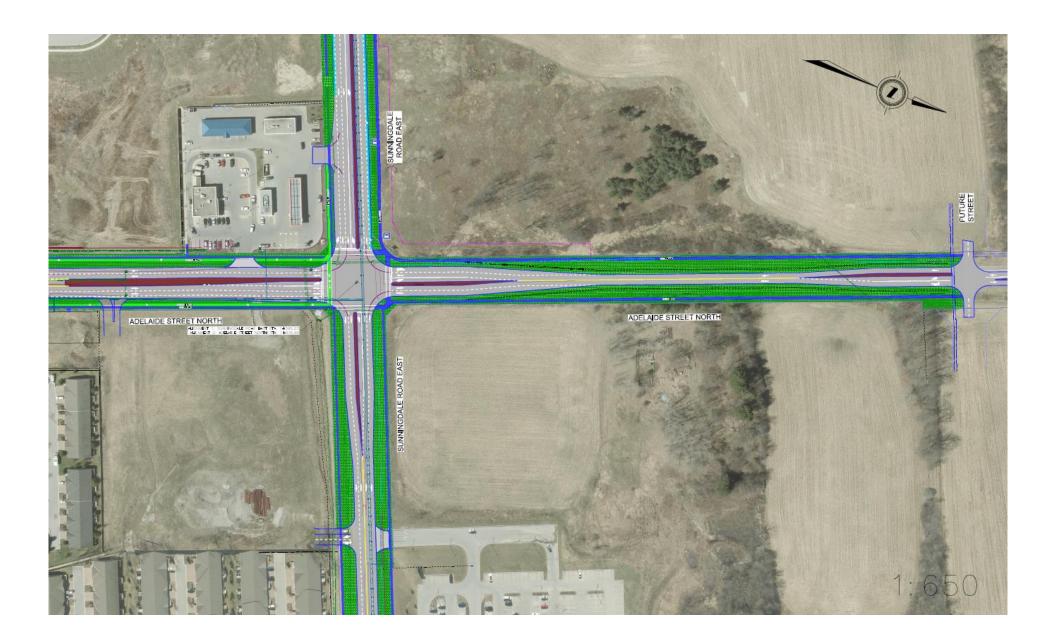
Email: mdavenport@london.ca













Comments Received





Municipal Class Environmental Assessment Study Public Information Centre No. 2 – Comment Form

Please indicat	te the appropriate response. You are:
From a	y Area Resident a Study Area Business erest Group Representative e specify below) Other (please specify)
Name:	
Organization / Business:	
Address:	
Phone:	
E-Mail:	
Comments:	Concern about driveway on adeland St. Georg
	converted to South turning only - 2TRESS ON
	Sidestreets in subdivision where will need to
	be asEd to enable truffer to yo west or north
	west already limited by sente island on FANShawe
	and stopping traffic from other dureway.
	reduce in pact on subdutision EAST of Adolarde
Please comple	ete this form and either deposit the form into the Comment Box provided or send by
	fax to the contact below by June 19, 2019:

Andrew Evraire, Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Andrew.Evraire@Parsons.com

Fax: 905-943-0400





Municipal Class Environmental Assessment Study Public Information Centre No. 2 – Comment Form

Please indica	ate the appropriate response. You are:		
From An Int	dy Area Resident a Study Area Business terest Group Representative se specify below)		Other (please specify)
Name:			
Organization / Business:			
Address:			
Phone:			
E-Mail:			
Comments:	widening is	af	ood plan
-	apreciate pla	ter	a stoplisht

Please complete this form and either deposit the form into the Comment Box provided or send by mail, email or fax to the contact below by **June 19, 2019**:

Andrew Evraire, Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Andrew.Evraire@Parsons.com

Fax: 905-943-0400





Municipal Class Environmental Assessment Study
Public Information Centre No. 2 – Comment Form

Please indicate the appropriate response. You are:	
 A Study Area Resident □ From a Study Area Business □ An Interest Group Representative (please specify below) 	Other (please specify)
Name:	
Organization / Business:	
Address:	
Phone:	
E-Mail:	
Comments: <u>ARGENCY FOR STOP</u>	LIGHTS AT BLACKWATER
(NOW > SPEED TOO H.	IGH COMING DOWN ADELAIDE ST
DANGEROUS TURNING	LEFT ON ADFAHIOE
4 SUNNINGDALE.	
POUND ABOUT PREFERE	SEE ATTACHMENT

Please complete this form and either deposit the form into the Comment Box provided or send by mail, email or fax to the contact below by **June 19, 2019**:

Andrew Evraire, Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Andrew.Evraire@Parsons.com

Fax: 905-943-0400

Adelaide St. N and Sunningdale Rd. E development plan comments

August 27, 2018 12:33 PM

Please keep me informed on the planning activity for the Adelaide St. N and Sunningdale Rd. E development plan.

The TMP recommends that "Adelaide N be widened from two lanes to four lanes by 2020", is of great concern too myself and other residents in the Uplands Crossing subdivision on the South East corner of Adelaide and Sunningdale. Access from our subdivision to either Sunningdale or Adelaide is already extremely dangerous. Four lanes on either or both Sunningdale and Adelaide would only compound the serious problem further.

The quick and dirty solution would be for traffic lights at both Sunningdale/Blackwater and Adelaide/Blackwater. A more modern, practical, and safer solution would be a roundabout at Adelaide and Sunningdale with medium barriers to prevent left turns from my subdivision, the subdivision southeast and the future subdivision northwest of the Sunningdale/Adelaide intersection.

benefits:

In terms of Widening Adelaide St. N to four lanes could be delayed for decades (the success of the roundabout at Sunningdale and Wonderland and 3 roundabouts Hwy # 7 near St. Mary's)

Cost savings in installation and maintenance of two or three traffic light systems

Fewer motor vehicle accidents in the area

Roundabouts at Adelaide and Wonderland could be incorporated into a network of six roundabouts from Hyde Park to Clarke Rd. on Sunningdale that would provide a route across the north of London without incurring the cost of an expressway ring road or widening any part of Sunningdale for decades.

Reduced cost. Savings could be spent on other needed infrastructure projects (underpass at Adelaide CP railway crossing)

Improved environment, less traffic sitting and idling





Municipal Class Environmental Assessment Study

Public Information Centre No. 2 - Comment Form

A Study Are From a Stu An Interest	e appropriate response. You are: ea Resident dy Area Business Group Representative ecify below)
Name:	
Organization / Business:	
Address:	
Phone:	
E-Mail:	
Comments:	traific light is needed at Bladzwater, which is good. Roundaloud is strongly preferred at Sunninglate + Adelaide, for better flow. Land s available.

Please complete this form and either deposit the form into the Comment Box provided or send by mail, email or fax to the contact below by **June 19, 2019**:

Andrew Evraire, Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Andrew.Evraire@Parsons.com

Fax: 905-943-0400





Municipal Class Environmental Assessment Study Public Information Centre No. 2 – Comment Form

Please indicate	e the appropriate response. You are:	
☐ From a☐ An Inte	Area Resident Study Area Business rest Group Representative specify below)	Other (please specify)
Name:		
Organization / Business:		
Address:		
Phone:		
E-Mail:		
Comments:		

Please complete this form and either deposit the form into the Comment Box provided or send by mail, email or fax to the contact below by **June 19, 2019**:

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Fax: 905-943-0400





Municipal Class Environmental Assessment Study
Public Information Centre No. 2 – Comment Form

Please indicate the appropriate respons	se. You are:
 A Study Area Resident From a Study Area Business An Interest Group Representativ (please specify below) 	Other (please specify)
Name:	
Organization / Business:	
Address:	
Phone:	
E-Mail:	
Comments:	I like the current plan.
	, and the second

Please complete this form and either deposit the form into the Comment Box provided or send by mail, email or fax to the contact below by **June 19, 2019**:

Andrew Evraire, Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

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☐ From a	dy Area Resident a Study Area Business erest Group Representative e specify below)		Other (please specify)
Name:			
Organization / Business:			
Address:			
Phone:			
E-Mail:			
Comments:	4		
	Treffic light at	7	Alekante en 1 reeded ASAP
	to avoit accide	it	& and hor prom
	safely for biken	7	and perfestrain
	3		

Please complete this form and either deposit the form into the Comment Box provided or send by mail, email or fax to the contact below by **June 19, 2019**:

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Email: Andrew.Evraire@Parsons.com

Fax: 905-943-0400





Municipal Class Environmental Assessment Study
Public Information Centre No. 2 – Comment Form

Please indica	ate the appropriate response. You a	re:	
☐ From :☐ An Int	dy Area Resident a Study Area Business erest Group Representative se specify below)		Other (please specify)
Name:			
Organization / Business:			
Address:			
Phone:			
E-Mail:			
Comments:	Like the proposar	C. Will	1 make traffic
	more controlled.	- especi	ally the new
	stoplights and m	rediens	Will help walkers & bit
	Thank you for a	doing	community
	consultation!		
	*		
	-		

Please complete this form and either deposit the form into the Comment Box provided or send by mail, email or fax to the contact below by **June 19, 2019**:

Andrew Evraire, Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Andrew.Evraire@Parsons.com

Fax: 905-943-0400





Municipal Class Environmental Assessment Study Public Information Centre No. 2 – Comment Form

Please indica	te the appropriate response. You are:
☐ From a	dy Area Resident a Study Area Business erest Group Representative e specify below) Other (please specify) ———————————————————————————————————
Name:	
Organization / Business:	
Address:	
Phone:	
E-Mail:	
Comments:	The marsh is important for all animals we have
	seen (deer, hawks, birds, squirrels, etc.) BUT the giant
	trees along Adelaide (at the animal crossing & Powell Frain)
	are critical for their survival. Animals live in those frees,
	So without them, the marsh will suffer. Please do not
	cut those trees. We see dozens of bird species that
	need those trees as a home near the marsh where they feed
Please complete this form and either deposit the form into the Comment Box provided or send by mail, email or fax to the contact below by June 19, 2019:	

Andrew Evraire, Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Andrew.Evraire@Parsons.com

Fax: 905-943-0400





ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study Public Information Centre No. 2 – Comment Form

Please indica	te the appropriate re	esponse. You are:	
☐ From a	ly Area Resident a Study Area Busines erest Group Represe e specify below)		Other (please specify)
Name:			
Organization / Business:		2	
Address:			
Phone:			
E-Mail:			
Comments:	WIDEN F	Rom CEWRE	LINE WOK & GLOOD
	TRAFFIC	LIGHTS AT	ADEDLIADE
	AND	BLACKFIAR S	NEEDED AS
	SON	AS POSSIBL	E

Please complete this form and either deposit the form into the Comment Box provided or send by mail, email or fax to the contact below by **June 19, 2019**:

Andrew Evraire, Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Andrew.Evraire@Parsons.com

Fax: 905-943-0400





ADELAIDE STREET NORTH, FROM FANSHAWE PARK ROAD EAST TO SUNNINGDALE ROAD EAST, CITY OF LONDON

Municipal Class Environmental Assessment Study Public Information Centre No. 2 – Comment Form

Please indicat	e the appropriate response.	You are:		
☐ From a☐ An Inte	y Area Resident Study Area Business erest Group Representative e specify below)		Other (please specify)	
Name:				
Organization / Business:				<u>.</u>
Address:				
Phone:				
E-Mail:				- ř A
Comments:	Glad that these road Too often in	le city is s in anti this city	planning to exp cipation of grow, they did not a	the safe
o viden	growth + ro	ads are c st. dountou on this	on)	<u>d.but</u> nost
	=			

Please complete this form and either deposit the form into the Comment Box provided or send by mail, email or fax to the contact below by **June 19, 2019**:

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Municipal Class Environmental Assessment Study
Public Information Centre No. 2 – Comment Form

Please indic	ate the appropriate response. You are:		
☐ From☐ An In	dy Area Resident a Study Area Business terest Group Representative se specify below)		Other (please specify)
Name:			
Organization / Business:	,		
Address:			,
Phone:			
E-Mail:			
Comments:	Well overdue improva		
	certainly rejuired a	1	Black woter - Sunningdok
	& Adeloide sides. Sado	ler	ed to see the
	round about it out of	- (onsiderdation Please
	lock into the signal	7:	mings at Adelaick
	& Philbrook as there is	a	new commercial
	cevea which charge	ز	troffic a) peak hours
			•

Please complete this form and either deposit the form into the Comment Box provided or send by mail, email or fax to the contact below by **June 19, 2019**:

Andrew Evraire, Planner

Mailing Address: 1069 Wellington Road South, Suite 214, London, ON N6E 2H6

Email: Andrew.Evraire@Parsons.com

Fax: 905-943-0400

Evraire, Andrew

Subject: FW: Adelaide Street North Meeting #2

From:

Sent: Thursday, June 6, 2019 8:44 AM

To: Huotari, Henry < Henry <a href="mailto:Henry.Huotari@parsons.com

Subject: Adelaide Street North Meeting #2

Hi there:

I was unable to attend this meeting last night due to travel. Wanted to put forth that back of should have a sound barrier installed if the Adelaide Street North Widening is to take place. This would be very noisey for the occupants/owners should the street come closer to the property. Please ensure this is captured in the feedback. Thank you.

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Evraire, Andrew

	·				
Subjec	t: FW: Adelaide Street North, Municipal Class EA - Comments				
To: md	Vednesday, June 19, 2019 9:49 PM avenport@London.ca; Huotari, Henry < Henry.Huotari@parsons.com > t: [EXTERNAL] Adelaide Street North, Municipal Class EA - Comments				
Hi Henry and Matt,					
review opport detaile vehicu	We have ved your Adelaide St. N. EA materials from the June 5 PIC #2 meeting and wanted to take this runity to provide more formal comments to you and the study team as the project moves forward to the ed design stage. We firmly believe that changes to Adelaide Street North are required to ease the lar strain on local businesses and residential communities and thus we are not opposed to the EA study, were we want to ensure that this is done in the best possible fashion to protect both the local and broader communities.				
	fer the following comments in respect of the study and we would welcome the opportunity to discuss with you in greater detail:				
1)	has a traffic light been considered at the primary entrance to the Sobeys/Home Depot properties? We believe based on current vehicular traffic patterns that one may be warranted as there is significant vehicle back-up leaving the site creating congestion and at the south end of the study area in general. The second part to this question is has a TIS been completed to suggest that a traffic light is not warranted at that location?				
2)	How large is the ROW widening that is being considered from the east and west sides of the site per the recommendations of the study team? Do I understand this correctly as 3.5 metres from both sides of the ROW?				
3)	What is the likelihood that this design will carry forward to the fall/winter (i.e. PIC #3) or will additional changes be considered as comments are received following today's deadline for comments?				
Thank	you for your consideration and please feel free to reach out to me to discuss.				

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Evraire, Andrew

From: Huotari, Henry

Sent: Wednesday, June 26, 2019 4:35 PM **To:** Evraire, Andrew; Doucette, Tisha

Subject: FW: Adelaide Street North Environmental Assessment (EA) - Public Comments from PIC #2

Importance: High

From:

Sent: Wednesday, June 26, 2019 4:32 PM

To: mdavenport@London.ca; Huotari, Henry <Henry.Huotari@parsons.com>

Cc:

Subject: [EXTERNAL] Adelaide Street North Environmental Assessment (EA) - Public Comments from PIC #2

Importance: High

Hi Matt and Henry,

Further to your Public Information Centre meeting #2 which took place on June 5, we wanted to provide the following comments regarding your EA process that is underway for the stretch of Adelaide Street N. (from Fanshawe Park Rd. E. to north of Sunningdale Rd. E.).

we have comments regarding the process to date and next steps. I understand that the deadline for comments was June 19, and I did submit an email on that day with our comments, however I was travelling that week and now realize that due to the IT issues I was experiencing all week while away, the email did not make it through to you. Please accept our comments as follows:

- The recommendation by the study team is to take land on both the east and west sides of Adelaide St.
 N. to accommodate the widening (rather than all on one side or the other) as it creates the least amount of impact overall can you confirm if this would include 3.5 metres from each side, which is what I understood from the PIC 2 panels;
- The study team are not currently proposing a traffic light into the Sobeys/Home Depot properties, which we see as problematic as there are numerous traffic concerns, particularly at the south end of the study area with inbound and outbound vehicle queuing. Was a TIS completed to determine another traffic light was not warranted? Please keep in mind that we appreciate the steps that were included in the roll plan i.e. dedicated right-turn lane for southbound traffic and dedicated left-turn lane for northbound traffic into the property, however were very concerned that even with these improvements, they will not fully resolve the issues that have developed over time;
- When will a detailed design be ready for public review and what opportunity do we have to provide additional comments at that time?; and
- Would a separate meeting be possible to discuss these issues further, if necessary?

Thank you for the opportunity to provide feedback and I apologize for just realizing now that this email did not deliver from my outbox. Thank you.

'NOTICE: This email message and all attachments transmitted with it may contain privileged and confidential information, and information that is protected by, and proprietary to, Parsons Corporation, and is intended solely for the use of the addressee for the specific purpose set forth in this communication. If the reader of this message is not the intended recipient, you are hereby notified that any reading, dissemination, distribution, copying, or other use of this message or its attachments is strictly prohibited, and you should delete this message and all copies and backups thereof. The recipient may not further distribute or use any of the information contained herein without the express written authorization of the sender. If you have received this message in error, or if you have any questions regarding the use of the proprietary information contained therein, please contact the sender of this message immediately, and the sender will provide you with further instructions.'

Evraire, Andrew

From: Huotari, Henry

Sent: Wednesday, June 26, 2019 1:33 PM

To: Evraire, Andrew; Hussain, Altaf; Doucette, Tisha

Subject: FW: Adelaide EA

From:

Sent: Wednesday, June 26, 2019 1:10 PM

To: Huotari, Henry <Henry.Huotari@parsons.com>; mdavenport@London.ca

Subject: [EXTERNAL] Adelaide EA

For the widening of Adelaide north up to Sunningdale, I have read over your PDF (sorry I couldn't make it to the info night at Lucas).

Overall I'm pleased with the solutions proposed.

Ideally, what I would like to see is a dedicated right turn lane when going north on Adelaide, from the corner up to Grenfell. And here's why – after going north across Fanshawe, Grenfell and the apartment buildings (at 1570/1580 Adelaide) are very common destinations for drivers. Without a turning lane that would divert those users into those two destinations, I fear that the widening of Adelaide (the new northbound lane) will be underutilized, since cars will always be in the left lane to avoid right-turners early on.

Another problem is missing traffic management when entering/exiting the Sobey's plaza (1595 Adelaide). This is a popular destination at any time of day, but especially during rush hours. The most dangerous part is the existing bike path, where (as an occasional bike rider here) I have to be EXTREMELY careful of any traffic blasting in or out of this parking lot and not stopping until they are well within the sidewalk and bike lane. I seriously fear for my kids when they ride bikes there. This widening is (probably) going to exacerbate the problem even further. And to be honest, I don't know how to solve it. Maybe traffic lights; maybe a median so that drivers can only enter/exit the plaza when southbound; maybe some other way out of the plaza would allow us to better manage the volume of cars there. Regardless, please ensure that the new "1.8m cycle tracks" continue all the way to the Adelaide/Fanshawe intersection to prevent a strange transition for bike riders.

Thanks for listening.



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Evraire, Andrew

Subject:

FW: Adelaide St. North EA - public info session - comments

From:

Sent: May 31, 2019 2:56 PM

To: Huotari, Henry < <u>Henry.Huotari@parsons.com</u>>; Davenport, Matthew < <u>mdavenport@london.ca</u>>

Subject: [EXTERNAL] Adelaide St. North EA - public info session - comments

good afternoon gents.

I am unable to attend the public info session at A.B. Lucas on the 5th of June, so may I please submit my comments to you directly, as follows & attached.

Certainly a full traffic light intersection is going to be required at Adelaide & Blackwater. Having the detector loops on Blackwater will help keep the green on Adelaide going on and on, until we get left turn traffic from Blackwater.

There is frequent 4 way pedestrian traffic as well.

That stretch of Adelaide is already a racetrack for 2 and 4 wheeled vehicles (motorized 2 wheels), so going to 4 lanes will likely increase the 'racing' as there is less traffic to hold them up. A 50 KM speed limit is worth asking for, but please do go for 60 max.

With increased traffic, and maybe speed, comes more noise.

the racket is quite disruptive at times. A proper would be most helpful in Perhaps even taking it a short distance to the east along Blackwater ???

I recall seeing the long term plan for Sunningdale showing a Roundabout at Adelaide. This is a good thing.

Thank you for listening, and for the consideration of my comments. I do hope to be around if & when a follow up public session is done next year.

Cheers



General Correspondence

Public and Stakeholder Correspondence





The Corporation of the City of London 300 Dufferin Avenue P.O. Box 5035 London ON N6A 4L9

November 11, 2019



Attention: Property Manager

Re: Access to Municipal Address 1830 Adelaide Street North;

Adelaide Street North Municipal Class Environmental Assessment Study

City of London

The City of London has retained Parsons Inc. to undertake a study for the widening of Adelaide Street North, as per the recommendations in the City's Smart Moves 2030 Transportation Master Plan (2013). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to the Stoney Creek Community Centre entrance. This project is being carried out under the planning and design process for a Schedule C project as outlined in the Municipal Engineers Association's Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 and 2015). Construction is anticipated to commence in 2029. Additional information on the project background can be found on the project website: http://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx

The recommended design includes widening of Adelaide Street from the centerline (approximately widening from both west and east sides) and operational / intersection improvements. As part of the recommended design, it is proposed that the future driveway access located at the south limit of your property on Adelaide Street North will operate for right-in and right-out only movements due to the installation of centre medians approaching the Adelaide Street/Sunningdale Road intersection. This was considered to help improve vehicular safety by eliminating potential vehicle conflicts that would occur among vehicles travelling in and out of adjacent driveways with through and left turning vehicles along Adelaide Street North. The proposed change is illustrated in **Figure 1** below.

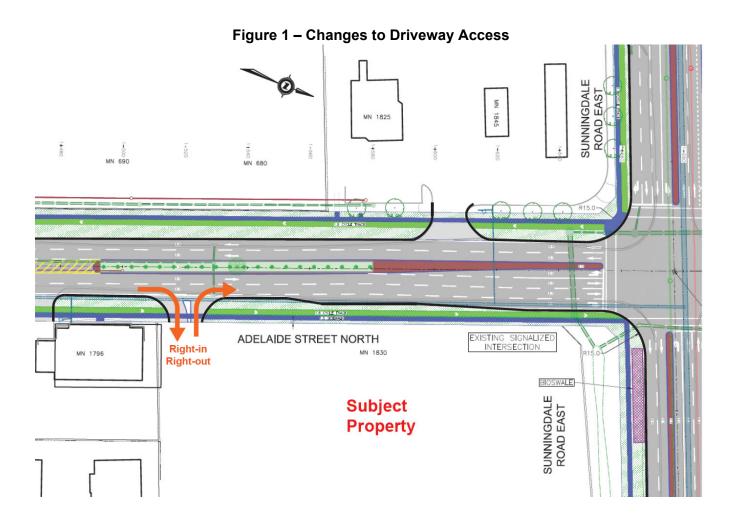
As this study is moving towards completion, we would like to extend the offer of a meeting to discuss the project and the proposed driveway access changes. If you would like to meet and discuss the project at a time which is convenient for you, please contact the undersigned.

We look forward to working with you throughout the remainder of this study.

Sincerely,

Matt Davenport, EIT
Engineer in Training
Development & Compliance Services
519.661.2489 x5232
mdavenport@london.ca

cc: Altaf Hussain, P.Eng. – Project Manager, Parsons Inc.





The Corporation of the City of London 300 Dufferin Avenue P.O. Box 5035 London ON N6A 4L9

November 11, 2019



Attention: Property Manager

Re: Access to Municipal Address 2230 Blackwater Road;

Adelaide Street North Municipal Class Environmental Assessment Study

City of London

The City of London has retained Parsons Inc. to undertake a study for the widening of Adelaide Street North, as per the recommendations in the City's Smart Moves 2030 Transportation Master Plan (2013). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to the Stoney Creek Community Centre entrance. This project is being carried out under the planning and design process for a Schedule C project as outlined in the Municipal Engineers Association's Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 and 2015). Construction is anticipated to commence in 2029. Additional information on the project background can be found on the project website: http://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx

The recommended design includes widening of Adelaide Street from the centerline (approximately widening from both west and east sides) and operational / intersection improvements. As part of the recommended design, it is proposed that the driveway access located at the eastern limit of your property on Sunningdale Road East will operate for right-in and right-out only movements due to the installation of centre medians approaching the Adelaide Street/Sunningdale Road intersection. This was considered to help improve vehicular safety by eliminating potential vehicle conflicts that would occur among vehicles travelling in and out of adjacent driveways with through and left turning vehicles along Sunningdale Road East. The proposed change is illustrated in **Figure 1** below.

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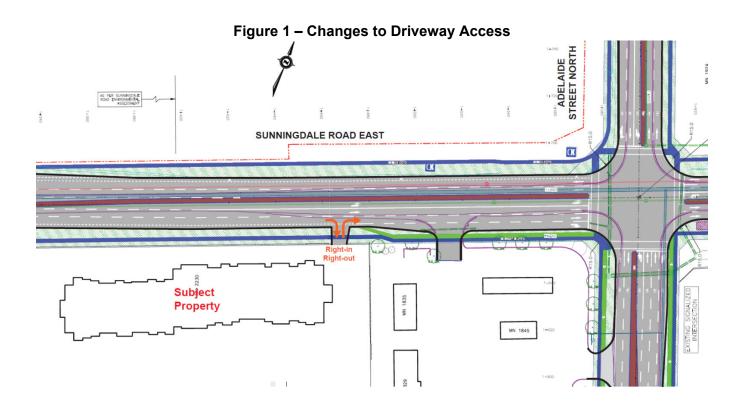
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mdavenport@london.ca

cc: Altaf Hussain, P.Eng. – Project Manager, Parsons Inc.







RE: Adelaide Street North Municipal Class Environmental Assessment Study, City of London

Dear Store Manager,

The City of London has retained Parsons Inc. to undertake a study for the widening of Adelaide Street North, as per the recommendations in the City's Smart Moves 2030 Transportation Master Plan (2013). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance. This project is being carried out under the planning and design process for a Schedule C project as outlined in the Municipal Engineers Association's Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 and 2015). Construction is anticipated to commence in 2029. Additional information on the project background can be found on the project website: http://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx

The recommended design includes widening Adelaide from the centerline (approximately widening from both west and east sides) and operational / intersection improvements. As part of the recommended design, it is proposed that the driveway access to your property from Sunningdale Road East and Adelaide Street North will be changed to right-in and right-out only movements due to the installation of centre medians approaching the Adelaide Street/Sunningdale Road intersection from both the south and west sides. This was considered to help improve vehicular safety by eliminating potential vehicle conflicts that would occur among vehicles in and out of these driveways with through and left turning vehicles along the Adelaide Street North and Sunningdale Road East corridors. The proposed changes at driveways are illustrated in **Figure 1**.

As this study is moving towards completion, we would like to extend the offer of a meeting to discuss the project and the proposed driveway access changes. If you would like to meet and discuss the project at a time which is convenient for you, please contact the City of London's project manager below:

Matt Davenport, Project Manager

City of London 300 Dufferin Avenue, 6th Floor, P.O Box 5035 London, ON N6A 4L9

Tel: 519-661-2489 x5232 Email: mdavenport@london.ca

We look forward to working with you throughout the remainder of this study.

Sincerely,

Allin



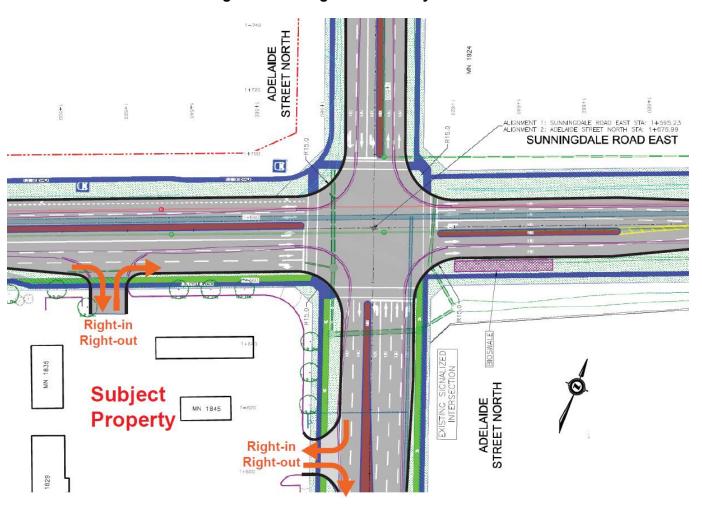


Figure 1 – Changes to Driveway Access





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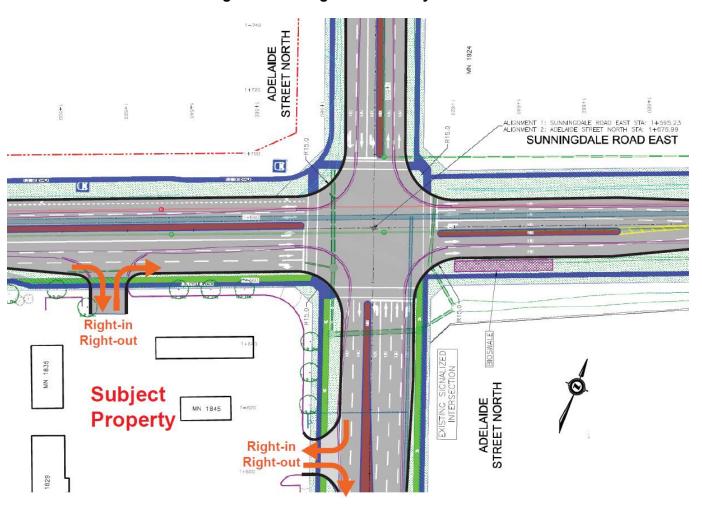


Figure 1 – Changes to Driveway Access





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The recommended design includes widening Adelaide from the centerline (approximately widening from both west and east sides) and operational / intersection improvements. As part of the recommended design, it is proposed that the driveway access to your property from Sunningdale Road East and Adelaide Street North will be changed to right-in and right-out only movements due to the installation of centre medians approaching the Adelaide Street/Sunningdale Road intersection from both the south and west sides. This was considered to help improve vehicular safety by eliminating potential vehicle conflicts that would occur among vehicles in and out of these driveways with through and left turning vehicles along the Adelaide Street North and Sunningdale Road East corridors. The proposed changes at driveways are illustrated in **Figure 1**.

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Tel: 519-661-2489 x5232 Email: mdavenport@london.ca

We look forward to working with you throughout the remainder of this study.

Sincerely,

Adhi



Right-in Right-out

Subject
Property

Right-in Right-out

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Figure 1 – Changes to Driveway Access





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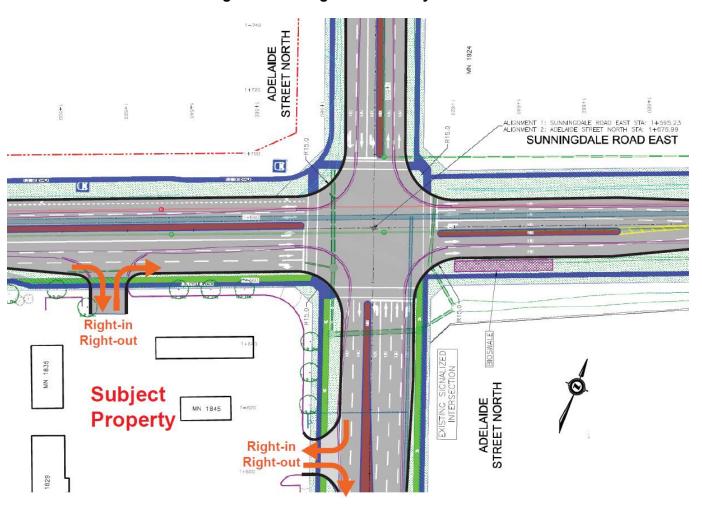


Figure 1 – Changes to Driveway Access



June 3, 2019



RE: Adelaide Street North Municipal Class Environmental Assessment Study

Dear Store Manager,

The City of London has retained Parsons Inc. to undertake a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's Smart Moves Transportation Master Plan (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance. This project is being carried out under the planning and design process for a Schedule C project as outlined in the Municipal Engineers Association's Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 and 2015). Construction is anticipated to commence in 2029.

The purpose of this letter is to inform you of the upcoming Public Information Centre (PIC) scheduled for June 5, 2019 to discuss the alternative design concepts considered for the corridor, preliminary preferred alternative design concept and potential impacts and mitigation measures. **Details of the PIC are provided on the attached notice** and the project team will be available to meet with you beginning at 4:30 PM on the date of the PIC to address any specific questions or concerns you may have as it relates to the project.

The recommended design includes widening Adelaide from the centerline (approximately widening from both west and east sides) and operational / intersection improvements. It is anticipated that the driveway access to your property will be changed to a right-in, right-out only movement due to the installation of a median approaching the Adelaide/Fanshawe Park intersection. Additionally, the project will require a small portion of your existing property frontage (See Figure 1). The City's existing Right of Way (ROW) is not sufficient to accommodate the widening. Understanding that this is short notice for the PIC, we would like to extend the offer of a separate meeting to discuss the project and anticipated property requirements and driveway changes. If you would like to meet and discuss the project at a time which is convenient for you, please contact the City of London's project manager below:

Matt Davenport, Project Manager

City of London 300 Dufferin Avenue, 6th Floor, P.O Box 5035 London, ON N6A 4L9 Tel: 519-661-2489 x5232

Email: mdavenport@london.ca

We look forward to working with you throughout the remainder of this study.

Sincerely,



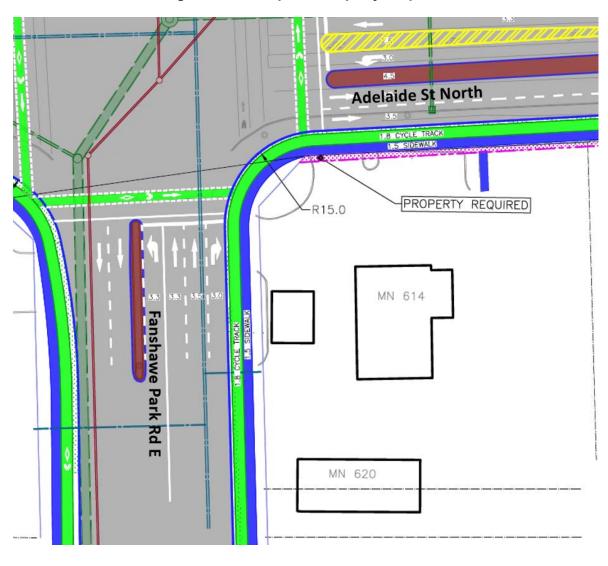


Figure 1 – Anticipated Property Required







Adelaide Street North Municipal Class Environmental Assessment Study

Notice of Public Information Centre No. 2

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Public consultation is a key element of the EA planning process, and the second Public Information Centre (PIC) to share study details with the public is scheduled for:

Date: Wednesday, June 5, 2019

Time: 5:00 pm – 7:00 pm

Location: A. B. Lucas Secondary School

656 Tennent Avenue London, ON, N5X 1L8

For those taking London Transit, local routes 16 and 40 are accessible by a short

walking distance from the PIC venue.

The PIC will be held as a drop-in format, where attendees can freely browse the display boards, which will be used to present and obtain feedback on:

- The alternative design concepts and evaluation criteria;
- The preliminary preferred alternative design concept; and,
- Potential impacts and mitigation measures.

Following the PIC, in consideration of the comments received, the project team will confirm the preferred alternative design concept. Afterwards, an Environmental Study Report (ESR), which documents the EA process undertaken, will be compiled and made available for 30-day public review.

For more information, to provide comments, or to be added to the mailing list, please visit http://www.london.ca/residents/environment/EAs/Pages/default.aspx or contact:

Henry Huotari, Project Manager Parsons Inc.

1069 Wellington Road South, Suite 214 London, ON N6E 2H6

Tel: 519-286-5517

Email: henry.huotari@parsons.com

Matt Davenport, Project Manager City of London

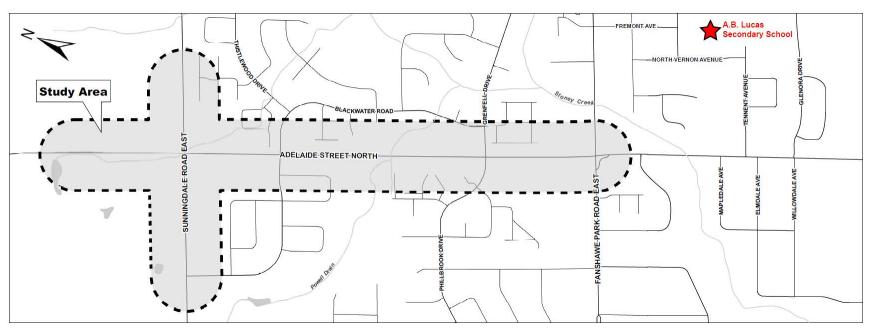
300 Dufferin Avenue, 6th Floor, P.O Box 5035 London. ON N6A 4L9

Tel: 519-661-2489 x5232 Email: mdavenport@london.ca

ADELAIDE STREET NORTH

MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT

STUDY AREA KEY MAP



PIC Venue Address

A.B. Lucas Secondary School Cafeteria 656 Tennent Avenue London, ON, N5X 1L8

London Transit

LTC Route # - 16 LTC Route # - 40

Driving

If coming from Fanshawe Rd E, turn south onto Glengarry Ave and west onto Tennent Ave.

If coming from Adelaide Street N, turn east onto Glenora Dr, north on Glengarry Ave and west onto Tennent Ave.



June 3, 2019



RE: Adelaide Street North Municipal Class Environmental Assessment Study

Dear Branch Manager,

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As part of the recommended design, it is anticipated that the driveway access to your property will be changed to a right-in, right-out only movement due to the installation of a median approaching the Adelaide/Fanshawe Park intersection. Understanding that this is short notice for the PIC, we would like to extend the offer of a separate meeting to discuss the project and anticipated driveway changes. If you would like to meet and discuss the project at a time which is convenient for you, please contact the City of London's project manager below:

Matt Davenport, Project Manager City of London 300 Dufferin Avenue, 6th Floor, P.O Box 5035 London, ON N6A 4L9

Tel: 519-661-2489 x5232 Email: mdavenport@london.ca

We look forward to working with you throughout the remainder of this study.

Sincerely,

Henry Huotari, P.Eng. Project Manager, Parsons Inc. Henry.Huotari@parsons.com | (519) 286-5517







Adelaide Street North Municipal Class Environmental Assessment Study

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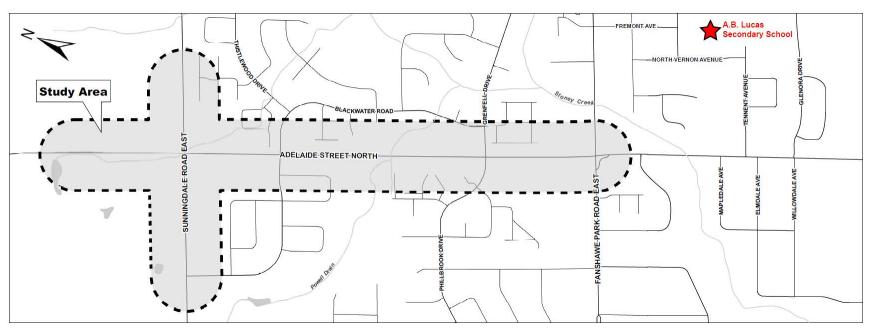
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Tel: 519-661-2489 x5232 Email: mdavenport@london.ca

ADELAIDE STREET NORTH

MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT

STUDY AREA KEY MAP



PIC Venue Address

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The PIC will be held as a drop-in format, where attendees can freely browse the display boards, which will be used to present and obtain feedback on:

- The alternative design concepts and evaluation criteria;
- The preliminary preferred alternative design concept; and,
- Potential impacts and mitigation measures.

Following the PIC, in consideration of the comments received, the project team will confirm the preferred alternative design concept. Afterwards, an Environmental Study Report (ESR), which documents the EA process undertaken, will be compiled and made available for 30-day public review.

For more information, to provide comments, or to be added to the mailing list, please visit http://www.london.ca/residents/environment/EAs/Pages/default.aspx or contact:

Henry Huotari, Project Manager Parsons Inc.

1069 Wellington Road South, Suite 214 London, ON N6E 2H6

Tel: 519-286-5517

Email: henry.huotari@parsons.com

Matt Davenport, Project Manager City of London

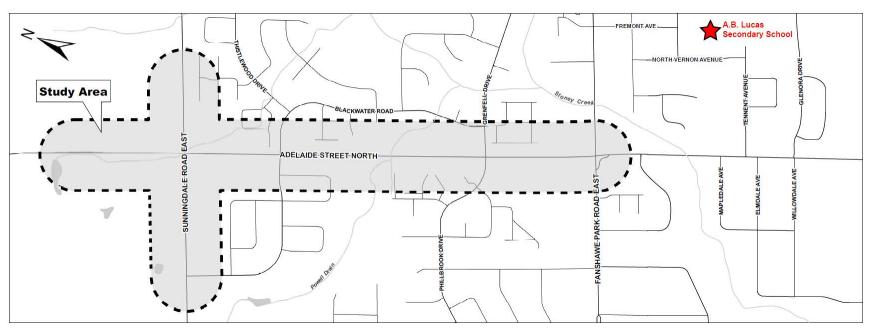
300 Dufferin Avenue, 6th Floor, P.O Box 5035 London. ON N6A 4L9

Tel: 519-661-2489 x5232 Email: mdavenport@london.ca

ADELAIDE STREET NORTH

MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT

STUDY AREA KEY MAP



PIC Venue Address

A.B. Lucas Secondary School Cafeteria 656 Tennent Avenue London, ON, N5X 1L8

London Transit

LTC Route # - 16 LTC Route # - 40

Driving

If coming from Fanshawe Rd E, turn south onto Glengarry Ave and west onto Tennent Ave.

If coming from Adelaide Street N, turn east onto Glenora Dr, north on Glengarry Ave and west onto Tennent Ave.



June 3, 2019



RE: Adelaide Street North Municipal Class Environmental Assessment Study

Dear Property Manager,

The City of London has retained Parsons Inc. to undertake a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's Smart Moves Transportation Master Plan (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance. This project is being carried out under the planning and design process for a Schedule C project as outlined in the Municipal Engineers Association's Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 and 2015). Construction is anticipated to commence in 2029.

The purpose of this letter is to inform you of the upcoming Public Information Centre (PIC) scheduled for June 5, 2019 to discuss the alternative design concepts considered for the corridor, preliminary preferred alternative design concept and potential impacts and mitigation measures. **Details of the PIC are provided on the attached notice** and the project team will be available to meet with you beginning at 4:30 PM on the date of the PIC to address any specific questions or concerns you may have as it relates to the project.

The recommended design, which includes widening Adelaide from the centerline (approximately widening from both west and east sides) and operational / intersection improvements, will require a small portion of your existing property frontage (See Figure 1). The City's existing Right of Way (ROW) is not sufficient to accommodate the widening. Understanding that this is short notice for the PIC, we would like to extend the offer of a separate meeting to discuss the project and anticipated property requirements. If you would like to meet and discuss the project at a time which is convenient for you, please contact the City of London's project manager below:

Matt Davenport, Project Manager

City of London
300 Dufferin Avenue, 6th Floor, P.O Box 5035
London, ON N6A 4L9
Tall 510 661 2480 v5232

Tel: 519-661-2489 x5232 Email: mdavenport@london.ca

We look forward to working with you throughout the remainder of this study.

Sincerely,

Henry Huotari, P.Eng.
Project Manager, Parsons Inc.
Henry.Huotari@parsons.com | (519) 286-5517



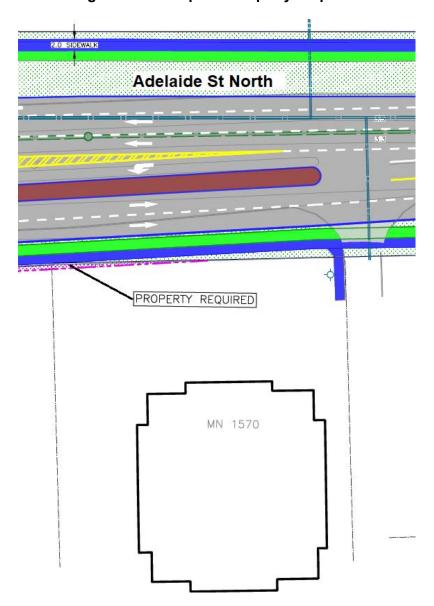


Figure 1 – Anticipated Property Required





Adelaide Street North Municipal Class Environmental Assessment Study

Notice of Public Information Centre No. 2

The City of London is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance. This project is being carried out under the planning and design process for a Schedule C project as outlined in the Municipal Engineers Association's *Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 and 2015).*

Public consultation is a key element of the EA planning process, and the second Public Information Centre (PIC) to share study details with the public is scheduled for:

Date: Wednesday, June 5, 2019

Time: 5:00 pm – 7:00 pm

Location: A. B. Lucas Secondary School

656 Tennent Avenue London, ON, N5X 1L8

For those taking London Transit, local routes 16 and 40 are accessible by a short

walking distance from the PIC venue.

The PIC will be held as a drop-in format, where attendees can freely browse the display boards, which will be used to present and obtain feedback on:

- The alternative design concepts and evaluation criteria;
- The preliminary preferred alternative design concept; and,
- Potential impacts and mitigation measures.

Following the PIC, in consideration of the comments received, the project team will confirm the preferred alternative design concept. Afterwards, an Environmental Study Report (ESR), which documents the EA process undertaken, will be compiled and made available for 30-day public review.

For more information, to provide comments, or to be added to the mailing list, please visit http://www.london.ca/residents/environment/EAs/Pages/default.aspx or contact:

Henry Huotari, Project Manager Parsons Inc.

1069 Wellington Road South, Suite 214 London, ON N6E 2H6

Tel: 519-286-5517

Email: henry.huotari@parsons.com

Matt Davenport, Project Manager City of London

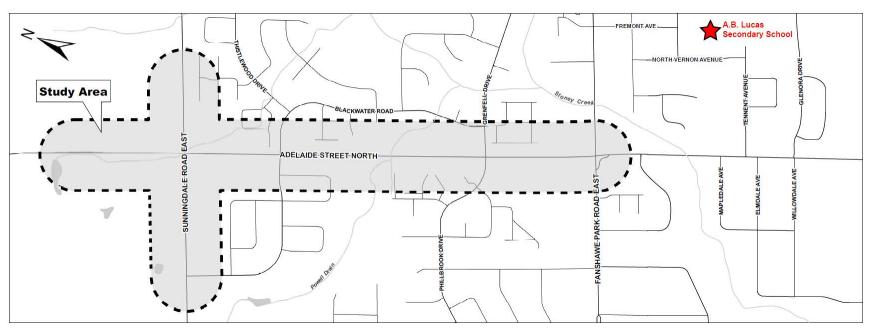
300 Dufferin Avenue, 6th Floor, P.O Box 5035 London. ON N6A 4L9

Tel: 519-661-2489 x5232 Email: mdavenport@london.ca

ADELAIDE STREET NORTH

MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT

STUDY AREA KEY MAP



PIC Venue Address

A.B. Lucas Secondary School Cafeteria 656 Tennent Avenue London, ON, N5X 1L8

London Transit

LTC Route # - 16 LTC Route # - 40

Driving

If coming from Fanshawe Rd E, turn south onto Glengarry Ave and west onto Tennent Ave.

If coming from Adelaide Street N, turn east onto Glenora Dr, north on Glengarry Ave and west onto Tennent Ave.



The Corporation of the City of London 300 Dufferin Avenue P.O. Box 5035 London ON N6A 4L9

May 31, 2019



Re: Adelaide Street North Municipal Class Environmental Assessment Study Property at 1530 Adelaide Street North, London Ontario

Dear Property Manager,

The City of London has retained Parsons Inc. to undertake a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's Smart Moves Transportation Master Plan (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance. This project is being carried out under the planning and design process for a Schedule C project as outlined in the Municipal Engineers Association's Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 and 2015). Construction is anticipated to commence in 2029.

The purpose of this letter is to inform you of the upcoming Public Information Centre (PIC) scheduled for June 5, 2019 to discuss the alternative design concepts considered for the corridor, preliminary preferred alternative design concept and potential impacts and mitigation measures. **Details of the PIC are provided on the attached notice** and the project team will be available to meet with you beginning at 4:30 PM on the date of the PIC to address any specific questions or concerns you may have as it relates to the project.

As part of the recommended design, it is anticipated that the driveway access to your property will be changed to a right-in, right-out only movement due to the installation of a median approaching the Adelaide/Fanshawe Park intersection. Understanding that this is short notice for the PIC, we would like to extend the offer of a separate meeting to discuss the project and anticipated driveway changes. If you would like to meet and discuss the project at a time which is convenient for you, please contact the City of London's project manager below.

We look forward to working with you throughout the remainder of this study.

Sincerely,

Matt Davenport

Project Manager, City of London 300 Dufferin Avenue, 6th Floor, P.O. Box 5035 London ON N6A 4L9 519.661.2489 x5232 | mdavenport@london.ca

cc: Henry Huotari, Parsons Inc.



The Corporation of the City of London 300 Dufferin Avenue P.O. Box 5035 London ON N6A 4L9

May 31, 2019



Re: Adelaide Street North Municipal Class Environmental Assessment Study Property at 1536 Adelaide Street North, London, Ontario

Dear Property Manager,

The City of London has retained Parsons Inc. to undertake a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's Smart Moves Transportation Master Plan (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance. This project is being carried out under the planning and design process for a Schedule C project as outlined in the Municipal Engineers Association's Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 and 2015). Construction is anticipated to commence in 2029.

The purpose of this letter is to inform you of the upcoming Public Information Centre (PIC) scheduled for June 5, 2019 to discuss the alternative design concepts considered for the corridor, preliminary preferred alternative design concept and potential impacts and mitigation measures. **Details of the PIC are provided on the attached notice** and the project team will be available to meet with you beginning at 4:30 PM on the date of the PIC to address any specific questions or concerns you may have as it relates to the project.

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We look forward to working with you throughout the remainder of this study.

Sincerely,

Matt Davenport

Project Manager, City of London 300 Dufferin Avenue, 6th Floor, P.O. Box 5035 London ON N6A 4L9 519.661.2489 x5232 | mdavenport@london.ca

cc: Henry Huotari, Parsons Inc.



The Corporation of the City of London 300 Dufferin Avenue P.O. Box 5035 London ON N6A 4L9

May 31, 2019



Re: Adelaide Street North Municipal Class Environmental Assessment Study

Dear Property Manager,

The City of London has retained Parsons Inc. to undertake a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's Smart Moves Transportation Master Plan (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance. This project is being carried out under the planning and design process for a Schedule C project as outlined in the Municipal Engineers Association's Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 and 2015). Construction is anticipated to commence in 2029.

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We look forward to working with you throughout the remainder of this study.

Sincerely,

Matt Davenport

Project Manager, City of London 300 Dufferin Avenue, 6th Floor, P.O. Box 5035 London ON N6A 4L9 519.661.2489 x5232 | mdavenport@london.ca

cc: Henry Huotari, Parsons Inc.



The Corporation of the City of London 300 Dufferin Avenue P.O. Box 5035 London ON N6A 4L9

May 31, 2019



Re: Adelaide Street North Municipal Class Environmental Assessment Study Property at 1570 Adelaide Street North, London, Ontario

Dear Property Manager,

The City of London has retained Parsons Inc. to undertake a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's Smart Moves Transportation Master Plan (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance. This project is being carried out under the planning and design process for a Schedule C project as outlined in the Municipal Engineers Association's Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 and 2015). Construction is anticipated to commence in 2029.

The purpose of this letter is to inform you of the upcoming Public Information Centre (PIC) scheduled for June 5, 2019 to discuss the alternative design concepts considered for the corridor, preliminary preferred alternative design concept and potential impacts and mitigation measures. **Details of the PIC are provided on the attached notice** and the project team will be available to meet with you beginning at 4:30 PM on the date of the PIC to address any specific questions or concerns you may have as it relates to the project.

The recommended design, which includes widening Adelaide from the centerline (approximately widening from both west and east sides) and operational / intersection improvements, will require a small portion of your existing property frontage (**see Figure 1**). The City's existing Right of Way (ROW) is not sufficient to accommodate the widening. Understanding that this is short notice for the PIC, we would like to extend the offer of a separate meeting to discuss the project and anticipated property requirements. If you would like to meet and discuss the project at a time which is convenient for you, please contact the City of London's project manager below.

We look forward to working with you throughout the remainder of this study.

Sincerely,

Matt Davenport, EIT

Project Manager, City of London 300 Dufferin Avenue, 6th Floor, P.O. Box 5035 London ON N6A 4L9 519.661.2489 x5232 | mdavenport@london.ca

cc: Henry Huotari, Parsons Inc.

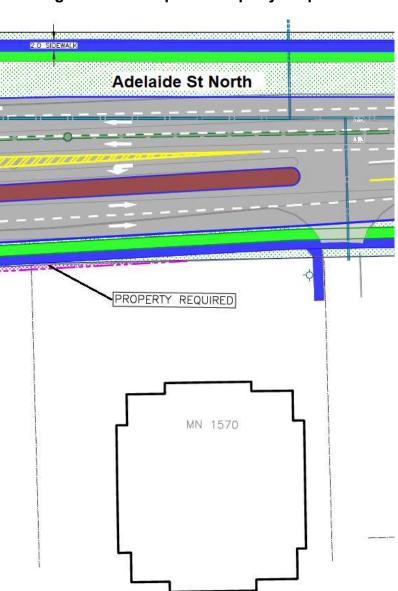


Figure 1 – Anticipated Property Required



The Corporation of the City of London 300 Dufferin Avenue P.O. Box 5035 London ON N6A 4L9

May 31, 2019



Re: Adelaide Street North Municipal Class Environmental Assessment Study

The City of London has retained Parsons Inc. to undertake a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's Smart Moves Transportation Master Plan (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance. This project is being carried out under the planning and design process for a Schedule C project as outlined in the Municipal Engineers Association's *Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 and 2015)*. Construction is anticipated to commence in 2029.

The purpose of this letter is to inform you of the upcoming Public Information Centre (PIC) scheduled for June 5, 2019 to discuss the alternative design concepts considered for the corridor, preliminary preferred alternative design concept and potential impacts and mitigation measures. **Details of the PIC are provided on the attached notice** and the project team will be available to meet with you beginning at 4:30 PM on the date of the PIC to address any specific questions or concerns you may have as it relates to the project.

The recommended design, which includes widening Adelaide from the centerline (approximately widening from both west and east sides) and operational / intersection improvements, will require a small portion of your existing property frontage (See Figure 1). The City's existing Right of Way (ROW) is not sufficient to accommodate the widening. Understanding that this is short notice for the PIC, we would like to extend the offer of a separate meeting to discuss the project and anticipated property requirements. If you would like to meet and discuss the project at a time which is convenient for you, please contact the City of London's project manager below.

We look forward to working with you throughout the remainder of this study.

Sincerely,

Matt Davenport, EIT

Project Manager, City of London 300 Dufferin Avenue, 6th Floor, P.O. Box 5035 London ON N6A 4L9 519.661.2489 x5232 | mdavenport@london.ca

cc: Henry Huotari, Parsons Inc.

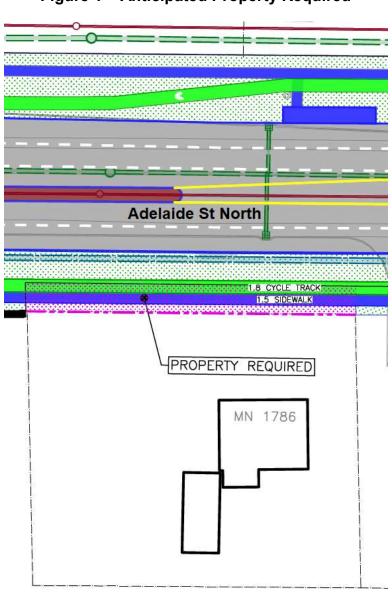


Figure 1 – Anticipated Property Required



The Corporation of the City of London 300 Dufferin Avenue P.O. Box 5035 London ON N6A 4L9

May 31, 2019



Re: Adelaide Street North Municipal Class Environmental Assessment Study Property at 614 Fanshawe Park Road East, London, Ontario

Dear Property Manager,

The City of London has retained Parsons Inc. to undertake a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's Smart Moves Transportation Master Plan (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance. This project is being carried out under the planning and design process for a Schedule C project as outlined in the Municipal Engineers Association's Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 and 2015). Construction is anticipated to commence in 2029.

The purpose of this letter is to inform you of the upcoming Public Information Centre (PIC) scheduled for June 5, 2019 to discuss the alternative design concepts considered for the corridor, preliminary preferred alternative design concept and potential impacts and mitigation measures. **Details of the PIC are provided on the attached notice** and the project team will be available to meet with you beginning at 4:30 PM on the date of the PIC to address any specific questions or concerns you may have as it relates to the project.

The recommended design includes widening Adelaide from the centerline (approximately widening from both west and east sides) and operational / intersection improvements. It is anticipated that the driveway access to your property will be changed to a right-in, right-out only movement due to the installation of a median approaching the Adelaide/Fanshawe Park intersection. Additionally, the project will require a small portion of your existing property frontage (see Figure 1). The City's existing Right of Way (ROW) is not sufficient to accommodate the widening. Understanding that this is short notice for the PIC, we would like to extend the offer of a separate meeting to discuss the project and anticipated property requirements and driveway changes. If you would like to meet and discuss the project at a time which is convenient for you, please contact the City of London's project manager below.

We look forward to working with you throughout the remainder of this study.

Sincerely,

Matt Davenport

Project Manager, City of London 300 Dufferin Avenue, 6th Floor, P.O. Box 5035 London ON N6A 4L9 519.661.2489 x5232 | mdavenport@london.ca

cc: Henry Huotari, Parsons Inc.

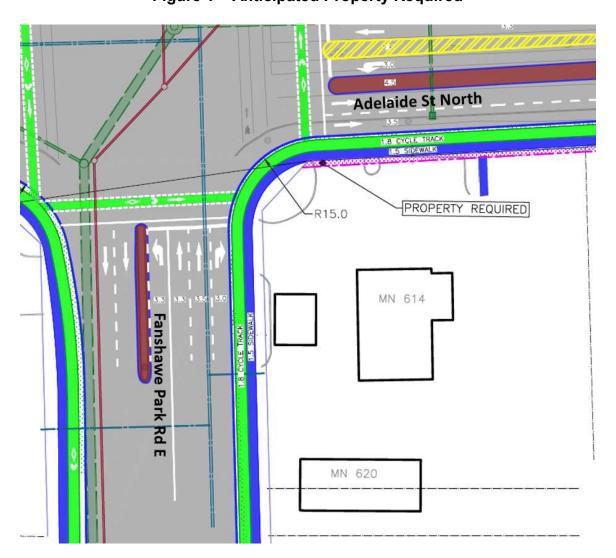


Figure 1 – Anticipated Property Required

From: <u>Huotari, Henry</u>

To: Cc:

Davenport, Matthew; Doucette, Tisha; Evraire, Andrew

Subject: RE: [EXTERNAL] update change of owner pls

Date: Friday, June 28, 2019 7:57:35 AM

Hi

Confirming receipt of your email.

I have copied the Project Manager at the City and Parsons study team so they can update the contact list.

If you have any questions regarding the study please don't hesitate to reach out.

Information is available online at:

http://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx

Regards,

Henry

Henry Huotari, P.Eng. Program Director

1069 Wellington Road South, Suite 214

London, Ontario N6E 2H6

Henry.Huotari@parsons.com- +1 519 286 5517

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From:

Sent: Thursday, June 27, 2019 3:35 PM

To: Huotari, Henry < Henry. Huotari@parsons.com> **Subject:** [EXTERNAL] update change of owner pls

Hello Henry,

I did not know who to contact re: the above. This is regarding a "Notice of Public Information Centre No. 2" correspondence received by the former owners of my property. I have since purchased the property and would have hoped the City of London would have updated their information so that I would have received this notice which was informing property owners of the "widening of Adelaide Street North".



Please acknowledge receipt of this email request Henry so I am aware this update has occurred.

'NOTICE: This email message and all attachments transmitted with it may contain privileged and confidential information, and information that is protected by, and proprietary to, Parsons Corporation, and is intended solely for the use of the addressee for the specific purpose set forth in this communication. If the reader of this message is not the intended recipient, you are hereby notified that any reading, dissemination, distribution, copying, or other use of this message or its attachments is strictly prohibited, and you should delete this message and all copies and backups thereof. The recipient may not further distribute or use any of the information contained herein without the express written authorization of the sender. If you have received this message in error, or if you have any questions regarding the use of the proprietary information contained therein, please contact the sender of this message immediately, and the sender will provide you with further instructions.'

Evraire, Andrew

From: Sent:

Wednesday, May 29, 2019 4:50 PM

To:

mdavenport@london.ca; Huotari, Henry; Doucette, Tisha; Evraire, Andrew

Cc:

Subject:

Fwd: Notice of PIC#2 - Adelaide Street North Environmental Assessment Study

Attachments:

Final PIC2 Notice - Adelaide St N EA.pdf

Hi,

Thanks for the notice. I won't be the contact on this, it is with you.

and by copy of this email is aware to meet

Thanks,

----- Forwarded message ------

From: Evraire, Andrew < Andrew. Evraire@parsons.com >

Date: Wed, May 29, 2019 at 4:26 PM

Subject: RE: Notice of PIC#2 - Adelaide Street North Environmental Assessment Study

Cc: mdavenport@london.ca <mdavenport@london.ca>, Huotari, Henry <Henry.Huotari@parsons.com>, Doucette, Tisha

<Tisha.Doucette@parsons.com>

As a follow-up to the Notice of PIC#2 for the Adelaide Street North Municipal Class Environmental Assessment (EA), we advise that the project team will be available to meet with you beginning at 4:30 PM on the date of the PIC to address any specific questions or concerns you may have as it relates to the project. This is in addition to the 5:00pm - 7:00pm timeslot which is allocated to all stakeholders and study area residents.

Date: Wednesday, June 5, 2019

4:30 pm – 5:00 pm – Pre-PIC Meeting Availability Time:

5:00 pm - 7:00 pm - Open to All Stakeholders

Location: A.B. Lucas Secondary School

656 Tennent Avenue

Please feel free to contact any of the project team members listed on the attached notice if you have any questions or comments.

Sincerely,

Andrew Evraire, BURPI | Planner

500-625 Cochrane Drive, Markham, ON, L3R 9R9

Andrew.Evraire@Parsons.com

Office: +1 905.943.0592

PARSONS – Envision More

www.parsons.com | LinkedIn | Twitter | Facebook



From: Evraire, Andrew

Sent: Thursday, May 16, 2019 2:28 PM

To: Evraire, Andrew < Andrew. Evraire@parsons.com>

Cc: 'mdavenport@london.ca' <mdavenport@london.ca>; Huotari, Henry <Henry.Huotari@parsons.com>; Doucette,

Tisha < Tisha. Doucette@parsons.com >

Subject: Notice of PIC#2 - Adelaide Street North Environmental Assessment Study

Dear Sir / Madam,

Thank you for having expressed your interest in the Adelaide Street North Municipal Class Environmental Assessment (EA). You are receiving this email because you have provided the project team an email address at which you wish to be contacted, though you may also receive a hard copy of the notice via regular mail.

The City of London is hosting its second Public Information Centre (PIC) for the Adelaide Street North Municipal Class Environmental Assessment (EA). The purpose of this PIC will be to present and obtain feedback on the alternative design concepts, preliminary preferred alternative design concept and potential impacts and mitigation measures.

The details of the PIC are provided below – a formal notice is also attached with additional information.

Date: Wednesday, June 5, 2019

Time: 5:00 pm – 7:00 pm

Location: A.B. Lucas Secondary School

656 Tennent Avenue

London, ON, N5X 1L8

Please feel free to contact the project team members listed on the attached Notice for further information on this project.

Sincerely,

Andrew Evraire, BURPI | Planner

500-625 Cochrane Drive, Markham, ON, L3R 9R9

Andrew.Evraire@Parsons.com

Office: +1 905.943.0592

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NOTICE: This email message and all attachments transmitted with it may contain privileged and confidential information, and information that is protected by, and proprietary to, Parsons Corporation, and is intended solely for the use of the addressee for the specific purpose set forth in this communication. If the reader of this message is not the intended recipient, you are hereby notified that any reading, dissemination, distribution, copying, or other use of this message or its attachments is strictly prohibited, and you should delete this message and all copies and backups thereof. The recipient may not further distribute or use any of the information contained herein without the express written authorization of the sender. If you have received this message in error, or if you have any questions regarding the use of the proprietary information contained therein, please contact the sender of this message immediately, and the sender will provide you with further instructions.

From:

To: mdavenport@london.ca

Cc: <u>Huotari, Henry; Doucette, Tisha; Evraire, Andrew; agiesen@london.ca</u>

Subject: [EXTERNAL] RE: Adelaide EA

Date: Wednesday, July 17, 2019 1:13:27 PM

Attachments: <u>image001.png</u>

Thanks, I truly appreciate you considering this.

And from the other side of my brain...

I'm sure that sidewalk paint will stop these drivers in their tracks! I will be saving this email thread for submission to the courts, for when there is an actual death at this location.

From: Davenport, Matthew [mailto:mdavenport@london.ca]

Sent: Wednesday, July 17, 2019 1:05 PM

To:

Cc: Henry.Huotari@parsons.com; tisha.doucette@parsons.com; Andrew.Evraire@parsons.com;

Giesen, Andrew <agiesen@london.ca>

Subject: RE: Adelaide EA



At this stage in the project we are looking at the Adelaide Street North corridor from a planning perspective. We recognise and have documented your concerns regarding cyclist/pedestrian safety at the Sobeys access to Adelaide. As it pertains to the slightly-blind sidewalk at this location, when we move into the detailed design stage of the project we will look into visibility improvements at the busy commercial accesses. Options to increase the visibility of the sidewalk/cycle track could include features such as enhanced pavement treatments and signage.

Regards,



Matt Davenport, EIT
Engineer in Training
Development and Compliance Services
City of London

300 Dufferin Ave, P.O. Box 5035, London ON N6A 4L9 P: 519.661.CITY (2489) x5232 | Fax: 519.661.4734 mdavenport@london.ca | www.london.ca [london.ca]

From:

Sent: July 16, 2019 12:33 PM

To: Davenport, Matthew < mdavenport@london.ca>

Cc: Henry.Huotari@parsons.com; tisha.doucette@parsons.com; Andrew.Evraire@parsons.com;

Giesen, Andrew <agiesen@london.ca>
Subject: [EXTERNAL] RE: Adelaide EA

Thank you for your answers—most are acceptable.

But I have seen so many near-deaths for cycists/pedestrians at the Sobeys entrance/exit, that I have to push back a little on this particular issue. Is the simplest solution to simply force the plaza owner to install a speed bump at 1m short of the sidewalk? It's the impatient drivers coming out of the plaza with the slightly-blind sidewalk that's the biggest problem at exit.

Thank you again.



Sent: Tuesday, July 16, 2019 10:37 AM

To:

Cc: <u>Henry.Huotari@parsons.com</u>; Tisha Doucette (<u>tisha.doucette@parsons.com</u>)

<<u>tisha.doucette@parsons.com</u>>; Evraire, Andrew <<u>Andrew.Evraire@parsons.com</u>>; Giesen, Andrew

<agiesen@london.ca>
Subject: RE: Adelaide EA

Hello

Thank you for providing us with your feedback regarding the Adelaide Street North Environmental Assessment Study. We acknowledge your concerns regarding traffic movement at the apartment building entrances at 1570/1580 Adelaide and traffic management at the Sobey's entrance. We take this opportunity to respond to your feedback.

With the proposed two through lanes leading up to the apartment building entrance at 1570/1580 Adelaide, the existing merge-point on northbound approach will be eliminated, which should help mitigate potential delays at the entrance and provide better traffic flow for passing vehicles.

Regarding the Sobeys' entrance, traffic signals are not recommended at this time, as the access does not meet the spacing requirements between the adjacent signalized intersections at both Fanshawe and Phillbrook. However, dedicated right turn and left turn lanes into the Sobey's plaza will be provided. Under current conditions, this entrance is generally served by single lanes on Adelaide Street and there are few gaps in traffic. Widening Adelaide to two through lanes in each direction will help break up this queue. The signals at Fanshawe and Phillbrook will also allow for gaps in traffic, providing turning opportunities for traffic to/from the entrance.

The 1.8m cycle tracks will be continuous on Adelaide from Fanshawe to Sunningdale.

Regards,



Matt Davenport, EIT
Engineer in Training
Development and Compliance Services
City of London

300 Dufferin Ave, P.O. Box 5035, London ON N6A 4L9 P: 519.661.CITY (2489) x5232 | Fax: 519.661.4734 mdavenport@london.ca | www.london.ca [london.ca]

From:

Sent: June 26, 2019 1:10 PM

To: <u>Henry.Huotari@parsons.com</u>; Davenport, Matthew <<u>mdavenport@london.ca</u>>

Subject: [EXTERNAL] Adelaide EA

For the widening of Adelaide north up to Sunningdale, I have read over your PDF (sorry I couldn't make it to the info night at Lucas).

Overall I'm pleased with the solutions proposed.

Ideally, what I would like to see is a dedicated right turn lane when going north on Adelaide, from the corner up to Grenfell. And here's why – after going north across Fanshawe, Grenfell and the apartment buildings (at 1570/1580 Adelaide) are very common destinations for drivers. Without a turning lane that would divert those users into those two destinations, I fear that the widening of Adelaide (the new northbound lane) will be underutilized, since cars will always be in the left lane to avoid right-turners early on.

Another problem is missing traffic management when entering/exiting the Sobey's plaza (1595 Adelaide). This is a popular destination at any time of day, but especially during rush hours. The most dangerous part is the existing bike path, where (as an occasional bike rider here) I have to be EXTREMELY careful of any traffic blasting in or out of this parking lot and not stopping until they are well within the sidewalk and bike lane. I seriously fear for my kids when they ride bikes there. This widening is (probably) going to exacerbate the problem even further. And to be honest, I don't know how to solve it. Maybe traffic lights; maybe a median so that drivers can only enter/exit the plaza when southbound; maybe some other way out of the plaza would allow us to better manage the volume of cars there. Regardless, please ensure that the new "1.8m cycle tracks" continue all the way to the Adelaide/Fanshawe intersection to prevent a strange transition for bike riders.

Thanks for listening.



	I	

From: <u>Huotari, Henry</u>
To: <u>Evraire, Andrew</u>

Subject: FW: Adelaide St. North EA - public info session - comments

Date: Wednesday, June 26, 2019 9:13:16 AM

Attachments: <u>image001.png</u>

FYI

From: Davenport, Matthew <mdavenport@london.ca>

Sent: Wednesday, June 26, 2019 9:01 AM **To:**

Cc: Huotari, Henry < Henry. Huotari@parsons.com>; Doucette, Tisha < Tisha. Doucette@parsons.com>; Giesen, Andrew < agiesen@london.ca>

Subject: [EXTERNAL] RE: Adelaide St. North EA - public info session - comments

Hi

Thank you for your interest in this study. We want to let you know that we have received and noted your comments in our project file.

I am happy to inform you that the Adelaide/Blackwater intersection is currently on the list for tentative signal construction in 2020. The status of this intersection can be found on the City's *Traffic Signals* webpage under the heading "*What new traffic signals are planned*"; link provided below:

https://www.london.ca/residents/Roads-Transportation/traffic-management/Pages/Traffic-Signals-FAQ.aspx [london.ca]

As part of this project a specialist noise consultant has conducted a noise study for the Adelaide Street corridor. The results (presented at the Public Information Centre on June 05th) indicate that there would be no significant increase in the long-term noise levels anticipated as a result of roadway widening. The approximate noise increase was determined to be 0.6 dBA, while Provincial noise criteria requires a change of 5 dBA or greater when considering permanent noise mitigation measures.

To view the materials presented at the second public information centre (PIC#2) please visit our project webpage at the link provided below:

http://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx [london.ca]

If you have any additional questions or comments regarding the study, please let us know.

Regards,

Matt Davenport, EIT Engineer in Training



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From:

Sent: May 31, 2019 2:56 PM

To: Huotari, Henry < <u>Henry.Huotari@parsons.com</u>>; Davenport, Matthew < <u>mdavenport@london.ca</u>>

Subject: [EXTERNAL] Adelaide St. North EA - public info session - comments

good afternoon gents.

I am unable to attend the public info session at A.B. Lucas on the 5th of June, so may I please submit my comments to you directly, as follows & attached.

Certainly a full traffic light intersection is going to be required at Adelaide & Blackwater. Having the detector loops on Blackwater will help keep the green on Adelaide going on and on, until we get left turn traffic from Blackwater. There is frequent 4 way pedestrian traffic as well.

That stretch of Adelaide is already a racetrack for 2 and 4 wheeled vehicles (motorized 2 wheels), so going to 4 lanes will likely increase the 'racing' as there is less traffic to hold them up. A 50 KM speed limit is worth asking for, but please do go for 60 max.

With increased traffic, and maybe speed, comes more noise. As a resident in the condo block at the NE corner of Adelaide & Blackwater, the racket is quite disruptive at times. A proper sound wall from the intersection going to the north limit of our property would be most helpful in keeping our area more peaceful. Perhaps even taking it a short distance to the east along Blackwater ???

I recall seeing the long term plan for Sunningdale showing a Roundabout at Adelaide. This is a good thing.

Thank you for listening, and for the consideration of my comments. I do hope to be around if & when a follow up public session is done next year.



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From:
To:
Davenport, Matthew

Cc: <u>Hussain, Altaf; Evraire, Andrew; Elmadhoon, Maged; Giesen, Andrew</u>

Subject:

Date: Wednesday, October 09, 2019 2:11:16 PM

Attachments: <u>image001.png</u>

Hi Andrew,

Thank you for your email. I will review this with my team and will be in touch with you soon.



From: Davenport, Matthew <mdavenport@london.ca>

Sent: Tuesday, October 8, 2019 8:56 AM

To:

Cc: Altaf Hussain (altaf.hussain@parsons.com) <altaf.hussain@parsons.com>; Evraire, Andrew <Andrew.Evraire@parsons.com>; Elmadhoon, Maged <melmadho@London.ca>; Giesen, Andrew <agiesen@london.ca>

Subject:

Hi

I am the City's project manager for the Adelaide Street North road widening project, and I have received a copy of your email (below) requesting information on the project.

This project is currently in the Environmental Assessment (EA) stage, and we are aiming to complete the EA by January 2020. To date we have conducted two public consultation events and all information from these events has been made available on the City of London's project webpage

(http://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx [london.ca] [urldefense.com]). Available materials include display boards from the public events, and the draft roll plan outlining the extents of the proposed widening and the recommended configuration of Adelaide Street North.

Traffic management plans and construction details are not available at this time. Construction is currently scheduled for 2029, with the detailed design phase to begin approximately 18 months prior to construction.

If you have any questions, please let me know.

Regards,



Matt Davenport, EIT
Engineer in Training
Development and Compliance Services
City of London

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mdavenport@london.ca | www.london.ca [london.ca] [urldefense.com]

From:
Sent: October 4, 2019 9:07:27 AM
To: Kurz, Kristine < kkurz@london.ca >
Subject:

Good Morning Kristine,

Per my voicemail, I understand that there is planned expansion (widening) of Adelaide Street

This is of great concern to us as this will impact traffic to and from our store. Are you able to provide any information regarding this construction (i.e. traffic and construction plans, name of PM assigned to this project, etc.) so that we can review things on our end? Any assistance you can provide is greatly appreciated!

Kindly respond as soon as possible.

Many thanks.

From: Chan, Salina

To:

Cc: <u>Huotari, Henry; Doucette, Tisha; mdavenport@london.ca</u>

Subject: Adelaide Street North Municipal Class EA

Date: Wednesday, January 2, 2019 10:35:00 AM

Hi

Thank you for your interest in this study and we want to let you know that we have received and noted your comments. Your concerns regarding bike lanes/active transportation facilities will be reviewed as part of the Adelaide Street North Class EA study.

The study process includes incorporating a Complete Streets design, such as selecting a layout that is appropriate for all road users (vehicles, transit, pedestrians, cyclists, etc.). However, it is still early in our study, and we are not able to provide any specifics at this time. As the study progresses, we will be able to provide more information.

Thank you,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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From: <u>Huotari, Henry</u>
To: <u>Evraire, Andrew</u>

Subject: FW: [EXTERNAL] Adelaide Street North Meeting #2

Date: Wednesday, June 26, 2019 9:13:33 AM

Attachments: <u>image001.png</u>

fyi

From: Davenport, Matthew <mdavenport@london.ca>

Sent: Wednesday, June 26, 2019 9:06 AM

To:

Cc: Huotari, Henry < Henry. Huotari@parsons.com>; Doucette, Tisha < Tisha. Doucette@parsons.com>; Giesen, Andrew < agiesen@london.ca>

Subject: RE: [EXTERNAL] Adelaide Street North Meeting #2



Thank you for your interest in this study. We want to let you know that we have received and noted your comments in our project file.

As part of this project a specialist noise consultant has conducted a noise study for the Adelaide Street corridor. The results (presented at the Public Information Centre on June 05th) indicate that there would be no significant increase in the long-term noise levels anticipated as a result of roadway widening. The approximate noise increase was determined to be 0.6 dBA, while Provincial noise criteria requires a change of 5 dBA or greater when considering permanent noise mitigation measures.

To view the materials presented at the second public information centre (PIC#2) please visit our project webpage at the link provided below:

http://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx [london.ca]

If you have any additional questions or comments regarding the study, please let us know.

Regards,



Matt Davenport, EIT
Engineer in Training
Development and Compliance Services
City of London

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From:

Sent: June 6, 2019 8:44 AM

To: henry.huotari@parsons.com; Davenport, Matthew henry.huotari@parsons.com; Davenport, Ma

Subject: [EXTERNAL] Adelaide Street North Meeting #2

Hi there:

I was unable to attend this meeting last night due to travel. Wanted to put forth that back of should have a sound barrier installed if the Adelaide Street North Widening is to take place. This would be very noisey for the occupants/owners should the street come closer to the property. Please ensure this is captured in the feedback. Thank you.

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cc: Matthew Davenport, Project Manager
City of London
300 Dufferin Avenue, 8th Floor, PO Box 5035
London, ON N6A 4L9
Sent via email to: mdavenport@london.ca

Evraire, Andrew

Subject:

FW: Adelaide Street North Environmental Assessment (EA) - Public Comments from PIC #2

From: Davenport, Matthew <<u>mdavenport@london.ca</u>>
Sent: Thursday, June 27, 2019 10:39 AM

To:

Cc: Huotari, Henry <<u>Henry.Huotari@parsons.com</u>>; Doucette, Tisha

<<u>Tisha.Doucette@parsons.com</u>>; Giesen, Andrew <<u>agiesen@london.ca</u>>; Elmadhoon, Maged <<u>melmadho@London.ca</u>>
Subject: [EXTERNAL] RE: Adelaide Street North Environmental Assessment (EA) - Public Comments from PIC #2

Thank you for providing feedback. I have provided some responses to your questions below.

1. The recommended alternative is to widen about the centreline on Adelaide Street North. The existing Right-of-Way (ROW) is approximately 36 metres wide along the corridor between Fanshawe Park Road East and Sunningdale Road East. For the majority of the corridor there is sufficient room to widen the road within the existing ROW without impacting private property. Where applicable, additional land requirements have been shown on the Roll Plan (an example of a property requirement (light purple hatching) has been shown in the attached image).

The widening as illustrated on the PIC cross-sections (panel number 6) was used to demonstrate where the additional 3.5 metre wide through lanes would be added in each scenario, relative to the existing roadway.

2. As part of this EA a Transportation & Traffic Analysis Report has been completed for the corridor. This report will be made available as an appendix within the Environmental Study Report (ESR); planned to be completed later this year. Along Adelaide Street North the existing access to the Sobeys/Home Depot is approximately 205 metres north of Fanshawe Park Road East and approximately 170 metres south of the Phillbrook Drive/Grenfell Drive intersection. The City's Access Management Guidelines require a minimum separation of 400 metres between signalized intersections along an arterial road. With the distance between the Sobeys/Home Depot access and the Fanshawe and Phillbrook intersections well below the minimum separation requirement for signals, the EA would not support a signalized intersection at this location.

Access issues that may be observed on site today would be based on the existing lane configurations and traffic conditions. With the planned improvements from the widening, traffic would flow more freely along the corridor; split into two lanes as opposed to the current situation (a single southbound lane from Phillbrook which widens to two lanes prior to the access). With vehicles traveling in two lanes it is typical to see more gaps in traffic to allow for left-turn movements (both to and from the site).

In addition, the City's Roadway Lighting and Traffic Control division can monitor the access to determine if signalization would be justified in the future.

3. The Environmental Study Report (ESR) to document the EA is planned to be completed later this year. Once the notice of study completion is issued the ESR will be made available for the 30-day public review period.

Construction for this project is currently scheduled to start in 2029 (spring), with detailed design estimated to begin approximately 18 months prior to construction (i.e. early 2028). Future public consultation event(s) would happen during the detailed design stage.

4. Representatives from the City and Parsons' would be able to meet to discuss further if required.

Thank you for taking the time to review our project materials and provide feedback. If you have any additional comments/question, please let us know.

Regards,



Matt Davenport, EIT Engineer in Training Development and Compliance Services City of London

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From:

Sent: June 26, 2019 4:32 PM

To: Davenport, Matthew <mdavenport@london.ca>; Henry.Huotari@parsons.com

Cc.

Subject: [EXTERNAL] Adelaide Street North Environmental Assessment (EA) - Public Comments from PIC #2

Importance: High

Hi Matt and Henry,

Further to your Public Information Centre meeting #2 which took place on June 5, we wanted to provide the following comments regarding your EA process that is underway for the stretch of Adelaide Street N. (from Fanshawe Park Rd. E. to north of Sunningdale Rd. E.).

we have comments regarding the process to date and next steps. I understand that the deadline for comments was June 19, and I did submit an email on that day with our comments, however I was travelling realize that due to the IT issues I was experiencing all week while away, the email did not make it through to you. Please accept our comments as follows:

- The recommendation by the study team is to take land on both the east and west sides of Adelaide St.
 N. to accommodate the widening (rather than all on one side or the other) as it creates the least amount of impact overall can you confirm if this would include 3.5 metres from each side, which is what I understood from the PIC 2 panels;
- The study team are not currently proposing a traffic light into the Sobeys/Home Depot properties, which
 we see as problematic as there are numerous traffic concerns, particularly at the south end of the study
 area with inbound and outbound vehicle queuing. Was a TIS completed to determine another traffic
 light was not warranted? Please keep in mind that we appreciate the steps that were included in the roll

plan i.e. dedicated right-turn lane for southbound traffic and dedicated left-turn lane for northbound traffic into the property, however our operations group are very concerned that even with these improvements, they will not fully resolve the issues that have developed over time:

- When will a detailed design be ready for public review and what opportunity do we have to provide additional comments at that time?; and
- Would a separate meeting between yourselves these issues further, if necessary?

Thank you for the opportunity to provide feedback and I apologize for just realizing now that this email did not deliver from my outbox. Thank you.



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Evraire, Andrew

Subject:

RE: City of London - Adelaide Street North Road Widening Environmental Assessment

From: Davenport, Matthew Sent: August 14, 2019 1:50 PM

To:

Cc: Henry Huotari (henry.huotari@parsons.com) <henry.huotari@parsons.com>

Subject: City of London - Adelaide Street North Road Widening Environmental Assessment



Thank you for reaching out to discuss the City of London's road widening Environmental Assessment (EA) for Adelaide Street North. As advised, all previous project correspondence has been sent to the address on title . We can add your email address to our mailing list for distribution of future notices associated with this study.

The City of London and our consultant (Parsons Inc.) are working to complete this EA study and finalize the Environmental Study Report (ESR) this fall. When the ESR is complete it will be made available for a 30-day public review period.

To date we have had two public consultation events for this project (November 14, 2018 and June 05, 2019). Materials presented at these events include informational display boards, and a draft Roll Plan showing the recommended proposed alternative for the road widening. All materials presented at these public events are available on the City of London's website; link provided below:

http://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx [london.ca]

Please note, based on the City of London's approved 2019 Development Charges Background Study, construction for this road widening project is currently scheduled for 2029.

If you have any questions regarding this environmental assessment, please feel free to contact myself or Henry Huotari (cc'd), Project Manager for Parsons Inc.

Regards,



Matt Davenport, EIT
Engineer in Training
Development and Compliance Services
City of London

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From: Chan, Salina
To:

Cc: <u>Huotari, Henry; Doucette, Tisha; mdavenport@london.ca</u>

Subject: RE: Adelaide Street North, FROM Fanshawe Park Road West to Sunningdale Road East, City of London

Date: Wednesday, January 2, 2019 10:29:00 AM

Hi

Thank you for your interest in the Adelaide Street North Municipal Class Environmental Assessment study. We have added you to the project's contact list and you will be notified of any future public notices. Additional information relating to the study can be found on the City of London's website here: https://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx.

Thank you,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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From:

Sent: Tuesday, December 25, 2018 11:30 PM **To:** Chan, Salina < Salina. Chan@parsons.com>

Subject: Adelaide Street North, FROM Fanshawe Park Road West to Sunningdale Road East, City of

London

Hello Salina.

I can't quite remember if I emailed you previously concerning the above project. This is a new project that will be taking extremely close to where wish to be included in as much information as possible regarding this project. Information can be shared by return email at:

or to my home address below by mail. Thanking you in advance for your co-operation in this matter.



From: <u>Chan, Salina</u>

To:

Cc: <u>Doucette, Tisha; Huotari, Henry; mdavenport@london.ca</u>

Subject: Adelaide Street North Municipal Class EA

Date: Wednesday, January 2, 2019 10:37:00 AM

Ηi

Thank you for your interest in this study and we want to let you know that we have received and noted your comments. A Noise Assessment will be completed in a later phase as part of this Adelaide Street North Class EA study, which will help inform the project team of the noise mitigation measures required to address noise impacts.

Thank you,

Salina Chan

Environmental Assessment Planner 625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9 salina.chan@parsons.com - P: 905.943.0516, M: 647.465.3000

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Evraire, Andrew

From:

Sent: Tuesday, November 19, 2019 3:49 PM

To: Davenport, Matthew < mdavenport@london.ca>

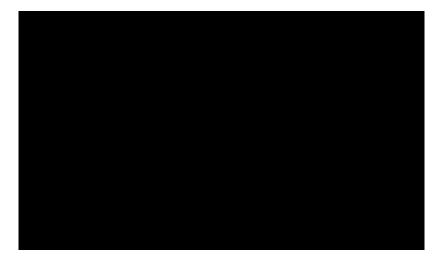
Cc: Giesen, Andrew <agiesen@london.ca>; Altaf Hussain (altaf.hussain@parsons.com) <altaf.hussain@parsons.com>

Subject: [EXTERNAL]

Hi Matthew,

Thanks for passing this information along.

If you can add me to the distribution list, that would be great.



From: Davenport, Matthew <<u>mdavenport@london.ca</u>>

Sent: November 15, 2019 4:16 PM

To:

Cc: Giesen, Andrew <agiesen@london.ca>; Altaf Hussain (altaf.hussain@parsons.com) altaf.hussain@parsons.com>

Subject:

Hi

Thank you for reaching out to discuss. It is understood that the subject site

is

being reviewed for existing operations and potential impacts from the on-going Adelaide Street North EA.

As noted in our discussion this afternoon, the Adelaide Street North EA Environmental Study Report (ESR) is not final, and not yet endorsed by Council, so we are unable to provide the requested Traffic Study information at this time. The project team is working toward finalizing the ESR in early 2020. After Council endorsement the ESR will be available for the 30-day public review period. If you would like, the project team can add you to the distribution list to be notified when the study is complete.

For the EA's publically available information to date, please see the City's project webpage linked below: https://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx [london.ca]

At Public Information Centre 2 a draft roll plan was provided depicting the recommended changes to the Adelaide Street North corridor. As shown in the roll plan, the recommended widening alternative will retain the existing full access to driveways on the subject lands.

To assist with assessing existing traffic operations on site, please find below a link to the City's Transportation Planning webpage which includes London's guidelines for Access Management and Transportation Impact Assessments:

https://www.london.ca/residents/Roads-Transportation/Transportation-Planning/Pages/Transportation-Study-Guidelines.aspx [london.ca]

Additionally, if are looking to requests available traffic information for the area (e.g. volumes, signal timings, etc.) that can be made through the Transportation Planning division. Please note that I have copied Andrew Giesen from the Transportation Planning group who will be able to assist.

If you have any questions, please let us know.

Regards,



Matt Davenport, EIT
Engineer in Training
Development and Compliance Services
City of London

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mdavenport@london.ca | www.london.ca [london.ca]

From:

Sent: Wednesday, November 13, 2019 11:29 AM **To:** Davenport, Matthew < mdavenport@london.ca>

Subject:

Hi Matthew,

Firstly, the existing traffic operations on site today and any potential changes we can recommend to appropriately facilitate the operations. I know they have expressed some issues with operations at their Adelaide Street driveway. These recommendations would be discussed with the City.

Secondly, the transportation impacts on their property associated with the Adelaide Street EA the City is going through. We would like access to the supporting EA traffic analysis material. This would let us inform the owner of the potential impacts, and identify any areas of benefit and concern.

Please feel free to call me to discuss further.

Thanks,

General Correspondence
Indigenous Community Correspondence



From: <u>Huotari, Henry</u>

To: <u>Doucette, Tisha; Chan, Salina</u>

Subject: FW: Notice of Wiindmaagewin Amendment Date: Monday, February 4, 2019 8:44:43 AM

Attachments: image001.png

LTR Wiindmaagewin 2019 02 01.pdf

image003.png

From: Rochelle Smith <rsmith@cottfn.com>
Sent: Friday, February 01, 2019 3:47 PM
To: Consultation <consultation@cottfn.com>
Subject: Notice of Wiindmaagewin Amendment

Good afternoon,

Please find attached a notice of amendment for the Wiindmaagewin Protocol (Consultation Protocol).

Kind regards, Rochelle Smith

Rochelle Smith

Events & Promotions Coordinator, TLE Dept. Chippewas of the Thames First Nation 320 Chippewa Rd Muncey, ON NOL 1Y0 | 519-289-5555 |

www.cottfn.com/consultation[cottfn.com]

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CHIPPEWAS OF THE THAMES FIRST NATION

February 1, 2019

RE: Wiindmaagewin Consultation Protocol Amendment

To Whom it May Concern,

This is a courtesy letter to inform you that as of December 1, 2018, *Appendix D: Consultation Service Fees* of the *Wiindmaagewin* (2017) was amended to reflect:

- · Changes in description in Cost Recovery
- Change in description in Consultation Service Fees, and;
- · Added a Filing/Retention Fee

We encourage all project proponents to exercise due diligence in the area of respecting our Aboriginal and Treaty Rights, and any Consultation and Accommodation; we are more than happy provide a formal presentation of this protocol.

I have provided my contact information below, if you have any questions regarding this amendment, please contact me directly.

The protocol is available at www.cottfn.com/consultation.

Sincerely

Fallon Burch

Consultation Coordinator

Chippewas of the Thames First Nation

fburch@cottfn.com

(519) 289-5555 Ext. 251

cc: Myeengun Henry, Chief, Chippewas of the Thames First Nation

Mike Deleary, Executive Administrator, Chippewas of the Thames First Nation

Kelly Riley, A/Director, Chippewas of the Thames First Nation

From: <u>Davenport, Matthew</u>
To: <u>Chan, Salina</u>

Cc: <u>Doucette, Tisha; Huotari, Henry; Giesen, Andrew</u>

Subject: Adelaide Street North EA

Date: Thursday, November 29, 2018 11:13:13 AM

Attachments: <u>image001.png</u>

Hi Salina.

Below is a summary of our consultation with Chippewas of the Thames First Nation (COTTFN).

Wednesday, November 28, 2018

Attendees

Matt Davenport (CoL Transportation)
Andrew Giesen (CoL Transportation)
Krista Gowan (CoL Urban Regeneration)
Fallon Burch (COTTFN Consultation)
Rochelle Smith (COTTFN Consultation)

Meeting Notes

Consultation Discussion

- A brief presentation on treaty history and territories
- An overview of the COTTFN consultation protocol
 - Full document available online: http://www.cottfn.com/wp-content/uploads/2015/11/Wiindmaagewin-CONSULTATION-PROTOCOL-03-17.pdf[cottfn.com]
- COTTFN requested that after their first official response, that we communicate via email using the general inbox (<u>consultation@cottfn.com</u>)
- COTTFN categorizes projects as either Minimal/Moderate/Extensive Impact, and can change status as the project progresses/more information is made available
- COTTFN requested to receive a copy of final reports as they are produced
 - Where applicable, they prefer reports with an executive summary and index
 - Typical turn-around time for comments is 6 weeks
- Additional consultation may be required to discuss project reports and impacts
- The COTTFN Environmental Committee meets on the first Thursday of month

Archaeology

- COTTFN requested some information on existing archaeological reports (Urban Regeneration to provide)
- COTTFN requested notification on the completion of the Stage 1 assessment and for us to identify if, and when, proceeding to Stage 2
- COTTFN requested to be present during any Stage 2 (or higher) investigations

Mitigation

- COTTFN requested native species of grasses be planted instead of typical MTO seed mix (specifically for soft shelled turtles)
- COTTFN requested increased tree plantings, and ensure survival for more than 2 years
- Limit work within Powell drain where possible

Regards,



Matt Davenport, EIT
Engineer in Training
Transportation Planning & Design
City of London

300 Dufferin Ave, P.O. Box 5035, London ON N6A 4L9 P: 519.661.CITY (2489) x5232 | Fax: 519.661.4734 mdavenport@london.ca | www.london.ca[london.ca]



October 31, 2018

Chief Chris Plain
Aamjiwnaang First Nation
978 Tashmoo Avenue
Sarnia ON N7T 7H5

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Public Information Centre No. 1

Dear Chief Plain,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance (shown in Figure 1 below).

LONDON PUBLIC LIBRARY STONEY CREEK BRANCH

Study Area

ADELAIDE STREET NORTH

Figure 1 - Adelaide Street North EA Study Area Map

Details of the PIC are as follows:

Date: Wednesday, November 14, 2018

Place: London Public Library, Stoney Creek Branch, 920 Sunningdale Road East, London, ON

Time: 5:00 pm - 7:00 pm

For more information, please visit the City's website: http://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx

We will continue to keep you informed on the study's progress. Should you have any questions or comments at this time, or would like more information on the project, please do not hesitate to contact us. Additionally, if you would like to meet to discuss the project further, we will arrange a date and time that is convenient to you. If you no longer wish to receive information and updates about this project, please let us know.

On behalf of the Project Team, thank you for your cooperation and partnership throughout this project.

Yours sincerely,

Matthew Davenport, EIT

City of London Project Manager e: mdavenport@london.ca

ph: 519.661.2489 x5232



October 31, 2018

Chief Mary Duckworth Caldwell First Nation 14 Orange Street Leamington ON N8H 1P5

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Public Information Centre No. 1

Dear Chief Duckworth,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance (shown in Figure 1 below).

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On behalf of the Project Team, thank you for your cooperation and partnership throughout this project.

Yours sincerely,

Matthew Davenport, EIT

City of London Project Manager e: mdavenport@london.ca

ph: 519.661.2489 x5232



October 31, 2018

Chief Jason Henry
Chippewas of Kettle & Stony Point First Nation
6247 Indian Lane
Lambton Shores ON N0N 1J2

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Public Information Centre No. 1

Dear Chief Henry,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance (shown in Figure 1 below).

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LONDON PUBLIC LIBRARY STONEY CREEK BRANCH

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On behalf of the Project Team, thank you for your cooperation and partnership throughout this project.

Yours sincerely,

Matthew Davenport, EIT

City of London Project Manager e: mdavenport@london.ca ph: 519.661.2489 x5232



October 31, 2018

Chief Henry Myeengun Chippewas of the Thames First Nation 320 Chippewa Road, RR#1 Muncey ON N0L 1Y0

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Public Information Centre No. 1

Dear Chief Myeengun,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance (shown in Figure 1 below).

LONDON PUBLIC LIBRARY STONEY CREEK BRANCH

Study Area

SLACKWATER ROAD

ADELAIDE STREET NORTH

Figure 1 – Adelaide Street North EA Study Area Map

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On behalf of the Project Team, thank you for your cooperation and partnership throughout this project.

Yours sincerely,

Matthew Davenport, EIT

City of London Project Manager
e: mdavenport@london.ca

ph: 519.661.2489 x5232



October 31, 2018

Chief Denise Stonefish
Delaware Nation - Moravian of the Thames
14760 School House Line, RR#3
Thamesville ON NOP 2K0

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Public Information Centre No. 1

Dear Chief Stonefish,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance (shown in Figure 1 below).

Figure 1 – Adelaide Street North EA Study Area Map

LONDON PUBLIC LIBRARY STONEY CREEK BRANCH

Study Area

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On behalf of the Project Team, thank you for your cooperation and partnership throughout this project.

Yours sincerely,

Matthew Davenport, EIT

City of London Project Manager e: mdavenport@london.ca

ph: 519.661.2489 x5232



October 31, 2018

Chief Roger Thomas Munsee - Delaware Nation 289 Jubilee Road Muncey ON N0L 1Y0

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Public Information Centre No. 1

Dear Chief Thomas,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance (shown in Figure 1 below).

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LONDON PUBLIC LIBRARY STONEY CREEK BRANCH

Study Area

ADELAIDE STREET NORTH

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ON

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On behalf of the Project Team, thank you for your cooperation and partnership throughout this project.

Yours sincerely,

Matthew Davenport, EIT

City of London Project Manager e: mdavenport@london.ca

ph: 519.661.2489 x5232



October 31, 2018

Chief Jessica Hill
Oneida Nation of the Thames
2212 Elm Avenue
Southwold ON N0L 2G0

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Public Information Centre No. 1

Dear Chief Hill,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance (shown in Figure 1 below).

Figure 1 – Adelaide Street North EA Study Area Map

LONDON PUBLIC LIBRARY STONEY CREEK BRANCH

Study Area

ADELAIDE STREET-NORTH

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On behalf of the Project Team, thank you for your cooperation and partnership throughout this project.

Yours sincerely,

Matthew Davenport, EIT

City of London Project Manager e: mdavenport@london.ca ph: 519.661.2489 x5232



October 31, 2018

Chief Daniel Miskokomon Walpole Island First Nation 117 Tahgohoning, R.R. 3 Walpole Island ON N8A 4K9

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Public Information Centre No. 1

Dear Chief Miskokomon,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance (shown in Figure 1 below).

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LONDON PUBLIC LIBRARY STONEY CREEK BRANCH

Study Area

ADELAIDE STREET NORTH

OUT THE STONEY CREEK BRANCH

OU

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Yours sincerely,

Matthew Davenport, EIT

City of London Project Manager
e: mdavenport@london.ca

ph: 519.661.2489 x5232



October 31, 2018

Ms. Margaret Froh Métis Nation of Ontario 311-75 Sherbourne Street Toronto ON M5A 2P9

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Public Information Centre No. 1

Dear Ms. Froh,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance (shown in Figure 1 below).

Figure 1 – Adelaide Street North EA Study Area Map

London Public Library Stoney Creek Branch

Study Area

ADELAIDE STREET NORTH

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Yours sincerely,

Matthew Davenport, EIT

City of London Project Manager
e: mdavenport@london.ca

ph: 519.661.2489 x5232



October 31, 2018

Ms. Rhonda Gagnon Anishinabek Nation - Union of Ontario Indians 1 Migizii Miikan, PO Box 711 North Bay ON P1B 8J8

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Public Information Centre No. 1

Dear Ms. Gagnon,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance (shown in Figure 1 below).

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LONDON PUBLIC LIBRARY STONEY CREEK BRANCH

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On behalf of the Project Team, thank you for your cooperation and partnership throughout this project.

Yours sincerely,

Matthew Davenport, EIT

City of London Project Manager
e: mdavenport@london.ca

ph: 519.661.2489 x5232



October 31, 2018

Mr. Geoff Stonefish Association of Iroquois and Allied Indians 387 Princess Avenue London ON N6B 2A7

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Public Information Centre No. 1

Dear Mr. Stonefish,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance (shown in Figure 1 below).

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On behalf of the Project Team, thank you for your cooperation and partnership throughout this project.

Yours sincerely,

Matthew Davenport, EIT

City of London Project Manager
e: mdavenport@london.ca

ph: 519.661.2489 x5232



October 31, 2018

Southern First Nations Secretariat London District Chiefs Council 22361 Austin Line Bothwell ON NOP 1CO

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA) Study Fanshawe Park Road East to Sunningdale Road East, City of London Notice of Public Information Centre No. 1

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On behalf of the Project Team, thank you for your cooperation and partnership throughout this project.

Yours sincerely,

Matthew Davenport, EIT

City of London Project Manager e: mdavenport@london.ca

ph: 519.661.2489 x5232

From: <u>Huotari, Henry</u>

To: Chan, Salina; Doucette, Tisha
Subject: FW: Adelaide Street North MCEA
Date: Monday, November 12, 2018 8:56:52 AM

Attachments: image003.png

image004.png image001.png

From: Davenport, Matthew <mdavenport@london.ca>

Sent: Friday, November 09, 2018 4:51 PM **To:** 'Fallon Burch' <fburch@cottfn.com>

Cc: Huotari, Henry < Henry. Huotari@parsons.com>; 'Consultation' < consultation@cottfn.com>

Subject: RE: Adelaide Street North MCEA

Hi Fallon,

Thank you for your letter.

We would be happy to forward studies as they are completed, as they relate to the ongoing Adelaide Street North Environmental Assessment. Currently, our consultant, Parsons, is coordinating the Stage 1 Archaeological Assessment (background study). This work incorporates a review of relevant archaeological, historical and environmental literature; geographic information; and, land use information for the study area. If the background study identifies areas of archaeological potential, these areas will be investigated further through a Stage 2 Archaeological Assessment (property assessment). Parsons can advise on Stage 2 Archaeological Assessment activities and provide advance notification so that Chippewas of the Thames First Nation may participate and monitor our work in the field.

Members of our project team would be pleased to meet to discuss Chippewas of the Thames First Nation's consultation protocols and our project further; are there some dates that would work best for you?

Regards,



Matt Davenport, EIT
Engineer in Training
Transportation Planning & Design
City of London

300 Dufferin Ave, P.O. Box 5035, London ON N6A 4L9 P: 519.661.CITY (2489) x5232 | Fax: 519.661.4734 mdavenport@london.ca | www.london.ca[london.ca]

From: Fallon Burch [mailto:fburch@cottfn.com]
Sent: Tuesday, November 6, 2018 3:43 PM

To: Davenport, Matthew <mdavenport@london.ca>

Cc: <u>henry.huotari@parsons.com</u>; Consultation < <u>consultation@cottfn.com</u>>

Subject: Adelaide Street North MCEA

Good afternoon Matthew,

Thank you for notifying us of your proposed project. I have attached a letter of response on behalf of Chippewas of the Thames First Nation. I have also mailed a hard copy. If you have any questions, please do not hesitate to contact me.

Thank you,

Fallon Burch
Consultation Coordinator, Chippewas of the Thames First Nation
320 Chippewa Rd Muncey, ON NOL 1Y0 | 519-289-5555 |
www.cottfn.com/consultation[cottfn.com]

This email or documents accompanying this email contain information belonging to the Chippewas of the Thames First Nation. Which may be confidential and/or legally privileged. The information is intended only for the addressed recipients(s). If you are not an intended recipient, you are hereby notified that any disclosure, copying, distribution, or the taking of any action in reliance on the contents of this email. Is strictly prohibited. If you have received this email in error, please advise my office and delete it from your system.

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From: Nikki Orosz
To: Chan, Salina

Subject: RE: Adelaide St North Municipal Class EA Notices
Date: Sunday, November 25, 2018 8:37:48 PM

I'll make the documents available to Council. Thank you

Níkkí Orosz

Director of Operations

Caldwell First Nation

14 Orange Street

Leamington | ON | N8H 1P5 Office: (519) 322-1766

Mobile: (226) 236-1108

nikki.orosz@caldwellfirstnation.ca

From: Chan, Salina < <u>Salina.Chan@parsons.com</u>>

Sent: November 6, 2018 11:56 AM **To:** nikki.orosz@caldwellfirstnation.ca

Subject: Adelaide St North Municipal Class EA Notices

Hi Nikki,

I spoke with the receptionist this morning when following up with the Notices we have sent for the Adelaide St North Municipal Class EA. She advised that I could send you the Notices and follow up with you via email. Please see attached the Notice of Commencement and the Notice of PIC No. 1; the PIC is being hosted November 14, 2018.

Please advise if Caldwell First Nation has any comments on this study.

Thank you,

Salina Chan
Environmental Assessment Planner
625 Cochrane Drive, Suite 500 – Markham, Ontario, L3R 9R9
<u>salina.chan@parsons.com</u> - P: 905.943.0516, M: 647.465.3000

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May 17, 2019

Aamjiwnaang First Nation 978 Tashmoo Avenue Sarnia, ON, N7T 7H5

Attention: Chief Chris Plain

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA)

Study Fanshawe Park Road East to Sunningdale Road East, City of London

Notice of Public Information Centre No. 2

Aanii Chief Plain,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance.

The second of two (2) Public Information Centres (PICs) will be held to provide information on the project. At this drop-in event, attendees can freely browse the display boards, which will be used to present and obtain feedback on: the alternative design concepts and evaluation criteria; the preliminary preferred alternative design concept; and, potential impacts and mitigation measures.

Details of the PIC are as follows:

Date: Wednesday, June 05, 2019

Place: A. B. Lucas Secondary School, 656 Tennent Avenue, London, ON, N5X 1L8

Time: 5:00 pm - 7:00 pm

For more information, please visit the City's website: http://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx

If the Anishinaabeg community of Aamjiwnaang First Nation has any questions or comments, or would like more information on the project, please do not hesitate to contact a member of our

Project Team. Additionally, if you would like to meet to discuss the project further, we will arrange a date and time that is convenient to you. We will continue to keep you informed on the study's progress; if you no longer wish to receive information and updates about this project, please let us know.

On behalf of the Project Team, thank you for your cooperation and partnership throughout this project.

Miigwech,

Matt Davenport, EIT

519.661.2489 x5232

City of London Project Manager mdavenport@london.ca



May 17, 2019

Caldwell First Nation 14 Orange Street Leamington, ON, N8H 1P5

Attention: Chief Mary Frances Duckworth

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA)

Study Fanshawe Park Road East to Sunningdale Road East, City of London

Notice of Public Information Centre No. 2

Aanii Chief Duckworth,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance.

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Details of the PIC are as follows:

Date: Wednesday, June 05, 2019

Place: A. B. Lucas Secondary School, 656 Tennent Avenue, London, ON, N5X 1L8

Time: 5:00 pm - 7:00 pm

For more information, please visit the City's website: http://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx

If the Anishinaabeg community of Caldwell First Nation has any questions or comments, or would like more information on the project, please do not hesitate to contact a member of our

Project Team. Additionally, if you would like to meet to discuss the project further, we will arrange a date and time that is convenient to you. We will continue to keep you informed on the study's progress; if you no longer wish to receive information and updates about this project, please let us know.

On behalf of the Project Team, thank you for your cooperation and partnership throughout this project.

Miigwech,

Matt Davenport, EIT

City of London Project Manager mdavenport@london.ca

519.661.2489 x5232



May 17, 2019

Chippewas of the Thames First Nation R.R. #1, 320 Chippewa Road Muncey, ON, NOL 1Y0

Attention: Chief Myeengun Henry

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA)

Study Fanshawe Park Road East to Sunningdale Road East, City of London

Notice of Public Information Centre No. 2

Aanii Chief Henry,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance.

The second of two (2) Public Information Centres (PICs) will be held to provide information on the project. At this drop-in event, attendees can freely browse the display boards, which will be used to present and obtain feedback on: the alternative design concepts and evaluation criteria; the preliminary preferred alternative design concept; and, potential impacts and mitigation measures.

Details of the PIC are as follows:

Date: Wednesday, June 05, 2019

Place: A. B. Lucas Secondary School, 656 Tennent Avenue, London, ON, N5X 1L8

Time: 5:00 pm - 7:00 pm

For more information, please visit the City's website: http://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx

If the Anishinaabeg community of Chippewas of the Thames First Nation has any questions or comments, or would like more information on the project, please do not hesitate to contact a

member of our Project Team. Additionally, if you would like to meet to discuss the project further, we will arrange a date and time that is convenient to you. We will continue to keep you informed on the study's progress; if you no longer wish to receive information and updates about this project, please let us know.

On behalf of the Project Team, thank you for your cooperation and partnership throughout this project.

Miigwech,

Matt Davenport, EIT

City of London Project Manager mdavenport@london.ca 519.661.2489 x5232



May 17, 2019

Delaware Nation - Moravian of the Thames R.R. #3, 14760 School House Line Thamesville, ON, NOP 2K0

Attention: Chief Denise Stonefish

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA)

Study Fanshawe Park Road East to Sunningdale Road East, City of London

Notice of Public Information Centre No. 2

Koolamalsi Chief Stonefish,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance.

The second of two (2) Public Information Centres (PICs) will be held to provide information on the project. At this drop-in event, attendees can freely browse the display boards, which will be used to present and obtain feedback on: the alternative design concepts and evaluation criteria; the preliminary preferred alternative design concept; and, potential impacts and mitigation measures.

Details of the PIC are as follows:

Date: Wednesday, June 05, 2019

Place: A. B. Lucas Secondary School, 656 Tennent Avenue, London, ON, N5X 1L8

Time: 5:00 pm - 7:00 pm

For more information, please visit the City's website: http://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx

If the Lunaapew community of Delaware Nation - Moravian of the Thames has any questions or comments, or would like more information on the project, please do not hesitate to contact a

member of our Project Team. Additionally, if you would like to meet to discuss the project further, we will arrange a date and time that is convenient to you. We will continue to keep you informed on the study's progress; if you no longer wish to receive information and updates about this project, please let us know.

On behalf of the Project Team, thank you for your cooperation and partnership throughout this project.

Anushiik,

Matt Davenport, EIT

City of London Project Manager mdavenport@london.ca 519.661.2489 x5232



May 17, 2019

Chippewas of Kettle and Stony Point 6247 Indian Lane Kettle and Stony Point FN, ON, N0N 1J1

Attention: Chief Jason Henry

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA)

Study Fanshawe Park Road East to Sunningdale Road East, City of London

Notice of Public Information Centre No. 2

Aanii Chief Henry,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance.

The second of two (2) Public Information Centres (PICs) will be held to provide information on the project. At this drop-in event, attendees can freely browse the display boards, which will be used to present and obtain feedback on: the alternative design concepts and evaluation criteria; the preliminary preferred alternative design concept; and, potential impacts and mitigation measures.

Details of the PIC are as follows:

Date: Wednesday, June 05, 2019

Place: A. B. Lucas Secondary School, 656 Tennent Avenue, London, ON, N5X 1L8

Time: 5:00 pm - 7:00 pm

For more information, please visit the City's website: http://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx

If the Anishinaabeg community of Chippewas of Kettle and Stony Point has any questions or comments, or would like more information on the project, please do not hesitate to contact a member of our Project Team. Additionally, if you would like to meet to discuss the project further, we will arrange a date and time that is convenient to you. We will continue to keep you informed on the study's progress; if you no longer wish to receive information and updates about this project, please let us know.

On behalf of the Project Team, thank you for your cooperation and partnership throughout this project.

Miigwech,

Matt Davenport, EIT

City of London Project Manager mdavenport@london.ca 519.661.2489 x5232



May 17, 2019

Munsee - Delaware Nation R.R. #1, 289 Jubilee Road Muncey, ON, N0L 1Y0

Attention: Chief Roger Thomas

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA)

Study Fanshawe Park Road East to Sunningdale Road East, City of London

Notice of Public Information Centre No. 2

Koolamalsi Chief Thomas,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance.

The second of two (2) Public Information Centres (PICs) will be held to provide information on the project. At this drop-in event, attendees can freely browse the display boards, which will be used to present and obtain feedback on: the alternative design concepts and evaluation criteria; the preliminary preferred alternative design concept; and, potential impacts and mitigation measures.

Details of the PIC are as follows:

Date: Wednesday, June 05, 2019

Place: A. B. Lucas Secondary School, 656 Tennent Avenue, London, ON, N5X 1L8

Time: 5:00 pm - 7:00 pm

For more information, please visit the City's website: http://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx

If the Lunaapew community of Munsee - Delaware Nation has any questions or comments, or would like more information on the project, please do not hesitate to contact a member of our

Project Team. Additionally, if you would like to meet to discuss the project further, we will arrange a date and time that is convenient to you. We will continue to keep you informed on the study's progress; if you no longer wish to receive information and updates about this project, please let us know.

On behalf of the Project Team, thank you for your cooperation and partnership throughout this project.

Anushiik,

Matt Davenport, EIT

City of London Project Manager mdavenport@london.ca 519.661.2489 x5232



May 17, 2019

Oneida Nation of the Thames 2212 Elm Avenue Southwold, ON, NOL 2G0

Attention: Chief Jessica Hill

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA)

Study Fanshawe Park Road East to Sunningdale Road East, City of London

Notice of Public Information Centre No. 2

Sheko:li Chief Hill,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance.

The second of two (2) Public Information Centres (PICs) will be held to provide information on the project. At this drop-in event, attendees can freely browse the display boards, which will be used to present and obtain feedback on: the alternative design concepts and evaluation criteria; the preliminary preferred alternative design concept; and, potential impacts and mitigation measures.

Details of the PIC are as follows:

Date: Wednesday, June 05, 2019

Place: A. B. Lucas Secondary School, 656 Tennent Avenue, London, ON, N5X 1L8

Time: 5:00 pm - 7:00 pm

For more information, please visit the City's website: http://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx

If the Onyota'a:ka community of Oneida Nation of the Thames has any questions or comments, or would like more information on the project, please do not hesitate to contact a member of our

Project Team. Additionally, if you would like to meet to discuss the project further, we will arrange a date and time that is convenient to you. We will continue to keep you informed on the study's progress; if you no longer wish to receive information and updates about this project, please let us know.

On behalf of the Project Team, thank you for your cooperation and partnership throughout this project.

Yaw^ko,

Matt Davenport, EIT

City of London Project Manager mdavenport@london.ca 519.661.2489 x5232



May 17, 2019

Walpole Island First Nation R.R. #3, 117 Tahgahoning Road Walpole Island, ON, N84 4K9

Attention: Chief Daniel Miskokomon

Subject: Adelaide Street North Municipal Class Environmental Assessment (EA)

Study Fanshawe Park Road East to Sunningdale Road East, City of London

Notice of Public Information Centre No. 2

Aanii Chief Miskokomon,

The City of London, with its consultant Parsons Inc., is undertaking a Municipal Class Environmental Assessment (EA) Study for the widening of Adelaide Street North according to the recommendations in the City's *Smart Moves Transportation Master Plan* (TMP). The study area includes Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance.

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Details of the PIC are as follows:

Date: Wednesday, June 05, 2019

Place: A. B. Lucas Secondary School, 656 Tennent Avenue, London, ON, N5X 1L8

Time: 5:00 pm - 7:00 pm

For more information, please visit the City's website: http://www.london.ca/residents/Environment/EAs/Pages/Adelaide-Street-North-.aspx

If the Anishinaabeg community of Walpole Island First Nation has any questions or comments, or would like more information on the project, please do not hesitate to contact a member of our

Project Team. Additionally, if you would like to meet to discuss the project further, we will arrange a date and time that is convenient to you. We will continue to keep you informed on the study's progress; if you no longer wish to receive information and updates about this project, please let us know.

On behalf of the Project Team, thank you for your cooperation and partnership throughout this project.

Miigwech,

Matt Davenport, EIT

City of London Project Manager mdavenport@london.ca

519.661.2489 x5232

General Correspondence

Agency Correspondence



From: <u>Van Hemessen, William</u>
To: <u>esa.aylmer@ontario.ca</u>

Cc: Beneteau, Courtney; Doucette, Tisha

Subject: Information Request - Class EA for Adelaide Street North Widening, City of London

Date: Monday, July 23, 2018 4:34:01 PM

Attachments: <u>image001.png</u>

LCF Application Adelaide St N EA.pdf Adelaide St N Environmental Study Area.pdf

Hello,

Parsons has been retained by the City of London to initiate a municipal class EA for the proposed widening of Adelaide Street North between Fanshawe Park Road and Sunningdale Road, including the construction of a roundabout at the intersection of Adelaide Street and Sunningdale Road. A map of our study area for this project is attached. There are two watercourses in the study area: Powell Drain and Warren Drain, which are tributaries to Stoney Creek in the Thames River watershed.

We are currently in the process of collecting background information pertaining to the study area and we would like to request any relevant information you might have. This could include:

- Species at risk occurrences or concerns in the area (particularly any records not included in NHIC's public mapping application; note that three of our staff, including myself have received data sensitivity training)
- Locations of significant wildlife habitat, natural areas or features of concern, if known
- Watercourse classifications
- Fisheries records (fish and mussels)
- Fisheries management objectives, if any
- In-water work timing windows for construction

Additionally, I have attached an application for a scientific collection permit so that we can conduct fish sampling in the two watercourses in the study area.

Thank you for your time. Please do not hesitate to contact me if there is any other information you require.

All the best

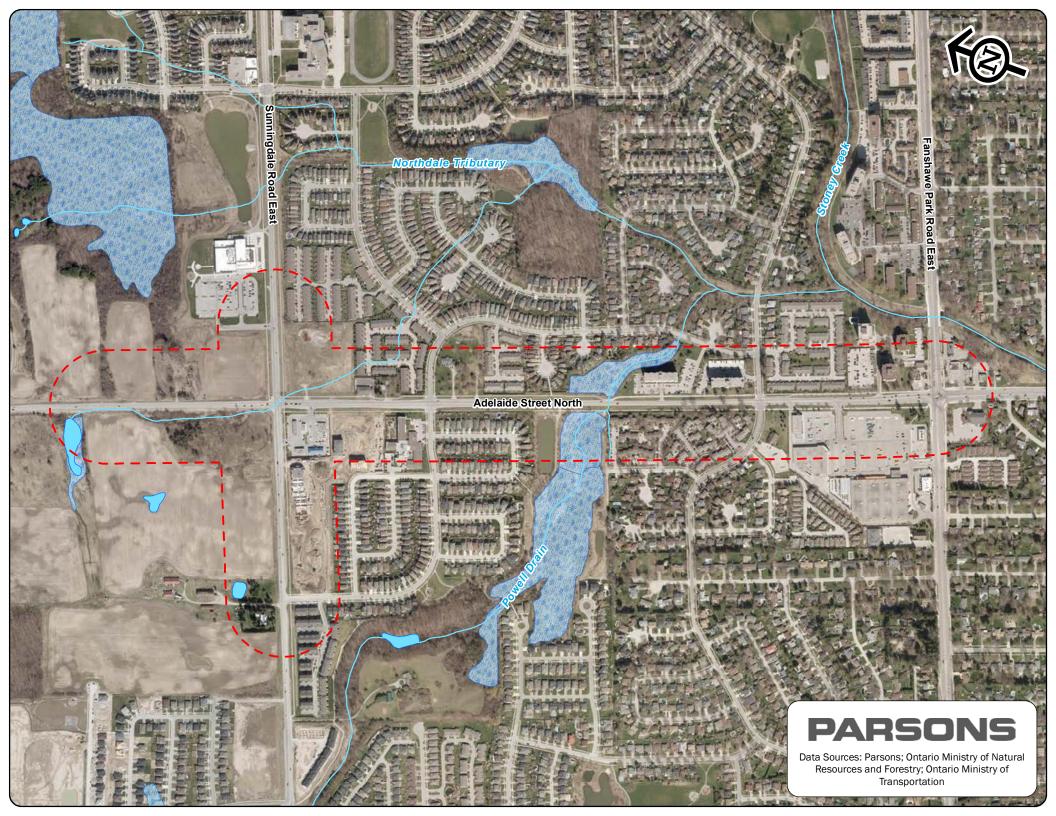
Will Van Hemessen

Will Van Hemessen, BES Environmental Scientist 1069 Wellington Rd S, Suite 214 - London, ON N6E 2H6 william.vanhemessen@parsons.com - P: +1 519.286.5509

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Ministry of Natural Resources Ministère des

Application for a Licence to Collect Fish for Scientific Purposes Richesses naturelles

Demande de permis pour faire la collecte de poissons à des fins scientifiques

		New licen	ce application / Nouvelle	demande de ¡	permis	Current Licence No.				
		Licence renewal / Renouvellement de permis ————————————————————————————————————								
Please print Veuillez écrire en caractères d'imprimerie		Personal information contained on this form is collected under the authority of the Fish and Wildlife Conservation Act, 1997 and will be used for the purpose of licencing, identification, enforcement, resource management and customer service surveys. Please direct further enquiries to the District Manager of the MNR issuing district. Les renseignements personnels dans ce formulaire sont recueillis conformément à la Loi sur la protection du poisson et de la faune, 1997, et ils seront utilisés aux fins de délivrance de permis, d'identification, d'application des règlements, de gestion des ressources et de sondage sur les services à la clientèle. Veuillez communiquer avec le chef du district du MRN qui délivre le permis si vous avez des questions.								
Name of	Last Name / Nom de famille		First Name / Prénom		Middle N	ame / Second prénom				
Applicant Nom du demandeur	□ Mr./M. □ Mrs./M ^{me} Ms./M ^{ile} Beneteau	Beneteau								
	Name of Business/Organization/Affiliation (if applicable) / Nom de l'entreprise/de l'organisme/de l'affiliation (le cas échéant)									
	Parsons									
Mailing address of Applicant	Street Name & No./PO Box/RR#/Gen. Del. / Nº, rue/C.P./R.R./poste restante									
Adresse postale du demandeur	1069 Wellington Rd South, Suite 214									
	City/Town/Municipality / Ville/village/municipalité			Province/Ştate Province/État		Postal Code/Zip Code Code postal/Zip				
	London			ON		N6E 2H6				
Physical address of applicant (if different from mailing address)	Street Name and No., Lot, Conc. / No, rue, lot, conc.									
Adresse physique du demandeur (si elle diffère de l'adresse postale)	City/Town/Municipality / Ville/village/munic	/ Ville/village/municipalité				Postal Code/Zip Code Code postal/Zip				
Phone numbers	Home telephone / Résidence Area Code / Code rég. Tel. # / Nº	ness telephone / Bureau Code / Code rég. Tel. # / Nº			écopieur / Code rég. Tel. # / Nº					
N ^{os} de téléphone	Area Code / Code reg. Tel. # / N	519-286-5502	Ext. / Poste Area Code / Code rég. Tel. # / Nº							
Names of Assistants	Last Name / Nom		First Name / Prénom		Middle N	ame / Second prénom				
Nom des adjoints	Knee	iee								
(Attach list, if insufficient space)	Dender		Mitchel	Mitchel						
(Joignez une liste si vous manquez d'espace)	Van Hemessen		William	William						
	Scott		Julie							
Gear to be used Matériel qui sera utilisé	Waders, gloves, backpack electrofisher, seine net, dip nets, buckets, GPS, camera									

Collection	Date/Collection Period From-To / Date/période de collecte De - à							
information Données sur la collecte	2 0 1 8 0 7 3 1 2 0 1	1 8 1 2						
(Attach list, if insufficient space) (Joignez une liste si vous manquez	Species Espèce	Specify Size (eggs, fry, adults) Précisez le stade (oeuf, fretin, adulte)		MNR District District du MRN	Name of Waterbody Nom de l'étendue d'eau			
d'espace) [']	All	Fry, adults	10,000	Aylmer	Powell Drain and Warren Drair (Stoney Creek subwatershed)			

Attachments Pièces jointes

Yes/Oui No/Non

An outline of the proposed project/collection and the objectives of the study. Or if an educational institution, a statement from an authorized officer (department head) of the institution indicating the educational institution's endorsement of the project and an outline of the objectives of the study.

Aperçu du projet/de la collecte proposé(e) et des objectifs de l'étude. S'il s'agit d'un établissement d'enseignement, déclaration d'une personne autorisée (chef de service) de l'établissement attestant son appui pour le projet et aperçu des objectifs de l'étude

I certify that the information provided in this application is true.

Signature of Applicant / Signature du demandeur

Date of application / Date de la demande Y/A Y/A Y/A Y/A M D/J D/J М

0 7

2 3

2 0 1 8

Je certifie que les renseignements fournis dans cette demande sont véridiques.

(Benefer

From: ESA-Aylmer (MNRF)
To: Van Hemessen, William

Subject: RE: Information Request - Class EA for Adelaide Street North Widening, City of London

Date: Tuesday, July 24, 2018 9:06:15 AM

Attachments: image001.png

Thank you for submitting a Species at Risk Information Request to the Aylmer District Ministry of Natural Resources and Forestry. Please note that responses from our office may take up to 8-10 weeks after receipt of all required information due to the high volume of requests received. It is estimated that you will receive a response on or before October 1, 2018.

Regards,
Ministry of Natural Resources & Forestry
Aylmer District
ESA Screening Requests
ESA.Aylmer@ontario.ca

From: Van Hemessen, William [mailto:William.VanHemessen@parsons.com]

Sent: July-23-18 4:34 PM **To:** ESA-Aylmer (MNRF)

Cc: Beneteau, Courtney; Doucette, Tisha

Subject: Information Request - Class EA for Adelaide Street North Widening, City of London

Hello,

Parsons has been retained by the City of London to initiate a municipal class EA for the proposed widening of Adelaide Street North between Fanshawe Park Road and Sunningdale Road, including the construction of a roundabout at the intersection of Adelaide Street and Sunningdale Road. A map of our study area for this project is attached. There are two watercourses in the study area: Powell Drain and Warren Drain, which are tributaries to Stoney Creek in the Thames River watershed.

We are currently in the process of collecting background information pertaining to the study area and we would like to request any relevant information you might have. This could include:

- Species at risk occurrences or concerns in the area (particularly any records not included in NHIC's public mapping application; note that three of our staff, including myself have received data sensitivity training)
- Locations of significant wildlife habitat, natural areas or features of concern, if known
- Watercourse classifications
- Fisheries records (fish and mussels)
- Fisheries management objectives, if any
- In-water work timing windows for construction

Additionally, I have attached an application for a scientific collection permit so that we can conduct fish sampling in the two watercourses in the study area.

Thank you for your time. Please do not hesitate to contact me if there is any other information you require.

All the best

Will Van Hemessen

Will Van Hemessen, BES
Environmental Scientist
1069 Wellington Rd S, Suite 214 - London, ON N6E 2H6
william.vanhemessen@parsons.com - P: +1 519.286.5509

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From: <u>Cerniavskaja, Karina (MNRF)</u>

To: <u>Evraire</u>, Andrew

Cc: mdavenport@london.ca; Huotari, Henry; Doucette, Tisha

Subject: RE: Notice of PIC#2 - Adelaide Street North Environmental Assessment Study

Date: Thursday, May 16, 2019 2:47:11 PM

Attachments: <u>image001.png</u>

Good afternoon Andrew,

Thank you for circulating this information to the Ministry of Natural Resources and Forestry (MNRF) office. Please note, the Ministry of Environment, Conservation and Parks (MECP) has now assumed responsibility for the Endangered Species Act (ESA), including species at risk (SAR) in Ontario. All future correspondence related to ESA or SAR should be sent to SAROntario@ontario.ca to reach the MECP directly.

MNRF will continue to review projects for matters that fall within the scope of the ministry's mandate and provide guidance with respect to legislation under the ministry's jurisdiction. I just wanted to make sure that you are aware of the above changes.

Please let me know if you have any questions.

Thank you, Karina

Karina Černiavskaja, District Planner

Ministry of Natural Resources and Forestry, Aylmer District 615 John St. N. Aylmer, ON N5H 2S8

Tel: 519-773-4757 | Cell: 519-630-5292 | Fax: 519-773-9014 | Email: <u>karina.cerniavskaja@ontario.ca</u>

As part of providing <u>accessible customer service</u> [ontario.ca], please let me know if you have any accommodation needs or require communication supports or alternate formats.

From: Evraire, Andrew < Andrew. Evraire@parsons.com>

Sent: May-16-19 2:29 PM

To: Evraire, Andrew < Andrew. Evraire@parsons.com>

Cc: mdavenport@london.ca; Huotari, Henry <Henry.Huotari@parsons.com>; Doucette, Tisha

<Tisha.Doucette@parsons.com>

Subject: Notice of PIC#2 - Adelaide Street North Environmental Assessment Study

Dear Sir / Madam,

The City of London is hosting its second Public Information Centre (PIC) for the Adelaide Street North Municipal Class Environmental Assessment (EA). The purpose of this PIC will be to present and obtain feedback on the alternative design concepts, preliminary preferred alternative design

concept and potential impacts and mitigation measures.

The details of the PIC are provided below – a formal notice is also attached with additional information.

Date: Wednesday, June 5, 2019

Time: 5:00 pm – 7:00 pm

Location: A.B. Lucas Secondary School

656 Tennent Avenue London, ON, N5X 1L8

Please feel free to contact the project team members listed on the attached Notice for further information on this project.

Sincerely,

Andrew Evraire, BURPI | Planner 500-625 Cochrane Drive, Markham, ON, L3R 9R9 Andrew.Evraire@Parsons.com

Office: +1 905.943.0592

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Identifying Wetlands and Potential Wetlands from ELC

The following is to assist with knowing when to consider/ require a wetland evaluation.

There are different ways to identify wetlands:

- 1. **Ontario Wetland Evaluation System** (OWES) is the approved system for wetland identification and evaluation in Ontario. The OWES criteria to identify wetlands is 50% or greater coverage by wetland species.
- 2. Alternatively **Ecological Land Classification** (ELC) can be used to determine the need for OWES. It can assist with scoping where OWES work should occur. Some ELC codes can be used to conclusively determine the presence of wetlands. Other ELC codes will identify potential wetland areas. ELC codes that have the potential to be wetlands require further assessment using OWES.

The following outlines ELC codes which require consideration under OWES:

Wetland ELC codes that meet OWES criteria for identifying a wetland

- Swamp Codes: any code beginning with SW
- Marsh Codes: any code beginning with MA
- Shallow Water: any code beginning with SA

Forest ELC codes that identify wetlands that meet OWES criteria

- FOD7-2: Moist Ash Lowland Deciduous Forest
- FOD7-3: Moist Willow Lowland Deciduous Forest
- FOC4-3: Fresh-Moist White Cedar Balsam Fir Coniferous Forest
- FOC4-1: Fresh-Moist White Cedar Coniferous Forest

Other ELC codes that have the potential to be or contain wetlands

- TPO2 / TPO2-1: Fresh-Moist Tallgrass Prairie
- TPS2 / TPS2-1: Fresh-Moist Pin Oak Bur Oak Tallgrass Savannah
- TPW2 / TPW2-2: Fresh-Moist Pin Oak Tallgrass Woodland
- FOC4-2: Fresh-Moist White Cedar Hemlock Coniferous Forest
- FOM6-2: Fresh-Moist Hemlock Hardwood Mixed Forest
- FOM7-2: Fresh-Moist White Cedar Hardwood Mixed Forest
- FOD6-1: Fresh-Moist Sugar Maple Lowland Ash Deciduous Forest
- FOD6-3: Fresh-Moist Sugar Maple Yellow Birch Deciduous Forest
- FOD6-4: Fresh-Moist Sugar Maple White Elm Deciduous Forest
- FOD7-1: Moist White Elm Lowland Deciduous Forest
- FOD9-2: Fresh-Moist Oak Maple Deciduous Forest
- FOD9-3: Fresh-Moist Bur Oak Deciduous Forest
- FOD9-4: Fresh-Moist Shagbark Hickory Deciduous Forest
- FOD9-5: Fresh-Moist Bitternut Hickory Deciduous Forest
- CUP1-5: Silver Maple Deciduous Plantation
- CUP1-6: Red Maple Deciduous Plantation
- CUP1-7: Green Ash Deciduous Plantation
- CUP3-5: Tamarack European Larch Coniferous Plantation
- CUP3-11: Black Spruce European Larch Coniferous Plantation
- CUM1 or 2: undefined species
- CUT1-4: Gray Dogwood Cultural Thicket
- CUT1-5: Raspberry Cultural Thicket
- CUT1-6: Poison Ivy Cultural Thicket
- CUS1 / CUS1-2: White Cedar Green Ash Cultural Savannah

From: ESA-Aylmer (MNRF)
To: Van Hemessen, William

Cc: Beneteau, Courtney; Doucette, Tisha

Subject: RE: Information Request - Class EA for Adelaide Street North Widening, City of London

Date: Wednesday, October 31, 2018 3:40:33 PM

Attachments: <u>image001.png</u>

Adelaide St N Environmental Study Area.pdf

 $\underline{2013Annual Mailout Attachment\ Identifying Wetlands \& Potential Wetlands From ELC....pdf}$

Hello William,

I sincerely apologize for the delay in response. The Ministry of Natural Resources and Forestry (MNRF) understands that Parsons has been retained to initiate a municipal class EA for the proposed widening of Adelaide Street North between Fanshawe Park Road and Sunningdale Road, including the construction of a roundabout at the intersection of Adelaide Street and Sunningdale Road.

MNRF provides the following natural heritage information in response to your request.

Species at Risk (SAR)

The Species at Risk in Ontario (SARO) List (https://www.ontario.ca/laws/regulation/080230[ontario.ca]) is Ontario Regulation 230/08 issued under the *Endangered Species Act*, 2007 (ESA). The ESA came into force on June 30, 2008, and provides both species protection (under section 9) and habitat protection (under section 10) to species listed as endangered or threatened on the SARO List.

An initial SAR (endangered and threatened species) screening has been completed for the above-noted property.

There are no known occurrences of SAR on the property; however, there are known occurrences of SAR in the general project area, including:

- American Badger (endangered), with species and regulated habitat protection
- Spiny Softshell (endangered), with species and general habitat protection
- SAR bats (endangered), with species and general habitat protection
- Barn Swallow (threatened), with species and general habitat protection
- Bobolink (threatened), with species and general habitat protection
- Eastern Hog-nosed Snake (threatened), with species and general habitat protection. Please note, the property may fall within general habitat for this species.
- Eastern Meadowlark (threatened), with species and general habitat protection

Please note that this is an initial screening for SAR and the absence of an element occurrence does not indicate the absence of species. The province has not been surveyed comprehensively for the presence or absence of SAR and MNRF data relies on observers to report sightings of SAR. Field assessments by a qualified professional may be necessary if there is a high likelihood for SAR species and/or habitat to occur within the project footprint and potentially be impacted.

Based on the information provided for this project, MNRF considers there to be high likelihood for the above-noted species and/or habitat to occur within the proposed project footprint. Please refer to our attached SAR Screening Process Technical Bulletin. MNRF strongly recommends that no on-site activity (i.e. site alteration, vegetation/debris removal, etc.) occurs until Stage 2 is complete, in order for proponents to demonstrate due diligence and remain in compliance with the ESA. Failure to comply with this recommendation could result in a contravention of the ESA and possible compliance / enforcement action.

It is important to note the following:

- The Committee on the Status of Species at Risk in Ontario (COSSARO) meets regularly to evaluate new species for listing and/or re-evaluate species already on the SARO List.
- As a result, species designations may change and changes may occur in both species and habitat protection which could affect the level of protection they receive under the ESA 2007 and whether proposed projects may have adverse effects on SAR.
- Habitat protection provisions for a species may change if a species-specific habitat regulation comes into effect.

If an activity or project will result in adverse effects to endangered or threatened species and/or their habitat, additional action would need to be taken in order to remain in compliance with the ESA. Additional action could be applying for an authorization under section 17(2)(c) of the ESA, or completing an online registry for an ESA regulation and following the rules in regulation if the project is eligible (http://www.ontario.ca/environment-and-energy/natural-resources-approvals[ontario.ca]). Questions about the registry process should be directed to MNRF's Registry and Approval Services Centre at 1-855-613-4256 or at mnr.rasc@ontario.ca. Please be advised that applying for an authorization does not guarantee approval and the process can take several months.

Significant Wildlife Habitat (SWH)

Significant wildlife habitat (SWH) may be present on or adjacent to the above-noted subject lands (within 120 m). Please consult the Significant Wildlife Habitat Technical Guide (SWHTG, OMNR 2000), the Natural Heritage Reference Manual (NHRM) and the Ecoregion Criteria Schedules for criteria on identifying and determining significance of wildlife habitat. SWH is identified by planning authorities using the criteria and processes recommended in the SWHTG and Ecoregion Criteria Schedules.

Link to the SWHTG: https://www.ontario.ca/environment-and-energy/guide-significant-wildlife-habitat[ontario.ca]

Link to Ecoregion 7E criteria schedule: http://publicdocs.mnr.gov.on.ca/View.asp?
http://publicdocs.mnr.gov.on.ca/View.asp?

MNRF completed a screening for S1-S3, SH and special concern species and the following have known occurrences in the general project area:

- Eastern Wood-peewee (special concern)
- Monarch (special concern)
- Black Tern (special concern)
- Snapping Turtle (special concern)
- Wood Thrush (special concern)

The habitat of provincially rare (S1-S3, SH) and Special Concern species is considered SWH under the category of 'Special Concern and Rare Wildlife Species' in the SWHTG Ecoregion Criteria Schedules. Therefore, consideration should be given to these species and whether their habitat occurs on or within 120 m of the subject lands.

Wetlands

The project footprint as shown in the attached appears to be within the Arva Moraine Wetland Complex Provincially Significant Wetland.

Up to date information on wetlands can be obtained directly from Lands Information Ontario[ontario.ca] (separate layers for provincially significant wetlands and identified wetlands) or the Natural Heritage Information Centre's Natural Heritage Make a Map[ontario.ca]. Wetlands that are designated as provincially significant have been evaluated in accordance with the Ontario Wetland Evaluation System (OWES). Many wetlands in Ontario have not yet been evaluated, and a wetland evaluation in accordance with OWES is required to determine significance. Please note that wetland evaluations files are 'open' files, and are updated from time to time as new information becomes available. Lack of wetland data does not mean absence of wetlands that could be provincially or regionally protected.

It is possible for unevaluated wetlands to occur on or adjacent to the site, e.g. they could be located within or in proximity to woodlands.

Please see the attached reference sheet for a list of Ecological Land Classification (ELC) communities that could possibly be considered wetlands in Aylmer District. Site-specific investigation within the study area may find existing wetlands within such ELC communities that have not yet been evaluated or designated. Consideration and delineation of wetland areas should be determined using criteria and methodology as outlined in the Ontario Wetland Evaluation System (OWES) and submitted to MNRF for review.

Areas of Natural and Scientific Interest

Up to date information on Areas of Natural and Scientific Interest (ANSI) can be obtained directly from Lands Information Ontario[ontario.ca] or the Natural Heritage Information Centre's Natural Heritage Make a Map[ontario.ca]. Please note that ANSI files are updated from time to time as new information becomes available and additional areas are assessed.

Fisheries

Fish community data can be obtained through many sources, including <u>Lands</u> <u>Information Ontario[ontario.ca]</u>, local fisheries or watershed management plans, and local MNRF district offices.

The following fish species are known to occur in the creek in the southern portion of the study area:

 Blacknose Dace, Bluntnose Minnow, Brook Stickleback, Central Stoneroller, Common Shiner, Creek Chub, Fathead Minnow, Greenside Darter, Johnny Darter, Northern Redbelly Dace, Pumpkinseed, Spotfin Shiner, White Sucker

Natural Heritage Systems

Policy 2.1.2 of the PPS states that the diversity and connectivity of natural features in an area, and the long-term ecological function and biodiversity of natural heritage systems (NHS), should be maintained, restored or, where possible, improved, recognizing linkages between and among natural heritage features and areas, surface water features and ground water features.

Applicable natural heritage studies (e.g. in an EIS) should identify and recognize natural heritage systems and the linkages between and among natural heritage features and areas associated with the proposed development and site alteration. Based on the local NHS/linkages identified, or those specifically identified in an Official Plan, an EIS should outline potential impacts to the NHS and consider ways of maintaining, restoring, and/or improving linkages between and among natural heritage features and areas.

Conservation Authorities and Official Plans may provide additional natural heritage information for this study.

Please be advised that it is your responsibility to be aware of and comply with all relevant federal or provincial legislation, municipal by-laws or other agency approvals.

If you have any questions or require additional information, please feel free to contact me.

Regards,

Jason Webb

Management Biologist Ministry of Natural Resources and Forestry Aylmer District (519) 773-4744

From: Van Hemessen, William [mailto:William.VanHemessen@parsons.com]

Sent: July-23-18 4:34 PM

To: ESA-Aylmer (MNRF) <ESA.Aylmer@ontario.ca>

Cc: Beneteau, Courtney < Courtney. Beneteau@parsons.com>; Doucette, Tisha

<Tisha.Doucette@parsons.com>

Subject: Information Request - Class EA for Adelaide Street North Widening, City of London

Hello,

Parsons has been retained by the City of London to initiate a municipal class EA for the proposed widening of Adelaide Street North between Fanshawe Park Road and Sunningdale Road, including the construction of a roundabout at the intersection of Adelaide Street and Sunningdale Road. A map of our study area for this project is attached. There are two watercourses in the study area: Powell Drain and Warren Drain, which are tributaries to Stoney Creek in the Thames River watershed.

We are currently in the process of collecting background information pertaining to the study area and we would like to request any relevant information you might have. This could include:

- Species at risk occurrences or concerns in the area (particularly any records not included in NHIC's public mapping application; note that three of our staff, including myself have received data sensitivity training)
- Locations of significant wildlife habitat, natural areas or features of concern, if known
- Watercourse classifications
- Fisheries records (fish and mussels)
- Fisheries management objectives, if any
- In-water work timing windows for construction

Additionally, I have attached an application for a scientific collection permit so that we can conduct fish sampling in the two watercourses in the study area.

Thank you for your time. Please do not hesitate to contact me if there is any other information you require.

All the best

Will Van Hemessen

Will Van Hemessen, BES Environmental Scientist 1069 Wellington Rd S, Suite 214 - London, ON N6E 2H6 william.vanhemessen@parsons.com - P: +1 519.286.5509

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"Inspiring a Healthy Environment"

December 23, 2019

City of London 300 Dufferin Avenue London ON, N6A 4L9

Attention: Matt Davenport, EIT (via email: mdavenport@london.ca)

Dear Mr. Davenport:

Re: Environmental Impact Study

Adelaide Street North Municipal Class Environmental Assessment

City of London

The Upper Thames River Conservation Authority (UTRCA) has completed a review of the (FINAL DRAFT) Environmental Impact Study (EIS), prepared by Parsons Inc. dated November 2019 and offer the following comments:

- 6.0 Alternative Solutions and Design Concepts UTRCA is supportive of the preferred alternative design concept "Option 1". The preferred widening from centerline (west and east side) will have the least overall impacts to the natural environment.
- 2. 7.0 Construction Impacts and Mitigation UTRCA supports Parsons' recommendations to relocate any proposed pathways and/or sidewalks to an area outside of the PSW boundaries. Further, any proposed works within the areas adjacent to sensitive PSW's (north and south of Sunningdale) should consider any potential short term and/or long term impacts to these features and incorporate any mitigation during detailed design.
- 3. **3.3.5 Source Water Protection –** Following a review of this section, UTRCA recommends stronger language to require that spill kits be available on-site as a BMP. Additionally, further defining "other contaminants" to include "pesticides, waste or sewage" is suggested.

Please note that UTRCA is interested in receiving further information regarding this project as it moves into Phase 4 (Design and Environmental Study Report). Thank you for the opportunity to comment on aspects of the study pertinent to our mandate.

Yours truly, UPPER THAMES RIVER CONSERVATION AUTHORITY

Brent Verscheure Land Use Regulation Officer

Bront Verscheure

c.c. Andrew Giesen - City of London

Evraire, Andrew

From:

Sent: Tuesday, June 04, 2019 11:48 AM

To: Evraire, Andrew

Subject: RE: Notice of PIC#2 - Adelaide Street North Environmental Assessment Study

Group Telecom has no existing facility in this area.

From: Evraire, Andrew < Andrew. Evraire@parsons.com>

Sent: May-29-19 4:16 PM

To: Evraire, Andrew < Andrew. Evraire@parsons.com>

Cc: Davenport, Matthew <mdavenport@london.ca>; Huotari, Henry <Henry.Huotari@parsons.com>; Doucette, Tisha

<Tisha.Doucette@parsons.com>

Subject: [EXT]RE: Notice of PIC#2 - Adelaide Street North Environmental Assessment Study

Dear Sir / Madam,

As a follow-up to the **Notice of PIC#2** for the Adelaide Street North Municipal Class Environmental Assessment (EA), we advise that the project team will be available to meet with you and/or your agency representatives **beginning at 4:30 PM** on the date of the PIC to address any specific questions or concerns you may have. This is in addition to the 5:00pm – 7:00pm timeslot which is allocated to all stakeholders.

Date: Wednesday, June 5, 2019

Time: 4:30 pm - 5:00 pm - Open to Technical Agencies

5:00 pm - 7:00 pm - Open to All Stakeholders and Technical Agencies

Location: A.B. Lucas Secondary School

656 Tennent Avenue London, ON, N5X 1L8

Please feel free to contact any of the project team members listed on the attached if you have any questions or comments.

Sincerely,

Andrew Evraire, BURPI | Planner 500-625 Cochrane Drive, Markham, ON, L3R 9R9 Andrew.Evraire@Parsons.com
Office: +1 905.943.0592

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From: Evraire, Andrew

Sent: Thursday, May 16, 2019 2:29 PM

To: Evraire, Andrew < Andrew. Evraire@parsons.com >

Cc: 'mdavenport@london.ca' <mdavenport@london.ca>; Huotari, Henry <Henry.Huotari@parsons.com>; Doucette,

Tisha < Tisha. Doucette@parsons.com >

Subject: Notice of PIC#2 - Adelaide Street North Environmental Assessment Study

Dear Sir / Madam,

The City of London is hosting its second Public Information Centre (PIC) for the Adelaide Street North Municipal Class Environmental Assessment (EA). The purpose of this PIC will be to present and obtain feedback on the alternative design concepts, preliminary preferred alternative design concept and potential impacts and mitigation measures.

The details of the PIC are provided below – a formal notice is also attached with additional information.

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Time: 5:00 pm – 7:00 pm

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Andrew Evraire, BURPI | Planner 500-625 Cochrane Drive, Markham, ON, L3R 9R9 Andrew.Evraire@Parsons.com Office: +1 905.943.0592

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External Email: Please use caution when opening links and attachments / Courriel externe: Soyez prudent avec les liens et documents joints

Evraire, Andrew

From:

Sent: Thursday, May 30, 2019 8:55 AM

To:

Cc: Evraire, Andrew

Subject: FW: Notice of PIC#2 - Adelaide Street North Environmental Assessment Study

Attachments: Final PIC2 Notice - Adelaide St N EA.pdf

FYI

Andrew, are you able to remove my name from these emails and substitute it

Thanks in advance



From: Evraire, Andrew [mailto:Andrew.Evraire@parsons.com]

Sent: Wednesday, May 29, 2019 4:16 PM

To: Evraire, Andrew < Andrew. Evraire@parsons.com>

Cc: Davenport, Matthew < mdavenport@london.ca>; Huotari, Henry < Henry. Huotari@parsons.com>; Doucette, Tisha

<Tisha.Doucette@parsons.com>

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Location: A.B. Lucas Secondary School

656 Tennent Avenue London, ON, N5X 1L8

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Sincerely,

Andrew Evraire, BURPI | Planner 500-625 Cochrane Drive, Markham, ON, L3R 9R9 Andrew.Evraire@Parsons.com Office: +1 905.943.0592

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From: Evraire, Andrew

Sent: Thursday, May 16, 2019 2:29 PM

To: Evraire, Andrew < Andrew. Evraire@parsons.com >

Cc: 'mdavenport@london.ca' <mdavenport@london.ca>; Huotari, Henry <Henry.Huotari@parsons.com>; Doucette,

Tisha <Tisha.Doucette@parsons.com>

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Sincerely,

Andrew Evraire, BURPI | Planner 500-625 Cochrane Drive, Markham, ON, L3R 9R9 Andrew.Evraire@Parsons.com Office: +1 905.943.0592

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From:

To: <u>Evraire</u>, Andrew

Subject: Re: Notice of PIC#2 - Adelaide Street North Environmental Assessment Study

Date: Thursday, May 23, 2019 12:22:25 PM

Attachments: <u>image001.png</u>

Good afternoon

Zayo has no existing plant in the area indicated in your submission. No markup and no objection. Thank you.

Utility Circulations

On Thu, 16 May 2019 at 14:30, Evraire, Andrew < Andrew. Evraire@parsons.com > wrote:

Dear Sir / Madam,

The City of London is hosting its second Public Information Centre (PIC) for the Adelaide Street North Municipal Class Environmental Assessment (EA). The purpose of this PIC will be to present and obtain feedback on the alternative design concepts, preliminary preferred alternative design concept and potential impacts and mitigation measures.

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Location: A.B. Lucas Secondary School

656 Tennent Avenue

London, ON, N5X 1L8

Please feel free to contact the project team members listed on the attached Notice for further information on this project.

Sincerely,

Andrew Evraire, BURPI | Planner

500-625 Cochrane Drive, Markham, ON, L3R 9R9

Andrew.Evraire@Parsons.com

Office: +1 905.943.0592

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From: <u>Badali, Mark (MECP)</u>
To: <u>Evraire, Andrew [NN-CA]</u>

Cc: Guil, Erik; Yanchuk, Paul; Orantes, Luis [NN-CA]; Eleuteri, Madeleine [NN-CA]; Adrien, Pierre (MECP); Grant,

Adam (He/Him) (MECP)

Subject: [EXTERNAL] RE: City of London - Adelaide Street North MCEA Study - Draft ESR for 30-Day Review

Date: Wednesday, June 28, 2023 10:53:51 AM

Attachments: image001.png image002.png

MECP PRU Comments - Draft ESR - London MCEA Sch C Adelaide St N.pdf

Hi Andrew,

In response to the draft Environmental Study Report provided for the Adelaide Street North project (Municipal Class EA, Schedule C) being completed by the City of London, please find the ministry's comments attached for your consideration.

Thank you for providing the ministry with an opportunity to comment on the above noted draft Report.

Best regards,

Mark Badali (he/him [the519.org]) | Senior Project Evaluator Environmental Assessment Program Support | Environmental Assessment Branch Ontario Ministry of the Environment, Conservation and Parks Mark.Badali1@ontario.ca | (416) 457-2155

From: Badali, Mark (MECP)
Sent: June 7, 2023 9:20 AM
To: Andrew Evening @paragrapes

To: Andrew.Evraire@parsons.com

Cc: Guil, Erik <eguil@london.ca>; Yanchuk, Paul <pyanchuk@london.ca>;

Luis.Orantes@parsons.com; Madeleine.Eleuteri@parsons.com

Subject: RE: City of London - Adelaide Street North MCEA Study - Draft ESR for 30-Day Review

I was able to download the Appendices, many thanks Andrew.

Mark Badali (he/him [the519.org]) | Senior Project Evaluator Environmental Assessment Program Support | Environmental Assessment Branch Ontario Ministry of the Environment, Conservation and Parks Mark.Badali1@ontario.ca | (416) 457-2155

From: <u>Andrew.Evraire@parsons.com</u> <<u>Andrew.Evraire@parsons.com</u>>

Sent: June 7, 2023 8:49 AM

To: Badali, Mark (MECP) < <u>Mark.Badali1@ontario.ca</u>>

Cc: Guil, Erik < <u>eguil@london.ca</u>>; Yanchuk, Paul < <u>pyanchuk@london.ca</u>>;

<u>Luis.Orantes@parsons.com</u>; <u>Madeleine.Eleuteri@parsons.com</u>

Subject: RE: City of London - Adelaide Street North MCEA Study - Draft ESR for 30-Day Review

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the

sender.

Hi Mark,

No problem. Please see attached link that will work with your e-mail address. June 28th shouldn't be an issue.

ESR Appendices - May 25 2023 [parsons365can-my.sharepoint.com]

We look forward to the Ministry's review.

Regards, Andrew

Andrew Evraire, MCIP, RPP | Planner 161 Bay Street, 27th Floor, PO Box 508 Toronto, Ontario, M5J 2S1 Andrew.Evraire@Parsons.com M: +1 437.774.4309

Parsons | LinkedIn | Twitter | Facebook | Instagram [instagram.com]



From: Badali, Mark (MECP) < Mark.Badali1@ontario.ca>

Sent: Tuesday, June 6, 2023 11:35 AM

To: Evraire, Andrew [NN-CA] < <u>Andrew.Evraire@parsons.com</u>>

Cc: Guil, Erik < <u>eguil@london.ca</u>>; Yanchuk, Paul < <u>pyanchuk@london.ca</u>>; Orantes, Luis [NN-CA] < <u>Luis.Orantes@parsons.com</u>>; Eleuteri, Madeleine [NN-CA] < <u>Madeleine.Eleuteri@parsons.com</u>> **Subject:** [EXTERNAL] RE: City of London - Adelaide Street North MCEA Study - Draft ESR for 30-Day

Review

Hi Andrew,

Thank you for providing this draft Environmental Study Report of the above-noted Class EA project for the ministry's consideration, in advance of the final Notice of Completion.

My apologies for my delayed response to your email. I am not able to access the Appendices file(s) with my email address through the sharepoint link you provided, possibly because the permission has expired. Can you please re-share the Appendices?

I will coordinate the ministry's review and aim to return any comments that we may have. I anticipate that the earliest I can return MECP comments will be **Wednesday**, **June 28**th, though I will try to return them earlier if possible. Would this be acceptable for the project timeline?

Thank you,

Mark Badali (he/him [the519.org]) | Senior Project Evaluator Environmental Assessment Program Support | Environmental Assessment Branch Ontario Ministry of the Environment, Conservation and Parks Mark.Badali1@ontario.ca | (416) 457-2155

From: Andrew.Evraire@parsons.com < Andrew.Evraire@parsons.com >

Sent: May 25, 2023 5:18 PM

To: EA Notices to SWRegion (MECP) < <u>eanotification.swregion@ontario.ca</u>>;

craig.newton@ontario.ca

Cc: Guil, Erik < eguil@london.ca >; Yanchuk, Paul < pyanchuk@london.ca >;

<u>Luis.Orantes@parsons.com</u>; <u>Madeleine.Eleuteri@parsons.com</u>

Subject: City of London - Adelaide Street North MCEA Study - Draft ESR for 30-Day Review

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Hello,

The City of London and their consultant, Parsons Inc., are finalizing the "Schedule C" Municipal Class Environmental Assessment (EA) Study for improvements to Adelaide Street North from Fanshawe Park Road East to 350m north of Sunningdale Road East; including Sunningdale Road East from Blackwater Road to Stoney Creek Community Centre entrance.

This project is being carried out under the planning and design process for a "Schedule C" project as outlined in the Municipal Engineers Association's Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 and 2015), and included two Public Information Centres (PICs) held in 2018 and 2019. The recommended plan includes the widening of Adelaide Street to provide two lanes of traffic in each direction, cycle tracks, sidewalks, centre medians and dedicated turning lanes.

The purpose of this e-mail is to invite the Ministry of Environment, Conservation and Parks (MECP) to review the draft Environmental Study Report (ESR) prior to the 30-day public review period. Comments on the draft ESR are requested by Monday, June 26, 2023.

A copy of the draft ESR is attached to this e-mail. Copies of the technical appendices can be accessed using the following link: ESR Appendices - May 25 2023 [parsons365can-my.sharepoint.com]

Should you have any comments or questions, please do not hesitate to contact me or the City of London's project team (cc'd).

Regards,

Andrew Evraire, MCIP, RPP | Planner 161 Bay Street, 27th Floor, PO Box 508 Toronto, Ontario, M5J 2S1

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Ministry of the Environment, Conservation and Parks

Ministère de l'Environnement, de la Protection de la nature

et des Parcs

Environmental Assessment

Branch

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Via E-mail Only

June 28, 2023

Andrew Evraire
Planner
Parsons Inc.
Andrew.Evraire@Parsons.com

Re: Adelaide Street North
City of London
Municipal Class Environmental Assessment – Schedule C
Project Review Unit Comments – Draft Environmental Study Report

Dear Andrew Evraire,

Thank you for providing the ministry with an opportunity to comment on the draft Environmental Study Report (ESR) for the above noted Class Environmental Assessment (EA) project. Our understanding is that in order to address future traffic operational deficiencies, the City of London (the proponent) has determined that the preferred alternative is to widen Adelaide Street North from the centreline, including bicycle tracks and placing a future watermain along the west side of the Right of Way. The Ministry of the Environment, Conservation and Parks (ministry) provides the following comments for your consideration.

Excess Materials and Waste

1) In December 2019, the ministry released a new regulation under the Environmental Protection Act, titled *On-Site and Excess Soil Management* (O. Reg. 406/19) to support improved management of excess construction soil. For more information, please visit www.ontario.ca/page/handling-excess-soil. The ministry recommends that the ESR reference that activities involving the management of excess soil should be completed in accordance with O. Reg. 406/19 and the ministry's current guidance documents titled "Management of

<u>Excess Soil – A Guide for Best Management Practices</u>" (2014) and "<u>Rules for Soil Management and Excess Soil Quality Standards</u>" (2022).

Indigenous Consultation

2) The proponent should continue to engage with all communities that have been engaged with to date as the Class EA process proceeds.

Species at Risk

3) Further to the discussion of Species at Risk included in sections 3.3.3, 8.3, and throughout the ESR, please note that it is the responsibility of the proponent to ensure that Species at Risk are not killed, harmed, or harassed, and that their habitat is not damaged or destroyed through the proposed activities to be carried out on the site. If the proposed activities cannot avoid impacting protected species and their habitats, then the proponent will need to apply for an authorization under the *Endangered Species Act* (ESA). If the proponent believes that their proposed activities are going to have an impact or are uncertain about the impacts, they should contact SAROntario@ontario.ca to undergo a formal review under the ESA.

Thank you for circulating this draft Report for the ministry's consideration. Please document the provision of the draft Report to the ministry as well as this Project Review Unit Comments letter in the final report, and please provide an accompanying response letter to support our review of the final report. A copy of the final Notice should be sent to the ministry's Southwest Region EA notification email account (eanotification.swregion@ontario.ca).

Should you or any members of your project team have any questions regarding the material above, please contact me at mark.badali1@ontario.ca.

Sincerely,

Mark Badali

Senior Project Evaluator

Mark Fideli

Environmental Assessment Program Support, Environmental Assessment Branch Ontario Ministry of the Environment, Conservation and Parks

cc Pierre Adrien, Manager, London District Office, MECP
Adam Grant, Water Compliance Supervisor, London District Office, MECP
Paul Yanchuk, Project Manager, City of London

Notice of Study Completion

[Placeholder]

