Replacement of the Bloomfield Road Underpass and Interchange Reconfiguration

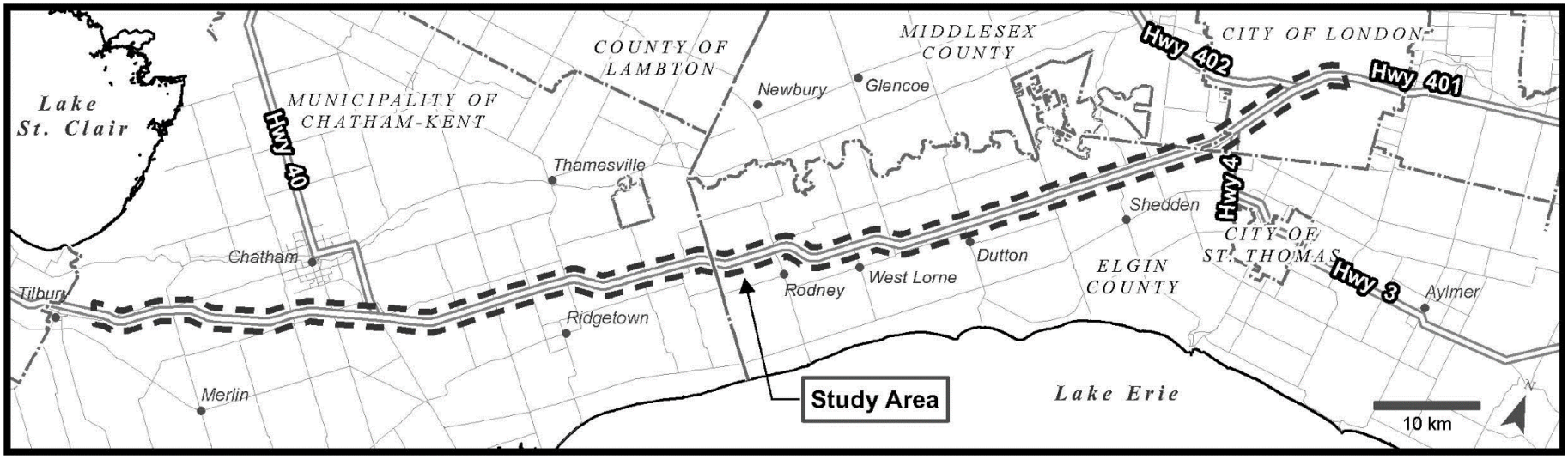
Municipality of Chatham-Kent, Ontario
Group Work Project (GWP) 3117-18-00

Public Information Centre
Available online from May 18, 2021 to June 1, 2021

About the Project

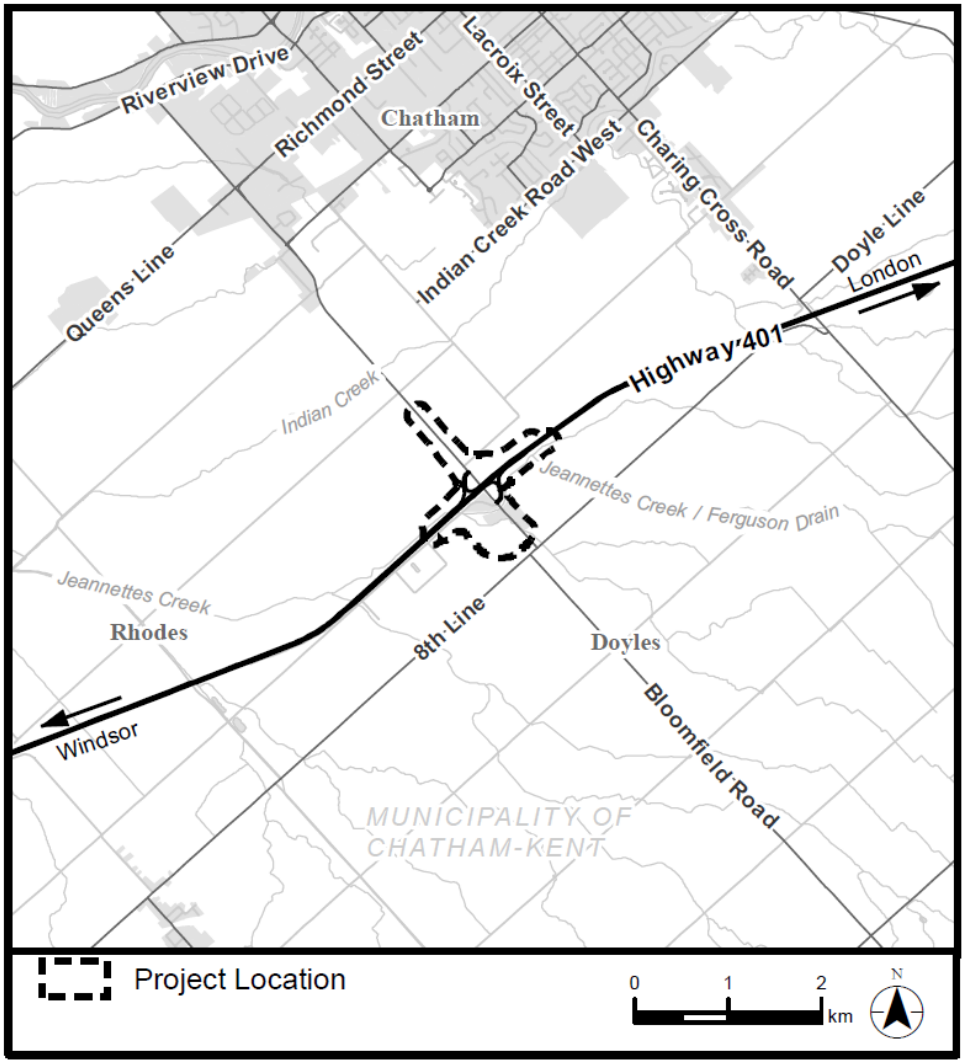
The Ontario Ministry of Transportation (MTO) has retained Stantec Consulting Ltd. to complete the Preliminary Design and initiate the Detail Design and Environmental Assessment (EA) for improvements to the Highway 401 corridor from Tilbury to London (118 km).

The study has been divided into various projects based on geographic location. The focus of this PIC is to replace the Bloomfield Road Underpass and reconfigure the interchange.



Study Area for Highway 401 Expansion from Tilbury to London Study

Study Area



Study Area for Bloomfield Road Interchange Improvements Project

Purpose of the PIC

The purpose of this PIC is to provide the public with an opportunity to review and comment on the **proposed improvements, existing conditions**, and **potential impacts** associated with the interchange and underpass improvements at **Bloomfield Road Interchange**.

Additional information is available at the project website: **highway401tilburytolondon.ca**

Environmental Assessment Process

This study is being carried out under the requirements of the Class EA for Provincial Transportation Facilities (2000), which has been approved under the Ontario Environmental Assessment Act for provincial highway planning, design, and construction projects.

The Class EA categorizes this study as a Group ‘B’ project, which includes major improvements to existing provincial transportation facilities.

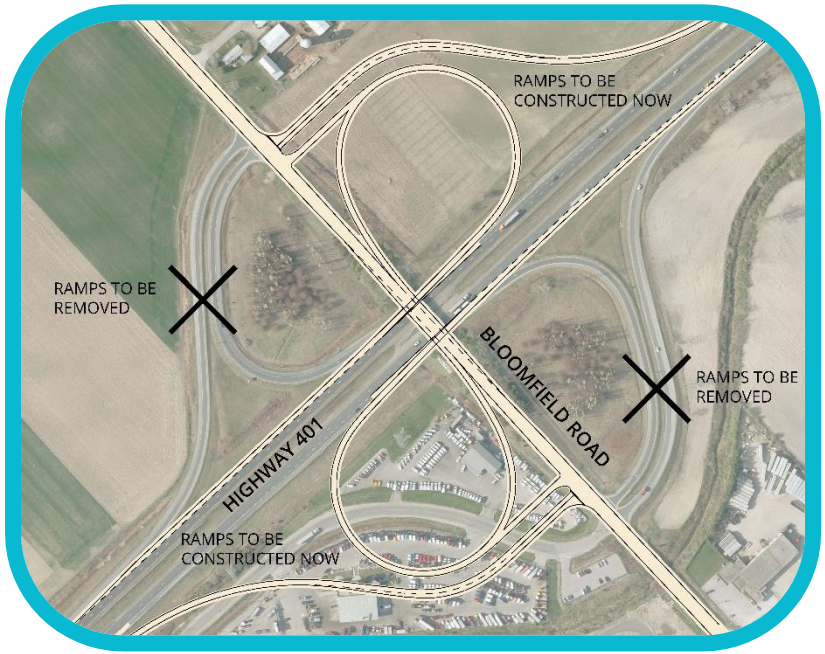
Consultation is ongoing throughout the project, and comments and feedback are welcome at any time during the study.

Study Background

MTO previously completed a Preliminary Design study for this study area that was documented in a Transportation Environmental Study Report (TESR).

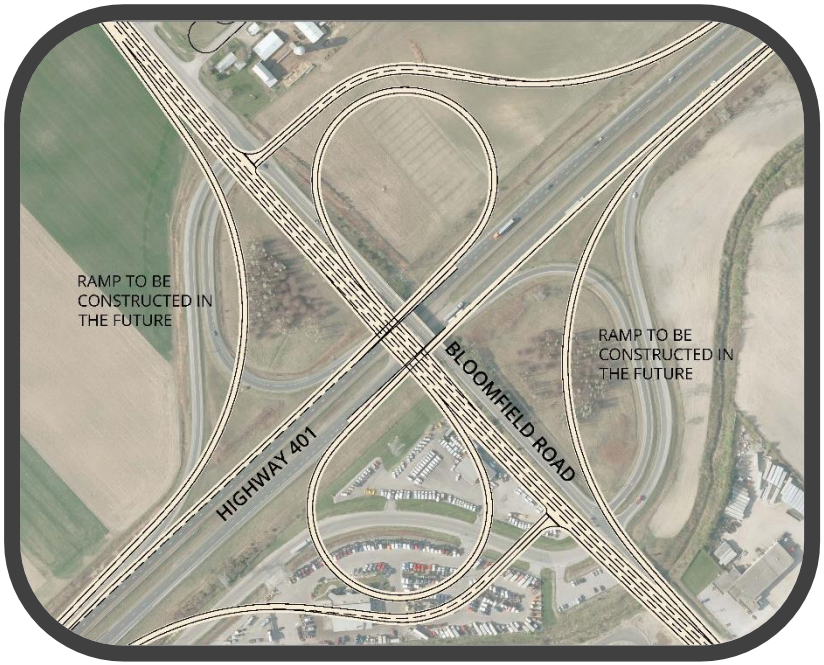
A Parclo A-4 type interchange configuration was recommended; however, due a reduction in projected traffic volumes, a Parclo A-2 will be implemented, with protection for a future Parclo A-4 configuration.

Proposed improvements **now**



Parclo A-2

Potential **future** configuration

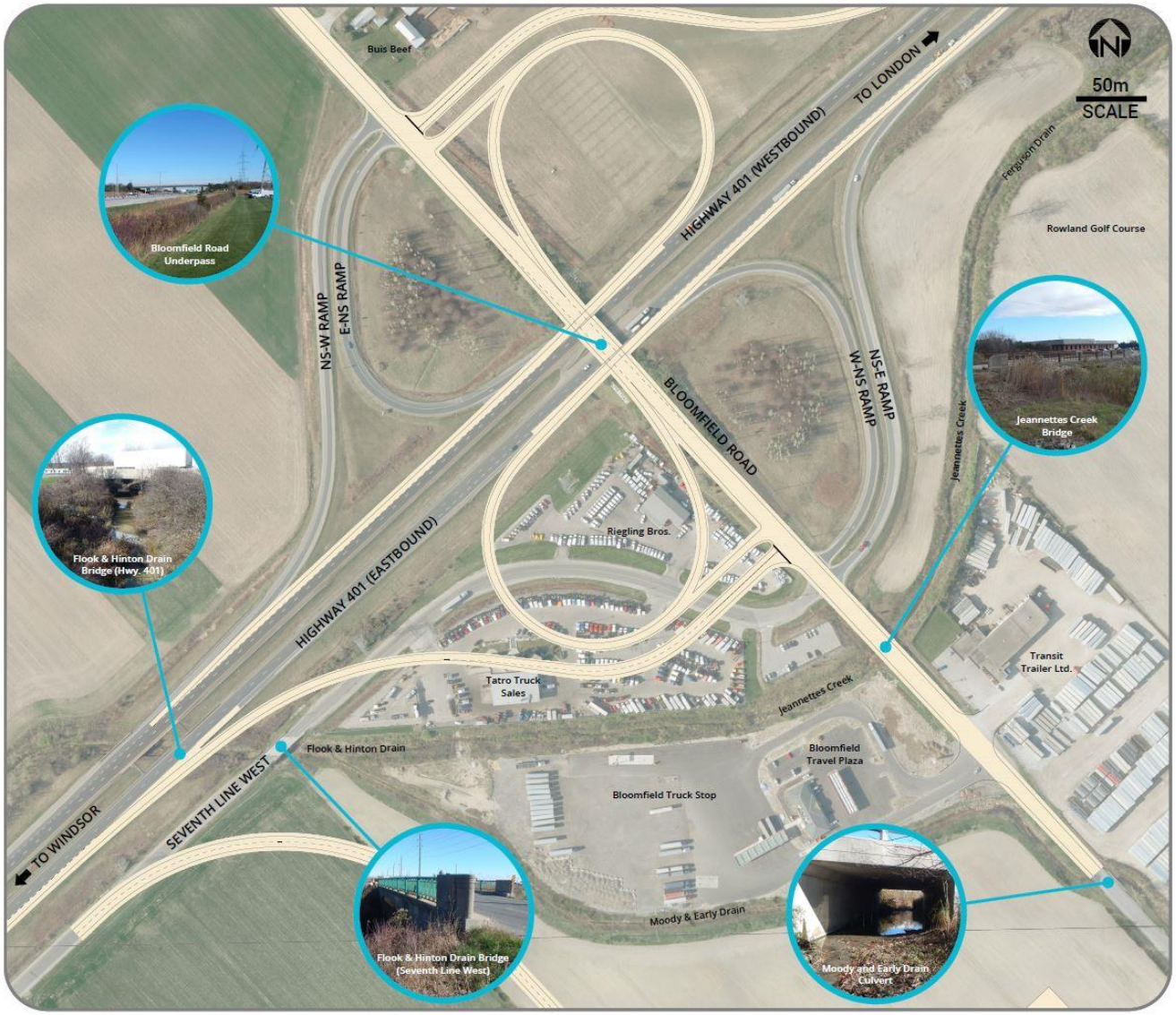


Parclo A-4

Proposed Improvements



Structure Improvements

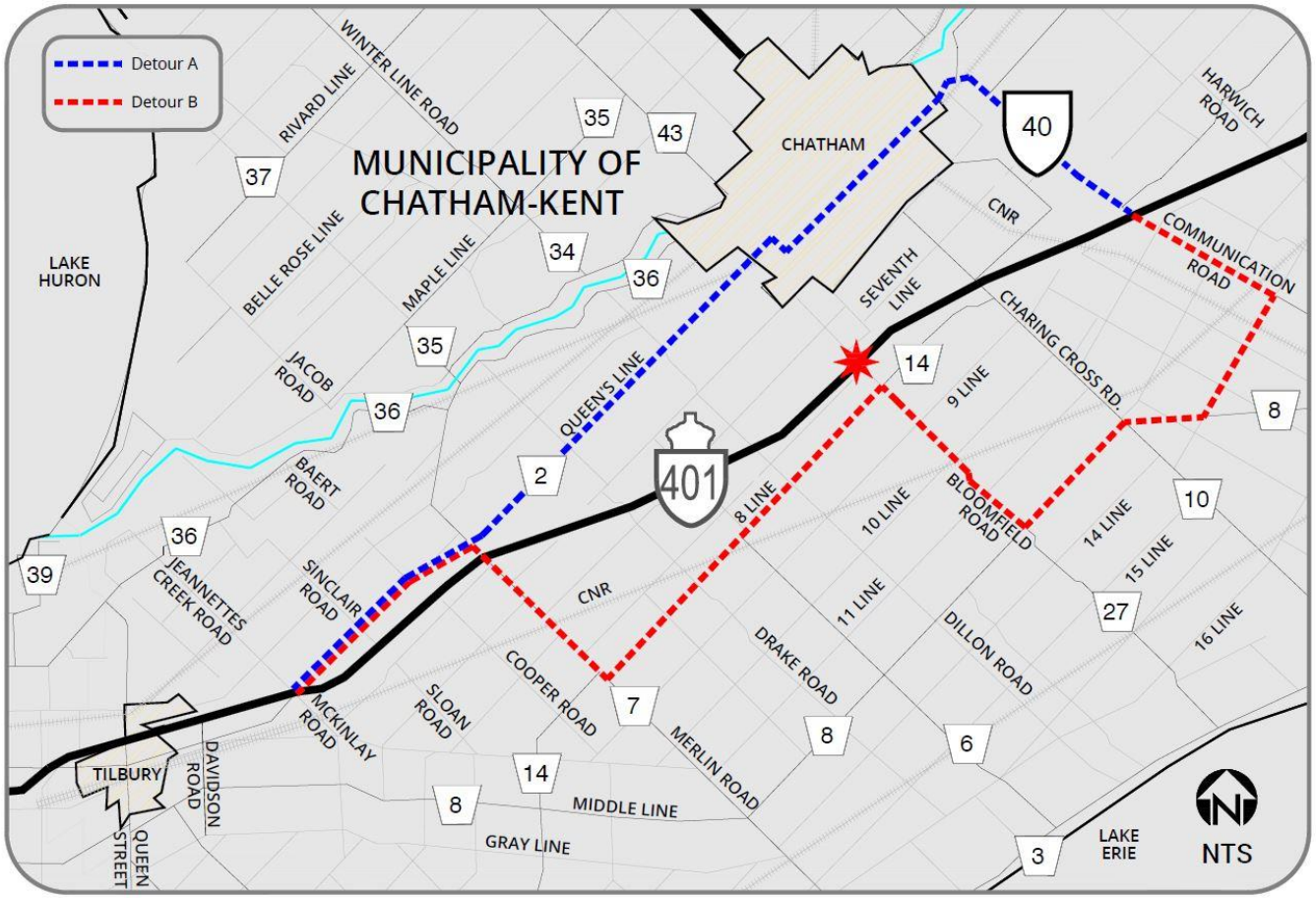


Potential Detour Routes

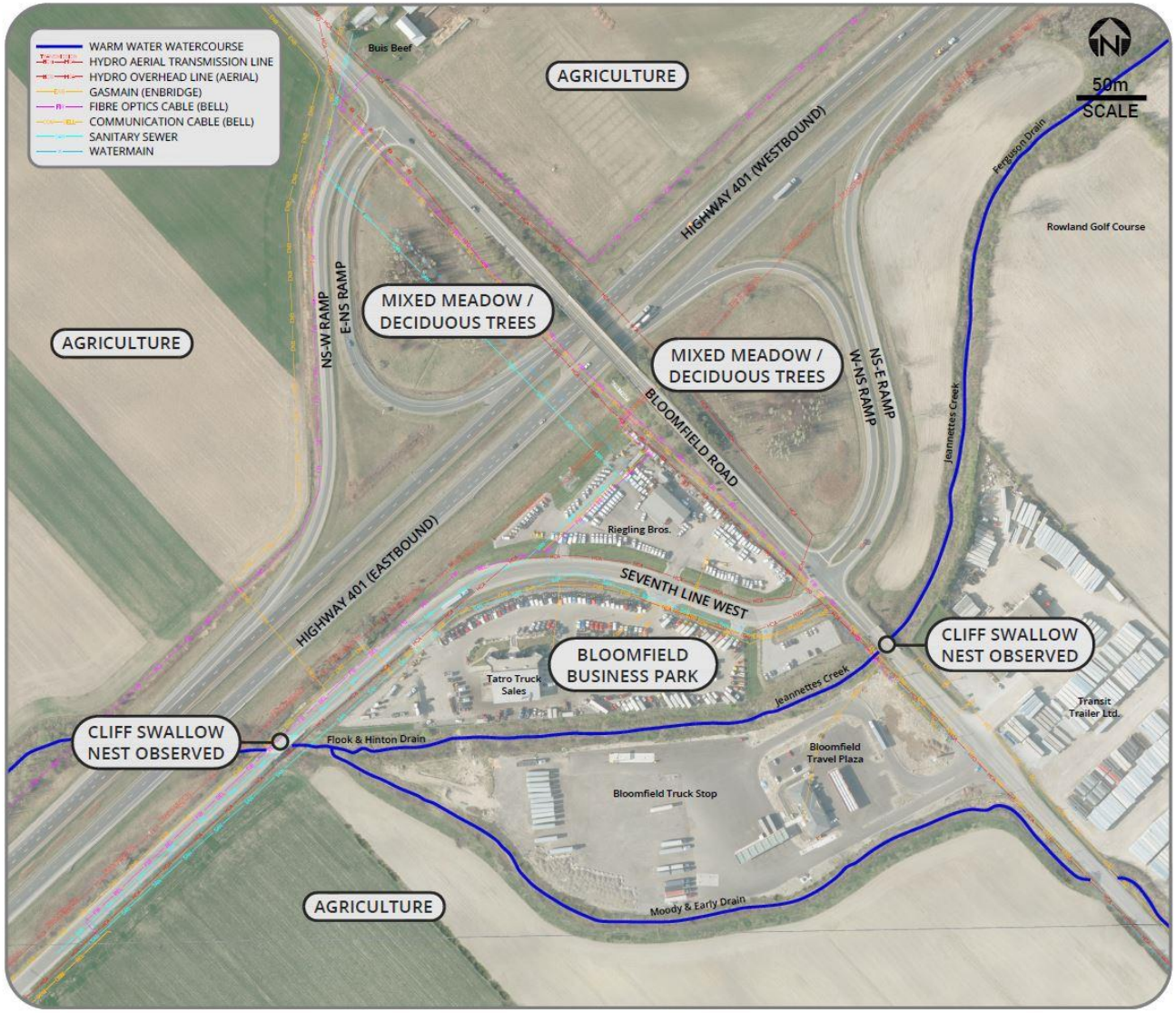
The primary construction staging and traffic management strategy for the interchange improvements includes a temporary full closure of Bloomfield Road and the interchange for a full season of construction.

The realigned portion of Seventh Line West will be completed in advance in order to maintain access to the business park.

The routes shown provide alternate routes to the nearest interchanges. Detour routes will be signed to accommodate travelers during construction.



Existing Conditions



There are no designated natural features in the Study Area.

All watercourses are permanently flowing constructed drains that support warmwater fish habitat.

One species at risk bird, Barn Swallow, has been observed in the Study Area.

A Stage 2 Archaeological Assessment will be completed in previously undisturbed areas.

Potential Impacts

Natural Environment

- Minimal impacts to vegetation, watercourses and fish habitat anticipated
- Impacts to bird nests, including those of Barn Swallow, a species at risk bird, may occur during construction. The Design-Build Ready Contract will include mitigate measures to mitigate impacts to protected bird species and their nests

Socio-economic

- A Stage 2 Archaeological Assessment will be undertaken to determine potential impacts in previously undisturbed areas
- A Phase I Environmental Site Assessment will be completed to determine potential sources of contamination in the Study Area
- There are drinking water wells in proximity to the interchange; as such, a residential groundwater well survey will be completed by the Design-Build Contractor in advance of construction to determine the location of wells in relation to the project

Construction-related

- Temporary full closure of Bloomfield Road and the interchange for one construction season
- Impacts to Highway 401 traffic will be minimal and will be restricted to nighttime short duration closures only
- Construction noise will be noticeable for some periods of time, including some nighttime work (i.e., removal of the existing structure)
- Dust and air quality impacts will be minimal

Next Steps

Review and respond to comments from the PIC – Spring 2021



Initiate Detail Design of the improvements – Spring 2021



Publish the TESR Addendum – Spring 2021
(30 Day Public Comment Period)



Design-Build Contract Award and Construction Start – Spring 2024

Your input is important to the outcome of this project.

Please provide your comments to the project team using one of the following methods by **Friday, June 11, 2021**.

Project website:

www.highway401tilburytolondon.ca

Contact the project team directly to discuss by telephone:

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