



**THE CORPORATION OF THE CITY OF WINDSOR
OFFICE OF THE CITY ENGINEER – Operations**

MISSION STATEMENT:

"Our City is built on relationships – between citizens and their government, businesses and public institutions, city and region – all interconnected, mutually supportive, and focused on the brightest future we can create together."

LiveLink REPORT #: 17728 SW/11729	Report Date: May 20, 2015 PW#4065-05/15/15:eb
Author's Name: Jennifer Leitzinger	Date to Council: June 1, 2015
Author's Phone: 519 255-6247 ext. 6002	Classification #:
Author's E-mail: jleitzinger@city.windsor.on.ca	

To: Mayor and Members of City Council

Subject: 6th Concession Road/North Talbot Road Environmental Assessment (EA) – Filing the Notice of Study Completion

1. RECOMMENDATION: City Wide: _____ Ward(s): 1, 9

THAT Administration **BE DIRECTED** to finalize the 6th Concession Road/North Talbot Road Environmental Assessment with recommendations supporting the Preferred Alternative identified by Dillon Consulting (the City of Windsor's project Consultant);

And further THAT Administration **BE DIRECTED** to issue the Notice of Study Completion for the Sixth Concession Road/North Talbot Road Environmental Assessment as per the Municipal Class Environmental Assessment Planning Process to commence the 30-day review period immediately following finalizing the Environmental Assessment.

EXECUTIVE SUMMARY:

N/A

2. BACKGROUND:

At its Council Meeting on August 6, 2013, Council authorized the initiation of the 6th Concession Rd./North Talbot Rd. EA in response Livelink Report #16664 - Award of 6th Concession/North Talbot Environmental Assessment: Proposal 70-13 by CR148/2013 (Appendix 'A').

The 6th Concession Rd./North Talbot Rd. EA was undertaken in accordance with the planning and design process for 'Schedule C' projects of the Municipal Class Environmental Assessment (June 2000, as amended in 2007 and 2011) under the *Ontario Environmental Assessment Act*.

A flowchart of the Municipal Class EA Planning and Design Process showing these phases is attached as Appendix 'B'.

The City of Windsor, in association with their consultant, Dillon Consulting Limited is in the process of finalizing a Municipal Class Environmental Assessment study (Class EA) to provide

improved 6th Concession Road and North Talbot Road corridors that will serve the needs of the transportation system and area growth for a 20-year period.

The limits of the study area are as follows:

- 6th Concession Rd. (Class I Collector), from Division Rd. to North Talbot Rd. (approx. distance 2.1 km)
- North Talbot Rd. (Class I Collector) from Howard Ave. to the east city limits (approx. distance 1.9 km).

A Study Area Map is seen in Figure 1.

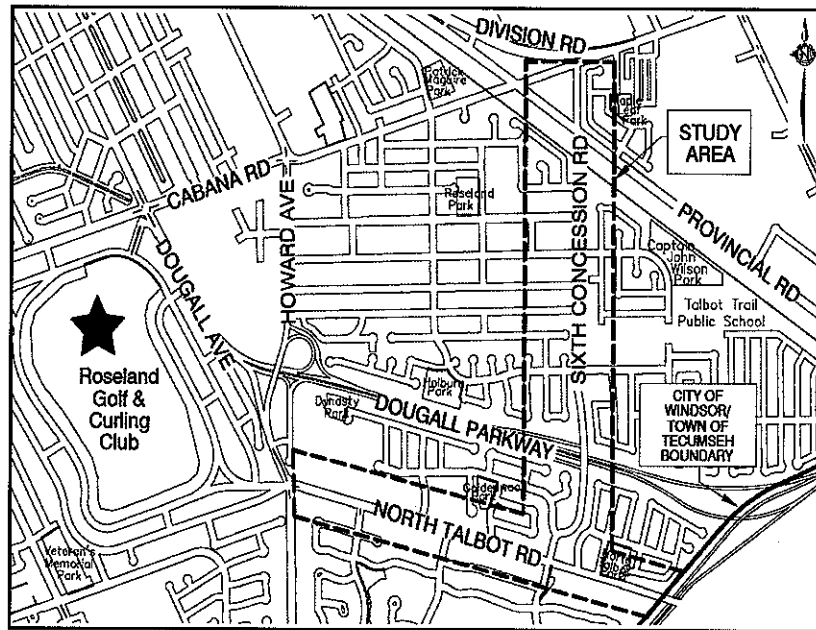


Figure 1: Study Area Map

The 6th Concession Rd/ North Talbot Rd. Technical Team was comprised of the following departments:

- Traffic Operations, Parking and Transportation Planning
- Infrastructure and Geomatics
- Legal Services, Real Estate and Risk Management
- Public Works - Operations
- Parks
- Planning and Building Services

Consideration was given to pedestrian connections, bikeway connections, traffic calming, and drainage. The study addressed impacts on the adjacent arterial/collector/local road network and land uses.

3. DISCUSSION:

Public consultation is an important part of the EA process. Project related information and updates have been maintained on the Project Website (www.WindsorEAs.ca) throughout the study. Two Public Information Centres (PICs) as well as a Transportation Planning and Urban Design Workshop were conducted for this study.

Public Information Centre (PIC) #1

PIC #1 was held on February 26, 2014 at the Roseland Golf & Curling Club from 4:00pm to 8:00 pm to provide information about the EA process and the project, including problems and opportunities identified in the corridors and issues related to the alternative solutions, design opportunities and options, environmental considerations and evaluation criteria. Please see Appendix 'C' for the Notice of Public Information Centre #1.

Interested parties were invited to attend the open house forum to:

- Meet the project team
- Become informed about the project and the EA process
- Learn about the problems and opportunities identified in the corridor
- Discuss issues related to the alternative solutions, design opportunities and options, environmental considerations and evaluation criteria
- Provide written and/or verbal comments and input
- Register to be added to the project mailing list and kept informed of the project progress

Feedback related to the study area from this PIC pertained to the following:

- Poor pedestrian/cyclist access at the railway crossing on 6th Concession Rd.
- Support for elimination of ditches and pork chop islands
- Connections from storm drain to storm sewer
- Cut through traffic at Holburn St. and Wallace Ave. (originating from Walker Estates)
- School bus access (turning movements) at Holburn St. to Talbot Trail Public School
- Support for a 4-way stop at Ducharme St.
- Sidewalks on both sides of North Talbot Rd.
- Support for bicycle lanes

Transportation Planning and Urban Design Workshop

The Road Safety, Urban Design and Streetscape workshop was held on April 1, 2014 from 2:00 – 5:00 pm at the Roseland Golf & Curling Club to discuss alternative design options for Sixth Concession Road and North Talbot Road including intersection improvements, traffic calming measures and intersection traffic control upgrades. The workshop focused on road safety, urban design and streetscape for the two corridors.

A total of 15 workshop applications were received by the project team expressing an interest in participating. Of those interested, 11 attended, the outcome of which is summarized below.

Summary of Discussion from the Transportation Planning and Urban Design Workshop

Attendees were encouraged to share their questions, comments and concerns during the workshop. The following provides a summary of the key ideas and discussion points generated at the workshop:

- Desire for pedestrian and bike facilities throughout both corridors and on both sides of the street

- Areas requiring special attention regarding pedestrian and cyclist safety include:
 - Sixth Concession Road/Dougall Parkway
 - Sixth Concession Road/CN Rail crossing
 - Sixth Concession Road/Ducharme Street
 - Sixth Concession Road/Holburn Street
- Desire for a cycling and pedestrian friendly connection to Devonwood Conservation Area and Cabana Road
- Accessibility for persons with disabilities will be addressed throughout the study area including ramps at intersections
- Roundabout at Sixth Concession and North Talbot Road could be treated as a gateway/anchor into the area
- Desire for connection of communities in the area
- Creating “complete streets” is a critical success factor
- Visual cues and side friction (e.g. vegetation, street furniture, road treatments) slow drivers down in residential areas
- Consider different coloured bike lanes to give the illusion of reduced pavement width for motorists
- Need for proper transitioning of sidewalks and bike lanes (outside of study area)
- Ensure that improvements deal with the issue of traffic “cutting through” the residential neighbourhood west of Sixth Concession Road

Public Information Centre #2

PIC #2 was held on June 26, 2014 from 4:00 pm to 8:00 pm at the Roseland Golf & Curling Club to provide information on the Class EA study process, the evaluation of design alternatives, the recommended design alternative and the potential impacts and associated mitigation measures. Please see Appendix ‘D’ for the Notice of Public Information Centre #2.

Interested parties were invited to attend this open house forum to review and provide your input on the following:

- EA study process to date
- Evaluation of design alternatives
- Recommended design alternative
- Potential impacts and associated mitigation measures
- A summary of the next steps in the process

Feedback related to the study area from this PIC pertained to the following:

- Roundabout safety
- Traffic volumes, traffic flow and speeding concerns
- Railway crossing safety
- Pork chop islands (non-compliance, retention, removal)
- Active transportation connection to Devonwood Conservation Area
- Landscaping
- Cycling/pedestrian safety
- Alternative designs
- Construction timing
- Storm sewer/water connection

Comments related to potential property impacts were addressed by the project team on an individually basis with the property owners.

Three (3) alternatives were presented at PIC #2 for 6th Concession Rd. as well as North Talbot Rd. The following are the preferred design alternatives recommended for 6th Concession Rd. and North Talbot Rd.

Alternative 3 - Recommended Alternative for 6th Concession Rd. (Class I Collector)

Key elements of the Preferred Design Alternative include the following, with the typical cross-section illustrated in Figure 2:

- Two 3.3 m through lanes throughout accommodated within the existing ROW
- 1.8 m bike lanes and 1.5 m sidewalks on both sides of the road
- Mini roundabout at Ducharme Street and Sixth Concession Road
- Two full-sized roundabouts are included at Sixth Concession Road /North Talbot Road and at Holburn Street/Sixth Concession Road
- Increase to the width of the CN railway platform to accommodate cycle lanes and sidewalks
- Enclosed stormwater system

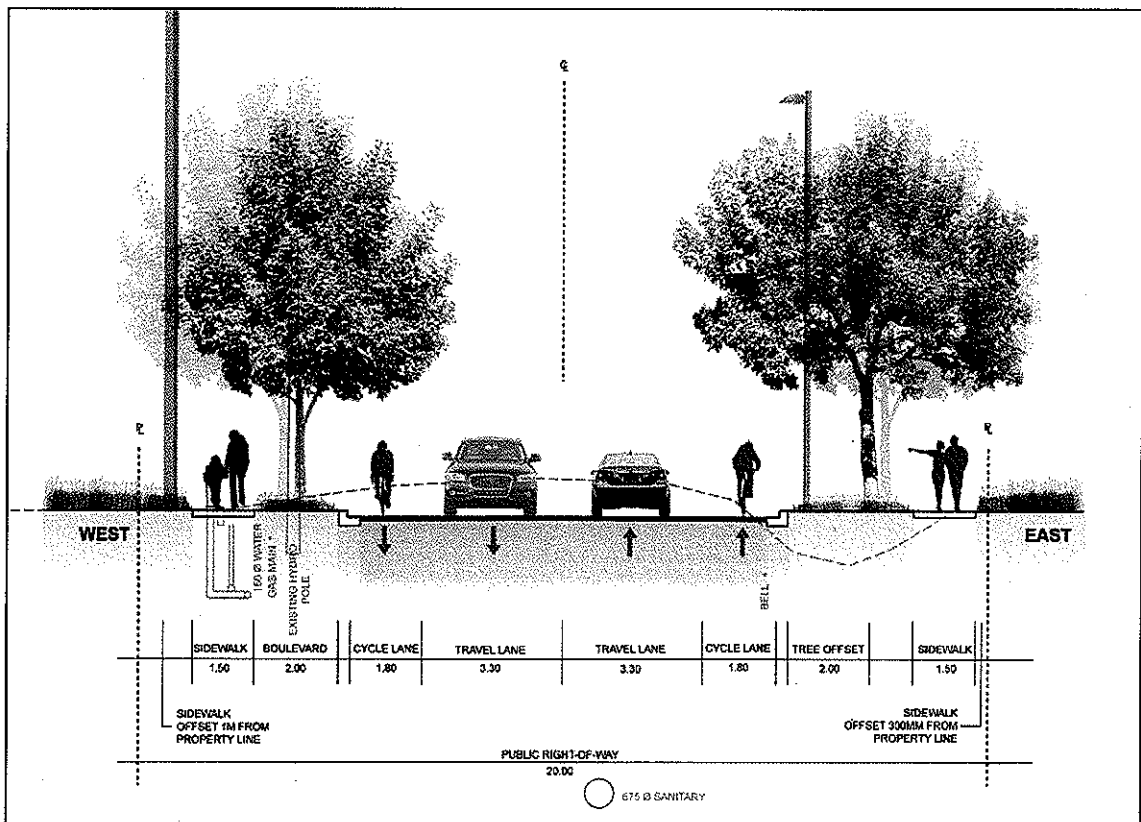


Figure 2: Recommended Typical Cross-Section for 6th Concession Road Preferred Alternative

Alternative 3 - Recommended Alternative for North Talbot Rd. (Class I Collector)

Key elements of the Preferred Design Alternative include the following, with the typical cross-section illustrated in Figure 3:

- Two 3.3 m through lanes throughout accommodated within the existing ROW
- 1.8 m bike lanes and 1.5 m sidewalks on both sides of the road
- Mini roundabout at Southwood Lakes Boulevard West, Northwood Lakes Drive and Goldenwood Drive along North Talbot Road
- Left turn lanes will be provided at Old West Avenue South (eastbound only)
- Full-sized roundabouts included at Sixth Concession Road /North Talbot Rd.
- Enclosed stormwater system

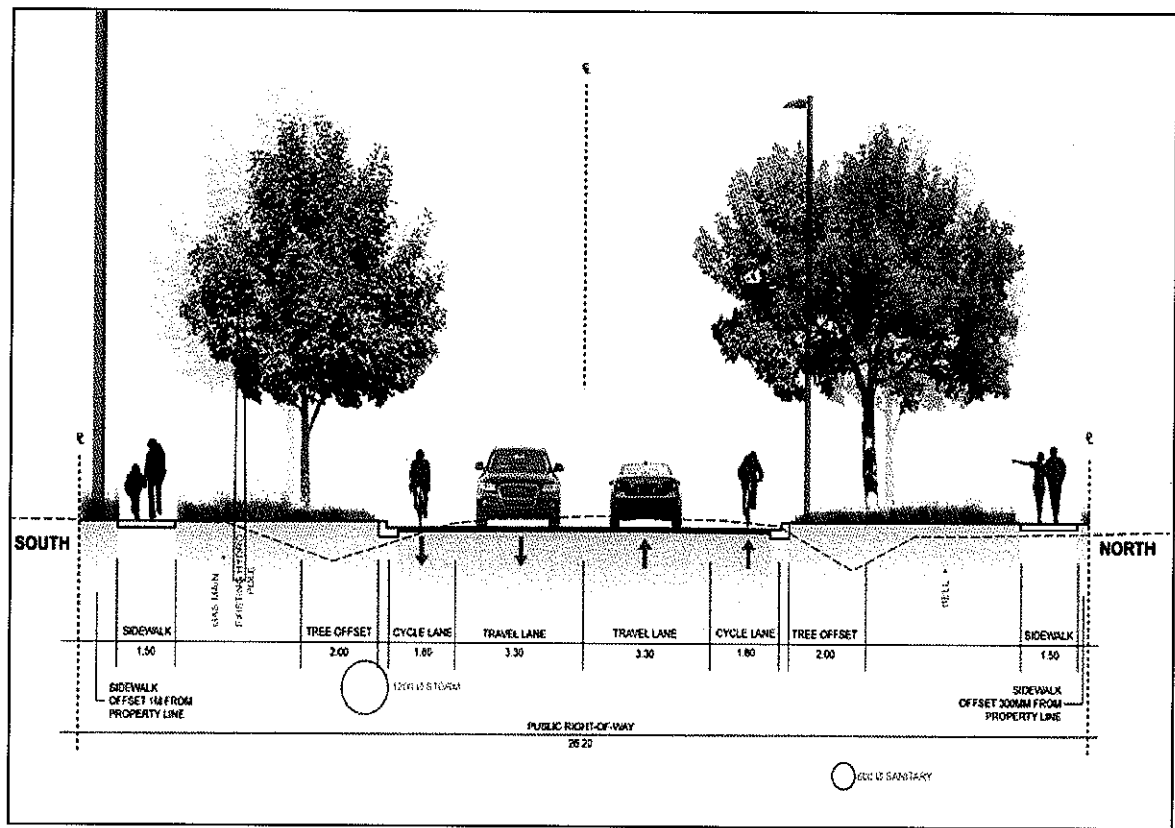


Figure 3: Recommended Typical Cross-Section for North Talbot Road Preferred Alternative

As documented in the draft EA, Alternative 3 is the recommended design alternative for 6th Concession Rd. and North Talbot Rd. based on the following rationale:

- Improved pedestrian cycling and transit movements
- Traffic operations and safety
- Improved traffic flow to encourage utilization of the 2 corridors
- The combination of 3.3m lane widths with mini and full-sized roundabouts provide a higher level of traffic speed control along the corridor
- Ability to provide landscaping in the boulevard and full-sized roundabouts
- Minimal property impacts
- Operation/maintenance costs are slightly lower (only applies to 6th Concession Rd. Recommended Alternative)

Figure 4 illustrates the recommended intersection treatments for 6th Concession Rd. and North Talbot Rd.

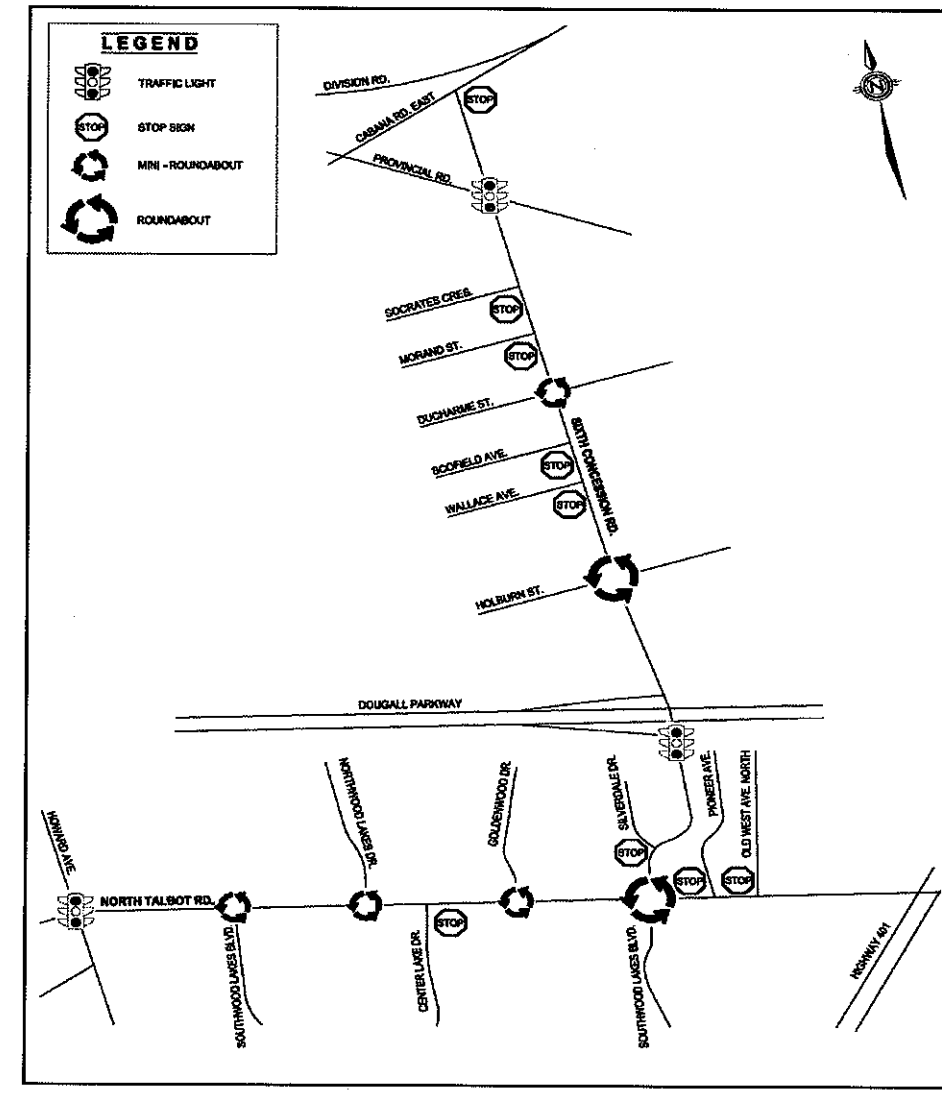


Figure 4: Recommended Intersection Treatments for 6th Concession Rd./North Talbot Rd.

Construction Implementation and Phasing

Implementation of each corridor in its entirety is important to ensure the overall traffic calming strategy is realized. The benefits will only become evident when all improvements are in place.

The core of the solution to the issues impacting the Sixth Concession Road corridor is to ensure that traffic in the corridor can readily flow in the north-south direction and that existing impediments to that flow be removed or modified.

Based on project magnitude, it is likely that a phased construction approach will be required. The limits of each phase of construction will be determined based on the availability of funding, which is subject to the City of Windsor Council approval. The proposed phasing focuses on optimizing the impact of the traffic calming elements and improving traffic flow as early as possible.

Specific Phasing information will be provided in the Consultant presentation.

The existing pork-shop islands should be removed during the reconstruction effort, easing access for area residents and emergency services. If shortcutting through the Old Roseland neighbourhood becomes an issue at any time after reconstruction, then it is recommended that a neighbourhood traffic calming study be undertaken to identify the scope and magnitude of the problem and appropriate solutions within the neighbourhood and not on Sixth Concession Road. Public participation should be an integral part of any traffic calming study.

A preliminary construction cost estimate is presented seen in Table 1.

PRELIMINARY CONSTRUCTION COST ESTIMATE	
	(MILLIONS OF DOLLARS)
SIXTH CONCESSION ROAD CORRIDOR TOTAL	\$ 6.90
NORTH TALBOT ROAD CORRIDOR TOTAL	\$ 4.81
GRAND TOTAL (excluding HST)	\$ 11.71

Notes: All above noted costs included 20% Contingency and 15% Engineering.

Table 1: Preliminary Construction Cost Estimate

Next Steps

Dillon Consulting is finalizing the study Report that will identify a preferred alternative, pending Council confirmation.

The Notice of Final Completion will be published in the Windsor Star and on the Project Website immediately following finalizing the ESR and provided by direct mail-out to the directly affected property owners and those whom have requested to be included on the project contact list for the EA. A copy of the Notice of Filing of the ESR will be provided to the Mayor and Members of Council and included as a Communication Item at the next regularly scheduled meeting of Council following publication. The ESR will be made available at City Hall in the Clerk's office during the 30-calendar day review period.

4. RISK ANALYSIS:

No significant or critical risks were identified.

The recommendation will require, pursuant to the *Environmental Assessment Act*, a mandatory 30-day review period. This provides an opportunity for the public to request a Part II Order regarding the proposed undertaken in the EA. Upon filing such an objection, the Minister of the Environment undertakes a review and renders a decision, which may approve, deny, or approve with conditions. This is a moderate risk, with medium impact with a likely possibility of occurring. However since road construction is not imminent and the 30- day period is mandated by legislation, it is recommended that this risk be tolerated.

5. FINANCIAL MATTERS:

As per CR148/2013, the \$186,260 (excluding HST) Consultant fee is being funded through the Environmental Assessment Studies Capital Budget Account No. 007-5455-1790-04642-7086010 to file the 6th Concession Rd. /North Talbot Rd. ESR. Construction related to this EA will be contingent on future capital budgets.

6. CONSULTATIONS:

Office of the CAO
Infrastructure and Geomatics Department
Office of the Chief Financial Officer

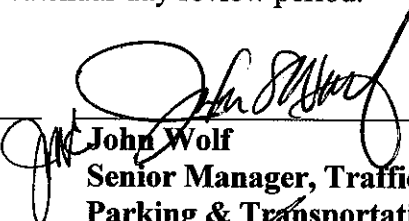
7. CONCLUSION:

Several criteria and factors were utilized in the assessment of the design alternatives including natural environment, socio-economic environment, cultural environment, transportation, costs and technical considerations.

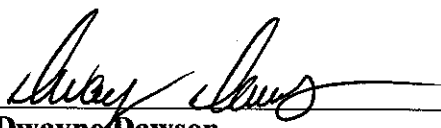
Pending Council confirmation, the ESR will be finalized identifying the Preferred Alternative for both corridors. The Notice of Study Completion will be published in the Windsor Star and on the Project Website (www.WindsorEAs.ca) immediately following finalizing the ESR and provided by direct mail-out to the directly affected property owners and those whom have requested to be included on the project contact list for the ESR. A copy of the Notice of Study Completion will be provided to the Mayor and Members of Council and included as a Communication Item at the next regularly scheduled meeting of Council following publication. The ESR will be available at City Hall in Council Services during the 30-calendar day review period.



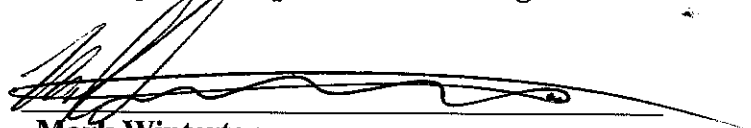
Jennifer Leitzinger
Transportation Planning Engineer




John Wolf
Senior Manager, Traffic Operations,
Parking & Transportation Planning



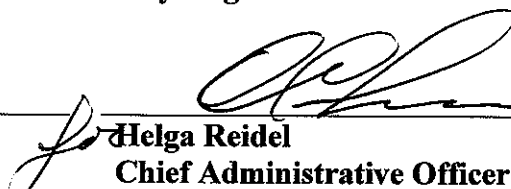
Dwayne Dawson
Executive Director of Operations



Mark Winterton
City Engineer



Onorio Colucci
Chief Financial Officer/City Treasurer
and Corporate Leader Finance and
Technology



Helga Reidel
Chief Administrative Officer

JL:

APPENDICES:

Appendix 'A' – CR148/2013

Appendix 'B' – Municipal Class EA Planning and Design Process

Appendix 'C' – Notice of Public Information Centre #1

Appendix 'D' – Notice of Public Information Centre #2

DEPARTMENTS/OTHERS CONSULTED:

Name: Phone #: 519 ext.

NOTIFICATION:

Name	Address	Email Address	Telephone	FAX
Individuals included on the Study Mailing List				

CR148/2013

- I. **THAT APPROVAL BE GIVEN** to undertake an expenditure of up to \$200,000 (including non-recoverable HST) for the 6th Concession/North Talbot Environment Assessment.
- II. **THAT**, in accordance with the terms of RFP-70-13, Council **AWARD** the contract to undertake the 6th Concession/North Talbot Environmental Assessment to the following successful proponent:

Proponent/Company: *Dillon Consulting Limited*

Proposal: *6th Concession/North Talbot Environment Assessment
No. 70-13*

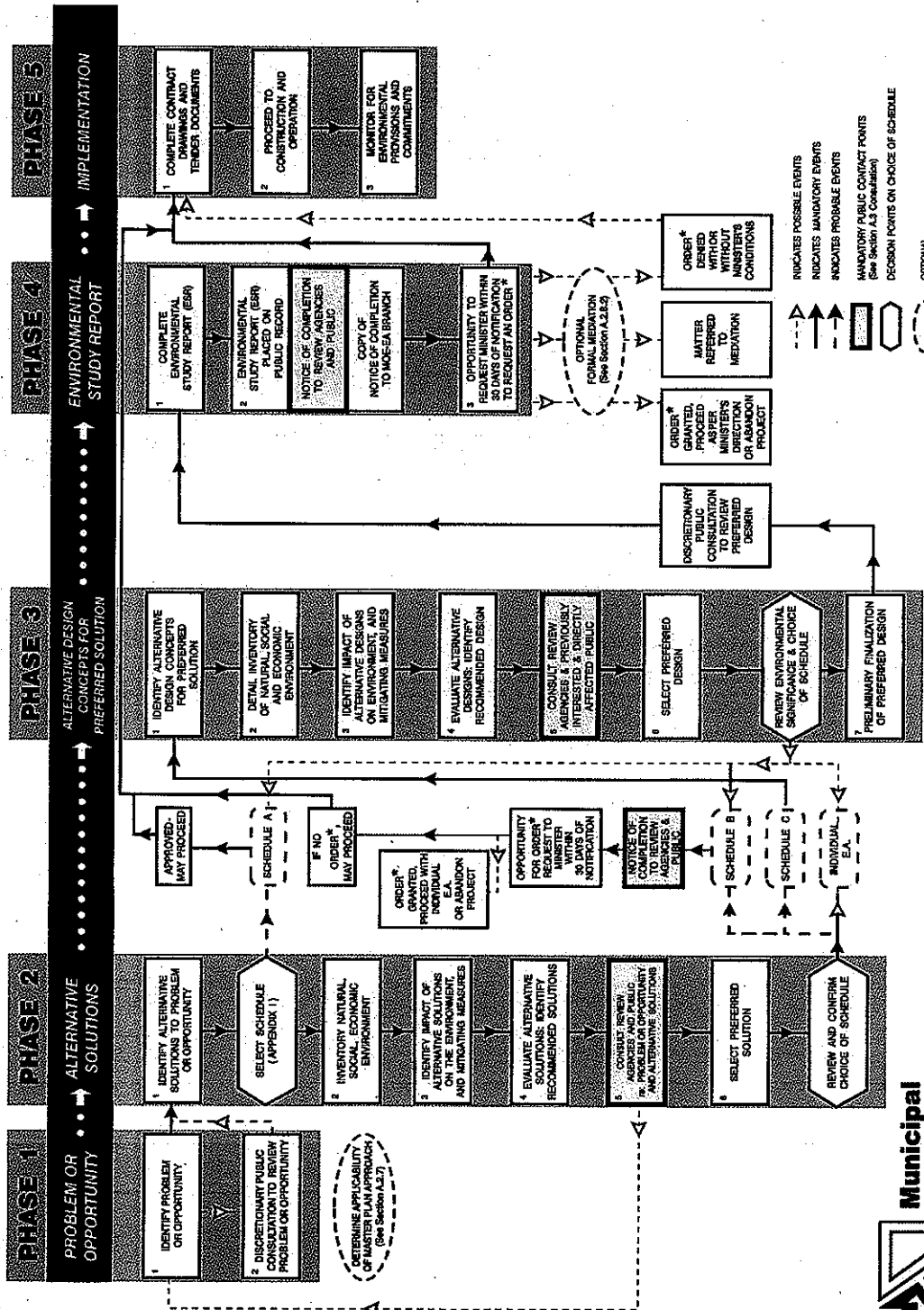
Lump Sum Price: *\$186,260.00 + HST*

Account: *007-7086010 (Environmental Study Reports;*

- III. **AND**, the City Clerk and Chief Administrative Officer **BE AUTHORIZED** to sign a contract with the successful proponent satisfactory in form to the City Solicitor, in technical content to the City Engineer, and in financial content to the Chief Financial Officer & City Treasurer.

EXHIBIT A.2 MUNICIPAL CLASS EA PLANNING AND DESIGN PROCESS

NOTE: This flow chart is to be read in conjunction with Part A of the Municipal Class EA

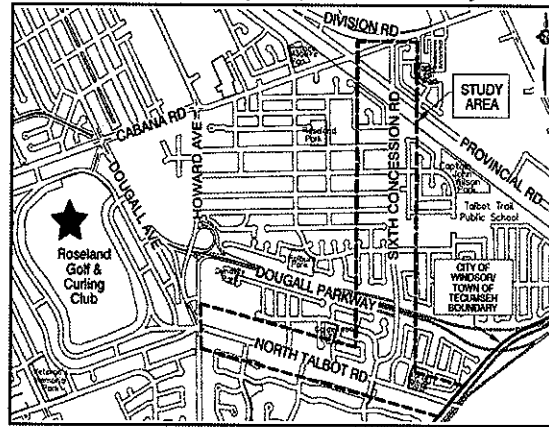




**NOTICE OF PUBLIC INFORMATION CENTRE
CLASS ENVIRONMENTAL ASSESSMENT
6TH CONCESSION ROAD/ NORTH TALBOT ROAD**

The City of Windsor has initiated a Municipal Class Environmental Assessment study (Class EA) to provide an improved 6th Concession Road/North Talbot Road corridor that will serve the needs of the transportation system and area growth for a 20-year period. The study area is shown in the key plan below. The study will address impacts on the adjacent arterial/collector road network and land uses, including consideration of pedestrian connections, bikeway connections, traffic calming, and drainage. Dillon Consulting Limited has been retained by the City of Windsor to complete the study.

The study is being undertaken in accordance with the planning and design process for 'Schedule C' projects of the Municipal Class Environmental Assessment (June 2000, as amended in 2007 and 2011) under the *Ontario Environmental Assessment Act*.



Public Input

The first Public Information Centre (PIC) is scheduled for February 26th, 2014 as noted. Interested parties are invited to attend this open house forum to:

- Meet the project team
- Become informed about the project and the EA process
- Learn about the problems and opportunities identified in the corridor
- Discuss issues related to the alternative solutions, design opportunities and options, environmental considerations and evaluation criteria
- Provide written and/or verbal comments and input
- Register to be added to the mailing list and kept informed of the project progress

Information related to this study will be uploaded to the City's website as it becomes available. Please refer to www.WindsorEAs.ca. If you want to discuss the project, submit comments, or wish to be added to the study mailing list, please contact the City of Windsor or Dillon Consulting Limited:

Mr. John Zangari, P.Eng.
Project Manager
Dillon Consulting Limited
3200 Deziel Drive Suite 608
Windsor, ON N8W 5K8
phone: 519-948-5000, ext 3234
email: jzangari@dillon.ca

Ms. Jennifer Leitzinger, P.Eng.
Project Engineer
City of Windsor
1266 McDougall Ave.
Windsor, ON N8X 3M7
phone: 519-255-6247 ext. 6002
email: jleitzinger@city.windsor.on.ca

Public Information Centre No. 1
Date: February 26th, 2014
Location: Roseland Golf & Curling Club
★ 455 Kennedy Drive W
Windsor N9G 1S8
Time: 4:00 pm – 8:00 pm

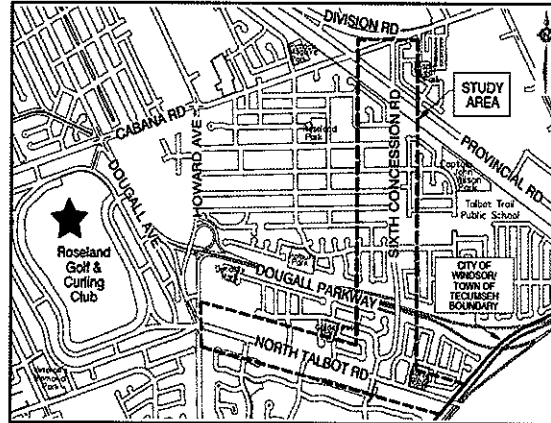
This Notice first published on February 19th, 2014.



**NOTICE OF PUBLIC INFORMATION CENTRE
CLASS ENVIRONMENTAL ASSESSMENT
6TH CONCESSION ROAD/ NORTH TALBOT ROAD**

The City of Windsor, in association with their consultant, Dillon Consulting Limited, has initiated a Municipal Class Environmental Assessment study (Class EA) to provide improved 6th Concession Road/North Talbot Road corridors that will serve the needs of the transportation system and area growth for a 20-year period. The study area is shown in the key plan. The study will address impacts on the adjacent arterial/collector/local road network and land uses. Consideration will be given to pedestrian connections, bikeway connections, traffic calming, and drainage.

The study is being undertaken in accordance with the planning and design process for 'Schedule C' projects of the Municipal Class Environmental Assessment (June 2000, as amended in 2007 and 2011) under the *Ontario Environmental Assessment Act*.



Public Input

The second Public Information Centre (PIC) is scheduled for June 26th, 2014 as noted. Interested parties are invited to attend this open house forum to review and provide your input on the following:

- EA study process to date
- Evaluation of design alternatives
- Recommended design alternative
- Potential impacts and associated mitigation measures
- A summary of the next steps in the process

★ **Public Information Centre No. 2**
Date: June 26th, 2014
Location: Roseland Golf & Curling Club
455 Kennedy Drive W
Windsor N9G 1S8
Time: 4:00 pm – 8:00 pm

Information related to this study will be uploaded to the City's website as it becomes available. Please refer to www.WindsorEAs.ca. If you want to discuss the project, submit comments, or wish to be added to the study mailing list, please contact the City of Windsor or Dillon Consulting Limited:

Mr. John Zangari, P.Eng.
Project Manager
Dillon Consulting Limited
3200 Deziel Drive Suite 608
Windsor, ON N8W 5K8
phone: 519-948-5000, ext 3234
email: jzangari@dillon.ca

Ms. Jennifer Leitzinger, P.Eng.
Project Engineer
City of Windsor
1266 McDougall Ave.
Windsor, ON N8X 3M7
phone: 519-255-6247 ext. 6002
email: jleitzinger@city.windsor.on.ca

This Notice published on June 18th & June 21st, 2014.