



COUNTY OF WELLINGTON

COMMITTEE REPORT

To: Chair and Members of the Roads Committee
From: Don Kudo, County Engineer
Date: Tuesday, September 13, 2022
Subject: Highway 6 / Hanlon Expressway Midblock Interchange

Background:

The Ministry of Transportation (MTO) has awarded to Dufferin Construction and WSP Canada Inc. the Class Environmental Assessment, Detail Design and Construction of a new interchange on Highway 6 (Hanlon Expressway). The main components of the project impacting County roads includes:

- A new interchange on the Hanlon Expressway north of Wellington Road 34, including a new road to connect the new interchange to Concession Road 7 and to Wellington Road 34;
- Removal of the signalized intersection on the Hanlon Expressway at Wellington Road 34 and the addition of a new bridge over the Hanlon Expressway for Wellington Road 34 traffic;
- Reconstruction of Concession Road 7 between Wellington Road 34 and Maltby Road;
- Closure of the Maltby Road / Concession Road 4 intersection with the Hanlon Expressway;
- A new roundabout at the Wellington Road 34 and Concession Road 7 intersection;

Construction on this project is planned to start this Fall, 2022. The MTO's project team will be presenting the attached presentation to the Committee.

Recommendation:

That the report entitled Highway 6 / Hanlon Expressway Midblock Interchange be received for information.

Respectfully submitted,

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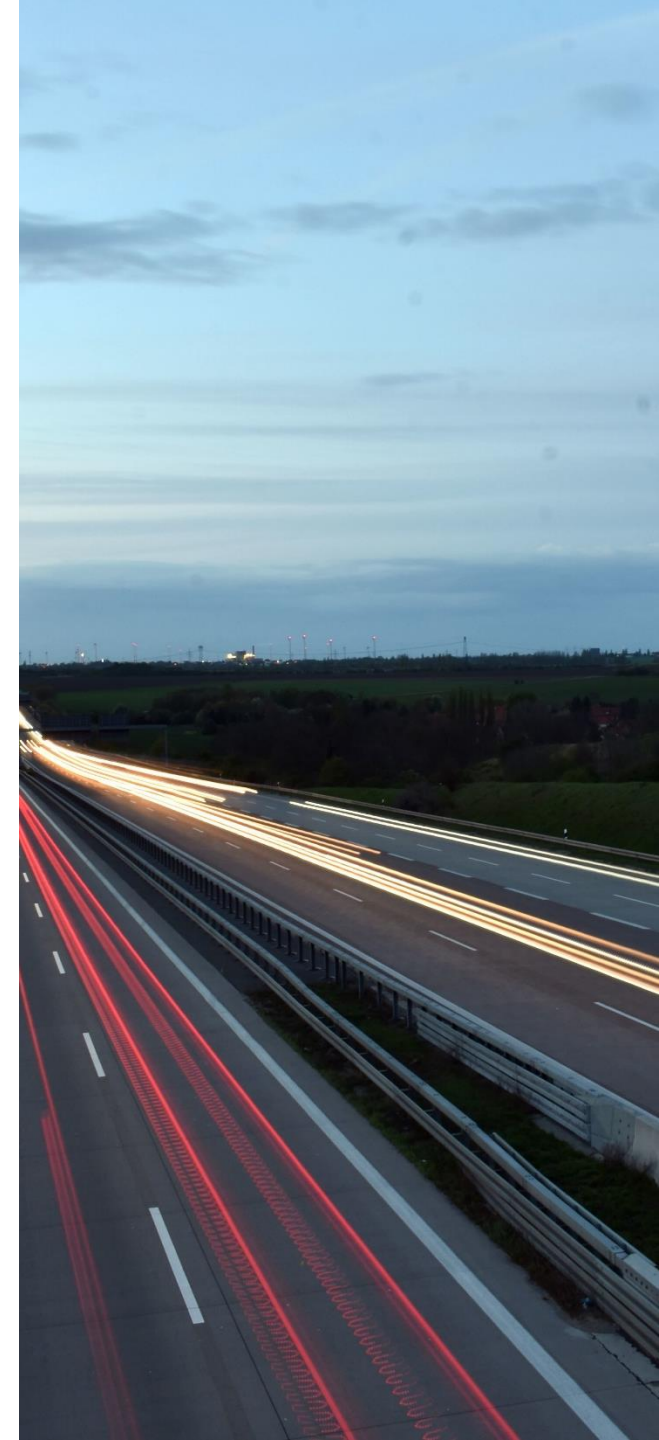
Don Kudo, P. Eng.
County Engineer

Attachment: Presentation - Highway 6 / Hanlon Expressway Midblock Interchange Detail Design-Build and Class Environmental Assessment

Highway 6 Hanlon Expressway Midblock Interchange

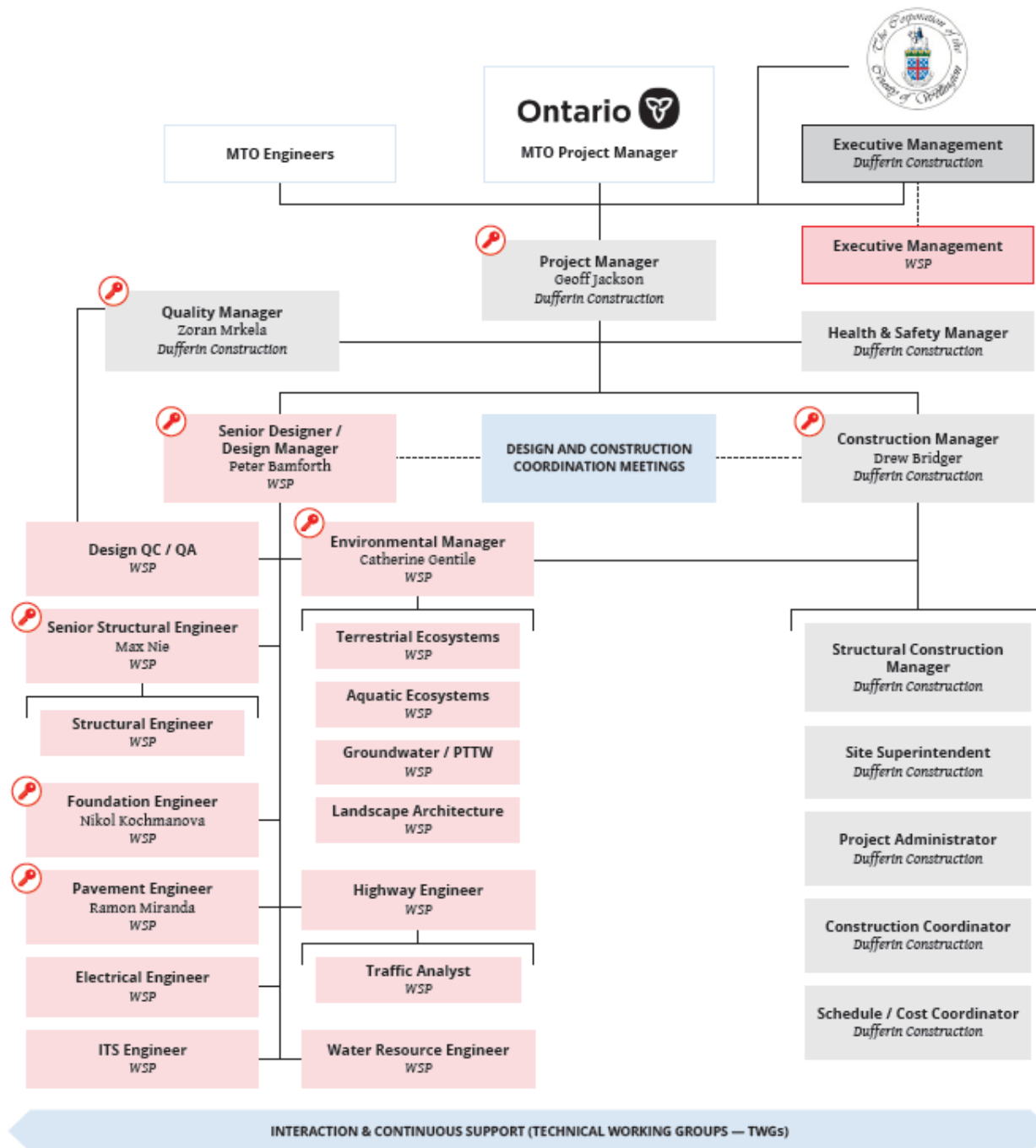
Detail Design-Build and Class Environmental
Assessment (DB Contract: 2021-3004)

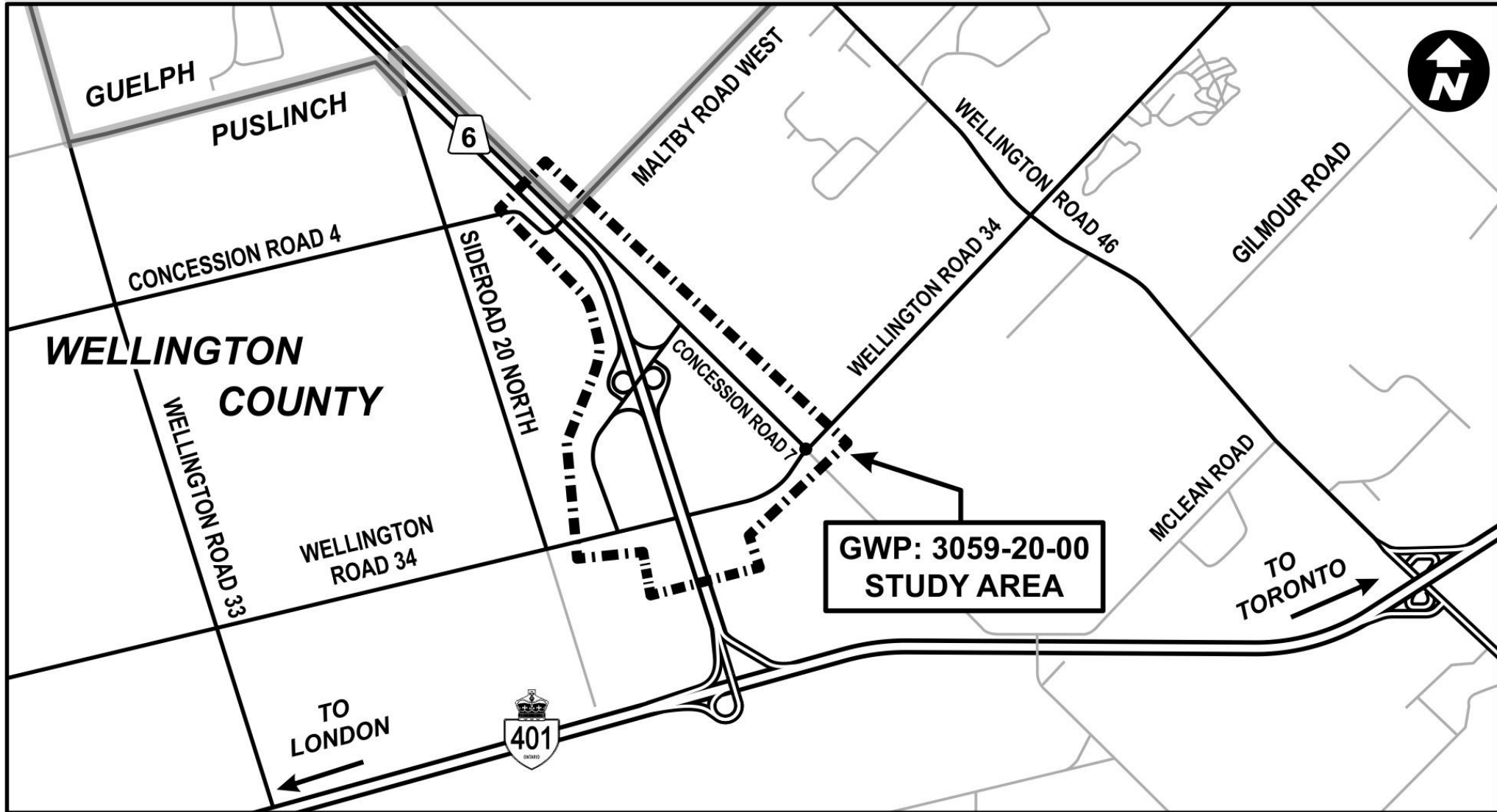
Wellington County – Roads Committee Presentation
September 13, 2022



Agenda

- Project Team Introduction
- Key Plan
- Phase 2 (Midblock Interchange) Project Overview
- Utilities
- EA Process & Consultation
- Next Steps
- Construction Schedule
- Traffic Management (Detour Routes)
- Open Discussion





Project Overview

The Highways 6 and 401 Improvements between Hamilton and Guelph (G.W.P. 3042-14-00) are being undertaken by the Ontario Ministry of Transportation (MTO) in a phased approach:

- Phase 1, was completed in 2020 and included the replacement of the Concession Road 7 Bridge over Highway 401.
- Phase 2 includes the Class EA, detail design and construction of the **Highway 6 / Hanlon Expressway Midblock Interchange**, just north of Highway 401 (The Project, G.W.P. 3059-20-00). The Design-Build contract for Phase 2 was awarded to Dufferin Construction in 2022. WSP Canada Inc. has been acquired as the Designer for the project.
- The Project includes:
 - A new interchange on the Hanlon Expressway, including a new road to connect the new interchange to Concession Road 7 and to Wellington Road 34;
 - Removal of the signalized intersection at Wellington Road 34 and the addition of a new bridge over the Hanlon Expressway for Wellington Road 34 traffic;
 - Reconstruction of Concession Road 7 between Wellington Road 34 and Maltby Road;
 - Closure of the Maltby Road / Concession Road 4 intersection with the Hanlon Expressway;
 - A new roundabout at the Wellington Road 34 and Concession Road 7 intersection;
 - Installation of new overhead sign structures, traffic signals and partial illumination;
 - Emergency and maintenance vehicle turnarounds along the Hanlon Expressway (South of Wellington Road 34 and Maltby Road - utilizing existing median crossing);
 - Drainage improvements;
 - Relocation of utilities;
 - Foundation Engineering;
 - Pavement Design; and,
 - ATMS Design.

Utilities

- The following utilities are located along Wellington Road 34 and Concession Road 7:
 - ✓ Hydro One (Transmission)
 - ✓ Hydro One (Distribution)
 - ✓ Enbridge
 - ✓ Bell
 - ✓ Rogers Communications
 - ✓ Telus
 - ✓ Alectra
- Utility coordination and meetings are currently underway

EA Process

- Group 'A' project under the MTO's *Class Environmental Assessment (EA) for Provincial Transportation Facilities (2000)*
- 2 Design and Construction Reports (DCRs) will be prepared to accelerate the approval and construction of certain project elements.
- The DCRs will document:
 - ✓ Study process
 - ✓ Consultation undertaken
 - ✓ Project design
 - ✓ Environmental effects and associated mitigation measures incorporated into the design
- DCR notification letters will be published in local newspapers and distributed to the project contact list to provide notification of the public comment period and identify where the DCR can be viewed on the project website.

Consultation Updates

- Notice of Study Update letters distributed between April 19-25, 2022
- Notice of Study Completion (DCR #1) letters to be distributed in September 2022
- Ontario Government Notices published in the following newspapers:
 - ✓ Turtle Island News
 - ✓ Two Row Times
 - ✓ Guelph Mercury Tribune
 - ✓ Wellington Advisor
- Project website live: www.highway6midblock.ca/
 - DCR #1 will be available under the Reports tab for a 30-day public review: www.highway6midblock.ca/reports/
 - Comments can be submitted via the Project Team email address or the Contact Us page on the website
- Project Team email: ProjectTeam@Highway6midblock.ca

Next Steps



**Field Investigations
Completed**

**DCR #1 Published for
Public Review &
Comment**

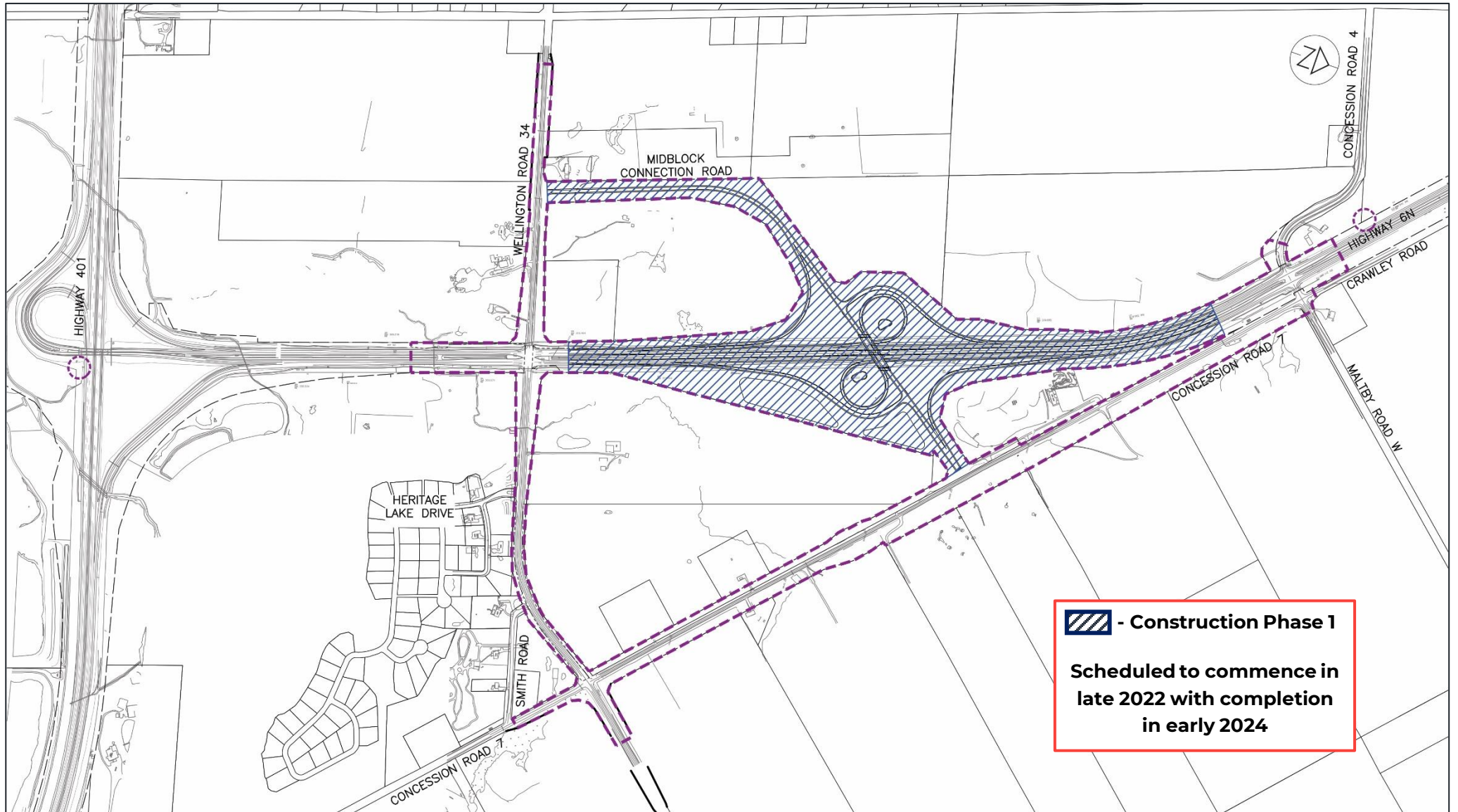
**DCR #2 (Remaining
Works) Published for
Public Review &
Comment**

**Environmental
Clearance of
Remaining Works**

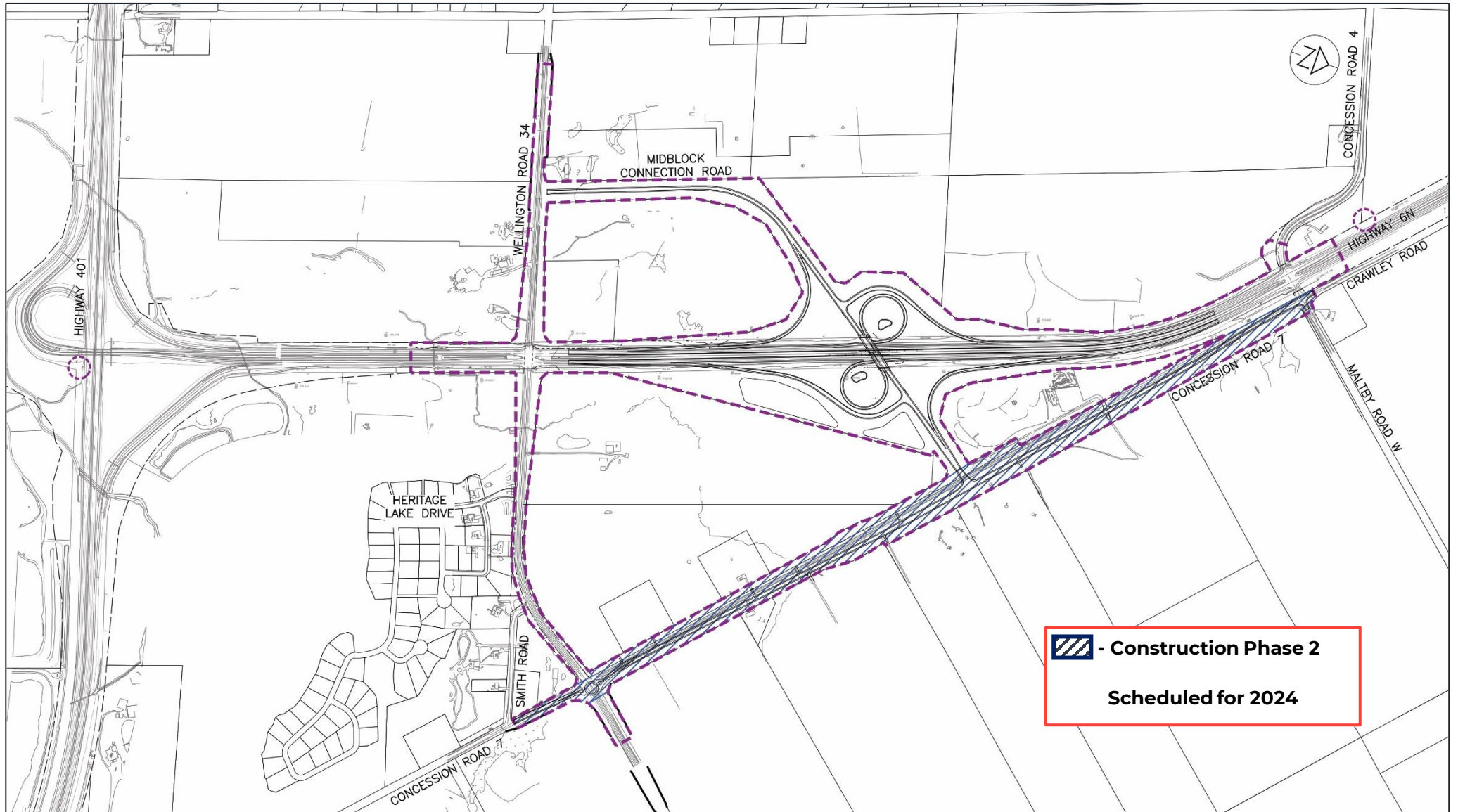
**Environmental
Clearance of Early
Works**

**Early Works
Construction Begins**

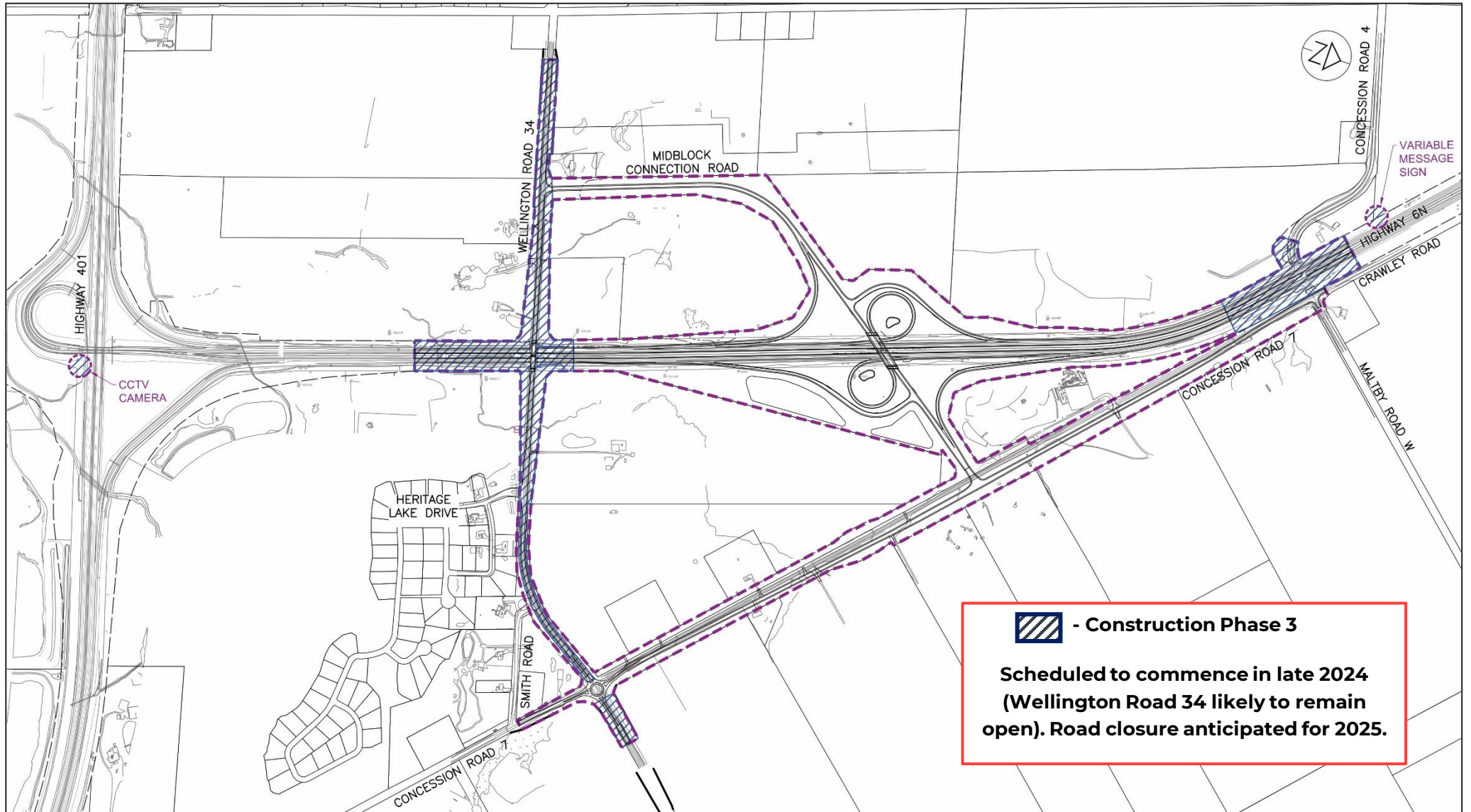
Construction Schedule



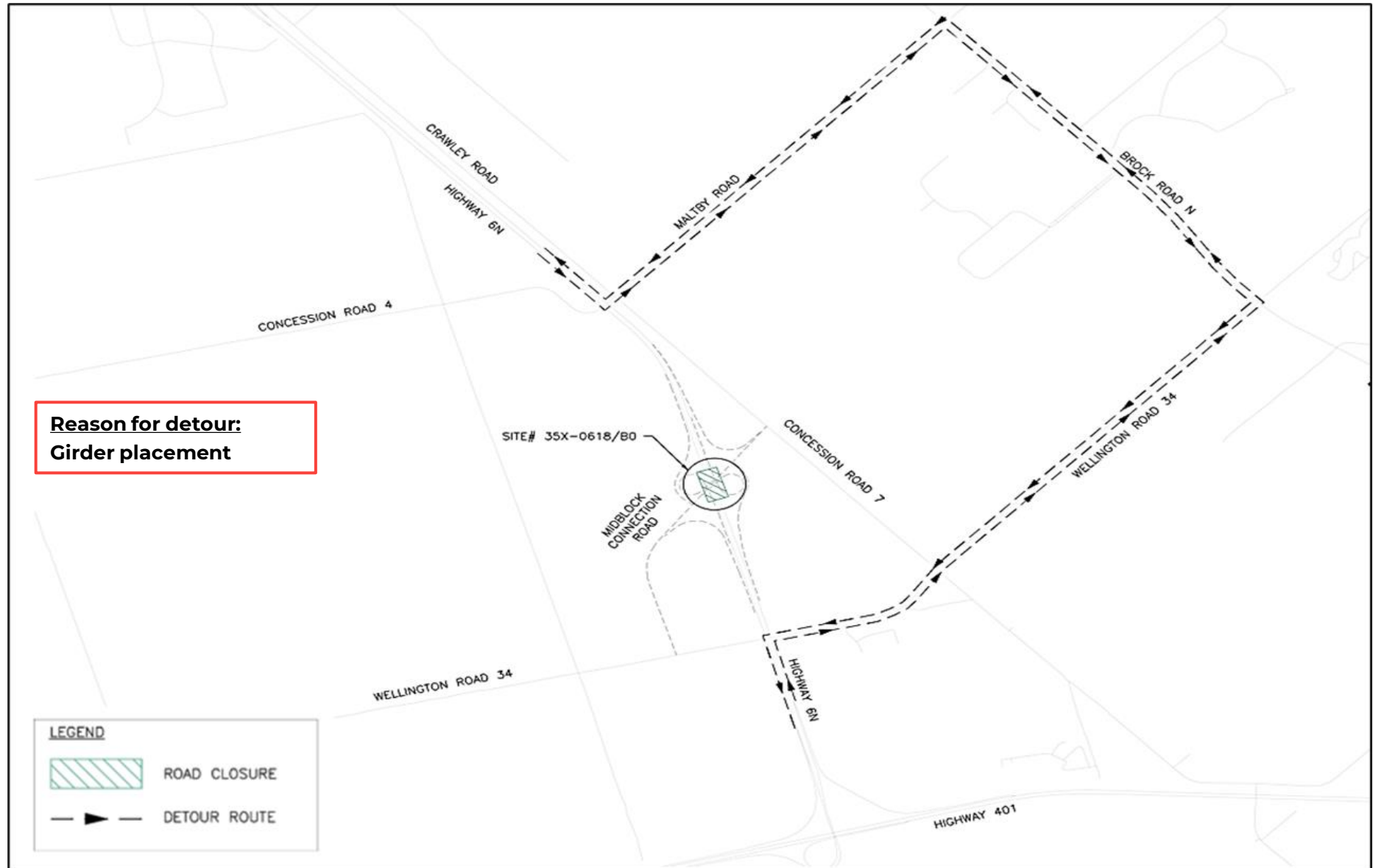
Construction Schedule

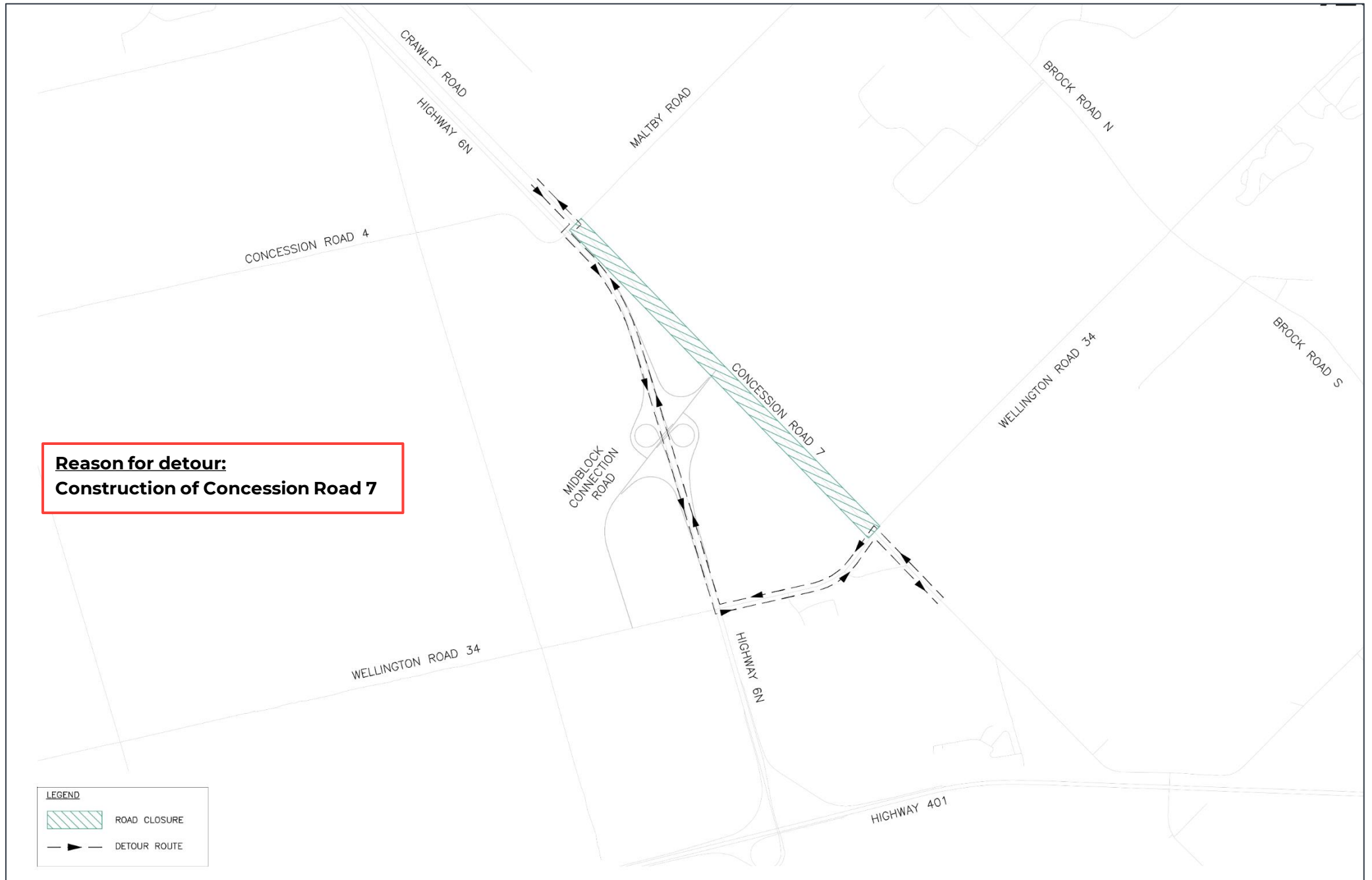


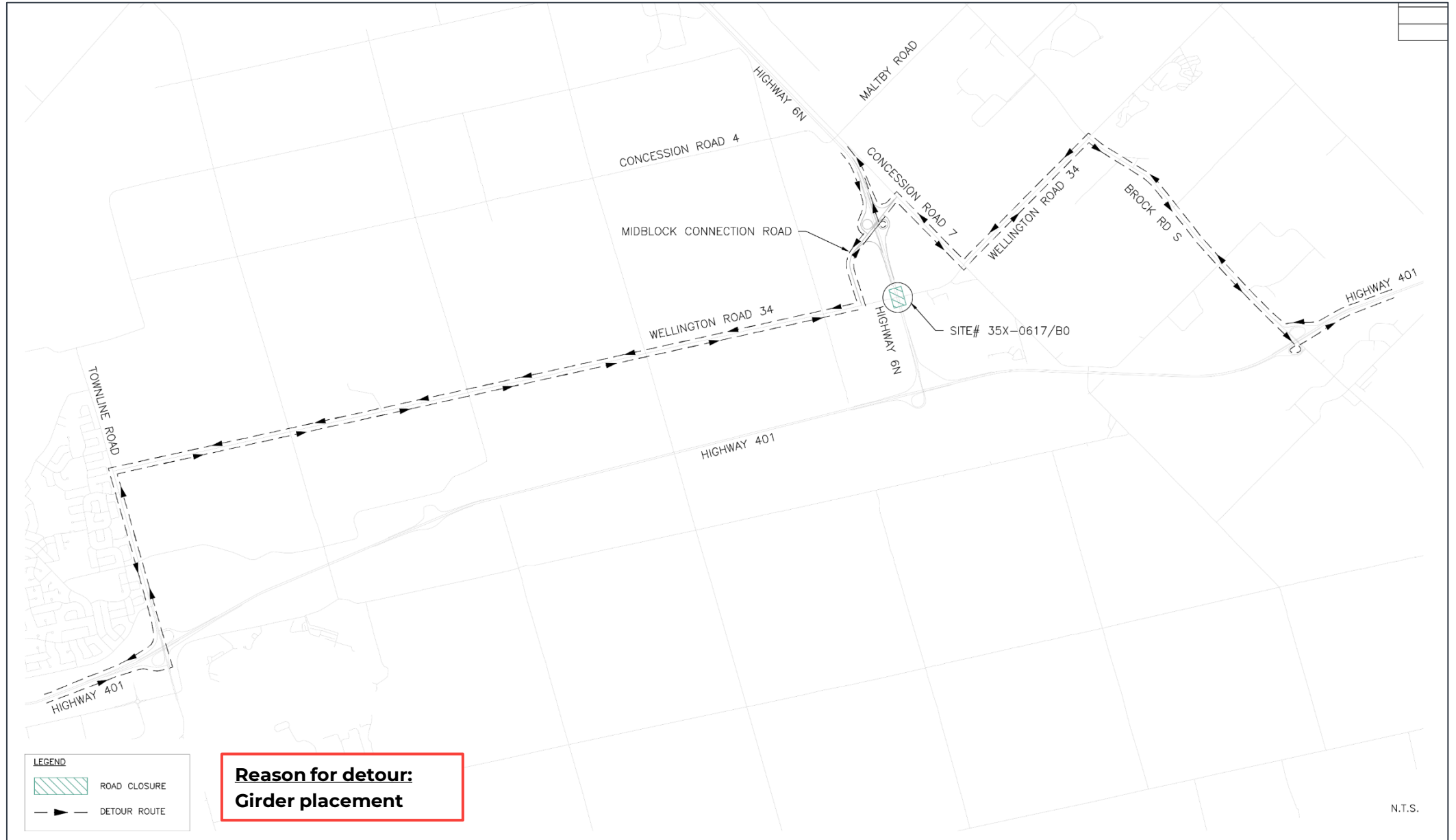
Construction Schedule

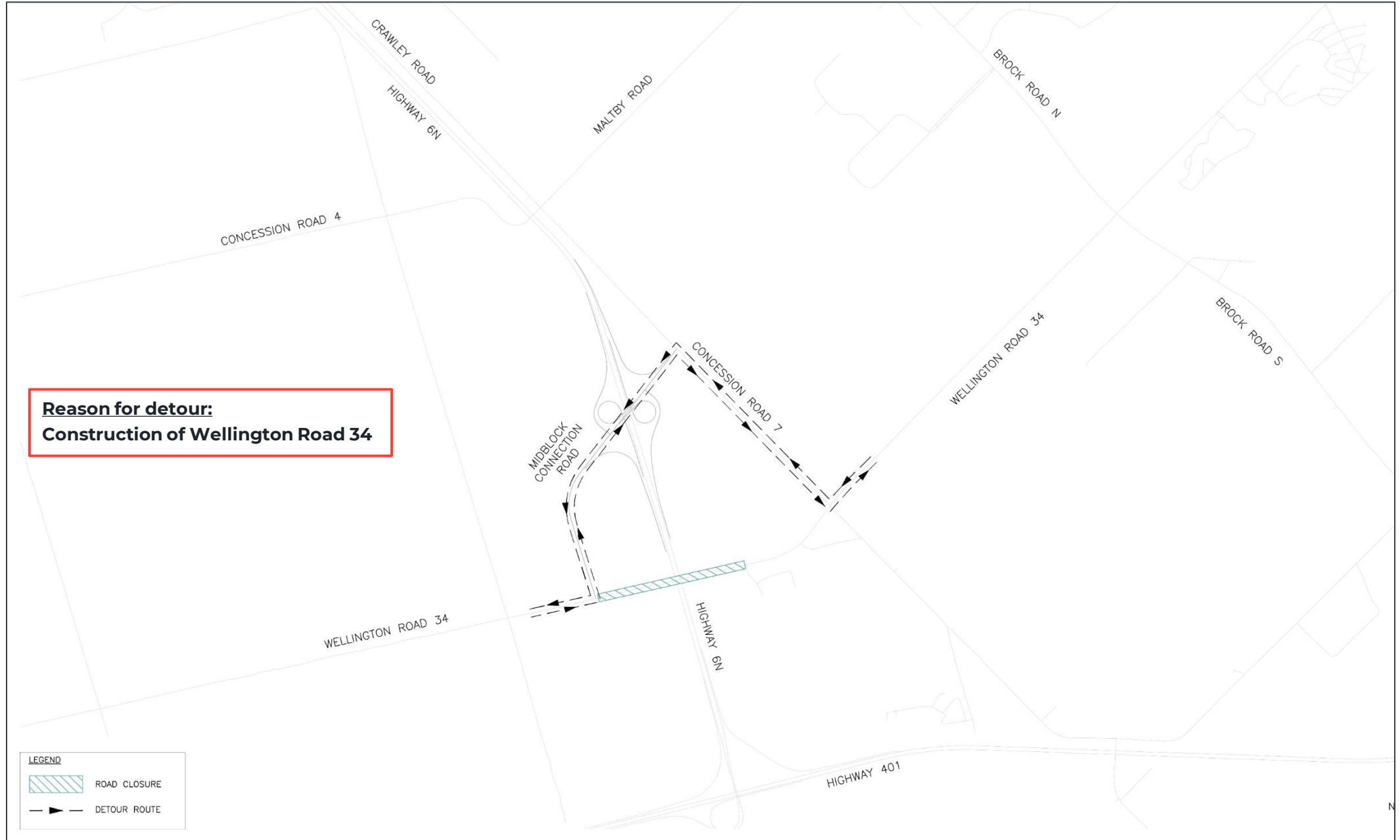


Traffic Management











Questions?



Thank you



COUNTY OF WELLINGTON

COMMITTEE REPORT

To: Chair and Members of the Roads Committee
From: Joe de Koning, Manager of Roads
Date: Tuesday, September 13, 2022
Subject: **2022 Road Capital Construction – Project Status**

Background:

This report provides the committee with information on the status of 2022 road capital construction projects. The following summary is based on the project status as of August 31, 2022:

Current Construction

- **CW2021-021 WR 45 Slope Stabilization**, (Mapleton) – Kieswetter Excavating – Work will be completed by October
- **CW2022-008 WR 16 Rehabilitation of Penfold Bridge (B016038)**, (Centre Wellington) – Engineered Concrete – Work will be completed by mid September
- **CW2022-015 Pavement Overlay**, (various locations) – Cox Construction – Work was completed in June
- **CW2022-016 WR 7 Rehabilitation Marden Creek Bridge (B007071) and Asphalt Rehabilitation**, (Guelph-Eramosa) – Cox Construction – Work completed in August
- **CW2022-017 WR 22 at 2nd Line to Hilltop Blvd**, (Town of Erin) – Cox Construction – Work to be completed by late October
- **CW2022-018 WR 38 Asphalt Rehabilitation**, (Guelph-Eramosa) – Cox Construction – Work completed in August
- **CW2022-019 WR 12 Culvert (C120127) Replacement**, (Mapleton) – Cox Construction – Work completed in June
- **CW2022-043 WR 50 Surface Asphalt**, (Town of Erin) – Cox Construction – Work completed in June

Future Construction

- **CW2022-020 WR 7 Bosworth Bridge (B007028)**, (Mapleton) – Anticipate tender in December 2022
- **CW2022-021 WR 17 Creekbank Bridge (B017040)**, (Centre Wellington)- Anticipate tender in December 2022

Shared Construction Projects

- **WR 5 Lett St, Minto**, Shared project with Town of Minto – Work to be completed in October
- **WR 86 – Wallenstein**, (Mapleton) - Shared project with Region of Waterloo – Work to be completed in October

Miscellaneous

- **CW2022-041 WR 34 Irish Creek Bridge (B034123)**, (Puslinch) – Project was not awarded and work to be postponed until 2024

2022 Summary

• Construction Costs (approximate)	\$ 14,500,000.00
• Major Culvert Replacements	1
• Bridge Rehabilitations or Replacements	1
• Road Preservation (Overlays)	11.5 km
• Road Renewal	15 km

In addition to the 2022 construction project work, carryover projects were also completed during the current construction season:

- **T2021-153 WR17 ROW to Floradale Road Paving/Recycling**, (Mapleton) - Cox Construction. Recycling and paving of 1.5 km of road shared with the Region of Waterloo. Work also includes a bridge rehabilitation. Construction was completed in June 2022.

Recommendation:

That the report titled “2022 Road Capital Construction – Project Status” be received for information.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Joe de Koning', with a large, stylized 'J' and 'K'.

Joe de Koning, P. Eng.
Manager of Roads

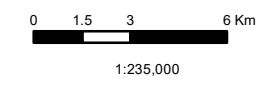
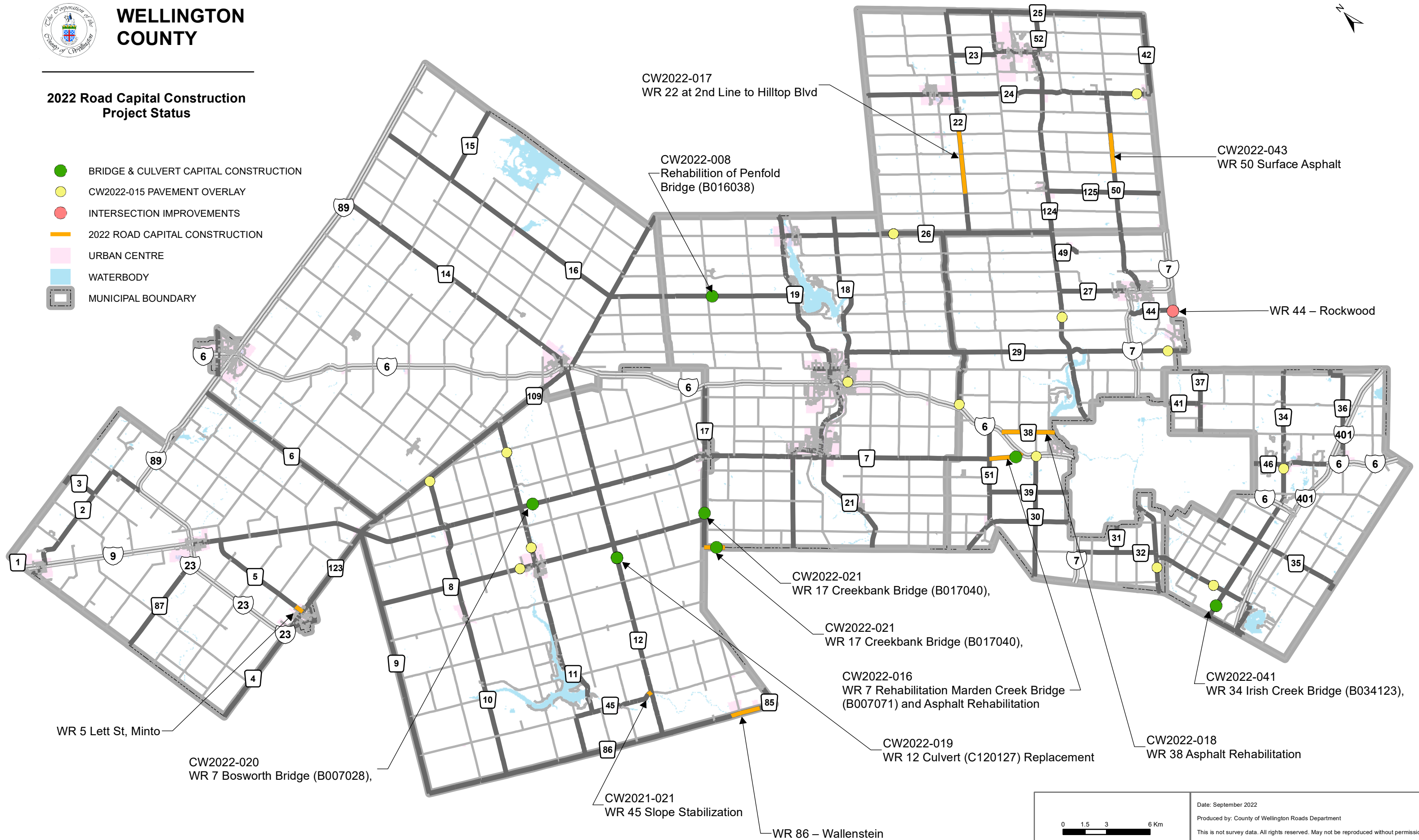
Attachment: Construction 2022 Project Map



WELLINGTON COUNTY

2022 Road Capital Construction Project Status

- BRIDGE & CULVERT CAPITAL CONSTRUCTION
- CW2022-015 PAVEMENT OVERLAY
- INTERSECTION IMPROVEMENTS
- 2022 ROAD CAPITAL CONSTRUCTION
- URBAN CENTRE
- WATERBODY
- MUNICIPAL BOUNDARY



Date: September 2022
Produced by: County of Wellington Roads Department
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COUNTY OF WELLINGTON

COMMITTEE REPORT

To: Chair and Members of the Roads Committee
From: Don Kudo, County Engineer
Date: Tuesday, September 13, 2022
Subject: **Temporary Traffic Signals for Intersections**

Background:

At the June, 2022 Roads Committee meeting, the report entitled “Road MAP: Implementation and Priority Plan – Intersections” was received for information. Discussion at the Committee included the use of temporary traffic signals. It was noted in the report that temporary signals were installed at three locations (WR 18/WR 26 Centre Wellington, WR 8/WR 9 Mapleton, WR 7/WR 12 Mapleton). These locations were selected based on recommendations in a November, 2020 committee report. The following factors were considered in determining these locations:

- Future roundabout location
- Traffic signal warrant
- Accident collision history
- Project prioritized in the 10 year capital budget
- Temporary traffic signals used for traffic management during future roundabout construction
- Funding available

The Ontario Traffic Manual (OTM) states the following with respect to the use of Temporary Traffic Signals:

Temporary traffic signals typically consist of traffic signal heads positioned on span wires or temporary poles. Temporary signals are intended to be used as an alternative to permanent traffic signals for limited periods before or during the re-construction of roadways.

The three intersections where temporary traffic signals were installed all had higher accident frequencies than other intersections assessed as part of the Road MAP study work. The frequency of accidents was in the medium range based on scale in the Road MAP Data Driven Safety Strategy.

At this time, there are no other intersections that meet the same factors noted above. Staff will continue to monitor intersections and implement temporary traffic signals based on these factors.

Recommendation:

That the report entitled Temporary Traffic Signals for Intersections be received for information.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Don Kudo'.

Don Kudo, P. Eng.
County Engineer



COUNTY OF WELLINGTON

COMMITTEE REPORT

To: Chair and Members of the Roads Committee
From: Don Kudo, County Engineer
Date: Tuesday, September 13, 2022
Subject: 2022 Transportation Tomorrow Survey

Background:

The Ministry of Transportation (MTO) is launching the 2022 Transportation Tomorrow Survey (TTS) during the week of September 12, 2022. This travel survey will be conducted between September and December of 2022 in various communities including Wellington County.

The TTS is a voluntary travel survey of randomly selected households in the Greater Golden Horseshoe (GGH) Area. The TTS has been conducted every five years since 1986, and selected households are given the option of completing the survey online or by telephone. The MTO is leading the survey with the participation of GGH municipalities, as well as the Toronto Transit Commission and Metrolinx/GO Transit. The participating municipalities include:

- Cities of Barrie, Brantford, Guelph, Hamilton, Kawartha Lakes, Peterborough, Toronto
- Towns of Blue Mountain and Orangeville
- Counties of Brant, Dufferin, Peterborough, Simcoe, and Wellington
- Regional Municipalities of Durham, Halton, Niagara, Peel, Waterloo and York.

The survey will collect information on the daily travel habits of selected residents. This information will be used for transportation planning and investment in transportation services and facilities (roads and transit) across the GGH area.

Enclosed is a sample of the notification letter that will be sent to each household invited to participate. The MTO contact is Muhammad Khan (Muhammad.khan@ontario.ca) and the TTS website is www.TTS2022.ca

Recommendation:

That the report entitled 2022 Transportation Tomorrow Survey be received for information.

Respectfully submitted,

Don Kudo, P. Eng.
County Engineer

Attachment – Example TTS Letter

[Mailing Date]

[NameEN]

[Full Unit Address]

[City] [Prov] [Postal]

Log in at **TTS2022.ca**
Your secure access code is**[access_code]**

Dear [NameEN],

Your household has been randomly selected to represent your community in the 2022 Transportation Tomorrow Survey. The Transportation Tomorrow Survey is an important travel survey, conducted on behalf of the Province of Ontario, your municipality and other municipalities in the Greater Golden Horseshoe (GGH) and surrounding areas. Every five years for the past 35 years, this survey has collected travel information of people in your community to support planning for transportation infrastructure and services.

The survey is voluntary. You may be contacted by telephone in the coming weeks and asked to spend about 10-20 minutes answering transportation-related questions. Alternatively, you can complete the survey online at **www.TTS2022.ca** using your secure access code at the top of this letter, or call **1-877-216-7786** (toll-free). It's important that one person complete the survey for the entire household (regarding the travel of household members 5 years of age and older).

Your survey responses will be anonymous, and will be combined with other responses in your area in order to identify travel patterns. Please see the "Notice" section in the enclosed information page for more details on how we use your information.

Your household's participation in this voluntary survey is critical to the project's success. The Transportation Tomorrow Survey is an important tool to support planning for transportation infrastructure and services across the GGH and surrounding areas. If you have any questions, please use the contact information in the "Notice" section.

Thank you for participating.

Sincerely,



Doug Jones
Deputy Minister of Transportation



[Mailing Date]

[NameFR]

[Full Unit Address]

[City] [Prov] [Postal]



Connectez-vous à
TTS2022.ca
Votre code d'accès sécurisé :
[access_code]

Cher(ère) [NameFR],

Votre ménage a été sélectionné au hasard pour représenter votre communauté dans le cadre du Sondage pour le système de transports de demain (SSTD) de 2022. Il s'agit d'un important sondage sur les déplacements mené au nom de la province de l'Ontario, de votre municipalité et d'autres municipalités de la région élargie du Golden Horseshoe (REGH) et ses environs. Tous les cinq ans depuis les 35 dernières années, ce sondage permet de recueillir de l'information sur les déplacements des résidents de votre communauté afin de guider la planification des infrastructures et des services de transport.

La participation au sondage est volontaire. Nous envisageons communiquer avec vous par téléphone dans les semaines à suivre pour vous poser des questions sur vos déplacements; l'appel durera environ 10 à 20 minutes. Vous pouvez également répondre au sondage en ligne à l'adresse **TTS2022.ca** en entrant le code d'accès sécurisé inscrit en haut de la page, ou par téléphone au **1-877-216-7786** (sans frais). Il est important qu'une seule personne réponde au sondage pour le ménage (les réponses doivent concerner les déplacements des membres de 5 ans et plus).

Vos réponses seront anonymes, et seront combinées à celles des autres personnes de votre région afin d'identifier les habitudes de déplacement. Veuillez consulter la section « AVIS » de la page d'informations ci-jointe pour plus de détails sur la façon dont nous utilisons vos informations.

La participation de votre ménage à ce sondage volontaire est essentielle à la réussite du projet. Le SSTD 2022 est un outil important pour guider la planification des infrastructures et des services de transport dans la REGH et ses environs. Si vous avez des questions, veuillez utiliser les coordonnées de la section « AVIS ».

Merci de votre participation. Veuillez agréer mes sincères salutations.



Doug Jones
Sous-ministre des Transports



2022 Transportation Tomorrow Survey

How it works

A sample list of the questions to be asked is shown below. You can participate in two ways:

1. **Online:** You may fill out the survey by visiting our secure website www.TTS2022.ca and using the access code provided on the first page of this letter. If you begin the survey online and require assistance, we provide phone-in support between 9:00 a.m. and 9:30 p.m. on weekdays, 10:00 a.m. to 6:00 p.m. on Saturdays and 12 p.m. to 6 p.m. on Sundays at **1-877-216-7786** (toll-free).
2. **Phone:** You may also call **1-877-216-7786** (toll-free) during those same hours and one of our professional interviewers will be happy to conduct the survey with you over the telephone.

Please note, if we have not heard from you, your household will be contacted by a professional interviewer. On weeknights, the calls will be made between 5:00 p.m. and 9:30 p.m. If the interviewer calls on a Saturday, it will be between 10:00 a.m. and 6:00 p.m.

Survey Questions

Most of the questions asked will be about your travel and that of other members of your household on the previous weekday. We will only be collecting trip data for individuals 5 years of age or older. We would like to know specific information about where and when trips were taken by each member of your household. This information will be collected from approximately 182,000 households in the GGH and surrounding areas, and will give us a better picture of changing travel patterns to assist in the planning of improved transportation services in your area.

Here is a sample of the questions asked:

- A. About your household
 - Type of dwelling (e.g., house, townhouse, or apartment)
 - Number of people
 - Number of vehicles available for personal use
- B. About each person's
 - Age
 - Driver's licence status or whether they have a transit pass
 - Workplace or school address
- C. About each trip made by each person on the previous weekday
 - Origin and destination (from where, to where?)
 - Reason for making the trip (e.g., shopping, work, etc.)
 - Start time of the trip
 - Mode of transportation (e.g., bus, car, bicycle, walk, etc.)

A trip is a one-way journey from one location to another by any form of motorized transportation or bicycle. We will request some information on walking trips, except for those that are purely recreational such as walking a dog or going for a jog in the neighbourhood. These details provide an understanding of how members of a household interact with the transportation system. This level of understanding leads to better estimates of future needs for roads and transit as your area grows.

NOTICE

Your responses are being collected to help the Ministry of Transportation identify travel patterns in the GGH and surrounding areas, in accordance with the Ministry's traffic planning and road safety mandate under provincial legislation. Responses must be collected first in identifiable form for survey validation purposes, but will then have all identifiers securely removed, and will not be held by the Ministry at any time in identifiable form. Your survey responses will be combined with others' responses before they are analyzed. Your contact information will only be used to contact you for follow up about the survey. Names, addresses, and phone numbers are destroyed at the conclusion of the survey's data collection phase and before responses are received by the Ministry or its funding partners. If you have any questions, please call the Ministry of Transportation at 1-800-268-4686, or visit TTS2022.ca.

Sondage pour le système de transports de demain (SSTD) 2022

Fonctionnement

Un aperçu des questions est présenté ci-dessous. Il y a deux manières de participer :

1. **En ligne:** Vous pouvez remplir le sondage en visitant notre site Web sécurisé **www.TTS2022.ca** et en utilisant le code d'accès fourni à la première page de cette lettre. Si vous commencez le sondage en ligne et vous avez besoin d'aide, nous fournissons une assistance téléphonique entre 9 h et 21h30 en semaine, de 10 h à 18 h le samedi et 12 h à 18 h le dimanche au **1-877-216-7786** (sans frais).
2. **Par téléphone:** Vous pouvez également appeler le **1-877-216-7786** (sans frais) pendant ces mêmes heures et l'un de nos enquêteurs professionnels mènera le sondage avec vous.

Si nous n'avons pas de vos nouvelles, votre ménage sera contacté par un enquêteur professionnel. Les soirs de semaine, les appels seront passés entre 17 h et 21h30. Si l'enquêteur appelle un samedi, ce sera entre 10 h et 18 h.

Questions du sondage

La plupart des questions portent sur vos déplacements et ceux des membres de votre ménage lors du précédent jour de semaine. Nous souhaitons obtenir de l'information précise sur l'endroit et le moment où se déplace chaque membre de votre ménage âgé de 5 ans et plus. Recueillis auprès d'environ 182 000 ménages de la REGH et ses environs, ces renseignements nous donneront un meilleur portrait des habitudes de déplacement en pleine transformation, ce qui contribuera à planifier de meilleurs services de transport dans votre région. Voici un aperçu des questions du sondage:

- A. Questions sur votre ménage
 - Type d'habitation (maison, maisons en rangée, ou appartement)
 - Nombre de personnes
 - Nombre de véhicules personnels
- B. Questions sur les membres du ménage
 - Âge
 - Statut de permis de conduire ou s'ils ont un laissez-passer de transport en commun
 - Adresse au travail ou de l'école
- C. Questions sur tous les déplacements de chacune des personnes lors du précédent jour de semaine
 - Point de départ et point d'arrivée (d'où à où?)
 - Raison du déplacement (p. ex., magasinage)
 - Heure de départ
 - Moyen de transport (autobus, voiture, déplacements à pied, bicyclette, etc.)

Un déplacement est un trajet simple d'un endroit à un autre à l'aide de n'importe quel mode de transport motorisé ou d'une bicyclette. Nous vous poserons quelques questions sur vos déplacements à pied, sauf pour ceux qui sont purement récréatifs comme promener le chien ou aller faire du jogging. Ces renseignements nous permettront de mieux comprendre comment les membres d'un ménage interagissent avec le réseau routier. Nous pourrons ainsi mieux évaluer les futurs besoins en matière de routes et de transport en commun dans votre région au fil de son évolution.

AVIS

Vos réponses sont recueillies pour aider le ministère des Transports à identifier les habitudes de déplacement dans la REGH et ses environs, conformément au mandat de planification de la circulation et de sécurité routière du ministère en vertu de la législation provinciale. Les réponses doivent d'abord être recueillies sous une forme identifiable à des fins de validation du sondage, mais tous les identificateurs seront ensuite supprimés de manière sécurisée et ne seront à aucun moment détenus par le ministère sous une forme identifiable. Vos réponses au sondage seront combinées avec les réponses des autres avant qu'elles ne soient analysées. Vos coordonnées ne seront utilisées que pour vous contacter pour le suivi du sondage. Les noms, adresses et numéros de téléphone sont détruits à la fin de collecte de données du sondage et avant que les réponses ne soient reçues par le ministère ou ses partenaires financiers. Si vous avez des questions, veuillez appeler le ministère des Transports au 1-800-268-4686, ou visitez TTS2022.ca.