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Bridge and Transportation Network Study for Bridges 2-WG, 3-E, 5-E, & 7-E

Township of Centre Wellington
1 MacDonald Square
Elora ON N0B 1S0

REFER TO PART 1 OF DOCUMENT FOR FRONT END REPORT AND APPENDIX A

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Appendix B

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Appendix B.1

Project Contact Lists

Title	First Name	Last Name	Position	Organization	Address	City	Prov	Postal Code	Telephone	Email
Provincial & Federal Agency										
Sir/Madam			Class EA Form	Ministry of Environment, Conservation and Parks						eanotification.wcregion@ontario.ca
				Ministry of the Environment, Conservation and Parks - Environmental Assessment and Permissions Branch						MEA.NOTICES.EAAB@ontario.ca
	Joan	Del Villar Cuicas	Environmental Resource Planner & EA Coordinator (Acting)	Ministry of the Environment, Conservation and Parks, West Central Region	135 St Clair Ave W., 8th Floor	Toronto	ON	M4V 1P5		joan.delvillarcuicas@ontario.ca;
Ms.	Tammy	Verhaeghe	District Planner, Guelph District	Ministry of Natural Resources and Forestry	1 Stone Road West	Guelph	ON	N1G 4Y2	519-826-4931	tammy.verhaeghe@ontario.ca
Mr.	Dan	Minkin	Heritage Planner, -MCM	Ministry of Citizenship and Multiculturalism (MCM)	401 Bay Street	Toronto	ON	M7A 0A7	416-786-7553	dan.minkin@ontario.ca
Ms.	Jessica	Hill	Senior Advisor - Indigenous Relations Unit	Ministry of Indigenous Affairs	160 Bloor Street, Suite 400	Toronto	ON	M7A 2E6	416-326-4744	jessica.hill2@ontario.ca
Sir/Madam				Fisheries and Oceans Canada Centre for Inland Waters	867 Lakeshore Road	Burlington	ON	L7S 1A1	905-336-4999	info@dfo-mpo.gc.ca
Municipal Agency										
Mr.	Shawn	Watters	Mayor	Township of Centre Wellington	1 MacDonald Square	Elora	ON	N0B 1S0	519-846-9691 x295	mayor@centrewellington.ca
Ms.	Kerri	O'Kane	Manager of Legislative Services & Municipal Clerk	Township of Centre Wellington	1 MacDonald Square	Elora	ON	N0B 1S0	519-846-9691 x243	kokane@centrewellington.ca
Mr.	Dan	Wilson	Chief Administrative Officer	Township of Centre Wellington	1 MacDonald Square	Elora	ON	N0B 1S0	519-846-9691 x234	dwilson@centrewellington.ca
Ms.	Kendra	Martin	Communications Officer	Township of Centre Wellington	1 MacDonald Square	Elora	ON	N0B 1S0	519-846-9691 x220	kmartin@centrewellington.ca
Mr.	John	Gaddye	Superintendent of Public Works	Township of Centre Wellington	7444 Wellington Road 21	Elora	ON	N0B 1S0	519-846-9691 x313	jgaddye@centrewellington.ca
Ms.	Mariana	Iglesias	Manager of Planning	Township of Centre Wellington	1 MacDonald Square	Elora	ON	N0B 1S0	519-846-9691 x289	miglesias@centrewellington.ca
Mr.	Brett	Salmon	Managing Director of Planning & Development	Township of Centre Wellington	1 MacDonald Square	Elora	ON	N0B 1S0	519-846-9691 x297	bsalmon@centrewellington.ca
Mr.	Adam	McNabb	Managing Director of Coporate Services & Treasurer	Township of Centre Wellington	1 MacDonald Square	Elora	ON	N0B 1S0	519-846-9691 x224	amcnabb@centrewellington.ca
Ms.	Pat	Newson	Managing Director of Community Services	Township of Centre Wellington	1 MacDonald Square	Elora	ON	N0B 1S0	519-846-9691 x319	pnewson@centrewellington.ca
Mr.	Colin	Baker	Managing Director of Infrastructure Services	Township of Centre Wellington	1 MacDonald Square	Elora	ON	N0B 1S1	519-846-9691 x357	cbaker@centrewellington.ca
Ms.	Lisa	MacDonald	Township Councillor - Ward 1	Township of Centre Wellington	1 MacDonald Square	Elora	ON	N0B 1S0	226-384-2345	ward1@centrewellington.ca
Ms.	Kimberley	Jefferson	Township Councillor - Ward 2	Township of Centre Wellington	1 MacDonald Square	Elora	ON	N0B 1S0	226.332.5861	ward2@centrewellington.ca
Ms.	Barbara	Lustgarten-Evoy	Township Councillor - Ward 3	Township of Centre Wellington	1 MacDonald Square	Elora	ON	N0B 1S0	226.332.6005	ward3@centrewellington.ca
Ms.	Jennifer	Adams	Township Councillor - Ward 4	Township of Centre Wellington	1 MacDonald Square	Elora	ON	N0B 1S0	519.827.5904	ward4@centrewellington.ca
Ms.	Bronwynne	Wilton	Township Councillor - Ward 5	Township of Centre Wellington	1 MacDonald Square	Elora	ON	N0B 1S0	226.332.6004	ward5@centrewellington.ca
Mr.	Denis	Craddock	Township Councillor - Ward 6	Township of Centre Wellington	1 MacDonald Square	Elora	ON	N0B 1S0	226.332.6214	ward6@centrewellington.ca
Mr.	Phil	Brown	Chair, Centre Wellington Heritage Committee	Township of Centre Wellington	1 MacDonald Square	Elora	ON	N0B 1S0		
Mr.	Don	Kudo	County Engineer	Wellington County	74 Woolwich Street	Guelph	ON	N1H 3T9	519-837-2600 x2280	donk@wellington.ca
Mr.	Joe	de Koning	County Engineer	Wellington County	74 Woolwich Street	Guelph	ON	N1H 3T9	519-837-2600 x2270	joedk@wellington.ca
Mr.	Harry	Niemi	Director of Public Works	Township of Guelph Eramosa	8348 Wellington Rd Suite 124	Rockwood	ON	N0B 2K0	519-856-9596 x109	hniemi@get.on.ca
Emergency Services										
Mr.	Tom	Mulvey	Deputy Fire Chief	Township of Centre Wellington	250 Queen Street W	Fergus	ON	N1N 1S8	519-846-9691 x389	tmulvey@centrewellington.ca
Mr.	Jonathan	Karn	Deputy Fire Chief	Township of Centre Wellington	250 Queen Street W	Fergus	ON	N1N 1S8	519-846-9691 x387	jkarn@centrewellington.ca
Ms.	Chantalle	Pellizzari	Community Emergency Management Coordinator	Township of Centre Wellington	1 MacDonald Square	Elora	ON	N0B 1S0	519-846-9691 x241	cpellizzari@centrewellington.ca
Ms.	Shannon	Koestner	Community Emergency Management Coordinator	Township of Centre Wellington	1 MacDonald Square	Elora	ON	N0B 1S0	519-846-9691 x249	skoestner@centrewellington.ca
	Hurania	Melgar	Emergency Manager/CEMC	County of Wellington	536 Wellington Road 18 RR1	Fergus	ON	N1M 2W3	519-837-2600 x3322	huraniam@wellington.ca
Ms.	Marylin	Koch	Centre Wellington Operations Centre (Fergus) Detachment - Admin Assistant	Ontario Provincial Police	371 Charles Allan Way	Fergus	ON	N1M 2W3	519-846-5930	~~marilynkoch@opp.ca~~
Ms.	Cathy	McKeown	Centre Wellington Operations Centre (Fergus) Detachment - Admin Assistant	Ontario Provincial Police	371 Charles Allan Way	Fergus	ON	N1M 2W3		Carly.McKeown@opp.ca
Ms.	Sherry	Hoysa	Guelph Wellington Paramedic Services							sherry.hoysa@guelph.ca
Conservation Authority										
Ms.	Laura	Warner	Resource Planner	Grand River Conservation Authority	400 Clyde Road, PO Box 729	Cambridge	ON	N1R 5W6	519-621-2763 x 2231	~~lwarner@grandriver.ca~~
Mr.	Trevor	Heywood	Resource Planner	Grand River Conservation Authority	400 Clyde Road, PO Box 729	Cambridge	ON	N1R 5W6	519-621-2763 x 2292	theywood@grandriver.ca
Mr.	Dwight	Boyd	Director of Engineering	Grand River Conservation Authority	400 Clyde Road, PO Box 729	Cambridge	ON	N1R 5W6	519-621-2763 x2225	dboyd@grandriver.ca
School Boards & Student Transportation										
Ms.	Martha C.	Rogers	Director of Education	Upper Grand District School Board	500 Victoria Road North	Guelph	ON	N1E 6K2	519-822-4420 x721	amy.villeneuve@ugdsb.on.ca
Mr.	Michael	Glazier	Director of Education	Wellington Catholic District School Board	75 Woolwich Street	Guelph	ON	N1H 6H6	519-821-4640 x214	michael.glazier@wellingtoncdsb.ca
Sir/Madam				Wellington-Dufferin Student Transportation Services	66 Arrow Road	Guelph	ON	N1K 1T4	519-842-4119	
Businesses - 4 Bridge EA										
Ms.	Janet	Harrop	President	Wellington Federation of Agriculture	7764 Nichol Sdrd 5	Fergus	ON	N1M 2W3	519-820-9293	
				Herwynen Sawmill	5953 Sixth Line	Guelph/Eramosa	ON	N0B 2K0	519-856-2489	
				St. Peter's Church	8404 Fifth Line	Guelph/Eramosa	ON	N1M 2W5	519-833-9738	
				Stella-Jones Inc.	7818 Wellington Road 22	Guelph	ON	N1H 6J2	519-822-3901	
Utilities										
Mr.	Ahmad	Nouman	Supervising Distribution Tech.	Hydro One -Guelph					519-535-7361	ahmad.nouman@hydroone.com
Mr.	Bill	Downes	Bell Implementation Manager	Bell Canada	Flr 3,20 Cork St East	Guelph	ON	N1H 2W7	226-750-5389	william.downes1@bell.ca
Ms	Katelyn	Creed	Bell Implementation Manager	Bell Canada	Flr 3,20 Cork St East	Guelph	ON	N1H 2W7	226-388-0180	katelyn.creed@bell.ca

Indigenous Communities										
Chief	Sherri-Lyn	Hill	Chief	Six Nations of the Grand River	1695 Chiefswood Rd., PO Box 5000	Ohsweken	ON	N0A 1M0	519-445-2201	sngr.chief@sixnations.ca sherri-lyn_hillpierce@sixnations.ca
	Lonny	Bomberry	Lands and Resources Director	Six Nations Lands and Resources	2498 Chiefswood Rd., PO Box 5000	Ohsweken	ON	N0A 1M0		lonnybomberry@sixnations.ca
	Peter	Graham	Consultation Supervisor	Six Nations Lands and Resources	2498 Chiefswood Rd., PO Box 5000	Ohsweken	ON	N0A 1M0	519-753-0665 x 5425	LRCS@sixnations.ca; cc
Ms.	Dawn	LaForme		Six Nations Lands and Resources	2498 Chiefswood Rd., PO Box 5000	Ohsweken	ON	N0A 1M0	519-445-2201	dlaforme@sixnations.ca
	Tanya	Hill-Montour		Six Nations Lands and Resources	2498 Chiefswood Rd., PO Box 5000	Ohsweken	ON	N0A 1M0	519-445-2201	tanyahill-montour@sixnations.ca
Chief	Claire	Sault	Chief	Mississaugas of the Credit First Nation (MCFN)	2789 Mississauga Road	Hagersville	ON	N0A 1H0	905-768-1133	claires@mncfn.ca
	Abby	LaForme	Consultation Manager (MCFN, DOCA) Departmer	Mississaugas of the Credit First Nation (MCFN)	2789 Mississauga Road	Hagersville	ON	N0A 1H0	905-768-4260	abby.laforme@mncfn.ca
	Adam	LaForme	Archaeology/FLR Participation Contact	Mississaugas of the Credit First Nation (MCFN)	2789 Mississauga Road	Hagersville	ON	N0A 1H0		adam.laforme@mncfn.ca
	Jesse	Fieldwebster	Manager of Lands, Resources and Consultations	Métis Nation of Ontario	Unit 10 & 11, 845 King Street	Midland	ON	L4R 0B7	(705)-529-6000	consultations@metisnation.org jessef@metisnation.org
				Haudenosaunee Development Institute	16 Sunrise Court, Suite 600, P.O. Box 714	Ohsweken	ON	N0A 1M0	(519) 755-2769	info@hdi.land
Hohahes	Leroy	Hill	Secretary to the Haudenosaunee Confederacy	Haudenosaunee Confederacy	16 Sunrise Court, Suite 600, P.O. Box 714	Ohsweken	ON	N0A 1M0	519-445-4222	iocko@sixnationsns.com; info@hdi.land;
	Raechelle (Janice)	Williams	Environmental Supervisor	Haudenosaunee Confederacy	16 Sunrise Court, Suite 600, P.O. Box 714	Ohsweken	ON	N0A 1M0	519-445-4222	janicewilliams@hdi.land
	Todd	Williams								williams.todde@gmail.com

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Appendix B.2

Public Open House No. 1 Summary

R.J. Burnside & Associates Limited 292 Speedvale Avenue West Unit 20 Guelph ON N1H 1C4 CANADA
telephone (519) 823-4995 **fax** (226) 526-9660 **web** www.rjburnside.com

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Public Open House No. 1 – Summary Report

Client Name:	Township of Centre Wellington	**Project No.:**	300058117.0000
Project Name:	Bridge and Transportation Network Study for Bridges 2-WG, 3-E, 5-E, & 7-E		
Meeting Date:	July 24, 2024		
Location:	Centre Wellington Community Sportsplex – Gord Brown Hall 550 Belsyde Avenue East, Fergus		
Time:	6:00 p.m. to 8:00 p.m.		
Project Team Members Present:	Adam Gilmore – Township of Centre Wellington Adam Dickieson – Township of Centre Wellington Matthew Brooks – R.J. Burnside & Associates Limited Andrew Dawson – R.J. Burnside & Associates Limited Tricia Radburn – R.J. Burnside & Associates Limited		
Prepared By:	Andrew Dawson & Mishaal Rizwan		

1.0 Introduction and Background

R.J. Burnside & Associates Limited (Burnside) has been retained by the Township of Centre Wellington (Township) to complete a Bridge and Transportation Network Study for Bridges 2-WG, 3-E, 5-E, and 7-E, located in the southeast quadrant of the Township. As part of the study process, the Township elected to complete a Public Open House to consult with the local community and stakeholders to hear their input on the problems and opportunities presented through the consideration of improvements or permanent closure to the four bridges being reviewed.

2.0 Method of Notification

Details of the purpose of the study and the date, time, and location of the in-person meeting and details for accessing the online version of the meeting were delivered to the public and stakeholders through a Notice of Public Open House. A copy of the notice is included in Appendix A. The method of notification and / or advertisement is as follows:

- By mail to all applicable mailing addresses for all properties located within the Study Area.
- By email to agencies, municipalities, and any local members of the public who had provided contact information following the notice of project initiation.
- By registered mail and email to Indigenous Communities.

- By publishing in the Wellington Advertiser on July 11, 2024. A copy of the advertisement is provided in Appendix B.
- Online by posting to the project-specific web page of the Township's 'Connect CW' online platform.

3.0 Public Meeting Format

3.1 In-Person Public Open House

An in-person Public Open House (POH) was arranged as a "drop-in" style session where representatives from the study team were available to answer questions and discuss the project with interested members of the public. Attendees were greeted upon arrival, were encouraged to sign the registration sheet, and were provided with a comment form to provide comments on any aspect of the project.

The open house began at 6:00 p.m. on July 24, 2024. Display boards were placed around the room and representatives from the project team were available to answer any questions and discuss the project with attendees. A copy of the display boards is provided in Appendix C. The display boards covered the following topics:

- Study Area, Objectives, and Process
- Background Information on Each Bridge
- Maps of Properties within the Study Area
- Alternative Solutions For Improvements at Each Bridge
- Criteria to be Considered for Evaluation of Alternatives
- Summary of Completed Archaeological and Cultural Studies
- Overview of Upcoming Investigations and Background Studies
- Next Steps
- Invitation for Participation / Comment

Participants were asked to identify their uses of the bridge and how they would be impacted by improvements or potential closures to the structures. Aerial maps of the study areas were provided for participating members to identify specific areas of concern or land use types and how they will be impacted. Participants were requested to provide input to the process by completing the available comment forms. If individuals wished to provide comments at a later date, the option to do so via email was made available by the contact information provided on the display boards for Project Team members Andrew Dawson and Adam Dickieson. All comments were requested to be submitted by August 23, 2024.

3.2 Online Presentation

A narrated online presentation was also made available for the public to access on their own time, should they not be able to attend the in-person meeting. The online presentation provided

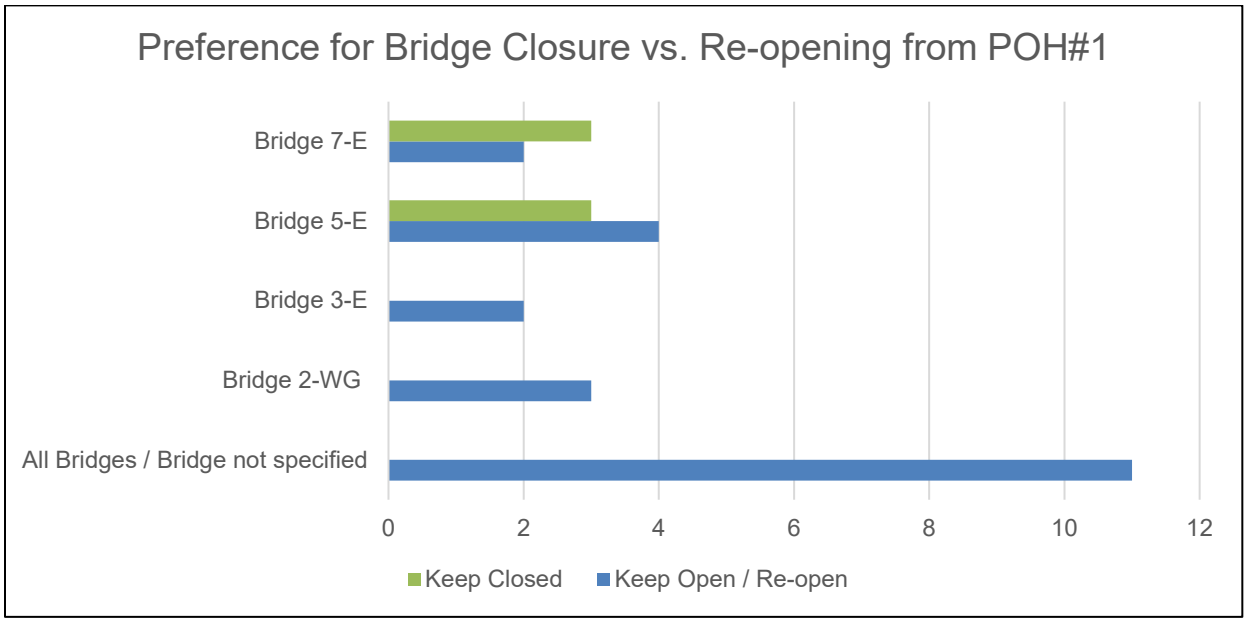
information on the same topics presented through the display boards, as summarized in Section 3.1 above. The narrated presentation was posted online at the project-specific webpage on the Township's 'ConnectCW' platform. A copy of the presentation slides, with the narrated text, is provided in Appendix D. At the time of this report, the video had been viewed 45 times. An online forum for questions was available on the Township web page; however, no comments were received through this method of consultation.

4.0 Participation Levels and Summary of Comments Received

A total of 47 people registered on the sign-in sheet for the in-person POH. 23 comment forms were submitted during the Public Open House, as well as a written letter from a property owner. All comments are documented in Appendix E. The key issues noted within the written responses relate to:

- Delayed response times for emergency services.
- Disruption to farm access and length of driving time required for farm equipment.
- Lack of turn-around space at closed bridges.
- Complicated routing for service vehicles such as school buses, snow ploughs, garbage collection, mail / parcel delivery, etc.
- Ineffective signage at closed bridges resulting in vehicles travelling down road and turning around.
- Taxes not being spent fairly / appropriately within this area of the Township.
- Increased commute times.
- Concerns related to increased traffic and speed if bridges are re-opened.
- Conflict with pedestrians, cyclists, and horseback riders if bridges are re-opened.
- Opportunity for cost savings if culverts or single-lane bridges are used.
- Desire for continued pedestrian use if bridges are closed to vehicular traffic.

In addition to the problems and opportunities identified by the public, some attendees also indicated a preference for the opening or closure of structures within their comment forms. There was a strong preference to keep open or re-open all or some of the bridges. A small number of respondents requested bridges 7-E and 5-E to remain closed for use by pedestrians, cyclists, and horseback riders, and to keep traffic levels low on the 3rd Line and 4th Line. These preferences are summarized below:



5.0 Next Steps

Comments and concerns received at the POH will be used to understand current conditions, current challenges, and problems or opportunities associated with the various alternatives under consideration.

The study will conduct additional supporting studies to help in evaluating the noted problems or opportunities in a quantifiable manner, where applicable. For example, the comments regarding travel times and farm equipment detours will be addressed through the Transportation Network Study planned as part of this overall study.

The comments collected will be kept on file and a summary of all comments received and how each comment was addressed or considered in the final decision will be included in the final Project File Report.

AD:smm

Enclosure(s) Appendix A – Notice of Public Open House No. 1
Appendix B – Wellington Advertiser Notice – July 11, 2024
Appendix C – Public Open House No. 1 Display Boards
Appendix D – Online Presentation Slide Show with Text
Appendix E – Comment Sheets

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Appendix A

Notice of Public Open House No. 1

Notice of Public Open House

Bridge and Transportation Network Study for Four Bridges

This notice was first issued on July 12, 2024

You Are Invited!

The Township would like to welcome your attendance at Public Open House. Information will be presented about four bridges located southeast of Fergus. This Open House will provide information to the community and stakeholders and will be an avenue for you to provide your comments relating to the role of these structures within the local community.

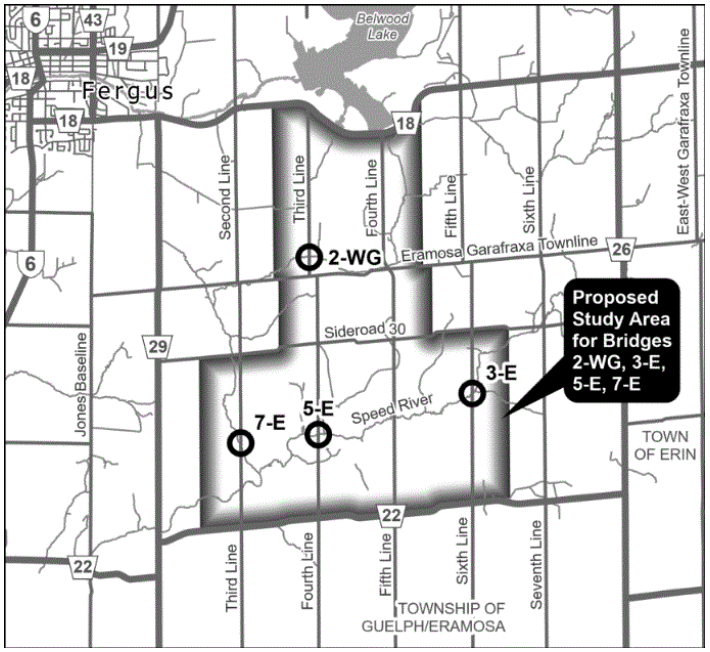
Date & Time: July 24 2024, 6:00 pm – 8:00 pm

Location: Centre Wellington Community Sportsplex - Gord Brown Hall
550 Belsyde Avenue East, Fergus

The Project

The Township of Centre Wellington has initiated a Bridge and Transportation Network Study for Four Bridges. This study will evaluate the role of these structures within the overall transportation network and connectivity in the community and determine the most suitable alternative at each location.

Three of the four bridges (3-E, 5-E, 7-E) are temporarily closed due to poor condition. The fourth bridge (2-WG) is open with load restrictions. The locations of the structures are shown in the key plan herein. The study will evaluate whether each bridge should be closed permanently, rehabilitated (with minor upgrades and modifications), or replaced.



The Study Process

The project will include consultation with agencies, stakeholders, Indigenous communities and public; an evaluation of alternative solutions to address the problem; development of a design concept for the preferred solution; an assessment of potential environmental impacts; and identification of reasonable measures to mitigate any potential adverse impacts. At the conclusion of the study, a report summarizing findings will be prepared for public review.

Township of Centre Wellington 1 MacDonald Square, Elora ON N0B1S0 | 519.846.9691 Fax 519.846.9858

centrewellington.ca

Consultation and Input

At the open house, background information of the project will be provided, and attendees will have the opportunity to direct any comments or questions related to the project directly to the Project Team.

If you are unable to attend the open house, a webpage containing study information is available. The presentation boards will be available on the ConnectCW website following the open house to allow those unable to attend to review material. To review ongoing project updates, visit the webpage at:

https://www.connectcw.ca/bridge-transportation-network-study-four-bridges

If you have questions or comments regarding the study, or would like to be included on the mailing list to receive future notices and study updates, please contact one of the Project Team members below:

Adam Dickieson	**Andrew Dawson, P. Eng.**
Engineering Services Coordinator	Consultant Project Manager
Township of Centre Wellington	R.J. Burnside & Associates Ltd.
1 MacDonald Square, Elora, ON N0B 1S0	292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
519-846-9691 x 355	705-797-4310
adickieson@centrewellington.ca	andrew.dawson@rjburnside.com

Information will be collected in accordance with the *Municipal Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record. If you have accessibility requirements in order to participate in this project, please contact one of the project team members listed above.

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Appendix B

Wellington Advertiser Notice – July 11, 2024

Help Wanted

The Corporation of the County of Wellington
Employment Opportunities

Wellington County consistently ranks as one of the safest communities in Canada and is home to vibrant economies, active and inclusive communities, and beautiful landscapes.

We are committed to building and maintaining a respectful, inclusive and equitable workplace that is representative of the community we proudly serve. The County is looking for individuals who are committed to public service, enjoy collaborating with others and share the County's values. We value applicants with a diverse range of skills, experiences, and competencies, and are looking forward to welcoming new members to our talented team.

The County offers generous compensation, benefits and pension packages. We also offer ongoing career and development opportunities to our employees, with a commitment to health and well-being.

Current Employment Opportunities:

Cook – Child Care Centre, Full Time Regular - #1336
Social Services, Children's Early Years - 95 Willow Road, Guelph ON
The Child Care Cook position reports to the Manager of Directly Operated Programmes and the Child Care Centre Supervisor and is responsible for the daily preparation of meals and snacks for children attending the Centre. Duties include, but are not limited to, purchasing and storing adequate food supplies, keeping records of purchases, and cleaning the kitchen area. This position offers a comprehensive benefit package and an annual salary range of $52,925.60 - $61,698.00 on the Union Compensation Grid based on a 35-hour work week. Posting closes on July 17.

Nutrition Services Cook, Part Time Regular - #1344
Wellington Terrace, 474 Charles Allan Way, Fergus ON
The Nutrition Services Cook is responsible for the preparation of meals as per posted menus and to carry out established nutrition service programmes. In the absence of the Nutrition Services Manager and Nutrition Services Supervisor, the Cook is responsible for the daily function of the Main Kitchen. This position offers a comprehensive benefit package and an hourly range of $31.04 - $36.30 on the Non-Union Compensation Grid. This position works 30 hours bi-weekly; flexibility of hours may be required. Posting closes on July 16, 2024.

Manager of Directly Operated Programmes, Full Time Regular - #1349
Social Services, Children's Early Years - 552 Wellington Rd 18, Fergus Ontario
The Manager of Directly Operated Programmes reports to the Director of Children's Early Years and is responsible for overseeing all licensed child care programmes that are directly operated by the Corporation of the County of Wellington. Duties include but are not limited to administrative and financial duties, liaising with community agencies and committees, building tenants and contractors, and adhering to the College of ECE's Standards of Practice and Code of Ethics. This position offers a comprehensive benefit package and an annual salary range of $99,335.60 - $116,207.00 on the Non-Union Compensation Grid based on a 35-hour work week. Posting closes on July 21.

Registered Nurse, Five Month Contract - #1351
Wellington Terrace Long Term Care Home – Nursing Division, 474 Charles Allan Way, Fergus
The Registered Nurse has an advanced foundation of knowledge in clinical practice to coordinate and deliver complex care with the focus of practice being on decision-making, analysis, critical thinking, and leadership. The Registered Nurse provides resident care, including administration of medications and treatments, by applying the principles of resident focused care. This position offers a benefit package and an hourly range of $54.35 - $62.80 on the Non-Union Compensation Grid. Must also be available to work night shift, including weekends and holidays. Posting closes on July 21.

Visit our website at careers.wellington.ca for position details including minimum qualifications, and to apply.

Personal information is collected pursuant to the Municipal Freedom of Information and Protection of Privacy Act and will be used only to evaluate the suitability of applicants for employment.

The County of Wellington is an equal opportunity employer, dedicated to creating a workplace culture of inclusiveness that reflects the diverse communities we proudly serve. Accommodation for disabilities is available for all parts of the recruitment process. Applicants must make their needs known in advance. Alternate formats available upon request.

Human Resources Department, County of Wellington Administration Centre
74 Woolwich Street, Guelph ON N1H 3T9

Apt. For Rent

2 BEDROOM Apartment available for rent in August in Moorefield adult building. No pets/smoking. $1200 inc heat/-hydro. Laundry facility on site. Please contact 519-638-3054.

Condos For Rent

SENIOR CONDO for rent at Drayton Village on the Ridge. 3 bedrooms, 2 bathrooms, 2 walkout balcony condo is located on 2nd floor. All appliances and utilities inc. Heated indoor parking. $3000/-month. Contact 519-748-8705

Wanted To Rent

ROOM/BACHELOR APT. wanted. $500-$700/month for mature male w/friendly dog in exchange for jobs around property (grass cutting etc.). Farm background. 1-249-360-3291

Mortgages

THE MORTGAGE PEOPLE- We do difficult mortgages. 1st, 2nd & 3rd mortgages. Residential, Commercial, Industrial, Farms & Land. Good credit, bad credit, self-employed. We will come to you. We use your equity in your home to get you approved. Mortgages are cheaper than your credit card. REVERSE MORTGAGES. No fees up front. One week to complete after everything is signed. Could be sooner! Call Don Madill #M08004349 or Nicholas Seibert #M19000535 519-743-5361 or 1-800-361-5114 (Lic#10300) www .themortgagepeople.ca

Storage

Wee Stor SELF STORAGE LOW RATES
- Heated and Non-Heated Units
- Moving Supplies
- Discounts for Students & Seniors

2 GUELPH LOCATIONS: 140 Regal Road, 175 Dawson Road
Call Today! 519-836-5501 www.weestor.ca

20FT SHIPPING containers for sale or rent. Also, 40FT Shipping containers for sale. Merlin Rice 519-323-8670

SWAVING STORAGE- Mobile Storage units 16ft. to 22ft. long. Delivery and pick-up. 519-843-1299 Website: www.swaving.ca Email: mike@swaving.ca

NOTICES

NOTICE OF THE PASSING OF AMENDMENTS TO THE DEVELOPMENT CHARGES BY-LAWS

Guelph/Eramosa Township

On April 10, 2024, the Province on Ontario released proposed changes to the Development Charges Act (D.C.A.) via Bill 185: Cutting Red Tape to Build More Homes Act, 2024. The Bill received Royal Assent on June 6, 2024, therefore,

TAKE NOTICE that the Council of the municipality of Guelph/Eramosa passed amendments to the municipal-wide development charges By-laws No. 24,25,26,27,28/2023 on the 8th day of July 2024 under section 2 (1) of the Development Charges Act, 1997, S.O., 1997 c. 27, as amended. The amendments occurred via amending By-laws No.27,28,29,30,31/2024.

The amendments to the development charges imposed by the by-laws, which came into effect on July 8, 2024 are as follows:

- Revise the definition of capital cost to include studies as per the D.C.A.;
- Add a charge for Growth Studies; and
- Repeal the mandatory phase-in section.

No map is provided as all amending by-laws apply to the entire municipality.

Copies of the amending by-laws can be found on the Township's website, **www.get.on.ca.**

Amanda Knight,
Clerk/Director of Legislative Services
8348 Wellington Road 124, P.O. Box 700, Rockwood, ON N0B 2K0
T: 519-856-9596 ext. 125
E: aknight@get.on.ca

NOTICES

Centre Wellington

Notice of Public Open House
Bridge and Transportation Network Study for Four Bridges

This notice was first issued on July 11, 2024

You Are Invited!

The Township would like to welcome your attendance at Public Open House. Information will be presented about four bridges located southeast of Fergus. This Open House will provide information to the community and stakeholders and will be an avenue for you to provide your comments relating to the role of these structures within the local community.

Date & Time: July 24, 2024, 6:00 pm – 8:00 pm

Location: Centre Wellington Community Sportsplex - Gord Brown Hall
550 Belsyde Avenue East, Fergus

The Project

The Township of Centre Wellington has initiated a Bridge and Transportation Network Study for Four Bridges. This study will evaluate the role of these structures within the overall transportation network and connectivity in the community and determine the most suitable alternative at each location.



Three of the four bridges (3-E, 5-E, 7-E) are temporarily closed due to poor condition. The fourth bridge (2-WG) is open with load restrictions. The locations of the structures are shown in the key plan herein. The study will evaluate whether each bridge should be closed permanently, rehabilitated (with minor upgrades and modifications), or replaced.

The Study Process

The project will include consultation with agencies, stakeholders, Indigenous communities and public; an evaluation of alternative solutions to address the problem; development of a design concept for the preferred solution; an assessment of potential environmental impacts; and identification of reasonable measures to mitigate any potential adverse impacts. At the conclusion of the study, a report summarizing findings will be prepared for public review.

Consultation and Input

At the open house, background information of the project will be provided, and attendees will have the opportunity to direct any comments or questions related to the project directly to the Project Team.

If you are unable to attend the open house, a webpage containing study information is available. The presentation boards will be available on the ConnectCW website following the open house to allow those unable to attend to review material.

To review ongoing project updates, visit the webpage at:

https://www.connectcw.ca/bridge-transportation-network-study-four-bridges

If you have questions or comments regarding the study, or would like to be included on the mailing list to receive future notices and study updates, please contact one of the Project Team members below:

Adam Dickieson	**Andrew Dawson, P. Eng.**
Engineering Services Coordinator	Consultant Project Manager
Township of Centre Wellington	R.J. Burnside & Associates Ltd.
1 MacDonald Square, Elora, ON N0B 1S0	292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
519-846-9691 x 355	705-797-4310
adickieson@centrewellington.ca	andrew.dawson@rjburnside.com

Information will be collected in accordance with the *Municipal Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record. If you have accessibility requirements in order to participate in this project, please contact one of the project team members listed above.

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Appendix C

Public Open House No. 1 Display Boards

Township of Centre Wellington

Bridge and Transportation Network Study for Four Bridges

Public Open House

July 24, 2024

Centre Wellington Community Sportsplex - Gord Brown Hall

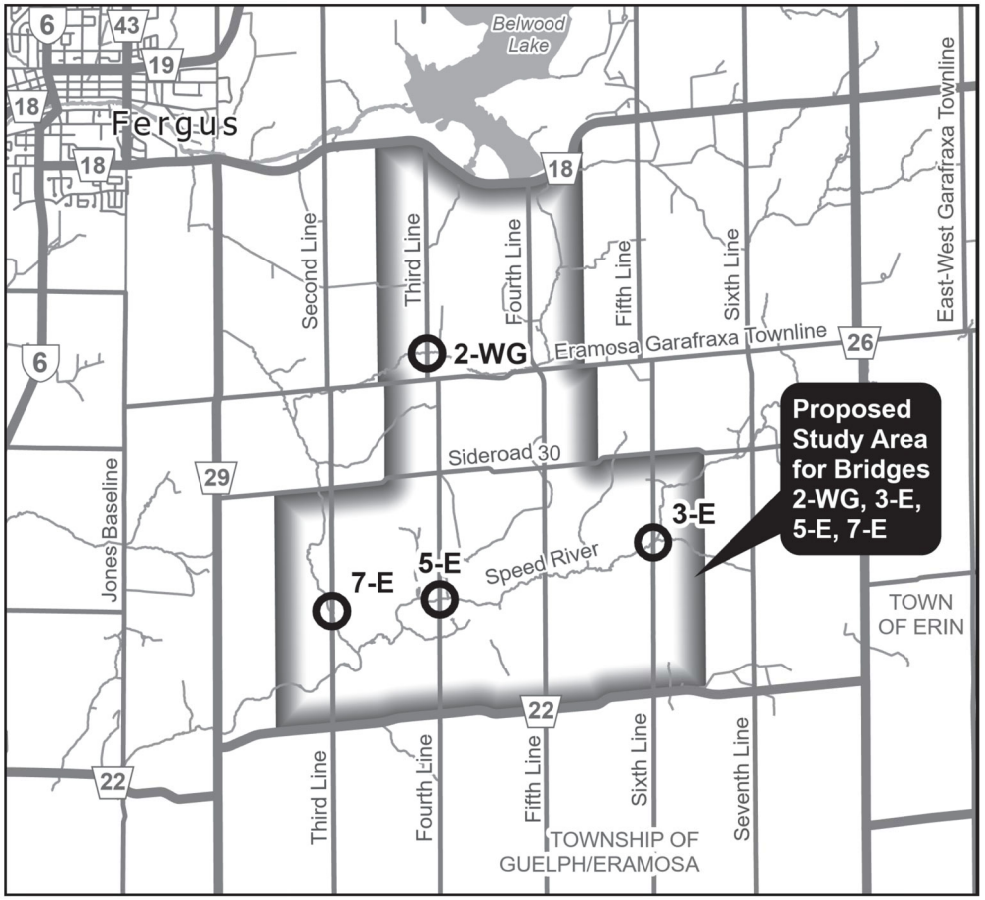
The Study

The Township of Centre Wellington has initiated a Bridge and Transportation Study to review options available for four bridges (Bridges 2-WG, 3-E, 5-E, 7-E), located in a localized area of the southeast region of the Township, which are currently closed to traffic or have load restrictions impacting the transportation network.

Study Objectives:

- Engage with Community to gain increased understanding of local needs for bridges
- Evaluate role of each bridge within the transportation network
- Gather background data to allow for meaningful review of effects of future work
- Review series of alternative solutions for bridges at each individual site
- Consider impacts of actions at one site on the others due to proximity
- Determine the most suitable alternative for the Study Area as a whole

Results of this study will guide the Township's capital planning for the future of the bridges.



Study Process

WE ARE HERE



Bridge 2-WG

- Third Line, 330m North of Eramosa-Garafraxa Townline
- Constructed circa 1921
- Closure Status: Open,15 Tonne load limit
- Structure Type: Reinforced Concrete Through Girder Bridge





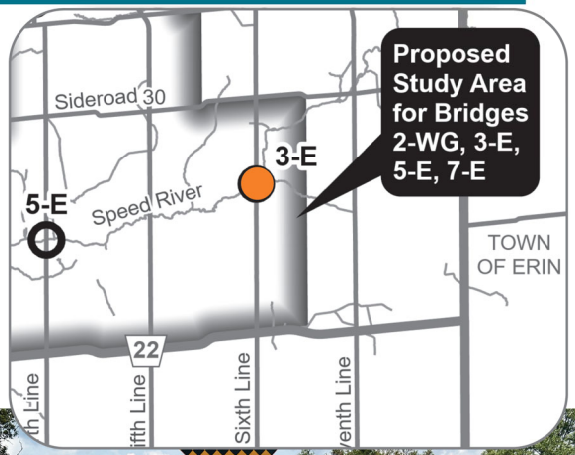




- Load capacity concerns related to loss of concrete, resulting in corrosion and reduced engagement of the reinforcing steel in main girder elements

Bridge 3-E

- Sixth Line, between Sideroad 30 and Wellington Road 22
- Constructed circa 1919
- Closed to Traffic: 2022
- Structure Type: Concrete Bowstring Arch Truss







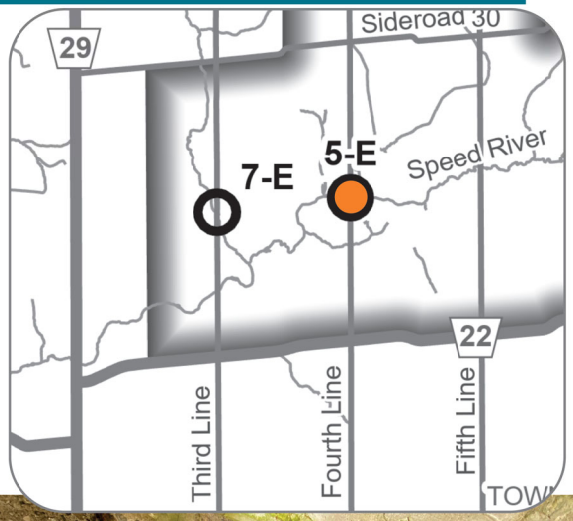




- Bridge was closed as it was noted to exhibit serious structural issues due to advanced deterioration

Bridge 5-E

- Fourth Line, between Sideroad 30 and Wellington Road 22
- Constructed circa 1923
- Closed to Traffic: 2013
- Structure Type: Reinforced Concrete Through Girder Bridge









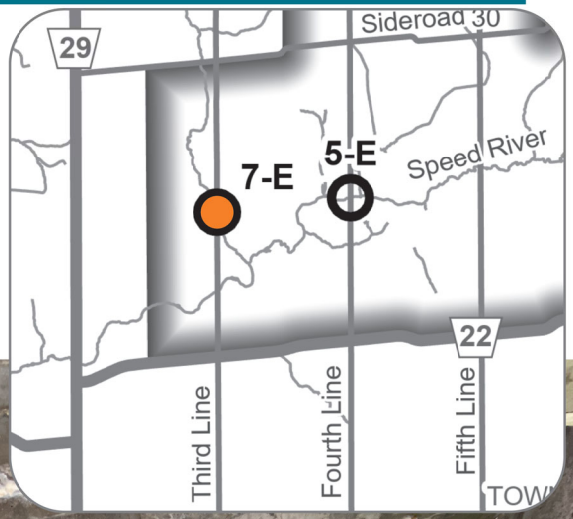
- Bridge was closed due to structural concerns and evidence of progressing cracks. Significant concerns noted for the floor beams and deck slab's ability to carry vehicle loads

Centre Wellington

Bridge 7-E

BURNSIDE

- Third Line, between Sideroad 30 and Wellington Road 22
- Constructed circa 1920
- Closed to Traffic: 2021
- Structure Type: Reinforced Concrete Through Girder Bridge







- Bridge closed due to the severe disintegration in the main load carrying elements (girders) and deck slab

Alternative Solutions

The following preliminary Alternative Solutions have been developed and will be evaluated for each site after appropriate studies & consultations have been complete:

Alternative 1: Do Nothing

Leave the existing structures in their current deteriorating state and continue to restrict public use.

Alternative 2: Permanent Removal of Structure

Removal of existing bridge structure resulting in no watercourse crossing at the current location moving forward

Alternative 3: Rehabilitate Existing Structure

Complete repairs to the existing structure to meet engineering and public safety standards and re-open the structure, if achievable.

Alternative 4: Replacement of Structure

Full removal of the existing bridge and replacement with a new bridge in the current location. Consideration will be given to full capacity two-lane bridge replacements, as well as low-volume bridges with limited load or traffic capacities.

The study will also evaluate several scenarios with different combinations of structures being closed (Alternative 1 or 2) or opened (Alternative 3 or 4) to assess the preferred alternatives from a transportation perspective.

Evaluation Criteria

The alternatives being assessed will be evaluated based on a series of considerations including, but not limited to:



Technical Environment

- Transportation Connectivity
- Bridge Capacity
- Hydraulic Performance
- Design Standards



Natural Environment

- Environmentally Sensitive Areas
- Wildlife Habitats
- Fisheries/Aquatic Habitat
- Species at Risk



Social & Cultural Environment

- Socio-Economic Conditions
- Archaeological, Built & Cultural Heritage
- Community Input



Economic Environment

- Capital Costs
- Operational and Maintenance Costs

Completed Investigations

The following investigations have been undertaken since the study commenced:

Stage 1 Archaeological Assessment

- All sites exhibit low archaeological potential due to previous disturbance
- All sites are considered free of archaeological concerns and no further archaeological assessment is recommended

Cultural Heritage Evaluation

- Bridges 2-WG, 5-E & 7-E not considered to have Cultural Heritage Value or Interest
- Bridge 3-E
  - One of the few remaining unique style bowstring arch bridges that were historically popular in Wellington County
  - 'Rainbow Arch' / Bowstring Arch bridge design was developed by local (Fergus) designer, Charles Mattaini
  - Considered to have Cultural Heritage Value / Interest
  - Candidate for Listing/Designation under Ontario Heritage Act
  - Heritage Impact Assessment recommended



Bridge 3-E

Upcoming Investigations

The additional investigations shown below will be undertaken as part of the study:

Heritage Impact Assessment (Bridge 3-E only)	▪ Determine heritage attributes of bridge ▪ Identify strategies for documenting, conserving and/or providing sympathetic design elements
Natural Environment	▪ Terrestrial Ecology Review ▪ Aquatic Ecology Review ▪ Species at Risk Review
Socio-Economic Environment	▪ Public Consultation ▪ Land Use and Transportation Master Plan Review
Structural Assessment	▪ Physical Condition Review ▪ Rehabilitation Feasibility Study ▪ Replacement Structure Options (geometry, bridge type, etc.)
Hydraulic Analysis	▪ Review conveyance capacity and flood risk under rainfall events ▪ Analysis of replacement structure geometry to meet standards
Transportation Connectivity Study	▪ Cross-Community Connectivity Study ▪ Emergency Response Time Analysis

Next Steps

Today (Open House #1)

- Public to provide comments to the Project Team:
  - How will the bridge opening or permanent closure affect your life, property, business, etc.
  - Identify interests, preferences and recommendations for the bridges

Summer 2024

- Additional Field Studies (Natural Environmental & Heritage)
- Transportation Connectivity Study
- Hydraulic Analysis and Structural Assessment
- Consultation with Heritage Centre Wellington
- Evaluation of Alternatives

Fall 2024

- Determine Preliminary Preferred Alternative
- **Public Open House #2** to share evaluation & Preferred Alternative
- Confirm Preferred Alternative

Winter 2024/2025

- Document summarizing study available for Public's review and comment
- Study Completion

Ongoing Public Consultation

We want to hear from you!

Invitation for Participation

You are invited to provide comments by completing a comment sheet and submitting it to the comment box today or emailing one of the Project Team members below by August 23rd, 2024:

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square
Elora, ON N0B 1S0
Tel: 519-846-9691 ext. 355
adickieson@centrewellington.ca

Andrew Dawson, P.Eng
Consultant Project Manager
R. J. Burnside and Associates Limited
292 Speedvale Avenue West, Unit 20
Guelph, ON N1H 1C4
Tel: 705-797-4310
andrew.dawson@rjburnside.com

The display boards, a narrated slideshow and all project updates will be available on the Township's project webpage after the open house:

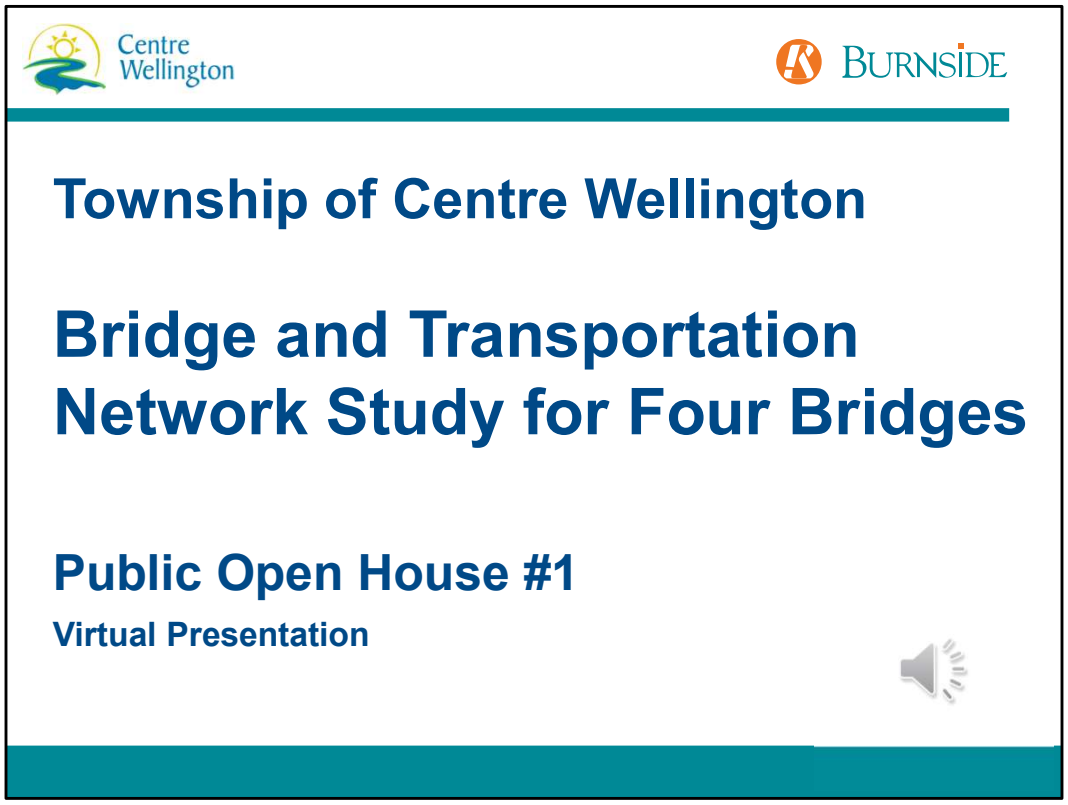
www.connectcw.ca/bridge-transportation-network-study-four-bridges

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Appendix D

Online Presentation Slide Show with Text



Hello, and Welcome to the first public open house for the Township of Centre Wellington's Bridge and Transportation Network Study for Four Bridges.
My name is Andrew Dawson, I am a professional Engineer with R.J. Burnside & Associates Limited, also known as "Burnside". Burnside is the consulting engineering company that has been selected by the Centre Wellington to work with the Township and the community on this bridge study. Burnside will be presenting this virtual version of the first Public Open House material on behalf of the Township.
Thank you in advance for your time to review this presentation. We appreciate your interest in the project, as consultation with the community is a very important aspect of this study process.

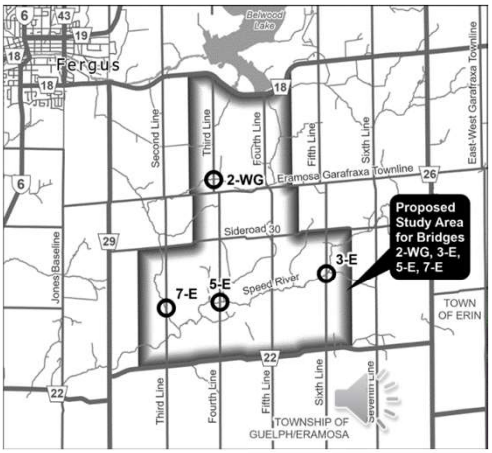
The Study

The Township of Centre Wellington has initiated a Bridge and Transportation Study to review options available for four bridges (Bridges 2-WG, 3-E, 5-E, 7-E), located in a localized area of the southeast region of the Township, which are currently closed to traffic or have load restrictions impacting the transportation network.

Study Objectives:

- Engage with Community to gain increased understanding of local needs for bridges
- Evaluate role of each bridge within the transportation network
- Gather background data to allow for meaningful review of effects of future work
- Review series of alternative solutions for bridges at each individual site
- Consider impacts of actions at one site on the others due to proximity
- Determine the most suitable alternative for the Study Area as a whole

Results of this study will guide the Township's capital planning for the future of the bridges.



The Township of Centre Wellington has initiated a Bridge and Transportation Study to review options available for four bridges (Bridges 2-WG, 3-E, 5-E, 7-E), which are located in a localized area southeast of Fergus. The four bridge locations and an outline of the Study Area are shown in the key-map provided on this slide. The four bridges are watercourse crossings of the Speed River and its tributaries. Three of the bridges are located between Sideroad 30 and Wellington Road 22, on third line, fourth line and sixth line. The fourth structure is located on third line, just north of Eramosa-Garafraxa Townline. A closer look at each of the structures will be provided in the coming slides.

All four structures are over 100 years old and have deteriorated significantly, to the point of closure or significant load restrictions, as a result of concerns identified related to their remaining structural capacity.
As part of this study, the Township would like to engage with the community to gain an increased understanding on how these bridges serve the local stakeholders such as property owners and businesses within the Study Area, users of the road networks related to these bridges and agencies or organizations with an interest or regulation over the works, such as conservation authorities. The Township will collect comments regarding concerns and recommendations from the stakeholders for consideration throughout this study.

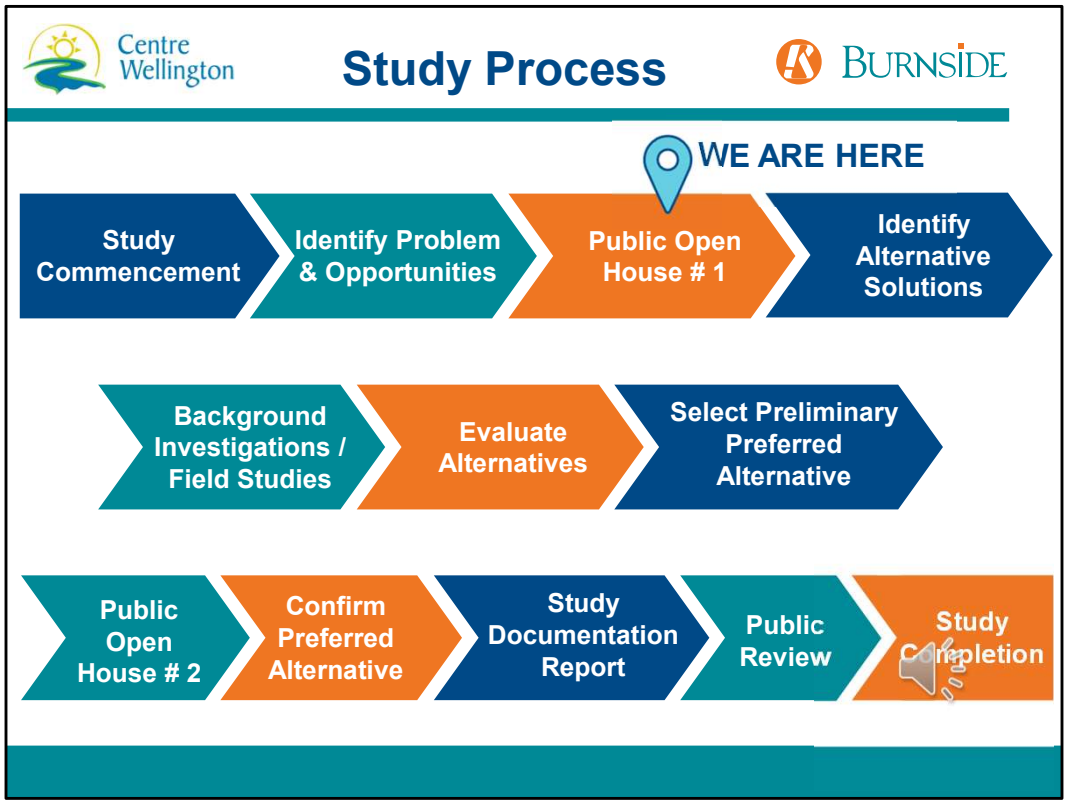
As part of the study, the role of each structure within the overall transportation

network will be evaluated. The study will look at how the closures of bridges have or may impact cross-community travel times, emergency service response and connectivity to the surrounding communities.

A series of investigations of the existing conditions and future development plans will be conducted in order to allow for each site to be assessed in a meaningful way to determine what opportunities may be available to be implemented at each location. These investigations will be elaborated on later in this presentation.

In addition to looking at the individual bridge sites, the study will also look at the Study Area as a whole, recognizing that the proximity of these structures produces a scenario where implementation of a certain strategy at one location may have an effect on what the preferred option will be at one or more of the other nearby sites.

The goal at the end of the Study is to have an informed decision made on the most suitable alternative for the Study Area as a whole, and what the preferred means of achieving this overall plan is on an individual site basis. These results will guide the Township's capital planning for the future of these bridges.



Shown on the screen here, is an overview of what the study process will look like. The project has already commenced, and the problem and opportunities of the study were just discussed on the previous slide.

We are here today to consult with the public to introduce this study and provide some background context on the study in hopes that those listening will provide their comments as it relates to the problems and opportunities to be addressed through this study. As will be seen later in this presentation, a series of preliminary alternatives has been identified and will be further reviewed following review of comments from this first public open house. The Project Team will then be completing several background investigations and field studies to gather data and will utilize that data when evaluating the alternatives and selecting the preliminary preferred options. Once a preliminary preferred option is selected, an additional open house will be held to share the findings of the evaluation and the preferred alternatives for each site. Comments from the 2nd open house will be reviewed and the preferred alternative will be confirmed or re-evaluated, if required. The findings of the study will then be documented in a report, which will be made available to the public for review and comment, prior to the study being officially completed.



We will now provide a brief overview of each of the Bridges in this study.

Bridge 2-WG is located on Third Line, approximately 330m north of Eramosa-Garafraxa Townline. The structure was constructed in 1921 and is now over 100 years old. The bridge is considered narrow, as the driving platform width between barriers does not meet current standards for a typical two-lane bridge.

The bridge is a reinforced concrete through-girder bridge. This means that the large 'barrier-like' concrete elements on each side of the bridge are actually the main load carrying elements of the structure. This type of structure is generally no longer constructed, as it is considered a non-redundant structure – meaning that if one of the two girders failed (for reasons such as significant deterioration and/or vehicular impact), the entire structure spanning over the watercourse would collapse catastrophically.

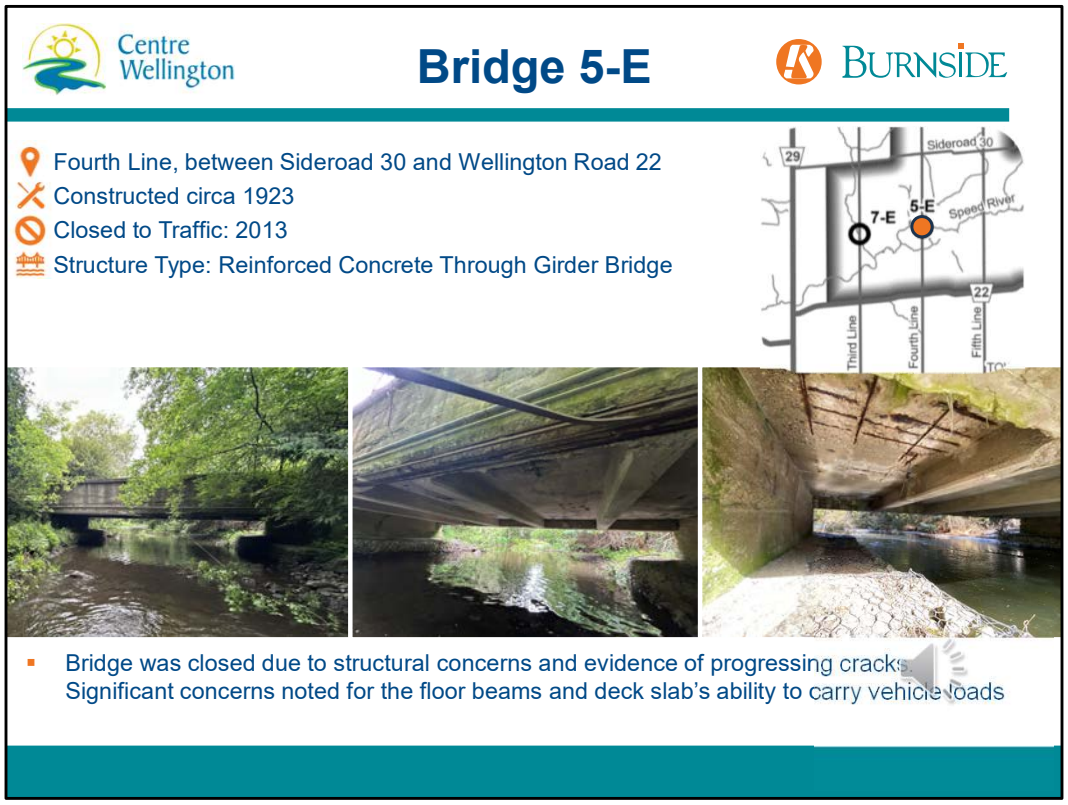
As can be seen on the photo on the right, the concrete in this structure is deteriorating due to its vintage and years of exposure to the elements. This photo shows that a significant amount of concrete has deteriorated, exposing the originally embedded reinforcing steel, which is now significantly corroded and not properly engaged by the surrounding concrete. These concerns in the main load carrying element of the bridge, along with the consideration that structures of this vintage were not designed for modern weight vehicles, has resulted in the structure having a

load limit of 15 tonnes imposed.



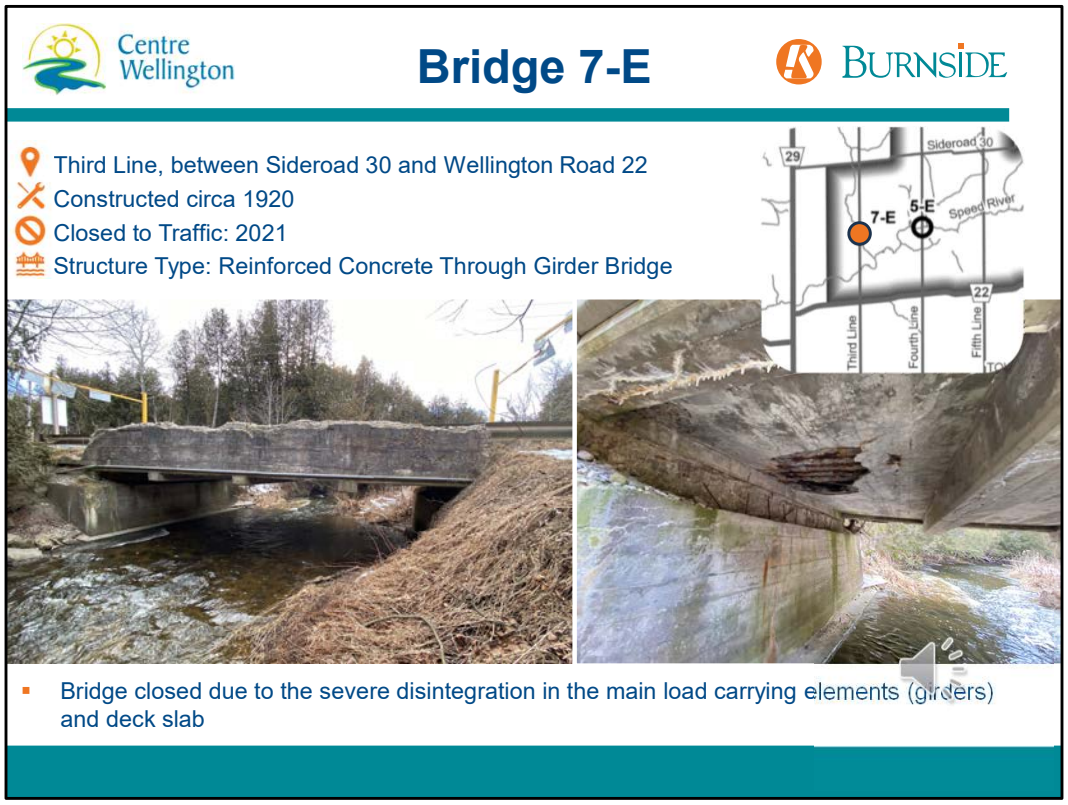
Bridge 3-E is located on Sixth Line, between Sideroad 30 and Wellington Road 22. This structure is a Concrete Bowstring Arch Truss, which was originally constructed in 1919.
While the concrete bowstring arch truss provides a more elegant and artistic means of providing structural capacity for a bridge crossing, it is also considered to be a non-redundant structure with the risk of catastrophic failure should one of the trusses fail. The bridge is also considered to be a narrow bridge capable of safely carrying one vehicle wide at a time.

The structure exhibits serious structural issues related to the advanced state of deterioration. Several structural elements of the truss have significantly disintegrated concrete with the originally embedded reinforcing steel exposed and corroded – as can be seen in the middle photo. The main deck exhibits signs of advanced deterioration, likely accelerated by the exposed concrete deck being exposed to years of salt laden water. The structure has been previously rehabilitated to extend the service life of the structure, as can be seen in the bottom right photo; however, the continued deterioration led to full closure to vehicular traffic in 2022, after 103 years of service life.



Bridge 5-E is another Reinforced Concrete Through Girder bridge, which is located on Fourth Line, between sideroad 30 and Wellington Road 22. Similar to Bridge 2-WG, this structure is considered a narrow and non-redundant bridge.

Bridge 5-E was constructed in 1923 and closed 90 years later, in 2013. The closure was recommended following multiple inspections of the structure that indicated progressing cracks and significant concerns of the structures capacity to carry vehicle loads due to the severe deterioration of the floor beams and deck slab. Some of these deficiencies can be seen in the photos in the middle and right side of the screen.



Bridge 7-E is yet another Reinforced Concrete Through Girder Bridge. This bridge is located on Third Line, between Sideroad 30 and Wellington Road 22.

The bridge was constructed in 1920 and was in service for 101 years, prior to it being closed to traffic in 2021. As visible in the photos shown here, the concrete on this structure is severely disintegrated in several locations. The main girders have lost a large portion of their cross-section due to this continued deterioration and have a significantly decreased capacity. Additionally, there are large areas of concrete loss on the underside of the bridge deck and at the location where the bridge deck is supported on the abutments.



For the purpose of discussions and promoting conversation as part of the public open house, this slide presents the preliminary list of alternative solutions to be considered for each of the individual bridge sites. I will provide some preliminary comments related to considerations for each option; however, each of these alternatives will be investigated in greater detail as the study progresses.

The alternatives are as follows:

Alternative 1, the 'Do Nothing' option, would involve taking no action and leaving the existing structures in their current state, allowing them to continue you deteriorate. This option poses the risk of continued negative impacts to the underlying watercourse as the rust-laden water seeping through the structures and the falling debris from concrete disintegration continue to be deposited into the watercourse. There is also the risk associated with eventual failure of the structure as a whole, which would have significant environmental impacts. This option would, however, be considered to retain the most cultural and heritage value by not disturbing the existing infrastructure.

Alternative 2 is the Permanent Removal of the Structure. This would result in there no longer being a watercourse crossing at the location of the bridge. This would reduce the previously discussed concerns related to the environment by conducting the removal in a controlled manner with appropriate environmental mitigation. The

area could be graded to allow for turn-arounds and to re-naturalize the watercourse.

Alternative 3 is the Rehabilitation of the Existing Structure. Rehabilitation would involve repairing the existing bridges to extend the service life of the structure and increase the load carrying capacity, without changing the overall structure to a significant extent. This option would maintain any cultural or heritage value, but would not allow for improvements to the structure to meet current design and safety standards. Although this option will be considered, preliminary review of some of the structures indicate that they have likely reached a condition where it would not be economically feasible to complete rehabilitation and it is anticipated that the structures would have to remain significantly load limited even if a significant rehabilitation were to be undertaken. Unfortunately, with the structure types of all four bridges, the ability to widen the existing structures is restricted as well.

The final alternative, Alternative 4, is Replacement of the structure. This would involve fully removing the existing structure and replacing it with a new bridge in the same location. A replacement option consisting of a two-lane structure with no load restrictions, designed to meet all current standards will be considered at each site. Considerations will also be given to the required level of service for each structure and, if determined appropriate, the option of a low-volume bridge with limited load carrying capacity or limited single lane width may also be considered.

It is important to note that the undertaking of this study DOES NOT mean that replacement of ANY or ALL of these structures will be the preferred solution. Similarly, it DOES NOT mean that the preferred solution for ANY or ALL of these structures will be removal. The purpose of this study is to evaluate all potential solutions and select based on a qualitative and quantitative analysis.

As previously mentioned, the study will also look at a wholesome approach for the overall area in recognition that the alternative selected in one location may impact the decisions of how to proceed at another site. As such, the study will include a series of evaluations to gauge what impacts the multiple scenarios of the different number and combinations of closed bridges will affect the overall transportation network of the area.



To evaluate each of the alternatives, they will be scored quantitatively and qualitatively against a series of criteria related to the Technical, Natural, Social, Cultural and Economic Environments.

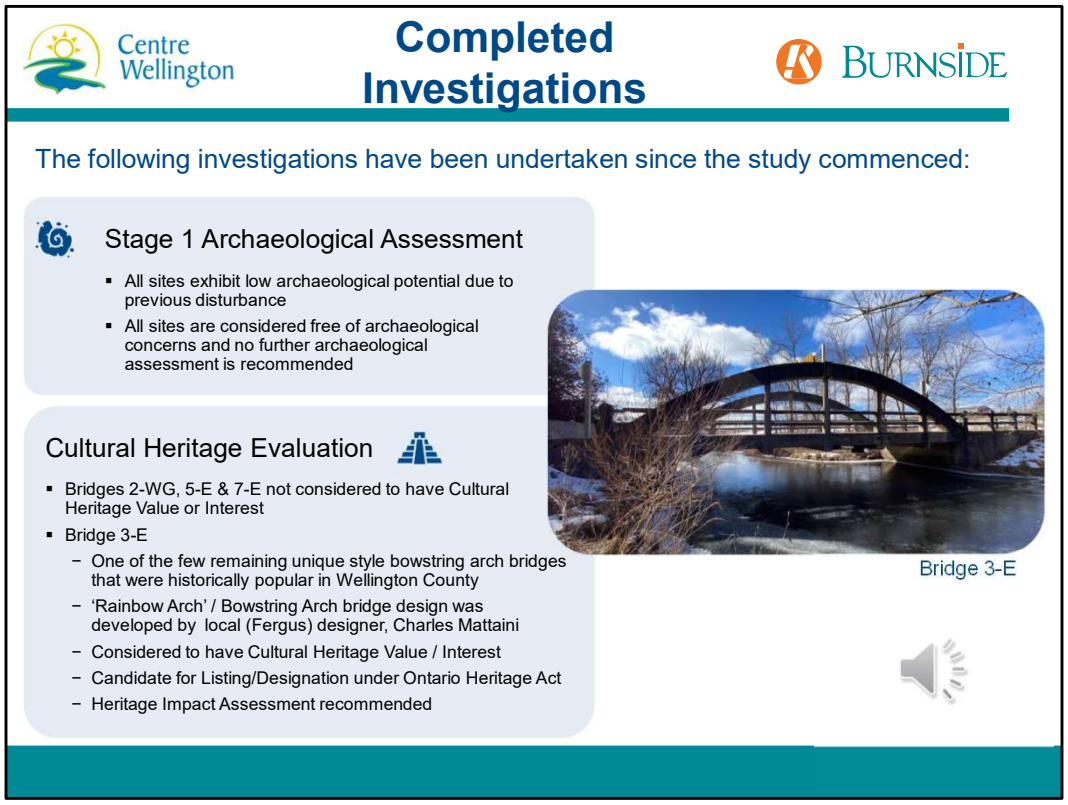
The Technical Environment will consider aspects such as how the transportation network is affected, what capacity the structure can provide in terms of vehicle and farm equipment widths and loads, the ability of the structure to pass watercourse flows and reduce the risk of flooding, and whether current design standards for geometry, sightlines and roadside safety can be met.

The Natural environment criteria will be weighed based on how the alternatives will impact natural areas surrounding the bridges. This includes impacts to areas such as bird, fish and other wildlife habitats, especially in the case where species at risk are identified, and other environmentally sensitive areas such as wetlands. The areas of impact will be evaluated based on anticipated construction activities and limits of disturbance of each alternative. The extent of impacts, and the ability to mitigate such impacts or provide enhancements to the natural environment will help determine the rating of the alternative.

The Social and Cultural Environment includes consideration of how each alternative will impact the people and the history of the study area. This includes how the local community, users of the roadways and bridges, farming, businesses and other

organizations within the study area are affected. It also includes the review of archeological potential in the area and consideration of what role the structures play on providing context to the built or cultural heritage of the area or community interests.

Additionally, the economic environment must also be considered. The evaluation of upfront capital and long-term maintenance cost of each option will be completed to help determine the cost-benefit ratio of each all solutions.



In order to properly evaluate the previously noted criteria, several studies have or will be conducted to allow an educated decision to be made.

Since this study has commenced, a Stage 1 Archaeological Assessment and a Cultural Heritage Evaluation have been completed.

The Stage 1 Archaeology Assessment is essentially a background study and visual review of the site to determine the level of potential that archaeological items of interest may exist in the areas that are to be disturbed as part of the works. The study determined that all areas within the local vicinity of the bridge are considered to have low archaeological potential, given that the areas have all been previously disturbed during the excavation work related to the original bridge construction. Given these findings, no further archaeological assessments are required at this time.

The Cultural Heritage Evaluation reviews each site against a set of criteria to determine if the bridges would be candidates for having Cultural Heritage Value or Interest. The study looks for structures that are rare or unique in design, craftsmanship or technical achievement or are associated with historic value of persons, events or the overall character of the community. Only Bridge 3E was found to have Cultural Heritage or Interest. Bridge 3E is a unique Bowstring Arch type bridge. This type of bridge was historically more prevalent in the Wellington County area; however, at current, there are few remaining. The 'Rainbow Arch' design was

developed by a local Architect, Charles Mattaini, who is a historically relevant designer and builder within Wellington County and surrounding areas; having designed and built many local bridge. As such, Bridge 3E is considered to have Cultural Heritage Value or Interest and a further Heritage Impact Assessment will be undertaken to review the impacts of the heritage features of the bridge associated with each alternative.



In addition to those studies already complete, the investigations shown here will be undertaken over the coming months as the study progresses.

As just mentioned, a Heritage Impact Assessment will be completed to determine strategies for documenting, conserving or providing sympathetic design elements of the heritage attributes of Bridge 3E.

A team will also visit each site to complete an assessment of the terrestrial and aquatic ecology, completing tasks such as inventories of trees, review of fish species and wildlife presence, and identification of potential habitats and species of interest or species at risk.

Public consultation will continue throughout the project and involves two public open houses (including this one), publication of study related material online at Centre Wellington's ConnectCW web page and ongoing discussions with stakeholders through direct contact where requested.

The structures will be further assessed for condition and feasibility of design options for rehabilitation and replacements.

A review of the existing structures and proposed replacement alternative's capacity to convey watercourse flows during rainfall will also be conducted.

And, last but not least, a transportation connectivity study will be undertaken to assess the impacts on cross-community connectivity and emergency response times associated with the current or permanent closures of structures.



Now that we have provided you with the background information and findings of studies to date, you may be wondering about the timelines and next-steps for this study.

First and foremost, public consultation is a very important aspect of this study. As part of this first public open house, we would like to hear from the community to aid our team in defining the problems and opportunities that the local stakeholders would like to see addressed as part of this study. So, I ask that, at the end of this presentation, you provide the Project Team with your comments related to what impacts the bridge opening or permanent closure would have on your life, property, business, etc. and to let us know of any specific interests, preferences or recommendations you have for the team to consider when evaluating the options, or any other comments you feel should be considered.

In the coming months of the summer, the team will continue to complete field studies and gather information to complete the previously discussed evaluation of the alternatives. It is anticipated that all relevant data will be collected and the alternatives evaluated by early fall. Once the preliminary preferred alternative has been selected, Public Open House # 2 will be held in the fall to share the results of the evaluation and the preliminary preferred alternative to the public. The team will then consider comments, re-evaluate or confirm the preferred alternative and work to have a study documentation report prepared towards the end of 2024. A review

period will be provided for the public, which is anticipated to extend into early 2025, at which point the study will be considered complete.



As mentioned, we encourage you to provide any comments related to these structures that you would like the Project Team to consider during the evaluation of options for these bridges.
There are a few options available for you to provide comments.
Firstly, the Township's ConnectCW webpage for this project, which can be found at the link in the bottom of the slide, has a 'Questions' portal where comments or questions can be submitted. This ConnectCW page will also be kept up to date with project information throughout the study.
You may also contact the Township's representative, Adam Dickieson, or myself, from Burnside by phone, email, or mail using the information provided on this slide.
We look forward to receiving your comments and working with the community to determine the preferred solution for the future of these bridges.

Once again, thank you for your time to review this presentation and provide your comments to the Project Team.

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix E

Comment Sheets

Centre Wellington

Public Open House #1
Bridge and Transportation Network Study for Four Bridges (2-WG, 3-E, 5-E, 7-E)

BURNSIDE

Comment Sheet

Public Open House

July 24, 2024
6:00 p.m. – 8:00 p.m.

Centre Wellington Community Sportsplex – Gord Brown Hall

Name: [redacted]

Address: [redacted]

Postal Code: [redacted]

Phone: [redacted]

Email: [redacted]

Comments/Questions/Suggestions (additional space on second page):

I live closest / am most impacted by Bridge 5E.
I prefer the bridge not re-open to vehicular traffic. I'm concerned it would be used as a 'speedy' alternative to 27th or 5th, straight up from the 401, & drastically increase the volume of cars on Sideroad 30.

Sideroad 30 already has a continuous issue with potholes & ruts & washouts (ie up closer to 27), I believe, due to a poor sub base. Increased vehicle traffic, as evidenced by the temp closure of the 5th line will only exacerbate the problem more.

In addition, both Sideroad 30 & 4/5th line

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Public Open House #1
Bridge and Transportation Network Study for Four Bridges (2-WG, 3-E, 5-E, 7-E)

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have become popular routes for walkers, bikers & horseback riders. Pedestrian / horse safety may also be an issue if traffic volume (& speed) increase.

[redacted]

Please complete this Comment Sheet and submit to one of the Study Team member below on or before **August 23rd, 2024**.

Your input and comments are appreciated.

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Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square
Elora, ON, N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
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Guelph ON N1H 1C4
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BURNSIDE

Comment Sheet

Public Open House

July 24, 2024
6:00 p.m. – 8:00 p.m.

Centre Wellington Community Sportsplex – Gord Brown Hall

Name: [redacted]

Address:

Postal Code:

Phone:

Email:

Comments/Questions/Suggestions (additional space on second page):

2012 Bridge Out Too long.

Neighbours on North Side of Bridge Cut Off From Waste Down Trying To Operate Farm (Need Help) No Bridge To Get Too Them

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Comment Sheet

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July 24, 2024
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Centre Wellington Community Sportsplex – Gord Brown Hall

Name: [redacted]

Address: [redacted]

Postal Code: [redacted]

Phone: [redacted]

Email: [redacted]

Comments/Questions/Suggestions (additional space on second page):

7E effect hydro response to 130 customers due to the trees coming across 22 and up 3rd line feeding customers on 3rd line, 30 sideroad, townline & 4th line.

5E has a double circuit 44kV connection between Fergus and Rockwood.

All the bridges effect emergency services even more after you closed the Fifth line bridge as well.

Everyone has been patient for the last 12yrs waiting our turn but as soon as you start studying closure everyone sees RED

Why where no councilors or Engineering Coordinator not here

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BURNSIDE

Comment Sheet

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July 24, 2024
6:00 p.m. – 8:00 p.m.

Centre Wellington Community Sportsplex – Gord Brown Hall

Name: [redacted]

Address:

Postal Code

Phone:

Email:

Comments/Questions/Suggestions (additional space on second page):

I believe the township has a Moral obligation to maintain the Bridges

For Safety – Fire & Ambulance

For School Busses + Garbage + township Graders + Plows

- Mostly for the Farmers who have to drive many extra miles the cost of Fuel & Time in busy Seasons.

ones

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Bridge and Transportation Network Study for Four Bridges (2-WG, 3-E, 5-E, 7-E)

BURNSIDE

We pay a levie Fee and do not get any compensation for the cost & inconvinence of extra time & Fuel.

our Forfatheas built the Bridges we need to maintain them.

Use Prefab Decks
Large Culverts

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6:00 p.m. – 8:00 p.m.

Centre Wellington Community Sportsplex – Gord Brown Hall

Name: [redacted]

Address: [redacted]

Postal Code [redacted]

Phone: [redacted]

Email: [redacted]

Comments/Questions/Suggestions (additional space on second page):

- I WORKED FOR ROYAL CITY AMBULANCE FOR ~20 YRS - DID MANY RESPONSES THAT WOULD HAVE HAD POTENTIAL DELAYS DUE TO THIS MANY BRIDGE CLOSURES

- I LIVE ON THE TOWNLINE AND HAVE PUT UP WITH MANY BRIDGE CLOSURES OVER THE YEARS BUT WHEN THEY CLOSED THE ROCKWOOD RD THIS YEAR WITH THE 3 ADJACENT LINES ALSO CLOSED, THAT WAS ~~NORTH~~ POOR PLANNING. RESPONSE VEHICLES COMING UP FROM ROCKWOOD HAVE TO MAKE SIGNIFICANT DETOURS TO GET TO THE MIDDLE OF THE STUDY AREA (WHERE WE LIVE).

- School BUSES + MAIL DELIVERY ARE ALSO AFFECTED.

IF YOU HAVE TO CLOSE 1 PERMANENTLY, WE COULD PROBABLY

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LIVE WITH THAT, BUT PLEASE FIX THE REST. - THEY DON'T NEED TO BE BRIDGES - HIGH CAPACITY CULVERTS CAN EASILY ACCOMODATE THE FLOW WE GET IN OUR CREEKS.

THANK YOU FOR THE OPPORTUNITY TO COMMENT.

Please complete this Comment Sheet and submit to one of the Study Team member below on or before **August 23rd, 2024**.

Your input and comments are appreciated.

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July 24, 2024
6:00 p.m. – 8:00 p.m.

Centre Wellington Community Sportsplex – Gord Brown Hall

[redacted]

Comments/Questions/Suggestions (additional space on second page):

My neighbor to the south had an ambulance come but they didnt recognize bridge closed and went to both side and saw bridge closed and had to go all the way around. The neighbor fortunately survived. ~~but perhaps~~ Bridge needs to be re-constructed.

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July 24, 2024
6:00 p.m. – 8:00 p.m.

Centre Wellington Community Sportsplex – Gord Brown Hall

Name [redacted]

Address [redacted]

Postal Code [redacted]

Phone [redacted]

Email [redacted]

Comments/Questions/Suggestions (additional space on second page):

BRIDGE 2-WG OVER THE CREEK SPLITS OUR FARM IN TWO PIECES. THE BRIDGE IS ESSENTIAL TO OUR FARMING OPERATION. CLOSURE OF THE BRIDGE WOULD INVOLVE A 10 KM DETOUR TO GET TO OUR SOUTHERN HALF OF OUR FARM.

WE AGREE WITH TEMPORARY BRIDGE CLOSURE WHILE REPLACEMENT IS MADE. WE ARE NOT IN FAVOUR OF PERMANENTLY CLOSING THE BRIDGE UNTIL IT IS REPLACED!

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BURNSIDE

Comment Sheet

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July 24, 2024
6:00 p.m. – 8:00 p.m.

Centre Wellington Community Sportsplex – Gord Brown Hall

[redacted]

Comments/Questions/Suggestions (additio

* One neighbour farms from his wheelchair. When he occasionally gets into a "problem situation", we have to go to the 2ND or 7th line to get to his farm, north of the bridge)

[redacted]

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Bridge and Transportation Network Study for Four Bridges (2-WG, 3-E, 5-E, 7-E)

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Concerns:

* our community is split - to visit a neighbour on the other side of the bridge, we have to go to the 2ND or 7TH line
* response times for EMR vehicles (fire ambulance) Insurance costs (house) because of distance from fire station, with the detours.
* safety of snow plough, grader, garbage truck, etc. There is no place at the bridge for them to turn around = they back up the hill to a driveway.
* farmers who rent land on the 4th have to go around to the 2ND or 7th to get to their land. Fuel costs are huge! Carbon tax.

Please complete this Comment Sheet and submit to one of the Study Team member below on or before **August 23rd, 2024**.
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Comment Sheet

Public Open House

July 24, 2024
6:00 p.m. – 8:00 p.m.

Centre Wellington Community Sportsplex – Gord Brown Hall

Name: [redacted]

Address:

Postal Code:

Phone:

Email:

Comments/Questions/Suggestions (additional space on second page):

3rd Line Bridge (7-E) → dam OK with it not being replaced BUT a pedestrian crossing suitable for bikes needs to be installed. Its a major recreation route - for people who walk + bike esp when trying to avoid the busy road of 22.

At least 1-2 bridges should be replaced / repaired to maintain connectivity. - its a huge pain to drive all the way around to get to a neighbour. [redacted]

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BURNSIDE

Also — if Bridges are going to be removed — signage needs to be installed indicating what 911-addresses are accessed from what side — So many people turning around b/c they guessed @ addresses - google maps out of date. Proper sign indicating dead end.

Please complete this Comment Sheet and submit to one of the Study Team member below on or before **August 23rd, 2024**.

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July 24, 2024
6:00 p.m. – 8:00 p.m.

Centre Wellington Community Sportsplex – Gord Brown Hall

[redacted]

Comments/Questions/Suggestions (additio

(1) Some of these small bridges could be replaced with large culverts

(2) Not fixing these bridges makes it hard for farmers to get from one farm to another

(3) Fire + ambulance services get into problems in emergency calls

(4) Municipal government was brought into being in order to have roads + bridges WHAT HAPPEND?

(5) My family has lived on the 6th line of Eramosa for over 150 yrs there has always been a Shiloh bridge →

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Bridge and Transportation Network Study for Four Bridges (2-WG, 3-E, 5-E, 7-E)

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I guess the pioneers had more guts + brains than people have today.

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Comment Sheet

Public Open House

July 24, 2024
6:00 p.m. – 8:00 p.m.

Centre Wellington Community Sportsplex – Gord Brown Hall

Name

Address

Postal Code

Phone

Email

[redacted]

Comments/Questions/Suggestions (additional space on reverse page)

We moved to this location in June 2020, after the bridge was closed so I don't know anything different. I commute to Guelph with no issue. Most of my neighbours (S north of bridge) are either retired or self employed. I personally enjoy the low traffic due to the bridge closure. My concerns is the increased traffic due to bridge closures on 5, 4 & 3. People are using google maps and trying to go from 30 to 22. At least 2-3 vehicles every few hours (I walk my dogs). try and speed back due to what appears to be frustration. On July 4TH I saw an EMS vehicle try and had to turn around. We've had people stop and ask directions. Better signage (aka more visible) would be helpful. Not sure if county can do anything w/ google maps. We've tried as have several of our neighbours. Appreciate need to replace 6TH Line bridge but it is not a priority

good signs but hidden by trees

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Centre Wellington

Public Open House #1
Bridge and Transportation Network Study for Four Bridges (2-WG, 3-E, 5-E, 7-E)

BURNSIDE

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Your input and comments are appreciated.

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Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square
Elora, ON, N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
292 Speedvale Ave. W. Unit #20
Guelph ON N1H 1C4
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BURNSIDE

Comment Sheet

Public Open House

July 24, 2024
6:00 p.m. – 8:00 p.m.

Centre Wellington Community Sportsplex – Gord Brown Hall

Name

Address

Postal Cod

Phone

Emai

[redacted]

Comments/Questions/Suggestions (additional space on second page):

THIS BRIDGE CLOSURE HAS DIVIDED THE NEIGHBOURHOOD & NOW THIS PROCESS IS FURTHER DIVIDING THE AREA DUE TO SPECIAL INTEREST GROUPS OF HORSE BACK RIDERS, BIKING USED AS A TRAIL & THOSE WHO LIKE THE REDUCED TRAFFIC FLOW BECAUSE THEY LIVE CLOSE TO THE CLOSED BRIDGE.

- INCREASED TRAFFIC FLOW FOR THOSE WHO LIVE AWAY FROM THE CLOSURE & WITH THEIR FRUSTRATION WHEN THEY CAN'T ACCESS THEIR DESTINATION

ITS BEEN 11 YEARS WITH LOW INTEREST RATES, THIS BRIDGE COULD HAVE BEEN REPLACED QUITE EASY.

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BURNSIDE

- EMERGENCY VEHICLES ACCESS RESTRICTED
- NOW WE HAVE 4 BRIDGES OUT. VERY POOR PLANNING
- MUNICIPAL VEHICLES SPENDING SO MUCH TIME COMMING IN FROM BOTH ENDS. MONEY SAVED COULD HAVE PAID FOR A BRIDGE
- I AGREED TO A FEW SOME YEARS AGO TO GET INFRASTRUCTURE CAUGHT UP, THAT WAS A VERY BAD DECISION ON MY PART BECAUSE NOTHING WAS ACCOMPLISHED
- TOTAL DISRUPTION FOR FARM OPERATIONS
- SCHOOL BUS OPERATIONS HAVE BEEN DISRUPTED & CREATED A SAFETY HAZARD
- THE 4 ONE BRIDGE WAS ORIGINALLY BUILT IN THE 1920 DATE WHEN SENIOR WERE HARD TO FIND
- $200,000 TO CONDUCT THIS STUDY INSTEAD OF GOING TOWARDS BRIDGES
- VERY POOR COMMUNICATIONS FROM THE TOWNSHIP
- CONTACTED THE RESPONSIBLE FOR BRIDGES WITHOUT RETURN MESSAGE

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Comment Sheet

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Centre Wellington Community Sportsplex – Gord Brown Hall

Name

Address

Postal Cod

Phone

Email

[redacted]

Comments/Questions/Suggestions (additional space on second page):

2-WG

- Please do not close bridge.
- high traffic for farmers -
- safer travel to go across town line than 18
- Culvert would potentially be simpler -
- often used as detour with accidents on 18 or 4th line.
-

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[redacted]

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Centre Wellington Community Sportsplex – Gord Brown Hall

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Email

Comments/Questions/Suggestions (additional space on second page):

1) Do you have data on traffic flow on roads with bridge closure?

2) Does CW have schedule of road maintenance on sideroad 30? (Pre bridge closures + since bridge closures)

3) Has road maintenance been ~~extra~~ enhanced on sideroad 30 since bridges have been closed?

4) Has there been consideration of increased traffic flow on sideroad 30? This is a poorly maintained road and usage has increased significantly - but NO appearance of increased maintenance ☹ What metrics are used to determine need?

- Garafraxa Townline road is now paved, traffic has not increased on that road →

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BURNSIDE

but sideroad 30 remains a dirt road
* What criteria is used to determine whether a road is paved or left to deteriorate?

5) If the region continues to provide subpar services rural residents will continue to leave.

There needs to be a balanced approach to this issue. It cannot be an "all or nothing" approach.

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Centre Wellington Community Sportsplex – Gord Brown Hall

[redacted]

Comments/Questions/Suggestions (additional space on second page):

- BRIDGE needs to STAY OPEN
- dividing FARM PROPERTY if CLOSED.
- CULVERT WOULD WORK

THANKS

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6:00 p.m. – 8:00 p.m.

Centre Wellington Community Sportsplex – Gord Brown Hall

[redacted]

Comments/Questions/Suggestions (additional space on second page):

Re Bridge 7E

1) Keep bridge open for non-vehicular Traffic (ie bicycling, walking, horseback ATV) - do This sooner Than later as bridge is currently impassable.

2) sign 3rd Line is ~~as~~ Dead end / No Exit and addresses available

3) Assess Risk of existing design of Bridge over Speed River on 3rd Line with Todays standards (ie what is risk of event study 4 dwelling better bridges.

4) ~~Assess~~ Do Turnarounds - No public Turn around on North side. South side is small for articulated vehicles.

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Name:	
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BURNSIDE

7E - Better signage on Country Rd 22. ~~with~~ to say bridge closed.
Post fire numbers that are available.
- turnaround on the north side of the bridge. so private lane is not used.

Please fix the bridge.

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Centre Wellington Community Sportsplex – Gord Brown Hall

[redacted]

Comments/Questions/Suggestions (additional space on second page):

The third line bridge is very benificial to our road community and farming neighbors. If the bridge needs to be replaced a wider bridge for the large farm equipment would be a big recomendation. Seems as all the bridges are being closed in Eramosa township now Garafraxa people will need to travel a distance further at a time when environmental impacts from vehicles are high. Please keep our bridges open and improve them for the feture for our community. Thank you.

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Centre Wellington Community Sportsplex – Gord Brown Hall

[redacted]

Comments/Questions/Suggestions (addit

concering bidge on the 4th line.
its been closed for about 13 years.
why open it we have been used to it
closed. - There are lots of ~~us~~ who
can ride safely down, walk our
dogs - bike down it with no fear
of being hit. Its a great trail.
if you fix the 3rd line - 5 line
and the 6 line, leave this one
alone - We have lived hear for
40 yrs now and don't miss the
bridge at all. Its a perfectly safe
road with out it.

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Thanks for listening, It probaly means nothing to you but my opinion should count.

[redacted]

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Centre Wellington Community Sportsplex – Gord Brown Hall

[redacted]

Comments/Questions/Suggestions (additio

Questions:

→ Will Ambulance / Fire / Police be able to find our home if there's a emergency?

→ Snow removal & garbage. P/U & School Bus Pick/up time & drop off. have been effected. Will this continue to be a Problem?

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BURNSIDE

Comments:

→ Hard to replace 2 mail boxes due to traffic turning around, & having school buses out from missing driveway turning around.

→ I will have to take ~~select~~ ~~that~~. City Rd. 26 & 29 will be the roads that I will need to take to Head N on S ~~work~~

- ~~Wellington~~ Hoping to replace Bridge on Fourth 5-E.

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[redacted]

Comments/Questions/Suggestions (additio

THE 4TH LINE BRIDGE NEEDS TO BE FIXED.

11 YEARS WITHOUT A BRIDGE IS TOO LONG

LETS NOT WASTE ANY MORE TAX DOLLARS ON STUDYS.

[redacted]

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BURNSIDE

- EMERGENCY ~~[illegible]~~ ACCESS REDUCED
- SCHOOL BUS TURN AROUND WHEN CLOSED BRIDGE
- ~~[illegible]~~ IT ADD EXTRA HOUR A WEEK. COMMUTE TO WORK
- PAVE ROADS
- FARMERS NEED TO DRIVE EXTRA AROUND BRIDGES
- ~~[illegible]~~ NO COMPENSATION FOR LACK OF PLANNING OVER 10 YEAR BRIDGES BEING OUT
-

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Guelph ON N1H 1C4
705-797-4310
andrew.dawson@rjburnside.com

Information will be collected in accordance with the *Municipal Freedom of Information and Protection of Privacy Act*. Except for personal information (e.g., name, address, phone number), all comments will become part of the public record that is available to the general public.
Project information will be made available in an alternative format upon request in accordance with the *Accessibility Standard for Information and Communication under the Accessibility for Ontarians with Disabilities Act, 2005*. If you have accessibility requirements in order to participate, please contact one of the project team members listed above.

Centre Wellington

Public Open House #1
Bridge and Transportation Network Study for Four Bridges (2-WG, 3-E, 5-E, 7-E)

BURNSIDE

Comment Sheet

Public Open House

July 24, 2024
6:00 p.m. – 8:00 p.m.

Centre Wellington Community Sportsplex – Gord Brown Hall

[redacted]

Comments/Questions/Suggestions (additional space on second page):

pave both sides of road

reduce speed

signs for homes (slow down children & pets live here.

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Centre Wellington

Public Open House #1
Bridge and Transportation Network Study for Four Bridges (2-WG, 3-E, 5-E, 7-E)

BURNSIDE

Please complete this Comment Sheet and submit to one of the Study Team member below on or before **August 23rd, 2024**.

Your input and comments are appreciated.

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square
Elora, ON, N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
292 Speedvale Ave. W. Unit #20
Guelph ON N1H 1C4
705-797-4310
andrew.dawson@rjburnside.com

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Project information will be made available in an alternative format upon request in accordance with the *Accessibility Standard for Information and Communication under the Accessibility for Ontarians with Disabilities Act, 2005*. If you have accessibility requirements in order to participate, please contact one of the project team members listed above.

Crystal Ferguson

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Monday, June 24, 2024 1:59 PM
To: [redacted]
Cc: Andrew Dawson; Tricia Radburn
Subject: Bridge & Transportation Network Study for Four Bridges in former Eramosa and West Garafraxa Township : Study Initiation - Heritage CW
Attachments: IS2024-26_FINAL.pdf

[redacted]

As discussed this afternoon, please note that Infrastructure Services is taking on another study to determine the next steps to identify and evaluate alternative solutions to address the deteriorated condition of four Centre Wellington bridges. The attached report was part of the June 10th, 2024 Council meeting agenda. This attached report provides additional details regarding the study area and the locations of the existing structures.

Next steps in the study that may interest the Heritage Centre Wellington include, completing a Cultural Heritage Evaluation Report (CHER) followed by preparing a Heritage Impact Assessment (HIA) study of those bridges found to have cultural heritage significance. These studies will be completed consecutively with the HIA anticipated to be completed this fall.

Also note that some of these bridges are found in the Arch, Truss & Beam – The Grand River Watershed Heritage Bridge Inventory, March 2013.

We will provide a project update to you and Heritage Centre Wellington with findings from the HIA this fall when it has been completed. Let me know if there is any additional information I can provide regarding this study at this time. This is a link to the https://www.connectcw.ca/bridge-transportation-network-study-four-bridges project page that will be updated as new information is prepared.

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Crystal Ferguson

From: Mishaal Rizwan
Sent: Friday, July 12, 2024 5:03 PM
Cc: Andrew Dawson; adickieson@centrewellington.ca
Subject: Township of Centre Wellington Notice of Public Open House Bridge and Transportation Network Study for Four Bridges
Attachments: 058117_Notice of POH (1).pdf

Good afternoon,

On behalf of the Township of Centre Wellington, please find attached the Notice of Public Open House for the Bridge and Transportation Network Study for Four Bridges.

If you have any questions, please contact one of the project team members:

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
705-797-4310
andrew.dawson@rjburnside.com

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Thank you.

****

Crystal Ferguson

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Wednesday, July 17, 2024 11:48 AM
To: [redacted]
Cc: shawnw@wellington.ca; Andrew Dawson; Crystal Ferguson; Tricia Radburn
Subject: RE: Bridge Closure - 4 Bridge Study (2024)

[redacted]

Thank you for providing your comments and concerns. With regard to the Bridge and Transportation Network Study for Four Bridges, the options of closed permanently, rehabilitation, and full replacement are always presented. Through the course of the study, transportation, economic, structural/technical, natural environment and social & cultural environments are all considered. Through analysis of these five evaluation factors the appropriate alternative will be selected of each of the four bridges in this study.

If your schedule allows, I will would like to have a opportunity to meet and discuss further at the upcoming 4 Bridge Study public meeting July 24 2024, 6:00 pm – 8:00 pm at the Centre Wellington Community Sportsplex - Gord Brown Hall, 550 Belsyde Avenue East, Fergus.

Regards,
Adam.

Information will be collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: [redacted]
Sent: Tuesday, July 16, 2024 4:03 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>; shawnw@wellington.ca
Subject: Bridge Closure

[redacted]

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,
I am rather concerned about the notice I have received from R.J. Burnside & Associates Limited, regarding the study of 4 bridges in my area. I live at [redacted] and one of the bridges up for discussion is on my road. I am highly disturbed by the study to determine whether or not the bridge(s) should be - permanently closed - how is that even on the list?! Fergus is touted as a wonderful rural community, and yet the accessibility to this rural community is nearly impossible! The closing of bridges has gotten to an unbelievable level. There is already scheduled construction on Wellington Road 18, at county road 29, and second line, and wellington 26. And Now you wish to close the other end of my road. Making the detour into Fergus ridiculous! I have family that lives on the north side of the lake, and you have already closed a bridge on their road, causing us to have to drive another 5 minutes to their home. What should be a 10 minute drive will be taking over half an hour with all this construction and closures. For a community set on being green energy, more thought needs to be placed on the bridges. Our time is also valuable. The cost also increases for us in fuel. And prices at the pump make it nearly impossible for us to even afford the drive to access groceries and healthcare.

I can understand that the planning and maintenance of a county full of bridges must be difficult. But there has to be a better way. Permanently closing a bridge should never be the option. Budgeting needs to be reevaluated, and money set aside to properly maintain and repair these bridges, so closure can be avoided. I feel very strongly that no money should have been spent on building a bike lane on one small stretch of downtown area, and that money should have been allocated to a bridge instead. It also should not take decades before a bridge is finally repaired or rebuilt. This community is built on its farmers and rural habitants, just as much as it is on those who live and work in town. Its time now to allow those who are on the outskirts and easier way to access this town we all love.

I look forward to hearing from you,

[redacted]

Crystal Ferguson

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Tuesday, July 23, 2024 4:13 PM
To: [redacted]
Cc: Andrew Dawson; Crystal Ferguson; Tricia Radburn
Subject: 4 line old eramosa township - 4 Bridge and Transportation Study

Dear Resident,

Sorry it seems that your original message was written in the subject line and was partly cut off as follows:

"Response 4 line old eramosa township. I have talked to you and others many times over the years with very little satisfaction. Administration blame the politicians and politicians say they take the recommendations from staff. Some years back I agreed w…"

If your concern has something to do with the state of the bridges in the area of Fourth Line (former Eramosa Township), there is a public meeting planned for tomorrow night at the Fergus Sportsplex. This meeting will allow the Township to present information to local residents as to how the technical, natural, social & cultural, and economic environments will all be considered in determining the next steps in dealing with four bridges your area. This meeting that will provide also residents an opportunity to provide comments and open discussion about these bridges.

Tomorrow's Meeting details:
Date & Time: July 24 2024, 6:00 pm – 8:00 pm
Location: Centre Wellington Community Sportsplex - Gord Brown Hall, 550 Belsyde Avenue East, Fergus

If you are unable to make it to the meeting, please provide additional details (phone or email) that will assist in making informed decisions as the preferred alternatives for these structures.

Additional project information can be found here:
Bridge & Transportation Network Study for Four Bridges | Connect CW

Regards,
Adam.

Information will be collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: [redacted]
Sent: Tuesday, July 23, 2024 3:34 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Subject: Re: Automatic reply: Response 4 line old eramosa township. I have talked to you and others many times over the years with very little satisfaction. Administration blame the politicians and politicians say they take the recommendations from staff. Some ...

[redacted]

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You didn't reply so I am assuming you have more important items to deal with!

On Jul 11, 2024 5:41 p.m., Adam Dickieson <ADickieson@centrewellington.ca> wrote:

> ***I am out of the office on July 5 to July 15 and unable to respond effectively during this time. I will review your message following my return on July 16.***
>
> ***Note that during this period I will have limited access to email.***
>
> ***If you have a Road Occupancy Permit, or Municipal Consent that requires approval, note that I will provide reviews when I return. If the permit request is urgent, please email Roads Permits roadspermits@centrewellington.ca for permit review.***
>
> ***If you need immediate assistance, contact 519-846-9691 ext.905. Thank you for your understanding.***

Crystal Ferguson

From: [redacted]
Sent: Wednesday, July 24, 2024 8:50 AM
To: adickieson@centrewellington.ca; Andrew Dawson
Subject: Bridge & Transportation Network Study - Fergus

Good Morning Adam and Andrew

My name is [redacted] and I am a resident on Third Line in Fergus. I am also the representative for our road and area regarding Bridge 2-WG.

I am a professional engineer, specializing in Asset Management and Infrastructure Planning.

Is it possible to have the last five (5) OSIM or similar reports for the four (4) bridges in question? I would also like to know if CW have been following the recommended inspection schedule as well. Three (3) of the bridges have been out of commission for a while. Can you provide how long these bridges have been out of service?

For the reports that were completed, I will be able to see the recommendations from the consultant, are you able to provide proof these recommendations were completed?

To be 100% honest, we are not interested nor will we be entertaining a bridge closure for our road. This bridge is required for our road in regards to farming equipment, school buses, emergency vehicles and our livelihoods.

I look forward to your reply and meeting you both tonight. .

I did send an email last week with no response however there was an issue with Cogeco and I am not sure everything went through as I thought it did.

--
Thanks
[redacted]

Crystal Ferguson

From: Andrew Dawson
Sent: Monday, July 29, 2024 1:08 PM
To: [redacted]
Cc: Tricia Radburn; Crystal Ferguson; Mishaal Rizwan; Adam Dickieson
Subject: RE: Comments on Bridge 7-E

[redacted]

My name is Andrew Dawson. I am the project manager with R.J. Burnside & Associates Ltd., who are the consultants working with the Township on this study. Adam Dickieson passed along your email below, which I will be responding to on behalf of the Project Team.

Firstly, Thank-you for your comments related to Bridge 7-E and the Four Bridges study. Your comments and preferences will be documented as part of this study and will be considered during the evaluation of the alternatives.

We also greatly appreciate your history of the water levels during flooding. As part of the study, a hydraulic analysis will be completed to determine whether the current structure meets requirements and/or which size structure would be needed if replacement were to be selected as the preferred option. Local knowledge such as yours is a good way to review the validity of the hydraulic models against what has actually happened in the past.

In regards to the current barriers and sign placements, the Township will handle looking into this for the short term conditions, but it will also be taking into consideration during the EA for closure options. It is my understanding that the Township has had some internal discussions relating to these items since hearing these concerns expressed during the Public Open House.

We will keep you on our mailing list for further notices regarding this project. You may also visit the Township's project specific webpage at https://www.connectcw.ca/bridge-transportation-network-study-four-bridges , which will provide status updates and project documents as they become available.

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: [redacted]
Sent: Wednesday, July 24, 2024 8:21 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Subject: Comments on Bridge 7-E

You don't often get email from larryleisti1@gmail.com. Learn why this is important

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Adam,

Thank you for the Public Open House for the 4 bridges, as a resident living south of bridge 7-E, I would like to first comment that the closure of the bridge has had minimal impact on my travels and has certainly reduced traffic on our road. I will express a concern about the placement of the guard rails blocking the bridge since the restrictive access to pedestrians and cyclist may result in injury to those attempting to cross the bridge and since the township would like to promote exercise, perhaps something could be done to make them less inconvenient. In regards to water flow past the bridge, I remember a number of years ago was the first time I have seen water flow over the road south of the bridge, I believe it was during the spring thaw. My neighbour expressed some concern over Smeltzer bridge which I believe replaced 2 bridges around 1979, on whether it has enough capacity to handle the expected increase in short term rainfall, to date, I have only seen one event where the river overflowed enough to flow through the forest on my property other than during the spring thaw and have never seen the river come close to reaching the road. I agree with my neighbours that a better sign could be used near County Rd 22, to indicate which properties can be accessed and perhaps that it is the 2nd bridge that is closed, not the one you can see from the sign location.

Thank you
[redacted]

Crystal Ferguson

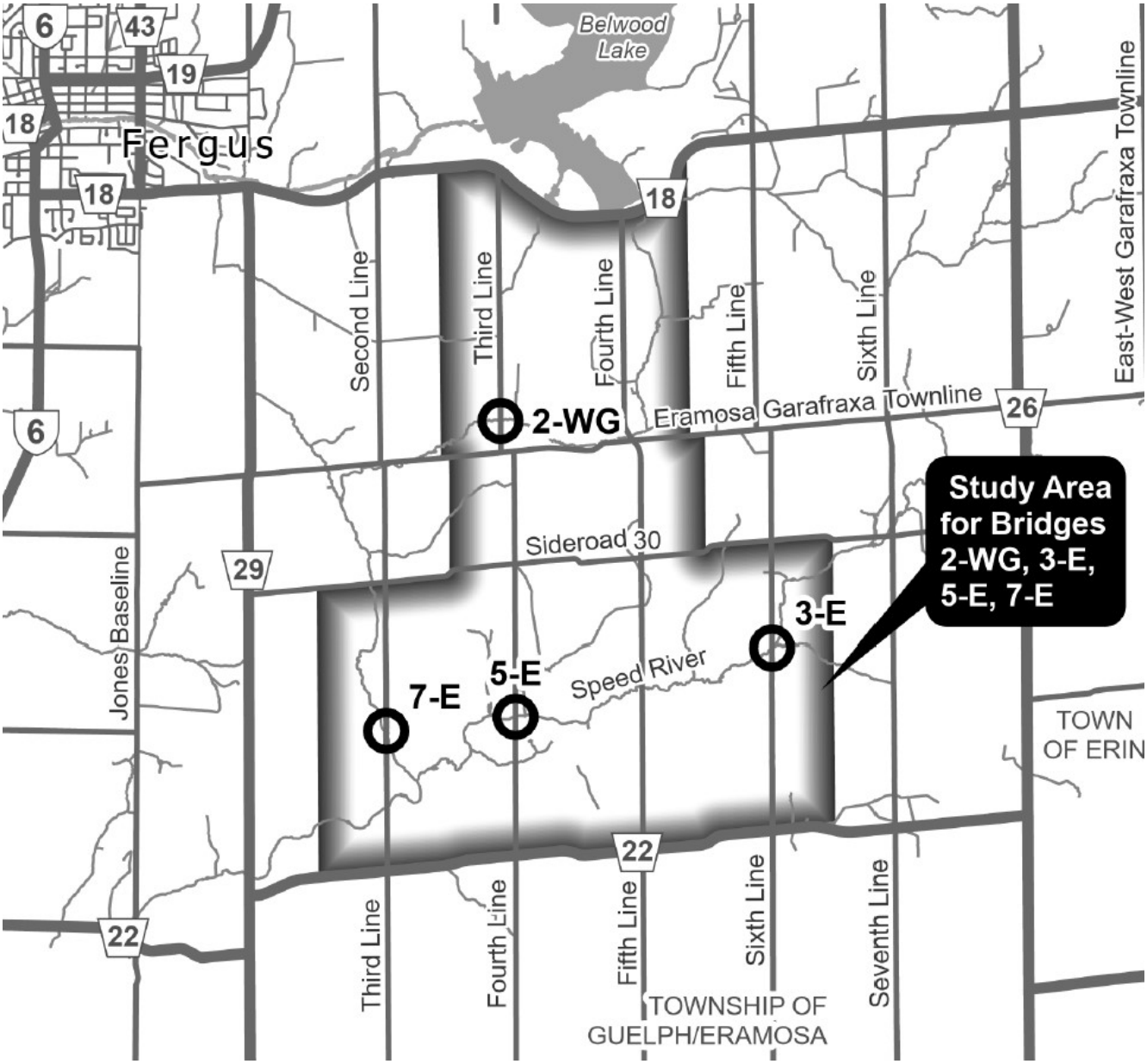
From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Monday, July 29, 2024 9:38 AM
To: [redacted]
Cc: Andrew Dawson
Subject: Bridge Study - Third Line Bridge (7-E) - Agricultural Use
Attachments: Bridges_Map_Feb_2024.pdf

[redacted]

Thank you for the call this morning. When you mention near misses with traffic while transporting materials and equipment while hauling with tractor, this is cause for concern.

As I mentioned, the Township of Centre Wellington is in the midst of a study to determine the next steps in with four bridges in the area of former Eramosa Township (within Centre Wellington). If you can provide comments and concerns to do with the four bridge crossings in the study area it would be appreciated and will become part of the study evaluation.

My understanding from your call this morning is bridge 7-E on the Third Line is the bridge that you would like to see reopened to improved haul distance and safety.



Attached is a map of Centre Wellingtons bridge network for your reference.

This a link to a webpage that has additional information about the bridge study. [Bridge & Transportation Network Study for Four Bridges | Connect CW]

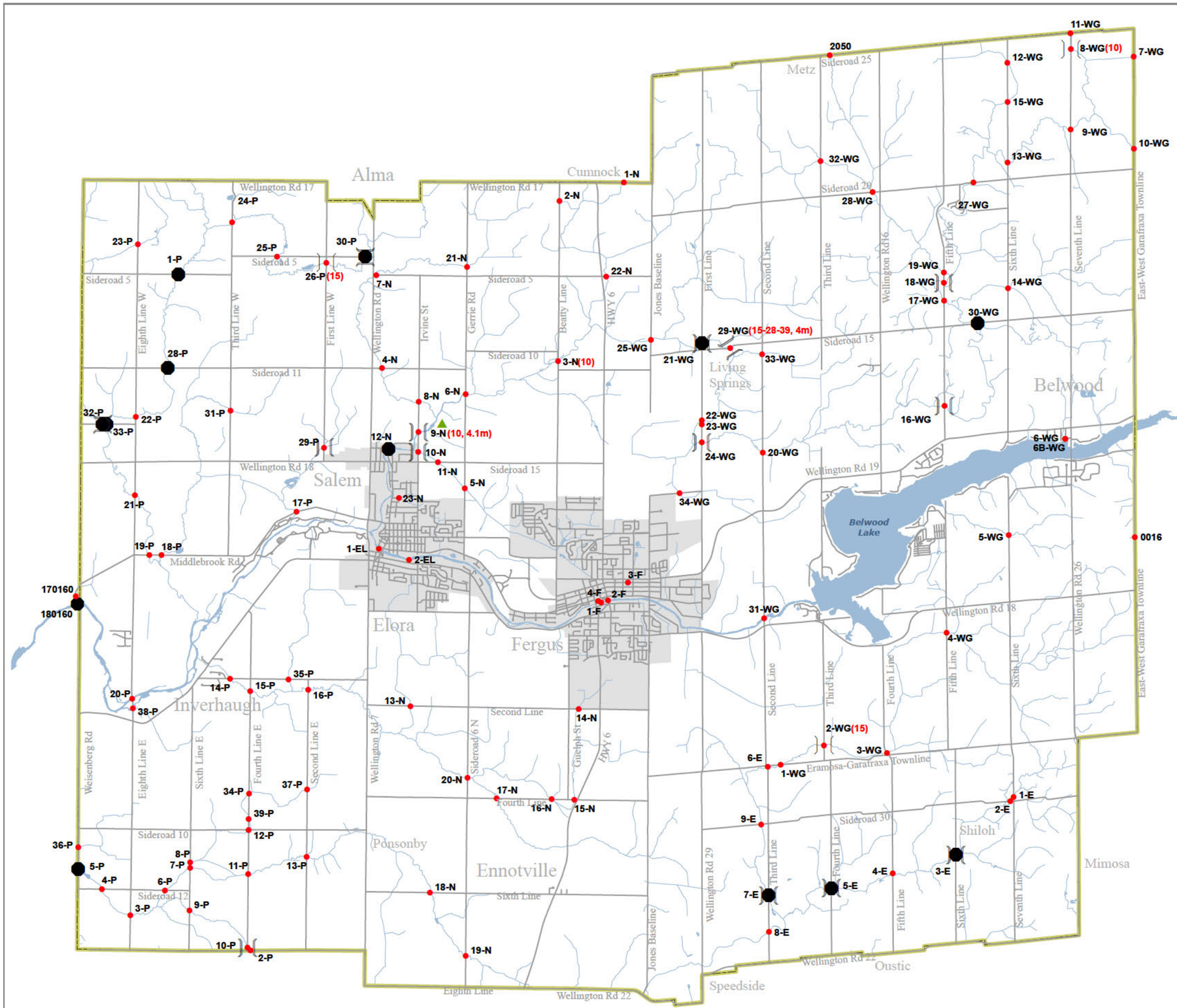
Contact me directly if you have any additional questions.

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0



Bridge Number
Former Municipality Code

Bridge ID: 21-WG (10, 4m)
Load Limit (tonnes)
Height Limit (metres)

Structure Condition

- Open (99)
- Closed (12)
- Load Restricted (5)
- Height Restricted (2)
- Designated Heritage
- Narrow Structure
- Narrow Structure With One Lane Only

Neighbouring Municipality Structures Shown:

0016	Township of East Garafraxa
2050	Township of Wellington North
170160	Township of Woolwich
180160	Township of Woolwich

2024 Centre Wellington Structure Locations & Condition

Updated: February, 2024

© 2023 The Township of Centre Wellington

1:85,000

0 1 2 4 km

Crystal Ferguson

From: Andrew Dawson
Sent: Monday, July 29, 2024 3:56 PM
To: [redacted]
Cc: adickieson@centrewellington.ca; Mishaal Rizwan; Crystal Ferguson; Tricia Radburn; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E
Subject: RE: Township of Centre Wellington Notice of Public Open House Bridge and Transportation Network Study for Four Bridges

Good Afternoon [redacted],

Thank you for sending along your comments and questions. I will be providing responses on behalf of the Township and our Project Team. My comments are provided below in blue. If you have any further questions or comments following review of these responses, please do not hesitate to reach out to the team again.

1. Can the Township provide rationale that would typically warrant a permanent closure of a bridge? Has a permanent closure been undertaken in the Township in the past? If a permanent closure was selected as the preferred alternative, would the existing bridge remain in place? I am in favour of permanently closing Bridge 3-E.

   The option for permanent closure will be evaluated against replacement and other alternatives using a series of criteria related to the technical (transportation network and structural), the social, cultural, natural, and economic environments. Candidates for closure would be those structures where the benefits of closure outweigh any negative impacts. Generally speaking, the closure of such structures wouldn't result in significant impacts to cross-community connectivity and emergency response services. This can occur in areas with small detours and low population or average daily vehicle use. The only bridges in Centre Wellington that have been recommended for permanent closure and removal are Bridge 1-P and 30-P (in former Pilkington township) and boundary road bridge 180160 on Middlebrook Place (i.e. three total). A study very similar to this one was used to determine that permanent closure of Bridge 1-P and 30-P did not result in significant impacts. The Middlebrook Place bridge will be removed as it is a public safety concern as it was condemned.

   Your preference for closure of Bridge 3-E will be documented in the study report and considered during the evaluation of the alternatives.

2. If the preferred alternative is to replace the existing bridge, would the results of this study identify the span arrangement? If so, would a single lane bridge be considered as part of the evaluation?

   Yes, the study will involve a review of the site (topography, flow rates of watercourse, alignment of watercourse, etc.) to identify a preliminary conceptual design of the replacement bridge. Several bridge types and sizes will be considered. Where the study identifies that the level of service for this structure may warrant the use of a 'low volume bridge' of single-lane or reduced load capacity, such alternatives will be considered during the review of the replacement alternative.

3. Are any operational, safety or maintenance roadway improvements being considered as part of this study?

   This structure is predominantly focused on the location of the bridges themselves and will not consider improvements to the entire length of roadway. However, the approaches to the bridge (usually 100-200m each side of bridge) will typically be included as part of the bridge study. The preliminary geometric design

will look at improvements to lane and shoulder widths, sight lines, roadside safety measures (guard rail), etc.

4. Please provide details and the objective of the transportation network study.

   The Transportation Network study will evaluate the role of the structures on the overall connectivity within the community. This will include considerations such as travel distances and timelines, looking at several origin and destinations to capture the impacts that closure vs opening the bridges would have at each site. Emergency service response timelines and impacts to local industry transportation and farming services will also be considered as part of the study.

5. Please provide the factor specific weighting anticipated to be used for the preferred alternative evaluation process. Is there an opportunity to review and comment on this aspect before it is implemented?

   The specific weighting of each 'criteria' will be developed by the Project Team based on consultation with the Township and comments received from the community related to their areas of increased interests. A sensitivity analysis is also typically performed, where a series of scenarios with different weightings are ran, and the impact on the preferred alternatives is reviewed for each scenario. The following are the four 'Environments' that will be considered in the evaluation matrix:

   1. Technical Environment (Transportation, Hydraulics, Bridge Capacity, Safety Standards etc.)
   2. Natural Environment (Protection of Trees, Wildlife habitats, species of interest, etc.)
   3. Social & Cultural Environments (Cultural Heritage, Archaeology, Impacts to businesses, community preferences, etc.)
   4. Economic Environment (Upfront Capital Cost, Operation and Maintenance Costs)

   The evaluation of these criteria will be presented during the next Public Open House, at which point the community will be provided an opportunity to review and comment further. Finally, prior to the preferred alternative being implemented, there will be a report compiled outlining all the background information used, and the evaluation matrix results, which will be posted to provide the public opportunity for formal review and comment.

6. Please consider removing the vehicle turnaround on the north side of Bridge 3-E.

   A means to turn around large vehicles at both end of the bridge is required when the bridge is closed in order that snowplowing and other operations can continue.

7. Would the Township be able to provide a copy of the Bridge 3-E Heritage Impact Assessment (HIA) Report for review once complete?

   All project files such as HIA will be put on the Connect CW webpage as they become finalized. It is anticipated that the HIA report will become available in mid-August. The ConnectCW webpage can be found here and will be being updated as work progresses. https://www.connectcw.ca/bridge-transportation-network-study-four-bridges

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: [redacted]
Sent: Thursday, July 25, 2024 7:54 AM
To: Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>; adickieson@centrewellington.ca
Subject: Re: Township of Centre Wellington Notice of Public Open House Bridge and Transportation Network Study for Four Bridges

Good morning,

Thank you for hosting the PIC yesterday evening.

I have the following questions regarding this study:

1. Can the Township provide rationale that would typically warrant a permanent closure of a bridge? Has a permanent closure been undertaken in the Township in the past? If a permanent closure was selected as the preferred alternative, would the existing bridge remain in place? I am in favour of permanently closing Bridge 3-E.
2. If the preferred alternative is to replace the existing bridge, would the results of this study identify the span arrangement? If so, would a single lane bridge be considered as part of the evaluation?
3. Are any operational, safety or maintenance roadway improvements being considered as part of this study?
4. Please provide details and the objective of the transportation network study.
5. Please provide the factor specific weighting anticipated to be used for the preferred alternative evaluation process. Is there an opportunity to review and comment on this aspect before it is implemented?
6. Please consider removing the vehicle turnaround on the north side of Bridge 3-E.
7. Would the Township be able to provide a copy of the Bridge 3-E Heritage Impact Assessment (HIA) Report for review once complete?

Thank you,
[redacted]

On Fri, Jul 12, 2024 at 5:03 PM Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com> wrote:

> Good afternoon,
>
> On behalf of the Township of Centre Wellington, please find attached the Notice of Public Open House for the Bridge and Transportation Network Study for Four Bridges.
>
> If you have any questions, please contact one of the project team members:

Adam Dickieson

Engineering Services Coordinator

Township of Centre Wellington

1 MacDonald Square, Elora, ON N0B 1S0

519-846-9691 x 355

adickieson@centrewellington.ca

Andrew Dawson, P. Eng.

Consultant Project Manager

R.J. Burnside & Associates Ltd.

292 Speedvale Ave W. #20, Guelph, ON N1H 1C4

705-797-4310

andrew.dawson@rjburnside.com

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Thank you.

****

Crystal Ferguson

From: Andrew Dawson
Sent: Monday, July 29, 2024 3:58 PM
To: [redacted]
Cc: adickieson@centrewellington.ca; Crystal Ferguson; Mishaal Rizwan; Tricia Radburn; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E
Subject: RE: Project 3000058117.0000

[redacted]

We are sorry you were unable to attend the Public Open House, but we greatly appreciate you providing your comments. The Township has just posted a virtual, narrated version of the information from the Public Open House online at their ConnectCW project page (https://www.connectcw.ca/bridge-transportation-network-study-four-bridges). If you are interested in further details on the project, please feel free to review that information, as well as other project information that will become available online as our work progresses.

Your comments regarding Bridge 3E and your noted preference of bridge closure will be documented as part of the project report and will be considered during our evaluation of the alternatives. As part of the study, we will be evaluating the cost-benefit of completing work at each of the sites. The study will consider the upfront capital costs and the long term maintenance costs, as well as the population served when analyzing the preferred alternative.

We will keep you on our mailing list for further notices regarding this project. You may also visit the Township's project specific webpage (linked above) or reach out to myself or Adam at any time for further updates.

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

-----Original Message-----
From: [redacted]
Sent: Friday, July 26, 2024 11:04 PM
To: adickieson@centrewellington.ca; Andrew Dawson <Andrew.Dawson@rjburnside.com>
Subject: Project 3000058117.0000

Unfortunately I was unable to attend the July 24th meeting. I live on Sixth Line, just south of Bridge 3E. There are fifteen homes on our road between 22 and 30th. With a proposed budget, in today's dollars, of approximately $1.3 million, plus ongoing maintenance, I think the township could better spend that money elsewhere. That's essentially $100,000 per home. It makes no sense to replace the bridge when one can simply use 5th or 7th line. Kind of a First World Problem. I'd imagine if you were to survey the 15 homes about whether to fix/replace or close the bridge permanently, you'd find the majority would prefer the bridge closed. Everyone has gotten used to the minor inconvenience. An insane amount of money to invest in a few minutes of time saved driving somewhere.
Please include me on future mailings or updates.
Thx.

[redacted]

Crystal Ferguson

From: [redacted]
Sent: Friday, August 02, 2024 10:00 AM
To: Adam Dickieson
Subject: Closed Bridges

[redacted]

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Adam. [redacted] here. I concur with [redacted] concerns.
Who do we discuss this major concern with?
[redacted]

Adam

I would like to address the safety concerns I have with all the bridges closed. The bridges I'm referring to are the 3rd, 4th and now 5th line this is making it dangerous for us farmers travel county road 29 instead of less traveled road. With Fergus growing in population and roads getting high volumes of traffic. Not sure how many cars to farm equipment accidents it takes to have an impact on this, but a car hit a tractor on 29 turning in his own driveway from the back and rolled the tractor. Does it take someone to get killed before this is an issue.

The government keeps talking about carbon pollution people must drive further to go around. We could get to the fields before in 15min is now 30min every load of hay. Maybe we don't look at the emission impact closing bridges has on the environment. If we knew the bridges were getting rough before they were closed why do, we not start the studies then. We pay tax on fuel that is to help rebuild our roads so where is all this money going. If we can't fix roads then why does centre wellington need more land for a sports complex if people can't use the roads to get there.

I would like to hear a time frame on when these bridges will be opened to make everyone's life safer.

Thanks [redacted]

Crystal Ferguson

From: [redacted]
Sent: Wednesday, August 07, 2024 12:20 PM
To: Andrew Dawson
Cc: ADickieson@centrewellington.ca; Tricia Radburn; Mishaal Rizwan; Crystal Ferguson; [redacted]
Subject: RE: ALL BRIDGES OUT

Hi Andrew I read the email and appreciate the response.

One question. When will this happen? There is no dates tied to the response. Its been years and years. Lots of chatter and no shovels in the ground with no plans from what I read here. Study dates and work to be done? Don't understand why there is so much bureaucracy tied to a bridge. Ill bet there was no where near the decision, studies etc. done when the bridges went in originally. In fact, if you read last weeks Wellington advertiser, You will see a bridge in Puslinch has just been re-constructed. Not sure why they can move a whole lot quicker. They are part of Wellington county as well. So as far as I can see from below, there is nothing happening at this time unless I'm missing something. (future options of each bridge) Has the future options been completed?
Not very confident that there will be any thing done in the near or further future.
A little disappointed I must say. Tax payers money not going to good use as usual

Thank you
[redacted]

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: August 7, 2024 11:24 AM
To: [redacted]
Cc: Adam Dickieson (Centre Wellington) <ADickieson@centrewellington.ca>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>
Subject: RE: ALL BRIDGES OUT

[redacted]

My name is Andrew Dawson, I am with R.J. Burnside & Associates Limited, and we are working with the Township as the consulting engineers on this study.

Firstly, Thank-you for reaching out regarding your comments and concerns related to the four bridges study. Adam has passed along your emails as we will be the ones tracking and documenting all comments for the project summary report. Adam and I have discussed your concerns and I will be responding on behalf of the project team.

There were a couple of different emails received, including one received by Adam D. on August 2nd from [redacted] which included further comments from [redacted] within the body of the email. To consolidate your emails into one email chain, I have added that email (attached) into the text of the original email chain below. Although all emails have come from [redacted], we have included [redacted] in this response as his comments were received through [redacted]. If [redacted] would like to be removed from this email chain moving forward, please feel free to let us

know. Moving forward, if we could please keep all email correspondence within this one email thread, it would be greatly appreciated!

I'd like to assure you that your concerns are recognized and that your comments will be documented as part of the study and considered during the evaluation of the potential alternatives of each site.

In hopes of giving you some comfort, we would like to let you know that this study includes a review of the exact impacts that you have identified in your comments. As part of the study, the implications of bridge closures on emergency services, farming equipment and day to day traffic will be analyzed as part of a transportation study. The transportation study compares scenarios with bridges opened and closed and allows the travel time and distances for cross-community connection and emergency response teams to be quantified and those impacts evaluated when considering the future options of each bridge. The implications of pushing larger and slower traffic to higher speed/volume county roads is also recognized as part of this study, as the transportation study looks at what the alternative routes are under the scenario with bridges closed to traffic. The study will also review several alternatives for replacement structures, including 'large culverts', to determine a cost-effective replacement design that will meet the minimum design standards as regulated by legislation and conservation authorities. Although 'large culverts' can be a suitable option in many cases in general, this study will look at the site specific feasibility of both culvert and bridge options while considering other criteria that is required to be met such as flood prevention and road alignment and profile for sight lines and safety, and other considerations such as property and/or utility conflicts, in addition to costs.

I'd also like to let you know that this study is being conducted as part of a legislated process under Ontario's Environmental Assessment Act, which regulates that the Township provide consideration of impacts to the natural, social, cultural, built and economic environments when proposing to undertake a municipal project of this nature. The Township is undertaking this study not only to confirm which aspects of the Environmental Assessment Act are required under regulation, but also to ensure that they are making an educated decision on the future of their infrastructure which involves effective input from the community and traceable decision making which is available for public review and comment. This study will be documented throughout the process and summarized into a final report which will include records of all comments received and how they were considered in the decision making. All this information and the final report will be shared with Council, including the mayor and local councilor prior to the finalizing the decisions to be implemented.

We appreciate you taking the time to provide your comments on this study. If you have any further questions or comments, please feel free to send them to the Project Team.

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: [redacted]
Sent: Friday, August 02, 2024 10:00 AM
To: Adam Dickieson ADickieson@centrewellington.ca
Subject: Closed Bridges

[redacted]

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Adam, [redacted] here. I concur with [redacted] concerns.
Who do we discuss this major concern with?

[redacted]

Adam

I would like to address the safety concerns I have with all the bridges closed. The bridges I'm referring to are the 3rd, 4th and now 5th line this is making it dangerous for us farmers travel county road 29 instead of less traveled road. With Fergus growing in population and roads getting high volumes of traffic. Not sure how many cars to farm equipment accidents it takes to have an impact on this, but a car hit a tractor on 29 turning in his own driveway from the back and rolled the tractor. Does it take someone to get killed before this is an issue.

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I would like to hear a time frame on when these bridges will be opened to make everyone's life safer.

Thanks [redacted]

From: [redacted]
Sent: Tuesday, July 30, 2024 5:03 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Subject: ALL BRIDGES OUT

[redacted]

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Adam
[redacted] here [redacted]
I spoke with you in the past frustrated about the 3rd line , 4th line 6th lines being closed indefinitely
This must not continue. We burn additional fuel in our farming equipment having to go around the country to access precious crops and get work done
Bigger concern is the safety of our community members and our selves having to travel north from the 20th side road north passed 22 with slow moving vehicles which are larger than common cars and trucks.
This HI way 29 is far too busy and some one will be injured or killed as a result of closed bridges. It is only when some one is killed or injured that will get the attention for repair or replace
Large culverts would take less than a week at a fraction of the cost to tax payers who's taxes are raised every year and yet nothing is done
Forget the study's and environment red tape which make nothing but delays, bureaucracy and nothing is ever done. 10 years on the third?? Really same on others
and now the 5th under construction
First responders not able to get to where they need to go in a timely fashion is also a huge problem. I know the bridge out signs are out there but still doesn't matter. Last year a car went off the bridge headed north on the 4th line. The Fergus fire department were called and could not reach the vehicle from the south. Fortunately the occupants were injured not killed
I would appreciate you take my and others comments and concerns to you Bosses Boss and our Local PM Tedd Arnot along with the Mayor

A positive response or direction from some one would be appreciated
Thank you
[redacted]

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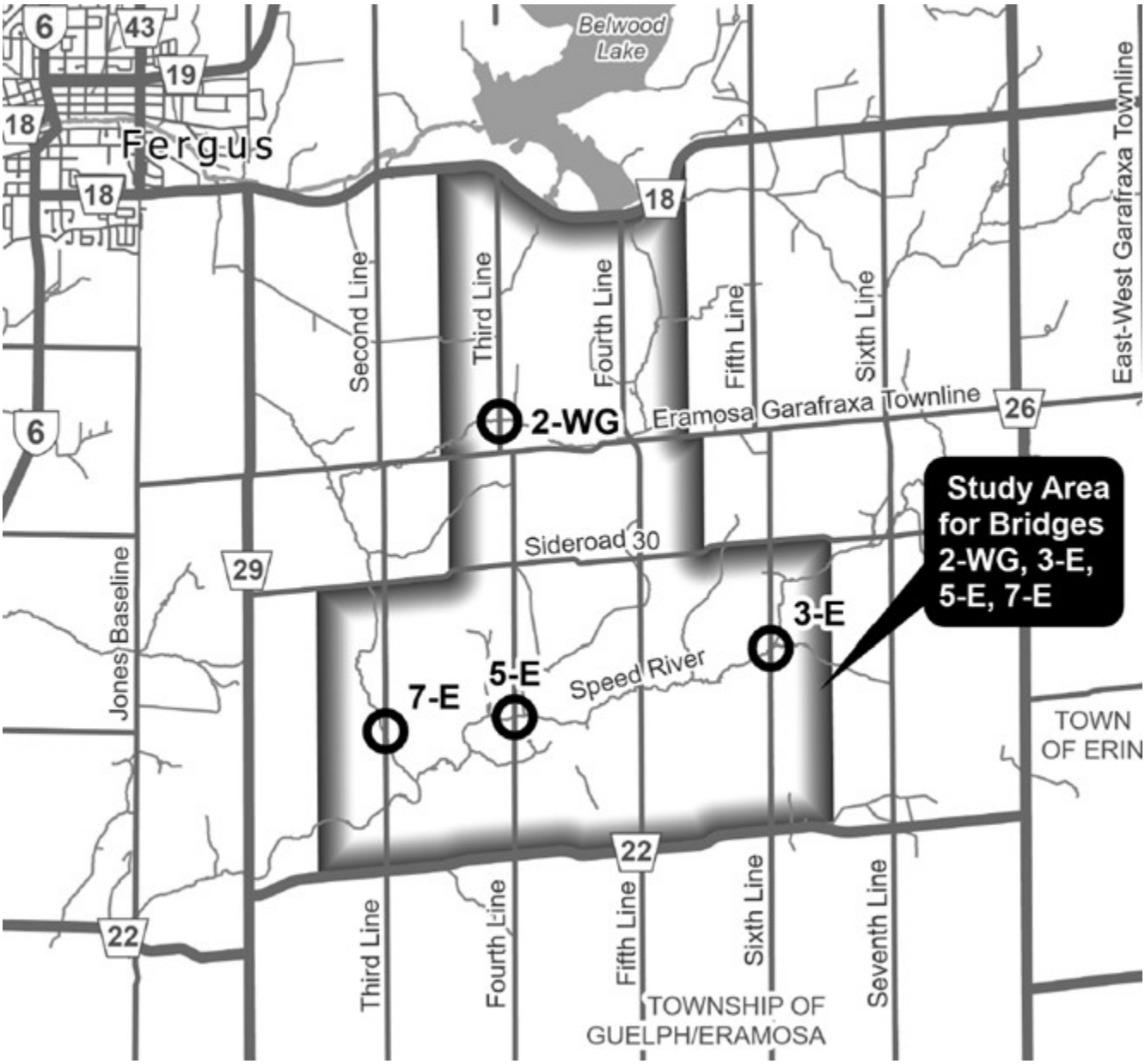
From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Monday, July 29, 2024 9:37:40 AM
To: [redacted]
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Subject: Bridge Study - Third Line Bridge (7-E) - Agricultural Use

[redacted]

Thank you for the call this morning. When you mention near misses with traffic while transporting materials and equipment while hauling with tractor, this is cause for concern.

As I mentioned, the Township of Centre Wellington is in the midst of a study to determine the next steps in with four bridges in the area of former Eramosa Township (within Centre Wellington). If you can provide comments and concerns to do with the four bridge crossings in the study area it would be appreciated and will become part of the study evaluation.

My understanding from your call this morning is bridge 7-E on the Third Line is the bridge that you would like to see reopened to improved haul distance and safety.



Attached is a map of Centre Wellingtons bridge network for your reference.

This a link to a webpage that has additional information about the bridge study. [Bridge & Transportation Network Study for Four Bridges | Connect CW]

Contact me directly if you have any additional questions.

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Crystal Ferguson

From: Andrew Dawson
Sent: Wednesday, August 07, 2024 4:38 PM
To: [redacted]
Cc: ADickieson@centrewellington.ca; Tricia Radburn; Mishaal Rizwan; Crystal Ferguson; [redacted]
Subject: RE: ALL BRIDGES OUT

[redacted]

This study is for evaluating options (remove, rehabilitate, replace) and determining the preferred solution for each bridge site. The final report outlining all recommendations is anticipated to be completed and ready for review by the end of this year and the study finalized in early 2025 . From there, the Township will use the results of the study to determine when the proposed solutions will be implemented as part of their overall Bridge Rebuilding Program. There are additional timelines related to the detailed design and permitting for the structures as well, as this study just looks at preliminary geometry.

As you may be aware, the Township has a Dedicated Capital Levy (DCL) which they use for bridge improvements within the Township. The DCL is a limited budget, but the Township has been successful in obtaining additional funding from the Ontario government in the past to supplement the DCL as well. Regardless, the Township only has a certain budget that they must work with to maintain and repair/replace their entire inventory of 111 structures. The Township reviews the budgets and where they will be allocating their spending on a yearly basis, at minimum. The 2024 *Bridges and Major Culverts 10-Year* Plan currently has the structures that are part of this study being replaced in 2029 and beyond [refer to 2024-budget-final.pdf (centrewellington.ca) page 152]. Each year a bridge structure's priority (probability of failure and consequence of failure), current condition, and funding limits will influence, and may reposition the year in which a replacement or rehabilitation are scheduled. The completion of this study will influence the Township's Bridges and Major Culverts priorities. Some further information about this process is available on the Township's ConnectCW page for their Bridge Rebuilding Program, here: https://www.connectcw.ca/bridge-rebuilding-program. The timeline for the proposed construction / work at each site will be reviewed and decided upon by the Township following the study as part of their Bridge Rebuilding Program and budgeting discussions.

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: [redacted]>
Sent: Wednesday, August 07, 2024 12:20 PM
To: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Cc: ADickieson@centrewellington.ca; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; [redacted]
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A little disappointed I must say. Tax payers money not going to good use as usual

Thank you
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From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
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Andrew Dawson
Project Engineer
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Office: +1 800-265-9662 Direct: +1 705-797-4310

[redacted]
Sent: Friday, August 02, 2024 10:00 AM
To: Adam Dickieson ADickieson@centrewellington.ca
Subject: Closed Bridges

[redacted]

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Adam. [redacted] here. I concur with [redacted] concerns.
Who do we discuss this major concern with?
[redacted]

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Sent: Tuesday, July 30, 2024 5:03 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Subject: ALL BRIDGES OUT

[redacted]

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Good morning Adam
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I would appreciate you take my and others comments and concerns to you Bosses Boss and our Local PM Tedd Arnot along with the Mayor

A positive response or direction from some one would be appreciated
Thank you
[redacted]

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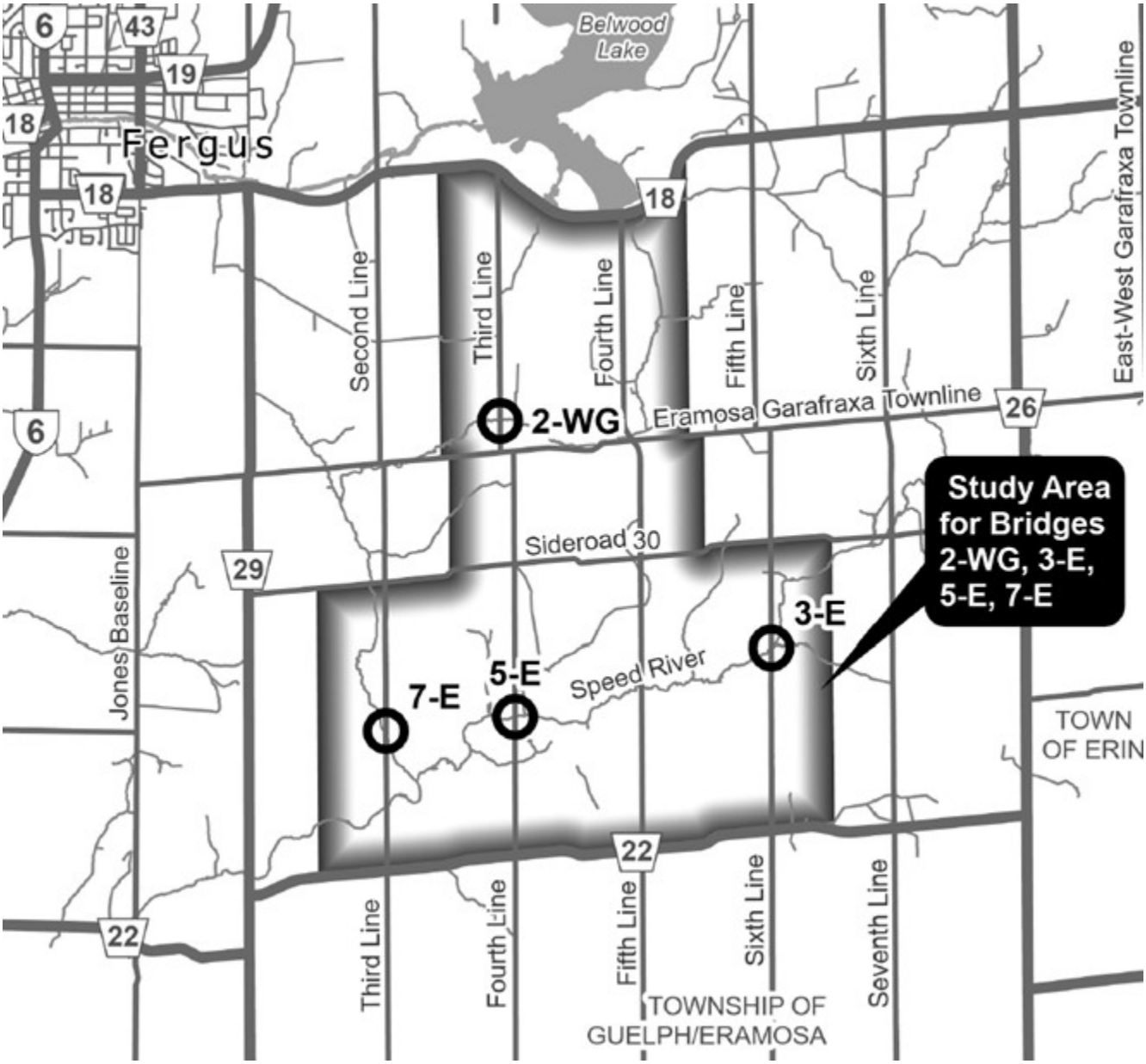
From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Monday, July 29, 2024 9:37:40 AM
To: [redacted]
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Subject: Bridge Study - Third Line Bridge (7-E) - Agricultural Use

[redacted]

Thank you for the call this morning. When you mention near misses with traffic while transporting materials and equipment while hauling with tractor, this is cause for concern.

As I mentioned, the Township of Centre Wellington is in the midst of a study to determine the next steps in with four bridges in the area of former Eramosa Township (within Centre Wellington). If you can provide comments and concerns to do with the four bridge crossings in the study area it would be appreciated and will become part of the study evaluation.

My understanding from your call this morning is bridge 7-E on the Third Line is the bridge that you would like to see reopened to improved haul distance and safety.



Attached is a map of Centre Wellingtons bridge network for your reference.

This a link to a webpage that has additional information about the bridge study. Bridge & Transportation Network Study for Four Bridges | Connect CW

Contact me directly if you have any additional questions.

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Crystal Ferguson

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Wednesday, August 07, 2024 8:33 AM
To: [redacted]
Cc: Mishaal Rizwan; Tricia Radburn; Crystal Ferguson; Andrew Dawson
Subject: 058117 - Bridge 2-WG (Third Line)_Carroll
Attachments: Bridge 2-WG (Third Line) Project_300058117_TCW.pdf; Bridge 2-WG (Third Line) Project_300058117_Carroll.pdf

[redacted]

Please find attached a letter of response to your July 24, 2024 letter attached. A copy has also been sent through Canada Post.

Contact me if you have any follow-up questions or comments.

Regards,
Adam.

Information will be collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

July 24, 2024

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square
Elora, ON N0B 1S0

Re: Bridge 2-WG (Third Line) Project No. 300058117.0000

Dear Adam

It is of great concern that closure of Bridge 2-WG is even an option in your review of the four existing bridges currently under study. Recognizing the growth in Centre Wellington, and the increased traffic on Country Rd 18, maintaining access along rural roads is essential.

Impact of closure would be dramatic and far reaching.

Farm owners / operators on Third Line who farm other properties need access to the Garafraxa Eramosa Townline for safe movement of equipment. Farm operators regularly have multiple daily trips, especially during planting and harvest. Closure of Bridge WG-2 would force this equipment onto Country Rd. 18, causing major safety issues for farmers and the general public.

Our farm [redacted] is bisected by the creek, with more than half of our arable acreage on the south side of the bridge. Access to that portion of land would require going "around the block" which in this case represents almost 10 Km and the corresponding increase in time. There would be no choice but travelling on Country Rd. 18. Furthermore, having a divided property would impact the value of our property, as access to the whole farm is restricted.

Currently 3 school buses cross the bridge, twice daily. Their routes are such that the majority of the turns to/from Country Rd 18 are right turns. This is particularly important at the Third Line, where the curves, trees and also the height of crops severely limit sight lines. Neighbours have experienced many near misses when trying to make a left turn on to Country Rd 18.

The stretch of County Rd. 18 from Second Line to Fourth Line seems to be prone to traffic accidents and closure. There have been a number of instances where all traffic has be re-routed down the Third Line because of an emergency road closure. This bypass route allows First Responders to work safely as they get County Rd 18 re-opened.

Access for Centre Wellington Township Vehicles (Garbage collection, snow plowing, road maintenance, etc) would all be impacted. Potentially emergency response vehicles could also be impacted by closure of the bridge. Finally, most residents of the Third Line cross the bridge daily on their way to work.

Those are a few of the reasons this bridge must be maintained. Closure is simply not acceptable.

We would ask that you come up with a plan for repair or replacement of Bridge 2-WG,and inform us of the time frame. Whether it is another concrete structure or a large culvert, this bridge is essential to our local community.

Sincerely,

[redacted]

[redacted]

copy: Andrew Dawson, P.Eng.
R.J. Burnside & Associates

Re: Bridge 2-WG (Third Line) Project No.300058117.0000

Dear [redacted]

I appreciate you both taking the time to come to the July 24, 2024 Public Open House held at the Fergus Sports Plex, Gord Brown Hall. I wanted to provide acknowledgement of your concerns from the letter you left for me that evening. I would also like to provide you with some of the study details as to how your concerns are appreciated.

Thank you for preparing written comments and concerns related to the four bridges study. Your comments will be documented as part of the study and considered during the evaluation of the potential alternatives for the 2-WG Bridge site. Your concerns are recognized. This study has been implemented so that the Township can examine the many considerations required when determining the appropriate solution at each of the bridge sites. This study is being conducted in order to confirm and fulfill the Township's requirements as part of a legislated process under Ontario's Environmental Assessment Act, which requires the Township to provide consideration of impacts to the natural, social, cultural, built and economic environments when proposing to undertake a municipal project of this nature. . The scope of the current bridge study includes a review of the exact impacts that you have identified in your comments. As part of the study, the implications of bridge closures on emergency services, farming equipment, school bussing and day to day traffic will be analyzed as part of a transportation study. The implications of pushing larger and slower traffic to higher speed/volume county roads is recognized as part of this study. The study will also review several alternatives for replacement structures, including 'large culverts', to determine a cost-effective replacement design that will meet the minimum design standards as regulated by legislation and conservation authorities. Consideration of impacts on surrounding properties, such as yours, is also included in the evaluation of the alternatives.

I also wanted to note that the options of closed *permanently, rehabilitation, and full replacement* are always presented in a bridge/transportation study of this nature. Through the course of the study, the technical (transportation / structural), natural, social, cultural, built and economic environments are all considered. An evaluation of all alternatives against several criteria from these categories will be used to select the appropriate alternative at each of the four bridge sites in this study. The Township's www.connectcw.ca/bridge-transportation-network-study-four-bridges web site will be updated with additional project information as the study advances.

Please feel free to contact me directly through my contact details below if you any further questions.

Sincerely,

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
adickieson@centrewellington.ca
519-846-9691 ext. 355

CC: Andrew Dawson, P. Eng, R.J. Burnside & Associates Ltd.

Crystal Ferguson

From: [redacted]
Sent: Thursday, August 08, 2024 1:15 PM
To: Andrew Dawson; [redacted]
Cc: ADickieson@centrewellington.ca; Tricia Radburn; Mishaal Rizwan; Crystal Ferguson
Subject: Re: ALL BRIDGES OUT

Hi Andrew, just not seeing when the bridges are going to be replaced. I would think that it shouldn't take over 10 yrs to complete these studies. The 4th line bridge has been out longer than 10yrs and the 3rd line bridge is coming up or has been closed for 5yrs and prior to these bridges closing why where these studies started before they closed.

So getting back to the safety concerns how are these going to be corrected. Ambulance and fire have to travel farther a farmer gets air lifted from being hit on a busy county rd 29.

Does a taxpayer have to die before this will be corrected.

We pay fuel tax to repair roads and where has this money gone for all these years.

Please answer the questions we have ask when are the bridges being replaced.

Thanks [redacted]

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From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: Wednesday, August 7, 2024 4:38:14 PM
To: [redacted]
Cc: ADickieson@centrewellington.ca <ADickieson@centrewellington.ca>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; [redacted]
Subject: RE: ALL BRIDGES OUT

[redacted]

This study is for evaluating options (remove, rehabilitate, replace) and determining the preferred solution for each bridge site. The final report outlining all recommendations is anticipated to be completed and ready for review by the end of this year and the study finalized in early 2025 . From there, the Township will use the results of the study to determine when the proposed solutions will be implemented as part of their overall Bridge Rebuilding Program. There are additional timelines related to the detailed design and permitting for the structures as well, as this study just looks at preliminary geometry.

As you may be aware, the Township has a Dedicated Capital Levy (DCL) which they use for bridge improvements within the Township. The DCL is a limited budget, but the Township has been successful in obtaining additional funding from the Ontario government in the past to supplement the DCL as well. Regardless, the Township only

has a certain budget that they must work with to maintain and repair/replace their entire inventory of 111 structures. The Township reviews the budgets and where they will be allocating their spending on a yearly basis, at minimum. The 2024 *Bridges and Major Culverts 10-Year* Plan currently has the structures that are part of this study being replaced in 2029 and beyond [refer to 2024-budget-final.pdf (centrewellington.ca) page 152]. Each year a bridge structure's priority (probability of failure and consequence of failure), current condition, and funding limits will influence, and may reposition the year in which a replacement or rehabilitation are scheduled. The completion of this study will influence the Township's Bridges and Major Culverts priorities. Some further information about this process is available on the Township's ConnectCW page for their Bridge Rebuilding Program, here: https://www.connectcw.ca/bridge-rebuilding-program. The timeline for the proposed construction / work at each site will be reviewed and decided upon by the Township following the study as part of their Bridge Rebuilding Program and budgeting discussions.

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: [redacted]
Sent: Wednesday, August 07, 2024 12:20 PM
To: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Cc: ADickieson@centrewellington.ca; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; [redacted]
Subject: RE: ALL BRIDGES OUT

Hi Andrew I read the email and appreciate the response.

One question. When will this happen? There is no dates tied to the response. Its been years and years. Lots of chatter and no shovels in the ground with no plans from what I read here. Study dates and work to be done? Don't understand why there is so much bureaucracy tied to a bridge. Ill bet there was no where near the decision, studies etc. done when the bridges went in originally. In fact, if you read last weeks Wellington advertiser, You will see a bridge in Puslinch has just been re-constructed. Not sure why they can move a whole lot quicker. They are part of Wellington county as well. So as far as I can see from below, there is nothing happening at this time unless I'm missing something. (future options of each bridge) Has the future options been completed?
Not very confident that there will be any thing done in the near or further future.
A little disappointed I must say. Tax payers money not going to good use as usual

Thank you
[redacted]

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: August 7, 2024 11:24 AM
To: [redacted]
Cc: Adam Dickieson (Centre Wellington) <ADickieson@centrewellington.ca>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>
Subject: RE: ALL BRIDGES OUT

[redacted]

My name is Andrew Dawson, I am with R.J. Burnside & Associates Limited, and we are working with the Township as the consulting engineers on this study.

Firstly, Thank-you for reaching out regarding your comments and concerns related to the four bridges study. Adam has passed along your emails as we will be the ones tracking and documenting all comments for the project summary report. Adam and I have discussed your concerns and I will be responding on behalf of the project team.

There were a couple of different emails received, including one received by Adam D. on August 2nd from [redacted] which included further comments from [redacted] within the body of the email. To consolidate your emails into one email chain, I have added that email (attached) into the text of the original email chain below. Although all emails have come from [redacted] we have included [redacted] in this response as his comments were received through [redacted] If [redacted] would like to be removed from this email chain moving forward, please feel free to let us know. Moving forward, if we could please keep all email correspondence within this one email thread, it would be greatly appreciated!

I'd like to assure you that your concerns are recognized and that your comments will be documented as part of the study and considered during the evaluation of the potential alternatives of each site.

In hopes of giving you some comfort, we would like to let you know that this study includes a review of the exact impacts that you have identified in your comments. As part of the study, the implications of bridge closures on emergency services, farming equipment and day to day traffic will be analyzed as part of a transportation study. The transportation study compares scenarios with bridges opened and closed and allows the travel time and distances for cross-community connection and emergency response teams to be quantified and those impacts evaluated when considering the future options of each bridge. The implications of pushing larger and slower traffic to higher speed/volume county roads is also recognized as part of this study, as the transportation study looks at what the alternative routes are under the scenario with bridges closed to traffic. The study will also review several alternatives for replacement structures, including 'large culverts', to determine a cost-effective replacement design that will meet the minimum design standards as regulated by legislation and conservation authorities. Although 'large culverts' can be a suitable option in many cases in general, this study will look at the site specific feasibility of both culvert and bridge options while considering other criteria that is required to be met such as flood prevention and road alignment and profile for sight lines and safety, and other considerations such as property and/or utility conflicts, in addition to costs.

I'd also like to let you know that this study is being conducted as part of a legislated process under Ontario's Environmental Assessment Act, which regulates that the Township provide consideration of impacts to the natural, social, cultural, built and economic environments when proposing to undertake a municipal project of this nature. The Township is undertaking this study not only to confirm which aspects of the Environmental Assessment Act are required under regulation, but also to ensure that they are making an educated decision on the future of their infrastructure which involves effective input from the community and traceable decision making which is available for public review and comment. This study will be documented throughout the process and summarized into a final report which will include records of all comments received and how they were considered in the decision making. All this information and the final report will be shared with Council, including the mayor and local councilor prior to the finalizing the decisions to be implemented.

We appreciate you taking the time to provide your comments on this study. If you have any further questions or comments, please feel free to send them to the Project Team.

Regards,
Andrew

Andrew Dawson
Project Engineer

R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: [redacted]
Sent: Friday, August 02, 2024 10:00 AM
To: Adam Dickieson ADickieson@centrewellington.ca
Subject: Closed Bridges

[redacted]

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Adam. [redacted] here. I concur with [redacted] concerns.
Who do we discuss this major concern with?
[redacted]

Adam

I would like to address the safety concerns I have with all the bridges closed. The bridges I'm referring to are the 3rd, 4th and now 5th line this is making it dangerous for us farmers travel county road 29 instead of less traveled road. With Fergus growing in population and roads getting high volumes of traffic. Not sure how many cars to farm equipment accidents it takes to have an impact on this, but a car hit a tractor on 29 turning in his own driveway from the back and rolled the tractor. Does it take someone to get killed before this is an issue.

The government keeps talking about carbon pollution people must drive further to go around. We could get to the fields before in 15min is now 30min every load of hay. Maybe we don't look at the emission impact closing bridges has on the environment. If we knew the bridges were getting rough before they were closed why do, we not start the studies then. We pay tax on fuel that is to help rebuild our roads so where is all this money going. If we can't fix roads then why does centre wellington need more land for a sports complex if people can't use the roads to get there.

I would like to hear a time frame on when these bridges will be opened to make everyone's life safer.

Thanks[redacted]

From: [redacted]
Sent: Tuesday, July 30, 2024 5:03 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Subject: ALL BRIDGES OUT

[redacted]

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Adam
[redacted]
I spoke with you in the past frustrated about the 3rd line , 4th line 6th lines being closed indefinitely
This must not continue. We burn additional fuel in our farming equipment having to go around the country to access precious crops and get work done
Bigger concern is the safety of our community members and our selves having to travel north from the 20th side road north passed 22 with slow moving vehicles which are larger than common cars and trucks.

This HI way 29 is far too busy and some one will be injured or killed as a result of closed bridges. It is only when some one is killed or injured that will get the attention for repair or replace
Large culverts would take less than a week at a fraction of the cost to tax payers who's taxes are raised every year and yet nothing is done
Forget the study's and environment red tape which make nothing but delays, bureaucracy and nothing is ever done. 10 years on the third?? Really same on others
and now the 5th under construction
First responders not able to get to where they need to go in a timely fashion is also a huge problem. I know the bridge out signs are out there but still doesn't matter. Last year a car went off the bridge headed north on the 4th line. The Fergus fire department were called and could not reach the vehicle from the south. Fortunately the occupants were injured not killed
I would appreciate you take my and others comments and concerns to you Bosses Boss and our Local PM Tedd Arnot along with the Mayor

A positive response or direction from some one would be appreciated
Thank you
[redacted]

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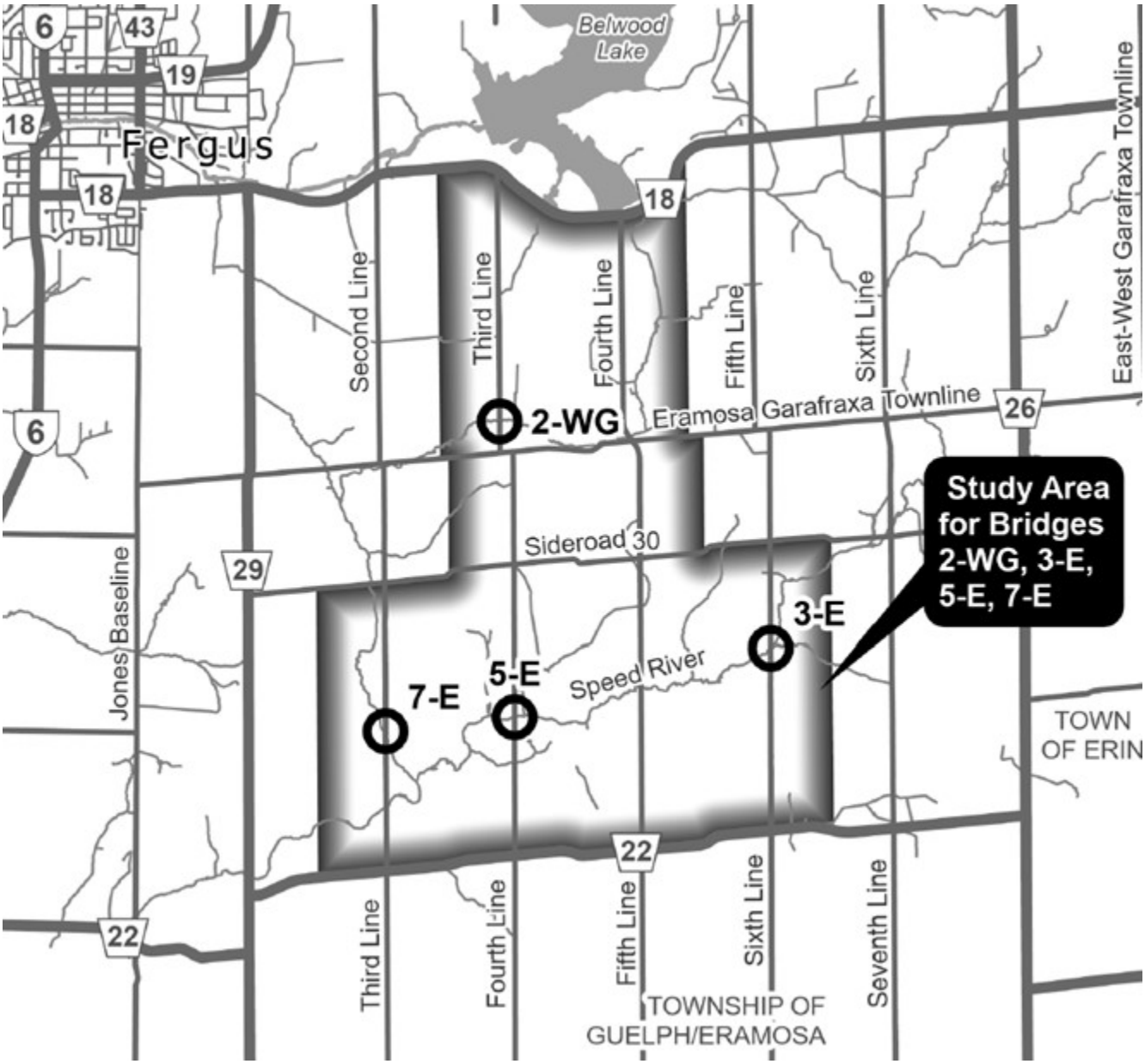
From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Monday, July 29, 2024 9:37:40 AM
To: [redacted]
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Subject: Bridge Study - Third Line Bridge (7-E) - Agricultural Use

[redacted]

Thank you for the call this morning. When you mention near misses with traffic while transporting materials and equipment while hauling with tractor, this is cause for concern.

As I mentioned, the Township of Centre Wellington is in the midst of a study to determine the next steps in with four bridges in the area of former Eramosa Township (within Centre Wellington). If you can provide comments and concerns to do with the four bridge crossings in the study area it would be appreciated and will become part of the study evaluation.

My understanding from your call this morning is bridge 7-E on the Third Line is the bridge that you would like to see reopened to improved haul distance and safety.



Attached is a map of Centre Wellingtons bridge network for your reference.

This a link to a webpage that has additional information about the bridge study. [Bridge & Transportation Network Study for Four Bridges | Connect CW]

Contact me directly if you have any additional questions.

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Crystal Ferguson

From: [redacted]
Sent: Saturday, November 16, 2024 12:56 PM
To: Adam Dickieson
Subject: Re: Bridge 2-WG

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Adam
Thank you for remembering I was interested in the biologists' report. I will take a look a it.
We also appreciate your notice of the upcoming meting. Hope to see you there.
Regards
[redacted]

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From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Friday, November 15, 2024 9:53:21 a.m.
To: [redacted]
Subject: RE: Bridge 2-WG

[redacted]

Please note that the biologists' report has just been received and made available on the Bridge & Transportation Network Study for Four Bridges webpage. Refer to the Document Library section of the page. https://www.connectcw.ca/bridge-transportation-network-study-four-bridges

The biologists' report has been titled as the “Natural Heritage Report.”

Also note that a time and date has been selected for another Public Open House. On December 2, 2024 from 6:00 pm - 8:00pm at the Centre Wellington Community Sportsplex - Gord Brown Hall (550 Belsyde Avenue East, Fergus), Open House #2 will occur. The project team will provide an overview on the various study findings and deliver the draft preferred alternatives that are under consideration.

Let me know if there are any additional project details I can provide.

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: [redacted]
Sent: August 26, 2024 9:38 AM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Subject: RE: Bridge 2-WG

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Super! Thanks Adam.

On Aug. 26, 2024 8:08 a.m., Adam Dickieson <ADickieson@centrewellington.ca> wrote:

[redacted]

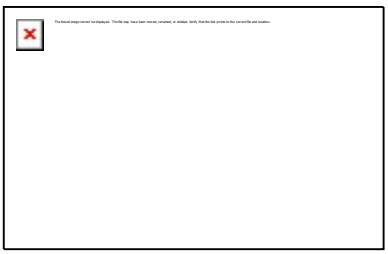
Yes – As the reports are completed, they will all be assembled into a project file report that will be publicly accessible. This report will be available on the Township's project web page:

https://www.connectcw.ca/bridge-transportation-network-study-four-bridges

I will let you know when the requested information has been added to the webpage.

Regards,

Adam.



Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0

519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: [redacted]
Sent: Friday, August 23, 2024 9:03 AM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Subject: Bridge 2-WG

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Adam

It was good to speak with you the other day, as the consultants were doing their assessment on the Third Line bridge. I appreciated your explanation that this is the next step in the process.

Is it possible to get a copy of the biologists' report? I am very interested in the ecology of our creek, and would like to read their findings. Similarly, if there is a report on the cultural / indigenous aspect. The member of the team said she did not know the history, but perhaps you could direct me.

Thanks for your work in moving this project along!

Take care,

[redacted]

[redacted]

[redacted]

Crystal Ferguson

From: [redacted]
Sent: Friday, November 15, 2024 2:34 PM
To: Mishaal Rizwan
Cc: Andrew Dawson; Adam Dickieson
Subject: Re: Township of Centre Wellington, Notice for Public Open House 2 - Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E, & 7E)
Attachments: image001.gif

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

I will attend

Best Regards

[redacted]

[redacted]

[redacted]

On Nov 15, 2024, at 2:02 PM, Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com> wrote:

Good afternoon,

On behalf of the Township of Centre Wellington, please find attached the Notice for Public Open House #2 for the Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E, & 7E).

December 2, 2024, 6:00 pm – 8:00 pm
Centre Wellington Community Sportsplex – Gord Brown Hall
550 Belsyde Avenue East, Fergus

If you have any questions about the study, please contact one of the Project Team members below:

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
292 Speedvale Ave W. #20, Guelph, ON N1H 1C4

519-846-9691 x 355
adickieson@centrewellington.ca

705-797-4310
andrew.dawson@rjburnside.com

Best regards,

<image001.gif>

Mishaal Rizwan
Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario, N1H 1C4
Office: 800-265-9662 Direct Line: 226-343-7014
www.rjburnside.com

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Thank you.

****

<Notice of Public Open House - 4 Bridges Transportation Study.pdf>

Crystal Ferguson

From: [redacted]
Sent: Wednesday, November 20, 2024 5:57 PM
To: Adam Dickieson
Subject: Re: Bridge Update

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Adam

Thank you, we did get a notification in the mail as well.

See you on December 2nd.

Thanks for keeping everyone in the loop.

[redacted]

On Wed, Nov 20, 2024 at 5:11 PM Adam Dickieson <ADickieson@centrewellington.ca> wrote:

[redacted]

When I emailed you last week I had referred to the wrong meeting date, my apologies. The public meeting is set for December 2. See the attached notice for details.

Regards,

Adam.



Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0

519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: [redacted]
Sent: November 14, 2024 6:27 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Subject: Re: Bridge Update

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thank you for the update.

[redacted]

On Thu, Nov 14, 2024, 4:31 p.m. Adam Dickieson <ADickieson@centrewellington.ca> wrote:

[redacted]

Thank you for reaching out and getting involved with the budget process. With the 4 bridge study results, the intent is to provide background on how the draft preferred alternatives have been determined and then summarizes the alternatives at the meeting on December 4.

At this meeting there will be a presentation near the beginning of the meeting followed by discussions and questions.

An online presentation will be available to residents who can not attend.

Regards,

Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0

519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: [redacted]
Sent: November 14, 2024 2:53 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Subject: Bridge Update

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Adam

I hope all is well. I did provide comments on line regarding the capital budget and I appreciate you reaching out.

I see there is an open house on Dec 2nd.

Are we able to know the results ahead of time or do we need to wait until Dec 2nd?

--

Thanks

[redacted]

[redacted]



Crystal Ferguson

From: [redacted]
Sent: Tuesday, December 03, 2024 1:27 PM
To: Andrew Dawson
Cc: adickieson@centrewellington.ca; Mishaal Rizwan; Crystal Ferguson; Tricia Radburn; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E
Subject: Re: Township of Centre Wellington Notice of Public Open House Bridge and Transportation Network Study for Four Bridges

Thank for you hosting the (second) open house last night. I just wanted to reiterate my position that I am in favour of closing Bridge 3-E. I would also like to have the Township consider a pedestrian bridge if the existing bridge is to be removed in the future due to safety concerns.

[redacted]

On Mon, Jul 29, 2024 at 3:56 PM Andrew Dawson <Andrew.Dawson@rjburnside.com> wrote:

Good Afternoon [redacted],

Thank you for sending along your comments and questions. I will be providing responses on behalf of the Township and our Project Team. My comments are provided below in blue. If you have any further questions or comments following review of these responses, please do not hesitate to reach out to the team again.

1. Can the Township provide rationale that would typically warrant a permanent closure of a bridge? Has a permanent closure been undertaken in the Township in the past? If a permanent closure was selected as the preferred alternative, would the existing bridge remain in place? I am in favour of permanently closing Bridge 3-E.

   The option for permanent closure will be evaluated against replacement and other alternatives using a series of criteria related to the technical (transportation network and structural), the social, cultural, natural, and economic environments. Candidates for closure would be those structures where the benefits of closure outweigh any negative impacts. Generally speaking, the closure of such structures wouldn't result in significant impacts to cross-community connectivity and emergency response services. This can occur in areas with small detours and low population or average daily vehicle use. The only bridges in Centre Wellington that have been recommended for permanent closure and removal are Bridge 1-P and 30-P (in former Pilkington township) and boundary road bridge 180160 on Middlebrook Place (i.e. three total). A study very similar to this one was used to determine that permanent closure of Bridge 1-P and 30-P did not result in significant impacts. The Middlebrook Place bridge will be removed as it is a public safety concern as it was condemned.

   Your preference for closure of Bridge 3-E will be documented in the study report and considered during the evaluation of the alternatives.

2. If the preferred alternative is to replace the existing bridge, would the results of this study identify the span arrangement? If so, would a single lane bridge be considered as part of the evaluation?

Yes, the study will involve a review of the site (topography, flow rates of watercourse, alignment of watercourse, etc.) to identify a preliminary conceptual design of the replacement bridge. Several bridge types and sizes will be considered. Where the study identifies that the level of service for this structure may warrant the use of a 'low volume bridge' of single-lane or reduced load capacity, such alternatives will be considered during the review of the replacement alternative.

3. Are any operational, safety or maintenance roadway improvements being considered as part of this study?

   This structure is predominantly focused on the location of the bridges themselves and will not consider improvements to the entire length of roadway. However, the approaches to the bridge (usually 100-200m each side of bridge) will typically be included as part of the bridge study. The preliminary geometric design will look at improvements to lane and shoulder widths, sight lines, roadside safety measures (guard rail), etc.

4. Please provide details and the objective of the transportation network study.

   The Transportation Network study will evaluate the role of the structures on the overall connectivity within the community. This will include considerations such as travel distances and timelines, looking at several origin and destinations to capture the impacts that closure vs opening the bridges would have at each site. Emergency service response timelines and impacts to local industry transportation and farming services will also be considered as part of the study.

5. Please provide the factor specific weighting anticipated to be used for the preferred alternative evaluation process. Is there an opportunity to review and comment on this aspect before it is implemented?

   The specific weighting of each 'criteria' will be developed by the Project Team based on consultation with the Township and comments received from the community related to their areas of increased interests. A sensitivity analysis is also typically performed, where a series of scenarios with different weightings are ran, and the impact on the preferred alternatives is reviewed for each scenario. The following are the four 'Environments' that will be considered in the evaluation matrix:

1. Technical Environment (Transportation, Hydraulics, Bridge Capacity, Safety Standards etc.)
2. Natural Environment (Protection of Trees, Wildlife habitats, species of interest, etc.)
3. Social & Cultural Environments (Cultural Heritage, Archaeology, Impacts to businesses, community preferences, etc.)
4. Economic Environment (Upfront Capital Cost, Operation and Maintenance Costs)

   The evaluation of these criteria will be presented during the next Public Open House, at which point the community will be provided an opportunity to review and comment further. Finally, prior to the preferred alternative being implemented, there will be a report compiled outlining all the background information used, and the evaluation matrix results, which will be posted to provide the public opportunity for formal review and comment.

6. Please consider removing the vehicle turnaround on the north side of Bridge 3-E.

   A means to turn around large vehicles at both end of the bridge is required when the bridge is closed in order that snowplowing and other operations can continue.

7. Would the Township be able to provide a copy of the Bridge 3-E Heritage Impact Assessment (HIA) Report for review once complete?

All project files such as HIA will be put on the Connect CW webpage as they become finalized. It is anticipated that the HIA report will become available in mid-August. The ConnectCW webpage can be found here and will be being updated as work progresses. https://www.connectcw.ca/bridge-transportation-network-study-four-bridges

Regards,
Andrew

Andrew Dawson
Project Engineer

R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: [redacted]
Sent: Thursday, July 25, 2024 7:54 AM
To: Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>; adickieson@centrewellington.ca
Subject: Re: Township of Centre Wellington Notice of Public Open House Bridge and Transportation Network Study for Four Bridges

Good morning,

Thank you for hosting the PIC yesterday evening.

I have the following questions regarding this study:

1. Can the Township provide rationale that would typically warrant a permanent closure of a bridge? Has a permanent closure been undertaken in the Township in the past? If a permanent closure was selected as the preferred alternative, would the existing bridge remain in place? I am in favour of permanently closing Bridge 3-E.
2. If the preferred alternative is to replace the existing bridge, would the results of this study identify the span arrangement? If so, would a single lane bridge be considered as part of the evaluation?
3. Are any operational, safety or maintenance roadway improvements being considered as part of this study?
4. Please provide details and the objective of the transportation network study.
5. Please provide the factor specific weighting anticipated to be used for the preferred alternative evaluation process. Is there an opportunity to review and comment on this aspect before it is implemented?
6. Please consider removing the vehicle turnaround on the north side of Bridge 3-E.

7. Would the Township be able to provide a copy of the Bridge 3-E Heritage Impact Assessment (HIA) Report for review once complete?

Thank you,

[redacted]

On Fri, Jul 12, 2024 at 5:03 PM Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com> wrote:

> Good afternoon,
>
> On behalf of the Township of Centre Wellington, please find attached the Notice of Public Open House for the Bridge and Transportation Network Study for Four Bridges.
>
> If you have any questions, please contact one of the project team members:
>
> **Adam Dickieson**
>
> Engineering Services Coordinator
>
> Township of Centre Wellington
>
> 1 MacDonald Square, Elora, ON N0B 1S0
>
> 519-846-9691 x 355
>
> adickieson@centrewellington.ca
>
> **Andrew Dawson, P. Eng.**
>
> Consultant Project Manager
>
> R.J. Burnside & Associates Ltd.
>
> 292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
>
> 705-797-4310
>
> andrew.dawson@rjburnside.com
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> Thank you.
>
> **********

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix B.3

Heritage Centre Wellington Meeting Summary

Centre Wellington

To: **Heritage Centre Wellington, Bridge Subcommittee**

CC: **Mariana Iglesias– Manager of Planning Services**

From: Adam Dickieson - Engineering Services Coordinator, TCW

Date: October 16, 2024

Re: **2024 Township of Centre Wellington**
Township of Centre Wellington Heritage
Bridge & Transportation Network Study for Four Bridges in former Eramosa and West Garafraxa Township

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Please find this memo as a record of comments and questions that were presented at the **October 8, 2024** Heritage Centre Wellington Meeting regarding the finding and the process of an ongoing Bridge & Transportation Network Study for Four Bridges in former Eramosa and West Garafraxa Township.

Comments from the various committee members were recorded as follows. Responses that I had provided are in italics:

Victoria Nagy (Committee Chair)
Inquired if a Documentation, Salvage and Commemoration Report would be completed before any demolition work occurred at the Bridge 3-E site.
A documentation report can be prepared ahead of the any demolition.

When a preferred option is identified will the Heritage Impact Assessment (HIA) report be revised.
No, the bridge 3-E HIA report contains recommendations based on the various preferred options that will be presented as preferred options.

Susan Taylor
If the bridge is replaced, can it be replaced with the same look as the existing bridge?
Cost estimates for a replacement bridge using the same structure type are to be visited.

Nico Vandersluis
Charles Mattaini was he the designer and the builder of the 3-E bridge?
There are no record documents to be found stating that this bridge was designed and constructed by Mr. Mattaini. It is speculated that this structural was most likely constructed by Mr. Mattaini.

If you can not salvage the bridge, could the lead up guiderails be salvaged and used on a replacement bridge.
The existing lead up concrete railings can be looked at for salvage into a replacement structure site. There are issues with re-using the railing as structural components because of the current bridge design code requirements.

If not salvaged in the reconstruction of a replacement bridge, could the old railings be displayed elsewhere in the community as a commemoration piece over a small creek (Such as Confederation Park, Fergus)?

Barry Martin
Would prefer to see an open type railing rather than a solid bridge barrier in order to allow for views of the waterway.

Is this bridge used for agricultural equipment?
Yes, the transportation study will provide direction as to the preferred bridge replacement types to carry large agricultural equipment.

It would make sense to work on the other three bridges and leave bridge 3-E until things like the Active Transportation Study and memorization can be further examined.

Could the entire bridge be moved in entirety?
This is not likely, due to the overall cost and the state of deterioration on major load carrying components.

Donald Evoy (Bridge Subcommittee)
Agrees with Option B, Removal / Replacement and would look at proper commemoration as part of a future bridge replacement.

Philip Brown
Agrees with Option B, Removal / Replacement.
Agrees with the Cultural Heritage Evaluation that there is no real heritage value with the other three bridges.

Are there any older bridges that can stay in service for bicycle routes and be rehabilitated?
Through the ongoing Active Transportation Network Study options for rural bicycle route will be explored.

Mayor Watters
Expressed concerned with lost connections with area residents and their neighbours due to the missing water crossings.
Mayor Watters is interested in the use of single lane bridges. These bridges would incorporate traffic calming measures, and cost saving through building a smaller structure.
Mayor Watters would like to rebuild as many structures as possible to reconnect Centre Wellington.

This Township of Centre Wellington Heritage Bridge & Transportation Network Study for Four Bridges in former Eramosa and West Garafraxa Township meeting item was concluded with a motion that passed as follows:
THAT Heritage Centre Wellington receives the Heritage Impact Assessment and Cultural Heritage Evaluation Report for Bridge 2-WG, 3-E, 5-E, and 7-E as presented for information

AND THAT Heritage Centre Wellington be given more time to consider the Cultural Heritage Value of Bridge 3-E.

After you have had a chance to review this memo, please contact me if you note any required revisions. Also, find a copy of the meeting presentation attached for your reference.

Adam Dickieson.

Township of Centre Wellington
Bridge and Transportation Network Study for Four Bridges

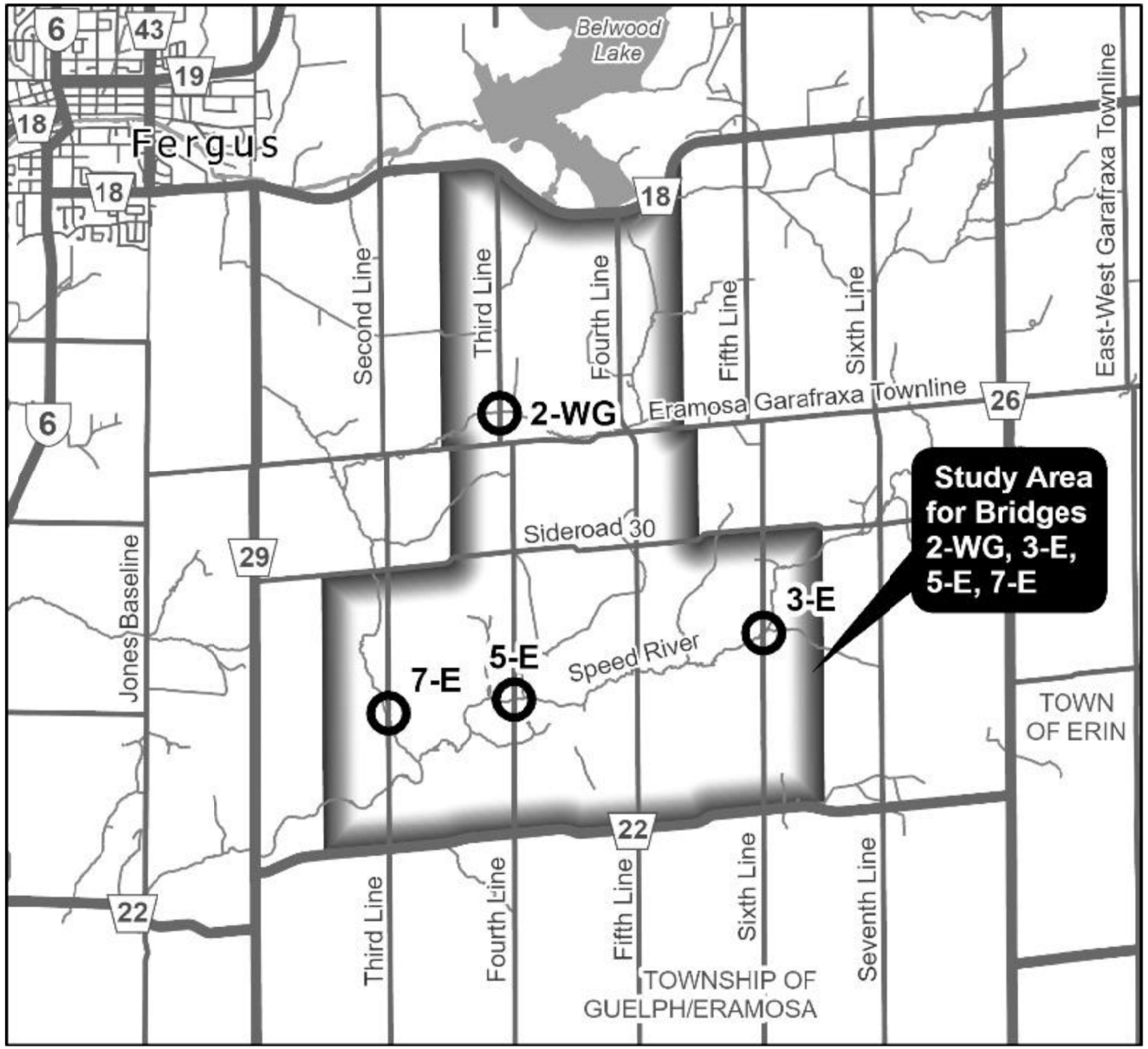
Heritage Committee Meeting

October 8, 2024

Presentation Outline

- Project Study Area Overview
- Cultural Heritage Assessment Process
- Overview of Bridges and Cultural Heritage Assessment Findings
- Next Steps
- Discussion / Questions

Project Study Area



Study Initiated

Bridge and Transportation Network Study for Four Bridges

Issues:

- Three of the four bridges (3-E, 5-E, 7-E) are closed due to poor condition.
- The fourth bridge (2-WG) is open with load restrictions. [15 tonnes]

Study Required:

- Bridge and Transportation Network Study was initiated for the Four Bridges in May 2024.
- The study will evaluate whether each bridge should be closed permanently, rehabilitated (with minor upgrades and modifications), or replaced.

Study Process

Evaluation Criteria:



Structural / Technical

- Safety / Traffic Operations
- Construction Staging / Duration
- Extension of Service Life



Natural Environment

- Environmentally Sensitive Areas
- Wildlife Habitats
- Fisheries/Aquatic Habitat
- Species at Risk



Social & Cultural Environment

- Socio-Economic Conditions
- Archaeological, Built Heritage & Cultural Heritage Features
- Construction Impacts
- Community Input



Economic

- Capital Costs
- Operational and Maintenance Costs

Social & Cultural Environment
Cultural Heritage Features

So, what has been happening with this study since it was initiated in May 2024??

- Notice of Project Initiation provided to Heritage Centre Wellington Bridge Subcommittee and Council in June 2024
- A Stage 1 Archaeological Assessment was completed at all four bride sites Spring 2024
- Community Engagement though a Public Information Centre on July 24, 2024
- A Cultural Heritage Evaluation Report was completed, August 2024
- A Heritage Impact Assessment for bridge 3-E was completed, August 2024
- An Ecological Field Study was completed, August 2024 (report pending)
- Engagement with Heritage Centre Wellington  **WE ARE HERE**
- Determine preferred alternatives for the four bridges based in study inputs

Bridge 2-WG

- Third Line, 330m North of Eramosa-Garafraxa Townline
- Constructed circa 1921
- Closure Status: Open,15 Tonne load limit
- Structure Type: Reinforced Concrete Through Girder Bridge









- Load capacity concerns related to loss of concrete, resulting in corrosion and reduced engagement of the reinforcing steel in main girder elements

Bridge 3-E

- Sixth Line, between Sideroad 30 and Wellington Road 22
- Constructed circa 1919
- Closed to Traffic: 2022
- Structure Type: Concrete Bowstring Arch Truss











- Bridge was closed as it was noted to exhibit serious structural issues due to advanced deterioration

Bridge 5-E

- Fourth Line, between Sideroad 30 and Wellington Road 22
- Constructed circa 1923
- Closed to Traffic: 2013
- Structure Type: Reinforced Concrete Through Girder Bridge









- Bridge was closed due to structural concerns and evidence of progressing cracks. Significant concerns noted for the floor beams and deck slab's ability to carry vehicle loads

Bridge 7-E

- Third Line, between Sideroad 30 and Wellington Road 22
- Constructed circa 1920
- Closed to Traffic: 2021
- Structure Type: Reinforced Concrete Through Girder Bridge







- Bridge closed due to the severe disintegration in the main load carrying elements (girders) and deck slab

Cultural Heritage Assessment

Each of the 4 structures were evaluated by sub-consultant Parslow Heritage Consultantcy (PHC) using two assessment guidelines to determine if **Cultural Heritage Value or Interest** (CHVI) exists:

O. Reg. 569/22 (Ontario Heritage Act)

A set of criteria of which one or more must be met to be considered to have CHVI. Property that has one of the following characteristics may be considered to have CHVI:

- Rare, unique, representative or early example of a construction method / style
- High degree of craftmanship or artistic merit
- High degree of technical or scientific achievement
- Directly associated with significant theme, event, belief, person, activity, organization or institution of the community
- Yields information that contributes to understanding of a community or culture
- Reflects work or ideas of an architect, artist, builder, designer or theorist who is significant to the community
- Important in defining, maintaining or supporting the character of an area
- Physically, functionally or historically linked to its surroundings

Criteria is Evaluated on a MEETS or DOES NOT MEET criteria, with no in-between.

Cultural Heritage Assessment

Ontario Heritage Bridge Guidelines for Provincially Owned Bridges

Scoring system approach to O.Reg. 569/22, as derived by the Ontario Ministry of Transportation (MTO) which considers that aspects of CHVI may fall between being fully met or not met.

- Design / Physical Value (50 Points)
  - Functional Design (Max 20 Points)
  - Visual Appeal (20 Points)
  - Materials (10 Points)
- Contextual Value (25 Points)
  - Landmark (15 Points)
  - Character Contribution (10 Points)
- Historical / Associative Value (25 Points)
  - Designer / Construction Firm (15 Points)
  - Association with historical theme, person or event (10 Points)

An Overall score over 60 is required before a bridge can be considered to exhibit CHVI

Cultural Heritage Assessment Summary

A Summary of the Cultural Heritage Assessment Report (CHAR) is as follows:

Study Findings:

Bridges 2-WG, 5-E & 7-E - Not considered to have Cultural Heritage Value or Interest

Bridge 3-E

- One of the few remaining unique style bowstring arch bridges that were historically popular in Wellington County
- 'Rainbow Arch' / Bowstring Arch bridge design was developed by local (Fergus) designer, Charles Mattaini
- Considered to have Cultural Heritage Value / Interest
- Candidate for Listing/Designation under Ontario Heritage Act

Study Recommendations:

- No further heritage reports are required for three of the four bridges
- Heritage Impact Assessment is recommended for Bridge 3-E

Evaluation Findings

Heritage Impact Assessment Report (HIA) Recommendations:

(Option A) Rehabilitation

1. Will allow for the retention of all identified heritage attributes.

2. The Township could consider Designation of the bridge under Part IV of the Ontario Heritage Act.



Evaluation Findings

Heritage Impact Assessment Report (HIA) Recommendations:

(Option B) Removal / Replacement

1. Prior to removal, architectural drawings of the existing bridge be completed and provided to local historical societies, libraries, and the municipal archives, at the discretion of the Township of Centre Wellington.

2. Any replacement of Bridge 3-E be designed to reflect the existing “rainbow arch” design, thereby providing a conservation measure for the identified physical heritage attributes.

3. An interpretive plaque be affixed to the replacement bridge to identify the original bridge, thereby providing a conservation measure for the identified historical and contextual value.

The CHER and HIA reports be provided to local historical societies, libraries, and the municipal archives, at the discretion of the Township of Centre Wellington.

Next Steps

Fall 2024

- Prepare Concepts for Preferred Alternative, November 2024
- PIC #2 (Late Fall 2024 – Date TBD)

Winter 2024 / 2025

- Draft Study Report Completed
- Council Meeting #2

2025

- Prepare Budgets and Schedules for Preferred Alternatives

Comments / Questions?

Please feel free to provide comments to the Project Team by emailing one of the contacts listed below.

A website containing updates on the project is also available at the following link:

https://www.connectcw.ca/bridge-transportation-network-study-four-bridges

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square
Elora, ON N0B 1S0
Tel: 519-846-9691 ext. 355
adickieson@centrewellington.ca

Andrew Dawson, P.Eng
Consultant Project Manager
R. J. Burnside and Associates Limited
292 Speedvale Avenue West, Unit 20
Guelph, ON N1H 1C4
Tel: 705-797-4310
andrew.dawson@rjburnside.com

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Appendix B.4

Public Open House No. 2 Summary

R.J. Burnside & Associates Limited 292 Speedvale Avenue West Unit 20 Guelph ON N1H 1C4 CANADA
telephone (519) 823-4995 **fax** (226) 526-9660 **web** www.rjburnside.com

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Public Open House No. 2 – Summary Report

Client Name:	Township of Centre Wellington	**Project No.:**	300058117.0000
Project Name:	Bridge and Transportation Network Study for Bridges 2-WG, 3-E, 5-E, & 7-E		
Meeting Date:	December 2, 2024		
Location:	Centre Wellington Community Sportsplex – Gord Brown Hall 550 Belsyde Avenue East Fergus ON N1M 3S1		
Time:	6:00 p.m. – 8:00 p.m.		
Project Team Members Present:	Adam Gilmore – Township of Centre Wellington Adam Dickieson – Township of Centre Wellington Matthew Brooks – R.J. Burnside & Associates Limited Andrew Dawson – R.J. Burnside & Associates Limited Tricia Radburn – R.J. Burnside & Associates Limited		
Prepared By:	Andrew Dawson,, R.J. Burnside & Associates Limited		

1.0 Introduction and Background

R.J. Burnside & Associates Limited (Burnside) has been retained by the Township of Centre Wellington (Township) to complete a Bridge and Transportation Network Study for Bridges 2-WG, 3-E, 5-E, and 7-E, located in the southeast quadrant of the Township. As part of the study process, the Township elected to complete a second Public Open House to provide an overview of the background studies and evaluation of alternatives conducted to address the challenges and opportunities determined through previous consultation with the public throughout the study. This meeting also provided a presentation of the preliminary preferred solution, to allow the public to provide final comment prior to confirmation of the preferred solution.

2.0 Method of Notification

Details of the purpose of the study, the date, time, and location of the in-person meeting, as well as details for accessing the online version of the meeting, were delivered to the public and stakeholders through a Notice of Public Open House. A copy of the notice is included in Appendix A. The method of notification and / or advertisement was as follows:

- By mail to all applicable mailing addresses for all properties located within the Study Area.

- By hand delivery to all mailboxes within the Study Area, due to the Canada Post strike, which commenced the day after the mailout of notices was coordinated.
- By email to agencies, municipalities, and any local members of the public who had provided contact information following the notice of project initiation.
- By certified mail and email to Indigenous Communities.
- By publishing in the Wellington Advertiser on November 14, 2024 and November 21, 2024. Copies of the advertisements are provided in Appendix B.
- By online posting to the project specific web page of the Township's 'Connect CW' online platform.
- Postings to Township of Centre Wellington Facebook and Twitter social media accounts on December 20, 2024.

3.0 Public Meeting Format

3.1 In-Person Public Open House

A second in-person Public Open House (POH) was conducted on Monday, December 2, 2024. Attendees were greeted upon arrival, encouraged to sign the registration sheet, and were provided with a comment form to provide comments on any aspect of the project.

Display boards with in-depth information on background studies and evaluations were placed around the room and representatives from the project team were available to review the boards upon entry to the hall. A formal slideshow presentation was made shortly after 6:00 p.m., which covered the following topics:

- Study Area, Objectives, and Process.
- Review of public feedback received during study.
- Outline of Supporting Studies that were conducted to address the problems or opportunities identified in the study, including:
  - Overview of Transportation Study findings for emergency response, commuting traffic, local traffic and agricultural equipment;
  - Evaluation of structure types and sizes; and
  - Hydraulic requirements and preliminary bridge geometry.
- Identification of preferred structure improvement type and size for each bridge location.
- Alternative Solutions of combinations of bridges opened or closed carried for evaluation.
- Criteria considered for evaluation of alternatives.
- Summary of results of evaluation of alternatives.
- Overview of the preferred solution.
- Presentation of conceptual design.
- Invitation for Participation / Comment.

A copy of the display boards and presentation slides are provided in Appendix C and D, respectively.

At the conclusion of the presentation, there was an opportunity for attendees to review the display boards and have one-on-one discussions with members of the Project Team. Attendees were asked to provide further feedback on the evaluation and the preliminary recommendations by submitting a comment sheet for the Project Team to further consider prior to finalizing the selected solution. If individuals wished to provide comments at a later date, the option to do so via email was made available by the contact information provided on the display boards for Project Team members Andrew Dawson and Adam Dickieson. All comments were requested to be submitted by December 20, 2024.

3.2 Online Presentation

A narrated online presentation was also made available for the public to access on their own time, should they not be able to attend the in-person meeting. The online presentation provided information on the same topics presented through the live presentation, as summarized in Section 3.1 above, and included in Appendix E. The narrated presentation was posted online at the project specific webpage on the Township's 'ConnectCW' platform. At the time of this report, the video had been viewed 11 times. An online forum for questions was available on the Township web page; however, no comments were received through this method of consultation.

4.0 Participation Levels and Summary of Comments Received

A total of 42 people registered on the sign-in sheet for the in-person POH. Four comment forms were submitted during the POH, and one email was received from a member of the public that was unable to attend in-person. All comments are documented in Appendix F. Key issues noted within the written responses relate to:

- Request to keep Bridge 7-E closed as long as possible to reduce the number of vehicles speeding down the road.
- Questions regarding timelines of the implementation of bridge replacements.
- Suggestion to rename fourth line to avoid confusion for navigation and deliveries.
- Suggestion for improved terrestrial passage via tunnels under the road.
- Opinion that there is not an adequate turn-around for vehicles at Bridge 3-E.
- Concerns related to decreased property value with the closure of the bridge.
- Requests for decreased taxes or return of capital levee since bridge not being replaced.
- Concerns related to impacts on businesses with closure.
- Concerns related to the delayed timelines of infrastructure improvements in the past.

5.0 Next Steps

Comments and concerns received at the POH will be considered and the evaluation of alternatives will be revisited based on the concerns identified. Upon any adjustments to the evaluation that may be required, the preferred solution will be confirmed or revised (if applicable). If the preferred solution is revised, the public will be notified. If the preferred solution

is maintained, the preferred solution will be presented to the council for final confirmation prior to the completion of this Study.

The comments collected will be kept on file and a summary of all comments received and how each comment was addressed or considered in the final decision will be included in the final Project File Report.

AD:tc

Enclosure(s) Appendix A – Notice of Public Open House No. 2
Appendix B – Wellington Advertiser Notices
Appendix C – Public Open House No. 2 Display Boards
Appendix D – Live Presentation Slide Show
Appendix E – Online Presentation Slide Show with Text
Appendix F – Comment Sheets and Email

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Appendix A

Notice of Public Open House No. 2

Notice of Public Open House

Bridge and Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E & 7-E)

This notice was first issued on November 14, 2024

You Are Invited!

The Township of Centre Wellington welcomes your attendance at the second Public Open House for the Bridge and Transportation Network Study for Bridges 2-WG, 3-E, 5-E & 7-E. The meeting will be an avenue for you to provide your comments on the preliminary recommendations for each bridge for the Project Team's further consideration.

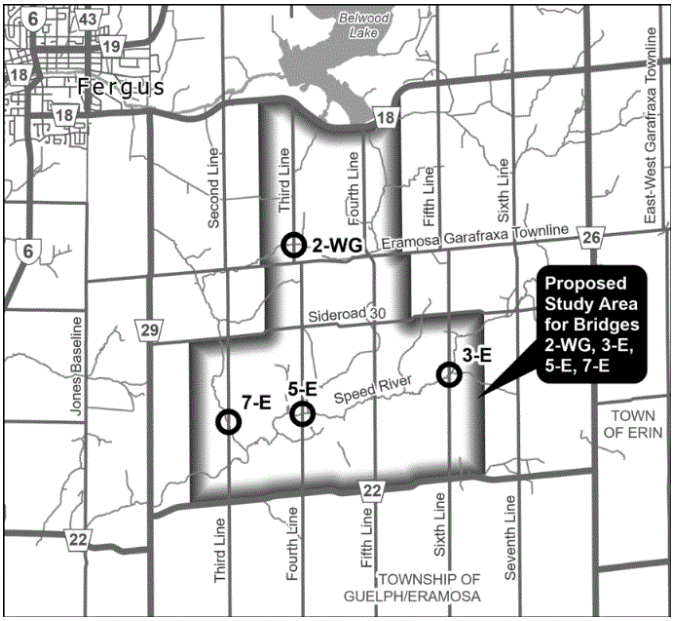
Date & Time: December 2, 2024, 6:00 pm – 8:00 pm

Location: Centre Wellington Community Sportsplex - Gord Brown Hall
550 Belsyde Avenue East, Fergus

The Project

The Township of Centre Wellington initiated the Bridge and Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E & 7-E) earlier this year. This study is evaluating the role of these structures within the overall transportation network and connectivity in the community to determine the future of the bridge at each location.

Three of the four bridges (3-E, 5-E, 7-E) are temporarily closed due to poor condition. The fourth bridge (2-WG) is open with load restrictions. The locations of the structures are shown in the key plan herein.



The Study Process

Since the first Public Open House (July 24, 2024), an evaluation was undertaken to review whether each bridge should be closed permanently, rehabilitated (with minor upgrades and modifications), or replaced. A preliminary preferred alternative has been selected and will be shared with the public during this Public Open House. Information will be provided to describe how the options for each bridge were evaluated and how recommendations were developed. Conceptual designs will be provided and the potential environmental impacts, mitigation measures and future commitments to be considered during design and implementation of the preferred alternative will be outlined. The preliminary findings are subject to final analysis following input from the public, agencies and Indigenous Communities. Comments received following the upcoming Public Open House will be further considered by the Project Team and used to confirm the final preferred alternative to be implemented in the future.

Township of Centre Wellington 1 MacDonald Square, Elora ON N0B1S0 | 519.846.9691 Fax 519.846.9858

centrewellington.ca

Consultation and Input

Those attending the Public Open House will have the opportunity to speak directly with members of the Project Team and provide written comments for consideration in finalizing the preferred alternative.

If you are unable to attend the PIC, a webpage containing study information is available. An online forum will be made available at this webpage from December 2nd to 20th, 2024 to allow stakeholders to share, collaborate, exchange ideas and learn more about this project. To access the online forum and review ongoing project updates, visit the webpage at:

https://www.connectcw.ca/bridge-transportation-network-study-four-bridges

If you have questions or comments regarding the study, or would like to be included on the mailing list to receive future notices and study updates, please contact one of the Project Team members below:

Adam Dickieson	**Andrew Dawson, P. Eng.**
Engineering Services Coordinator	Consultant Project Manager
Township of Centre Wellington	R.J. Burnside & Associates Ltd.
1 MacDonald Square, Elora, ON N0B 1S0	292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
519-846-9691 x 355	705-797-4310
adickieson@centrewellington.ca	andrew.dawson@rjburnside.com

Information will be collected in accordance with the *Municipal Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record. If you have accessibility requirements in order to participate in this project, please contact one of the project team members listed above.

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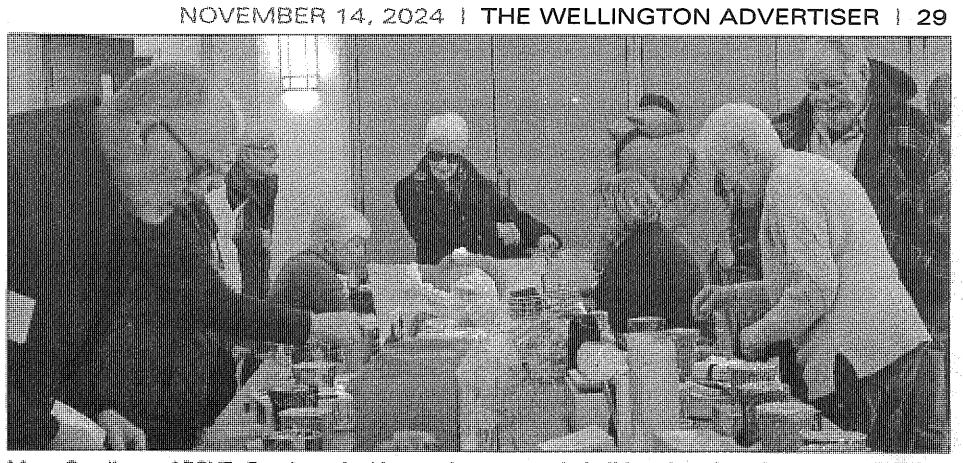
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Appendix B

Wellington Advertiser Notices



For a cause – St. Joseph's Catholic Church in Fergus hosted its annual bazaar on Nov. 2 to raise money for the church and its services. ABOVE: Tables full of handmade goodies lined the foyer of the church.
Photo by Ellouise Thompson



More Goodies – ABOVE: For those looking to do some early holiday shopping, the event featured a toonie table where participants could purchase tickets for a toonie and place them in cups for a chance to win a prize.
Photo by Ellouise Thompson

NOTICES

SALE OF LAND BY PUBLIC TENDER

THE CORPORATION OF THE TOWN OF MINTO

Take Notice that tenders are invited for the purchase of the land described below and will be received until 3:00 p.m. local time on November 28, 2024, at the Town of Minto Municipal Office, 5941 Highway #89, Harriston Ontario.

Description of Land:
Roll No. 23 41 000 007 08800 0000; 35 YOUNG ST., HARRISTON; PIN 71031-0598 (LT); File No. 23-05;
Minimum Tender Amount: $22,961.20

Except as follows, the municipality makes no representation regarding the title to or any other matters relating to the land to be sold. Responsibility for ascertaining these matters rests with the potential purchasers. This sale is governed by the Municipal Act, 2001 and the Municipal Tax Sales Rules made under that Act. A full copy of the tax sale advertisement and further information about this matter is available on line at **www.OntarioTaxSales.ca** or **www.town.minto.on.ca** or you may contact:
Tawnya Robertson,
Deputy Treasurer, The Corporation of the Town of Minto,
5941 Highway # 89, R.R. #1, Harrison
ON N0G 1Z0, Telephone: 519-338-2511 Ext. 233, Email: tawnya@town.minto.on.ca

Church of St. John the Evangelist

36 Henderson Street, Elora Ontario N0B 1S0
Anglican Diocese of Niagara

NOTICE OF PROPOSED CHANGES TO THE COLUMBARIUM

- - - - - - - - - - - - October 31, 2024 - - - - - - - - - - -

St. John the Evangelist in Elora is a growing Anglican church known across the country as a site of musical excellence. Further the church has developed and participates in many community programs such as The Elora Festival, The Elora Singers, and The Elora Children's Choir. With such a strong history of building community in Centre Wellington, the church is expanding. Current facilities present a challenge and the goal is to build an accessible gathering space, barrier-free washrooms, and a commercial kitchen to better serve the needs of the community. The intent is to use the land between the church, and the Parish Centre.

Please take notice, the columbarium located on the northeast corner of the church will be impacted requiring niches to be respectfully and safely disinterred prior to construction. Niches will be reinterred once construction is complete and the columbarium wall is reconstructed on the northwest corner of church property.

This project is not effective until approvals are received from the Township of Centre Wellington, St. John's Parish Vestry and Synod of Niagara.
Changes to the columbaria are subject to final approval of the Registrar, Bereavement Authority of Ontario, Funeral, Burial and Cremation Services Act, 2002.

Interested parties may contact the undersigned for information:

Colleen Murray
Church of St. John the Evangelist
36 Henderson Street, Elora, Ontario
Phone: 519.846.5911
opendoors.stjohnselora@gmail.com

Licensing
Office of the Registrar
Bereavement Authority of Ontario (BAO)
Phone: 647.483.2645 or 1.844.493.6456
info@thebao.ca

Notice of Public Open House

Bridge and Transportation Network Study for Four Bridges

(Bridges 2-WG, 3-E, 5-E & 7-E)

This notice was first issued on November 14, 2024

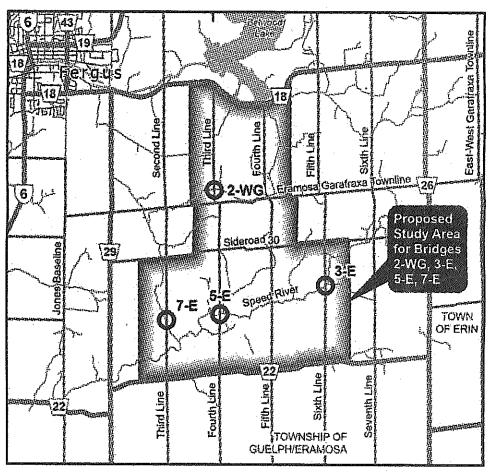
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https://www.connectcw.ca/bridge-transportation-network-study-four-bridges

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Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

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THE WELLINGTON ADVERTISER
FREE PRESS ~ NEWS WEEKLY™

EDITION(s): November 21
By: Grace Garner

PROOF OF YOUR AD

3 columns x 12”
$837.36 + HST per issue
DISCOUNT: If applicable **+ COLOUR:** N/A

Centre Wellington

Notice of Public Open House

Bridge and Transportation Network Study for Four Bridges

(Bridges 2-WG, 3-E, 5-E & 7-E)

This notice was first issued on November 14, 2024

You Are Invited!

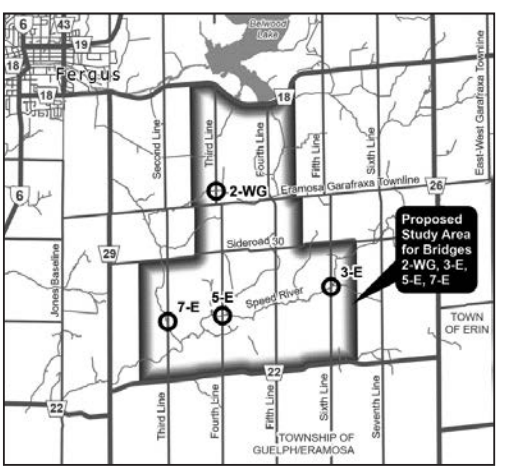
The Township of Centre Wellington welcomes your attendance at the second Public Open House for the Bridge and Transportation Network Study for Bridges 2-WG, 3-E, 5-E & 7-E. The meeting will be an avenue for you to provide your comments on the preliminary recommendations for each bridge for the Project Team's further consideration.

Date & Time: December 2, 2024, 6:00 pm – 8:00 pm
Location: Centre Wellington Community Sportsplex - Gord Brown Hall
550 Belsyde Avenue East, Fergus

The Project

The Township of Centre Wellington initiated the Bridge and Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E & 7-E) earlier this year. This study is evaluating the role of these structures within the overall transportation network and connectivity in the community to determine the future of the bridge at each location.

Three of the four bridges (3-E, 5-E, 7-E) are temporarily closed due to poor condition. The fourth bridge (2-WG) is open with load restrictions. The locations of the structures are shown in the key plan herein.



The Study Process

Since the first Public Open House (July 24, 2024), an evaluation was undertaken to review whether each bridge should be closed permanently, rehabilitated (with minor upgrades and modifications), or replaced. A preliminary preferred alternative has been selected and will be shared with the public during this Public Open House. Information will be provided to describe how the options for each bridge were evaluated and how recommendations were developed. Conceptual designs will be provided and the potential environmental impacts, mitigation measures and future commitments to be considered during design and implementation of the preferred alternative will be outlined. The preliminary findings are subject to final analysis following input from the public, agencies and Indigenous Communities. Comments received following the upcoming Public Open House will be further considered by the Project Team and used to confirm the final preferred alternative to be implemented in the future.

Consultation and Input

Those attending the Public Open House will have the opportunity to speak directly with members of the Project Team and provide written comments for consideration in finalizing the preferred alternative.

If you are unable to attend the PIC, a webpage containing study information is available. An online forum will be made available at this webpage from December 2nd to 20th, 2024 to allow stakeholders to share, collaborate, exchange ideas and learn more about this project. To access the online forum and review ongoing project updates, visit the webpage at:

https://www.connectcw.ca/bridge-transportation-network-study-four-bridges

If you have questions or comments regarding the study, or would like to be included on the mailing list to receive future notices and study updates, please contact one of the Project Team members below:

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
705-797-4310
andrew.dawson@rjburnside.com

Information will be collected in accordance with the *Municipal Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record. If you have accessibility requirements in order to participate in this project, please contact one of the project team members listed above.

**** Please review your proof and reply with changes or approval****

OUR DEADLINE FOR CORRECTIONS IS TUESDAY AT NOON. If we do not hear from you, your ad will be printed in the newspaper as it is here. Please feel free to call us to discuss your ad. *Ads are designed for our publication ONLY. We do not charge for design however if you would like a jpeg version of your ad for social media a nominal $20 charge will apply. A CANCELLATION FEE OF $50 applies to any ads cancelled after MONDAY AT 5PM.*

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Appendix C

Public Open House No. 2 Display Boards

Township of Centre Wellington

Bridge and Transportation Network Study for Four Bridges

Public Open House #2

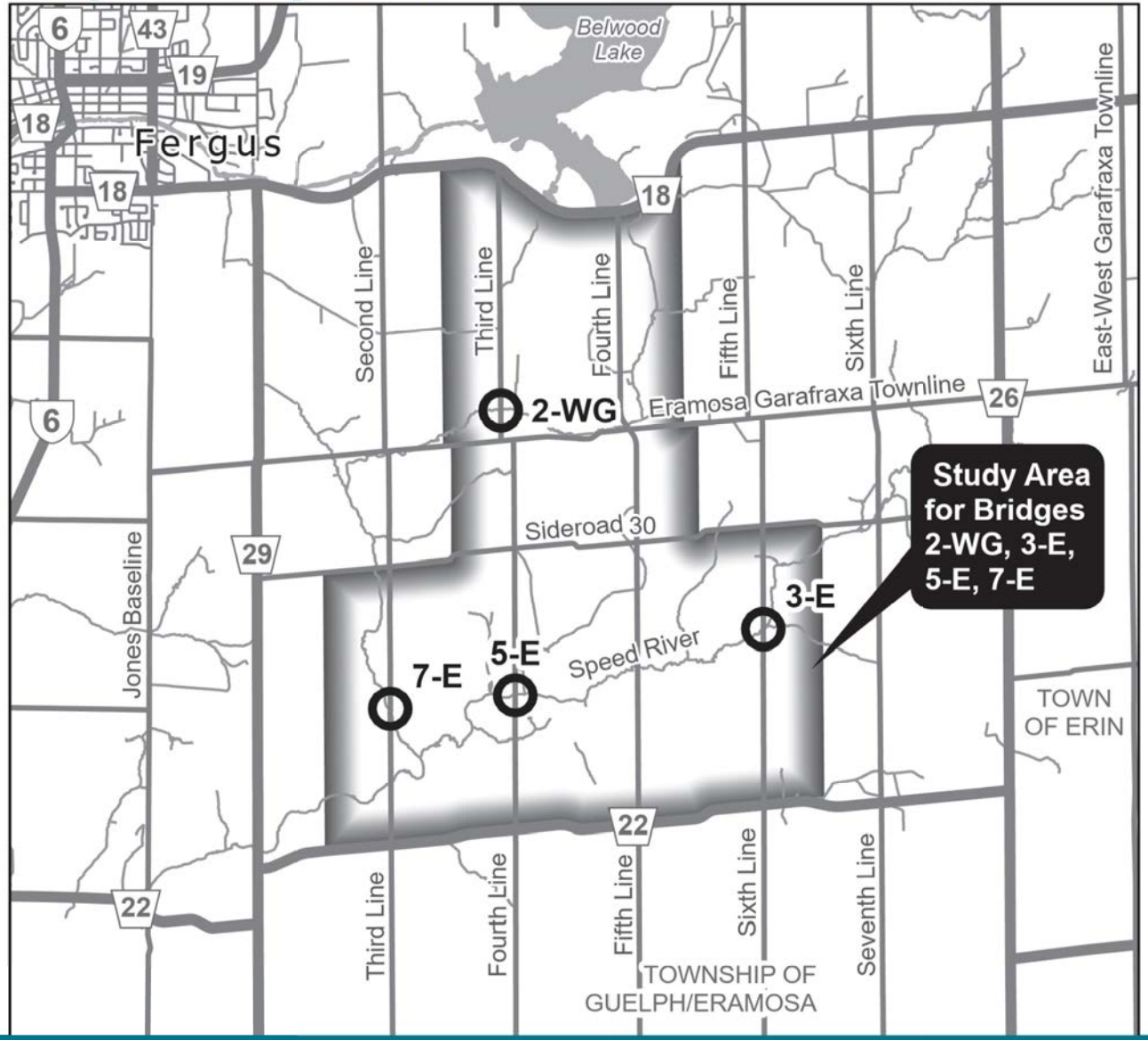
Centre Wellington Community Sportsplex - Gord Brown Hall
December 2, 2024
6:00 – 8:00 p.m.

Project Study Area & Alternative Solutions

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Project Study Area:



- List of scenarios was narrowed down based on high-level criteria determined through the Transportation Study:
  - Existing conditions (only 2-WG open) always considered in studies
  - Closure of all bridges is used as the base line for comparison
  - 2-WG to remain opened as there is no alternative for farm equipment to using Wellington 8 to get to south
  - If 7-E is not opened, properties would be landlocked if closure of 8-E is required in future.

ALTERNATIVE SOLUTIONS:

1. **DO NOTHING**
   - Leave the existing structures in their current deteriorating state and take no action. Bridge 2-WG remains open but load limited, until eventual closure when it further deteriorates. Structures remain in place until they collapse
2. **ALL BRIDGES CLOSED & REMOVED**
   - Remove structures to eliminate risk to the public and impacts of potential future collapse.
3. **REPLACE ALL BRIDGES**
4. **REPLACE BRIDGES 2-WG, 3-E & 7-E**
   - Remove Bridge 5-E and construct turn-arounds at removed structure location
5. **REPLACE BRIDGES 2-WG, 5-E & 7-E**
   - Remove Bridge 3-E and construct turn-arounds at the removed structure location
6. **REPLACE BRIDGES 2-WG & 7-E**
   - Remove Bridges 3-E and 5-E and construct turn-arounds at the removed structure locations

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Transportation Study

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Cross-Community Travel :

- Evaluates travel from north of bridges to communities south of study area (Rockwood, Guelph, Erin) & from south of bridges to communities north of study area (Belwood, Fergus, Elora)

Individual Bridges:

Bridges Open	2-WG	3-E	5-E	7-E
Avg Time Saved (mins)	2.1	1.3	1.8	1.4
Score	3.50	4.00	2.40	3.00
Rank	1	4	2	3

Key Findings:

- Opening Bridge 2WG results in the most time/distance savings
- Opening Bridge 3E results in the least time / distance savings

Transportation Network Alternatives:

Alternative	1	2	3	4	5	6
Bridges Open	2-WG	None	All	2-WG, 3-E & 7-E	2-WG, 5-E & 7-E	2-WG & 7-E
Avg Time Saved (mins)	2.1	0.0	6.6	4.8	5.3	3.5
Traffic Volume Benefited	50	0	270	220	170	120
Score	0.51	0.00	4.00	3.15	2.78	1.94
Rank	5	6	1	2	3	4

Emergency Response Time:

- Evaluates travel from emergency response originating in Fergus or Rockwood (whichever is closest) to destinations each side of bridge

Individual Bridges:

Bridges Open	2-WG	3-E	5-E	7-E
Avg Time Saved (mins)	0.0	0.0	2.1	0.9
Properties Benefited	0	0	11	8
Score	0.00	0.00	4.00	1.22
Rank	3	3	1	2

Key Findings:

- Properties north of bridges are not impacted
- Opening Bridge 2-WG does not provide benefit because of proximity to Eramosa-Garafraxa Townline
- Properties south of 3-E have faster response times from Rockwood stations and therefore are not impacted by closure

Transportation Network Alternatives:

Alternative	1	2	3	4	5	6
Bridges Open	2-WG	None	All	2-WG, 3-E & 7-E	2-WG, 5-E & 7-E	2-WG & 7-E
Avg Time Saved (mins)	0.0	0.0	1.6	0.9	1.6	0.9
Properties Benefited	0	0	19	8	19	8
Score	0.00	0.00	4.00	0.94	4.00	0.94
Rank	5	6	1	3	1	3

Centre Wellington Transportation Study

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Slow Moving Vehicles:

- Evaluates impacts associated to agricultural equipment travel within community
- Uses non-arterial routes (no Wellington Roads or Fifth Line Eramosa), where alternative is available

Individual Bridges:

Bridges Open	2-WG	3-E	5-E	7-E
Max Time Saved (mins)	14.6	28.9	28.7	32.2
Same-Ownership Farms impacted	6	1	2	1
Score	4.0	2.3	3.2	2.6
Rank	1	4	2	3

Notes: Travel times based on 25 km/h speed for slow moving vehicles
Scoring of 2-WG increased because it requires Wellington Road 18 still be used

Key Findings:

- There is no alternative to using Wellington Road 18 if 2-WG closed
- Open at least one of 5-E or 7-E to avoid travel on arterial routes
- Bridge 2-WG has most parcels of land with a single owner that are bisected by the bridge

Transportation Network Alternatives:

Alternative	1	2	3	4	5	6
Bridges Open	2-WG	None	All	2-WG, 3-E & 7-E	2-WG, 5-E & 7-E	2-WG & 7-E
Total Time Saved (mins)	44.0	0	205.0	139.1	157.5	101.9
Same-Ownership Farms impacted	6	0	10	8	9	7
Score	1.8	0.0	4.0	3.0	3.4	2.4
Rank	5	6	1	3	2	4

Note: Total Time Saved is a measure for comparison only, based on the seven routes analyzed as part of the study. This time savings is not for one specific route. The individual time saved per route varies.

Local Community Travel:

- Analysis of travel routes with origins and destinations within the study area.
- Represents impacts to delivery and collection services, buses, snow-ploughs, etc.

Individual Bridges:

Bridges Open	2-WG	3-E	5-E	7-E
Total Time Saved (mins)	14.1	5.5	6.7	6.0
Score	4.0	1.6	1.9	1.7
Rank	1	4	2	3

Note: Total Time Saved is a measure for comparison only, based on the seven routes analyzed as part of the study. This time savings is not for one specific route. The individual time saved per route varies.

Key Findings:

- Opening 2-WG provides the most time savings by a large margin
- Compounding benefits for opening 2-WG in combination with any of the other 3 bridges

Transportation Network Alternatives:

Alternative	1	2	3	4	5	6
Bridges Open	2-WG	None	All	2-WG, 3-E & 7-E	2-WG, 5-E & 7-E	2-WG & 7-E
Total Time Saved (mins)	14.1	0	34.4	24.3	26.9	18.8
Score	1.6	0.0	4.0	2.8	3.1	2.2
Rank	5	6	1	3	2	4

Note: Total Time Saved is a measure for comparison only, based on the seven routes analyzed as part of the study. This time savings is not for one specific route. The individual time saved per route varies.

Centre Wellington Transportation Study

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Transportation Evaluation Summary:

Individual Structure Evaluation:

Criteria / Alternative	2-WG	3-E	5-E	7-E
Cross-Community Travel	3.5	4.0	2.4	3.0
Emergency Response	0.0	0.0	4.0	1.2
Slow-Moving Equipment	4.0	2.3	3.2	2.6
Local Community Travel	4.0	1.6	1.9	1.7
TRANSPORTATION	**11.5**	**7.9**	**11.5**	**8.5**
TRANSPORTATION RANKING:	1	4	1	3

Key Findings:

- Replacement of 7-E was determined to be required in order to not land-lock properties upon Bridge 8-E requiring replacement.
- Bridge 2-WG is required to remain open to provide alternative routes to Wellington 18 for farm equipment / slow-moving vehicles.

Transportation Network Evaluation:

Least Preferred  Most Preferred

Criteria / Alternative	2-WG Open	All Closed	All Open	2WG, 3E & 7E Open	2WG, 5E & 7E Open	2WG & 7E Open
Cross-Community Travel	◔	○	●	◕	◕	◑
Emergency Response	○	○	●	◔	●	◔
Slow-Moving Equipment	◑	○	●	◕	◕	◑
Local Community Travel	◑	○	●	◕	◕	◑
TRANSPORTATION	◔	○	●	◑	◕	◑
Numerical Rating	**1.18**	**0.00**	**4.00**	**2.42**	**3.45**	**1.93**
TRANSPORTATION RANKING:	5	6	1	3	2	4

Key Findings:

- Opening more structures is preferred from a transportation perspective
- For the options which consider opening 3 bridges, opening 2-WG, 5-E & 7-E provides the most overall benefit to the transportation network

Structure Type Evaluation & Cost Estimates

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Evaluation of Structure Types:

Rehabilitation and several bridge replacement types were evaluated to determine the most suitable option for opening of the bridge to vehicular traffic

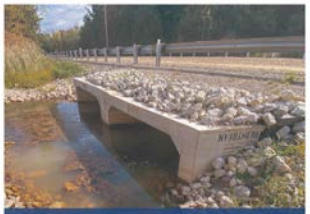
Structure Type Evaluation Matrix		Rehabilitation	Single Span Slab on Girder	Single Span Precast Rigid Frame	Twin Cell Box Culvert	Multi-Cell CSP	Single Lane Modular Bridge
Criteria	**Weight**						
Achievable Spans	N/A	Existing	34m	16m	2 x 6.4m	4 x 3m	20m +/-
Driving Platform Width	5	1	5	5	5	5	3
Road Profile	5	3	2.5	2.5	2.5	2.5	2.5
Load Capacity	5	1.5	5	5	5	5	5
Maintenance	5	3	5	5	5	5	1
Property Impacts	5	5	3	3	2	2	5
Environmental	5	4.5	4	4	2	1	4
Hydraulics	5	1.5	4	3.5	3	1.5	4
Heritage	5	5	3	3	1	1	1
Pedestrian Use	5	2	4	4	4	4	2.5
Construction Cost	5	5	1.8	2.3	2.9	4.1	2.9
Construction Duration	5	5	3	3.5	4.5	5	4.5
Service Life	5	1	5	5	5	3.4	5
TOTAL:	/ 60	37.5	**45.3**	**45.9**	41.9	39.5	41.6

Recommended Improvement (if opening preferred):

Bridge	Required Span (1)	Preferred Structure Type	Skew	Design Speed	Estimated Cost
2-WG	15.0m	Precast Concrete Rigid Frame (2)	0 deg	60 km/h	$1.5M
3-E	18.0m	Slab on Prestressed B700 Box Girders	15 deg	50 km/h	$1.8M
5-E	15.0m	Precast Concrete Rigid Frame (2)	10 deg	60 km/h	$1.5M
7-E	11.5m	Precast Concrete Rigid Frame	5 deg	60 km/h	$1.25M

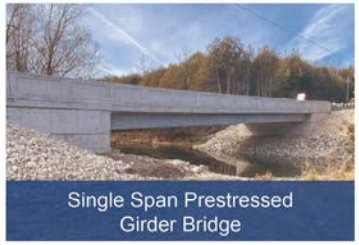
EXAMPLE VISUAL OF BRIDGE TYPES:


Multi-Cell Corrugated Steel Pipe


Precast Concrete Box Culverts


Corrugated Steel Pipe Open-Footing Arch Culverts


Single Span Precast Concrete Rigid Frame


Single Span Prestressed Girder Bridge


Prefabricated Modular Bridge

Key Findings:

- Large corrugated steel culverts (open-footing arch shapes) were not hydraulically efficient enough to provide the required capacity for the watercourse & weren't carried forward in evaluation.
- Replacement with Two-lane Bridge is preferred over narrow platform as it provides additional clearance for farm equipment and allows pedestrians to safely use the shoulders
- Single-span structure is preferred over multi-cell culverts, as it provides the most efficient hydraulic opening and is less prone to blockage, reducing the risk of upstream flooding
- The scoring difference between the slab-on-girder bridge and the pre-cast rigid frame is marginal and sensitive to minor adjustments to cost and hydraulics. Confirmation of structure type should be further evaluated during detailed design when costs and hydraulics are more refined.

(1) Required span is based on preliminary hydraulics and may be further refined during detailed design.

(2) For 15m spans, a Concrete Slab on Prestressed Solid-Slab S500 girders may also be considered during detailed design. Preferred structure type may vary depending on more refined cost and hydraulic performance determined during detailed design

Natural & Cultural Heritage Environments

Natural Environment:

- Species at Risk:
  - Confirmed Barn swallow habitat at 3-E & 2-WG would be impacted with replacement or removal.
  - Potential Habitats for Canada Warbler, Barn Swallows, Whip-poor-Will, Wood-pewee, Monarchs, Snapping Turtles and Western Chorus Frogs at various structures would be impacted with construction activities surrounding bridges.
- Wetlands:
  - Non-Provincially Significant Wetlands immediately adjacent to bridges 2-WG, 3-E & 7-E potentially impacted if bridge replaced.
- Significant Woodlands:
  - Potential tree removals along right-of-way within significant woodlands along right-of-way for road widening at 3-E, 5-E & 7-E
- Aquatic Habitat:
  - Opportunity for improvements to soft-bottom at 2-WG and 3-E
  - Evidence of groundwater upwelling at Bridge 5-E. Needs to be maintained with open bottom structure.
  - Opportunity to provide slope bank stability to reduce erosion potential at 5-E
  - Existing conditions provide good fish habitat at 7-E

Note: Impacts to the Natural Environment will be mitigated to the extent possible during the detailed design by minimizing excavation limits, tree removals and disturbances to habitats.

Built & Cultural Heritage Assessment:

- Bridge 3-E has been identified to meet one criteria for Cultural Heritage Value or Interest:
  - Represents one of the few remaining 'rainbow arch bridges' that Wellington County was once known for.
  - Designed by Fergus architect Charles Mattaini, who built close to 70 bowstring bridges in Southern Ontario

Potential Impacts to Built or Cultural Heritage	Potential Mitigations
Loss of defining elements, including 'Rainbow Arch' truss and decorative railing panels if Bridge 3-E is removed.	• Salvage elements of bridge for conservation work or displays. • Use similar structure type (concrete bridge) and consider the use of commemorative elements, such as a decorative arch or commemorative plaque. • Document original structure in historical records prior to removing.
The context of a bridge historically being present at that crossing is no longer prevalent if structure is removed	• Document each structure prior to removal and deposit in a publicly accessible repository.

Archeological:

- Stage 1 Archeological study was completed and determined that all areas have been previously disturbed and are have low potential of archeological assessment

Evaluation of Alternatives

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Evaluation Matrix:

Highest Impact / Least Preferred ○ ◔ ◑ ◕ ● Least Impact / Most Preferred

Criteria	Do Nothing	Remove All	Replace All	Replace 2-WG, 3-E & 7-E	Replace 2-WG, 5-E & 7-E	Replace 2-WG & 7-E
TRANSPORTATION						
Cross-Community Travel	◔	○	●	◕	◕	◑
Emergency Response Times	○	○	●	◔	●	◔
Slow Moving Vehicle Accommodation	◑	○	●	◕	◕	◑
Local Community Travel	◑	○	●	◕	◕	◑
TRANSPORTATION SUMMARY	◔	○	●	◑	◕	◑
NATURAL ENVIRONMENT						
Environmentally Sensitive Areas	◑	◕	◑	◑	◕	◕
Terrestrial Habitat	◕	●	◔	◑	◑	◕
Fisheries / Aquatic Habitat	○	●	◑	◑	◑	◔
Species at Risk	◕	●	○	◔	◔	◑
NATURAL ENVIRONMENT SUMMARY	◑	●	◔	◑	◑	◑
SOCIAL & CULTURAL ENVIRONMENTS						
Social Environment	◔	○	◕	◕	◕	◑
Archaeological	◕	●	◑	◕	◕	◕
Cultural & Built Heritage	◔	◔	◕	◕	◕	◑
Community Preference	◔	◔	●	◕	◕	◑
SOCIAL & CULTURAL SUMMARY	◑	◔	◕	◕	◕	◑
ECONOMIC ENVIRONMENT						
Capital Costs	●	●	○	◔	◔	◑
Maintenance & Operational Costs	○	●	◔	◑	◑	◕
ECONOMICS SUMMARY	◑	●	◔	◔	◑	◕
OVERALL RANKING (EQUAL WEIGHTING)	6	2	4	5	1	3
OVERALL RANKING (SENSITIVITY ANALYSIS)	6	5	2	4	1	3

Criteria Weighting & Sensitivity Analysis

- The 'pies' shown are a simplified visualization of the numerical rating system used. Options with the same 'pie' graphic do not necessarily have the exact same numerical rating.
- The 'Overall Ranking (Equal Weighting)' is provided based on equal weighting for each criteria (25% Transportation, 25% Natural Environment, 25% Social & Cultural Environments and 25% Economic Environment)
- The 'Overall Ranking (Sensitivity Analysis)' is based on the combined results of a series of scenarios ran with different weighting criteria for each of the categories.
- The preferred alternative was consistent across the equally weighted and sensitivity analysis rankings.

Preferred Alternative:

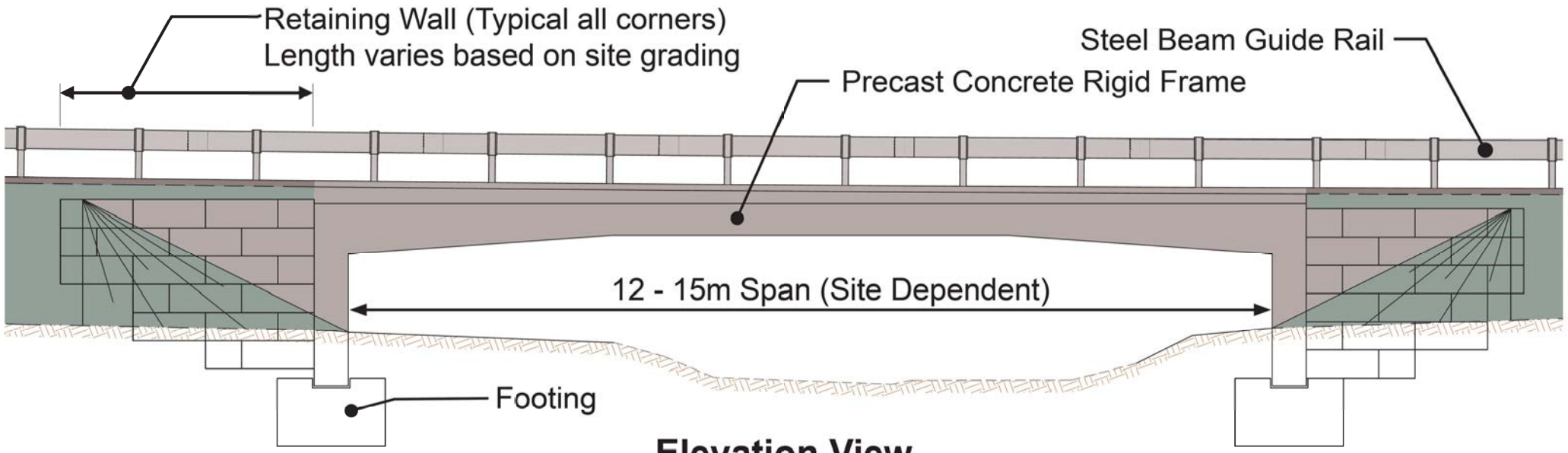
REPLACEMENT OF BRIDGES 2-WG, 5-E & 7-E

- Replaces all structures that benefit emergency response times
- Replaces 3 bridges with the most benefit to:
  - Travel times with agricultural equipment
  - Simplified routes for deliveries, buses, municipal services, etc.
  - Commute times for local residents to surrounding areas
- Eliminates need for travel on arterial routes.
- Provides opportunity for use as emergency detour routes during closures of County roads
- Areas of opportunity for improvements to fisheries and erosion concerns identified at 2-WG and 5-E can be addressed with replacement
- Highest Cost-Benefit ratio
- Bridge 3-E can be maintained as a pedestrian crossing, allowing its heritage to be prolonged, until it further deteriorates to a point where it can no longer carry pedestrian loads.

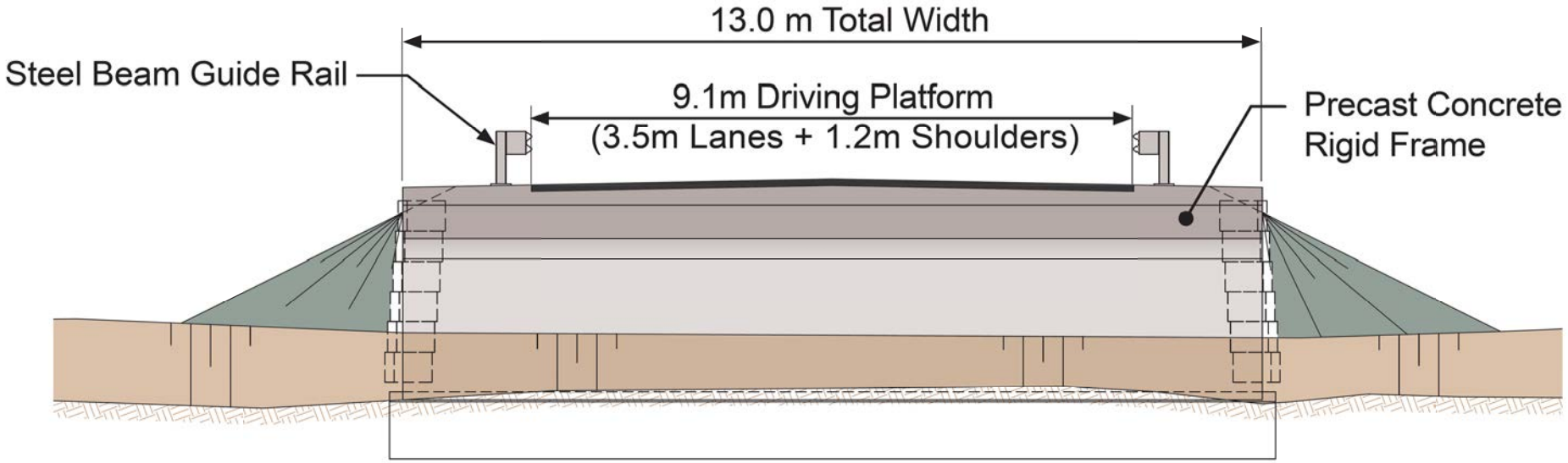
Design Concept
Precast Rigid Frame

Centre Wellington

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Elevation View



Cross-Section Through Mid-Span

Invitation to Participation

We want to hear from you!

You are invited to provide comments by completing a comment sheet and submitting it to the comment box today or by mailing or emailing one of the Project Team members below before December 20th, 2024:

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square
Elora, ON N0B 1S0
Tel: 519-846-9691 ext. 355
adickieson@centrewellington.ca

Andrew Dawson, P.Eng
Consultant Project Manager
R. J. Burnside and Associates Limited
292 Speedvale Avenue West, Unit 20
Guelph, ON N1H 1C4
Tel: 705-797-4310
andrew.dawson@rjburnside.com

The display boards and a recorded presentation will be available on the project webpage after the Open House.

www.connectcw.ca/bridge-transportation-network-study-four-bridges

If you would like to request access to the files by another means other than through the website, please contact one of the Project Team Members above

Next Steps:



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Appendix D

Live Presentation Slide Show

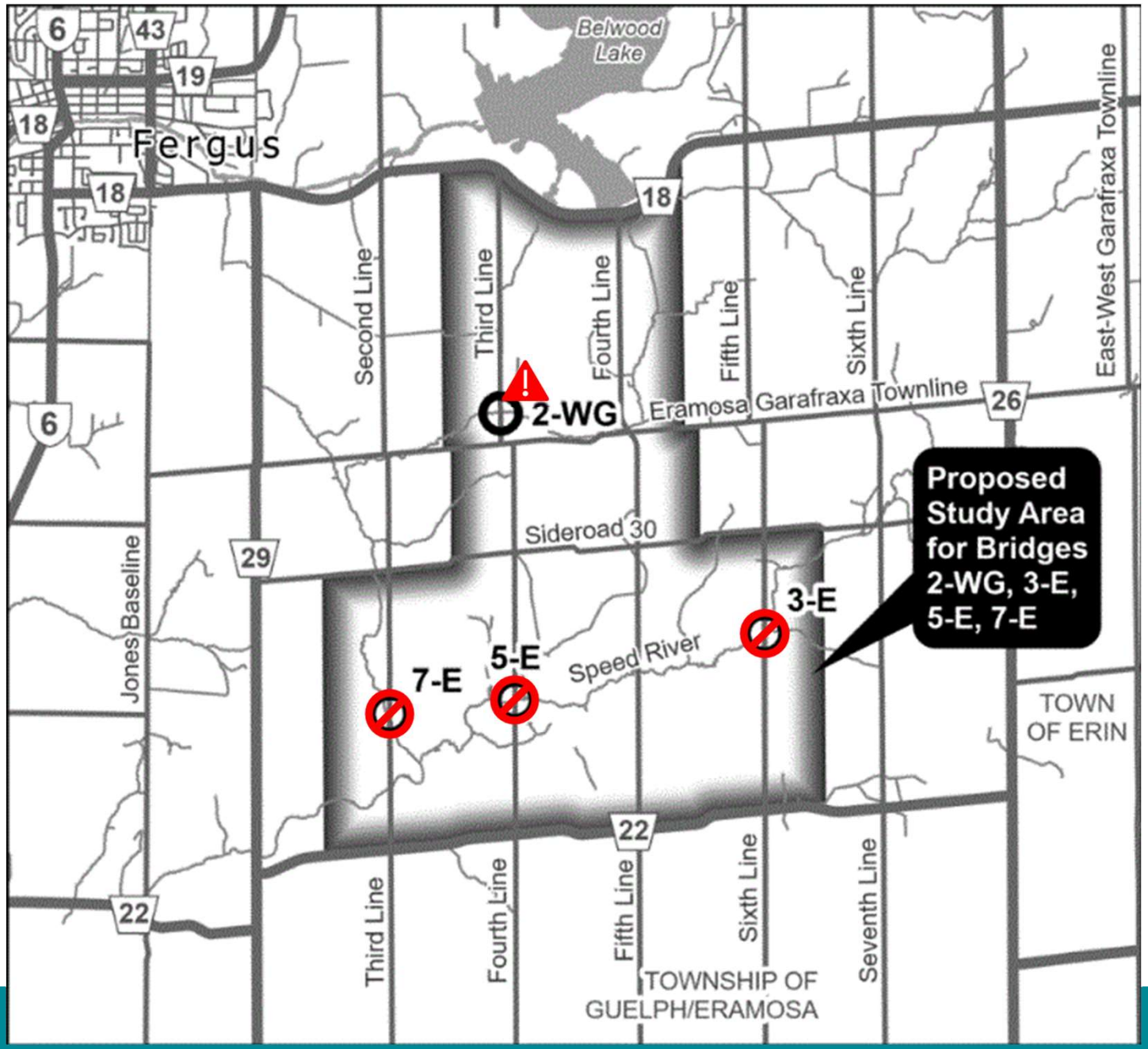
Township of Centre Wellington

Bridge and Transportation Network Study for Four Bridges

Public Open House #2

December 2, 2024
6:00 – 8:00 p.m.
Centre Wellington Community Sportsplex - Gord Brown Hall

Study Area



2-WG (Load Limit)
- Third Line West-Garafraxa
- Through Girder

3-E (Closed)
- Sixth Line Eramosa
- Bowstring Arch

5-E (Closed)
- Fourth Line Eramosa
- Through Girder

7-E (Closed)
- Third Line Eramosa
- Through Girder

The Study

- Review impacts of closures to transportation
- Review options of repair, removal or replacement
- Consider input from Public
- Results will guide Township's capital planning

Study Process

Study Commencement

Identify Problem & Opportunities

Public Open House # 1

Identify Alternative Solutions

Background Investigations / Field Studies

Evaluate Alternatives

Select Preliminary Preferred Alternative

WE ARE HERE!

Public Open House # 2

Confirm Preferred Alternative

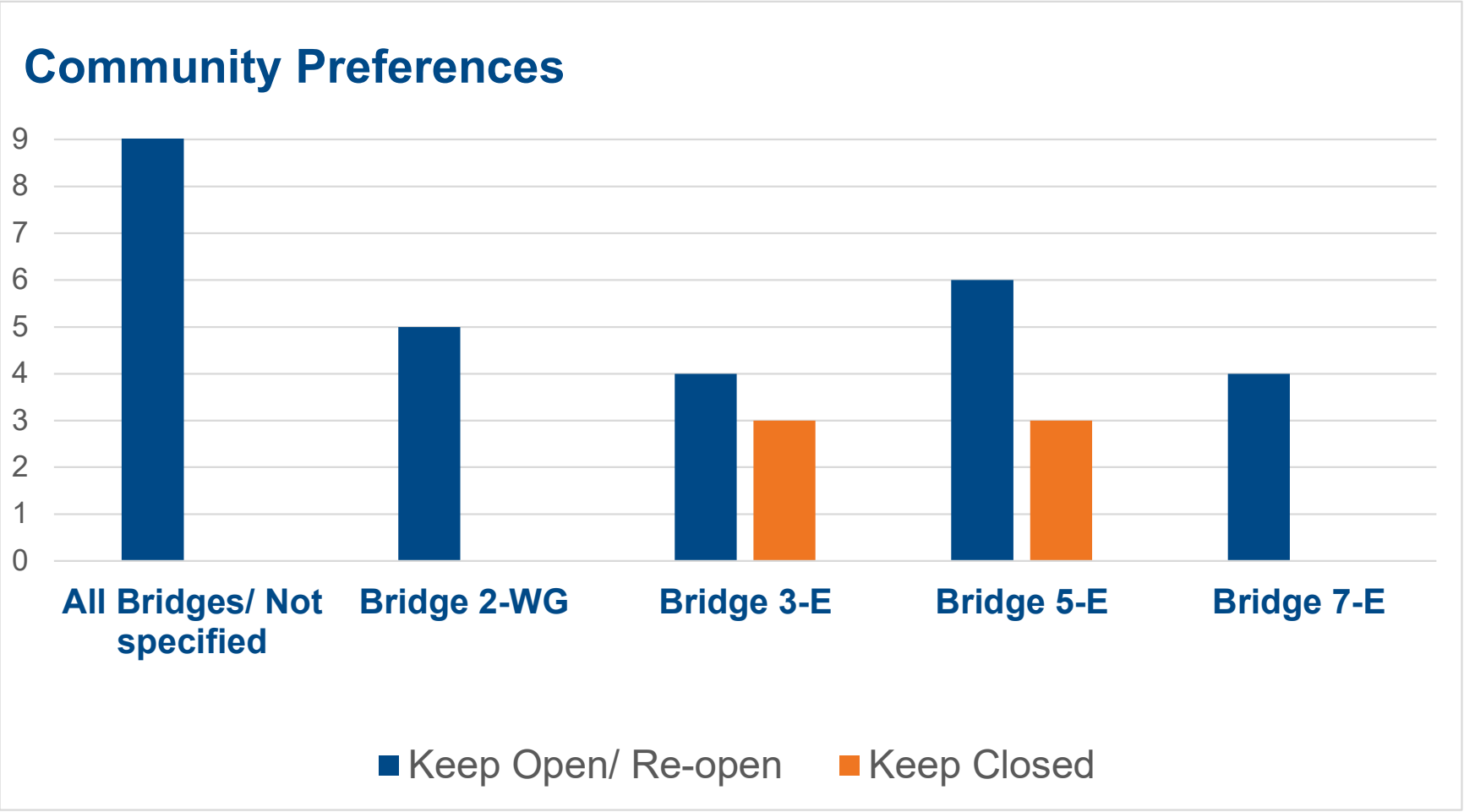
Study Documentation Report

Public Review

Study Completion

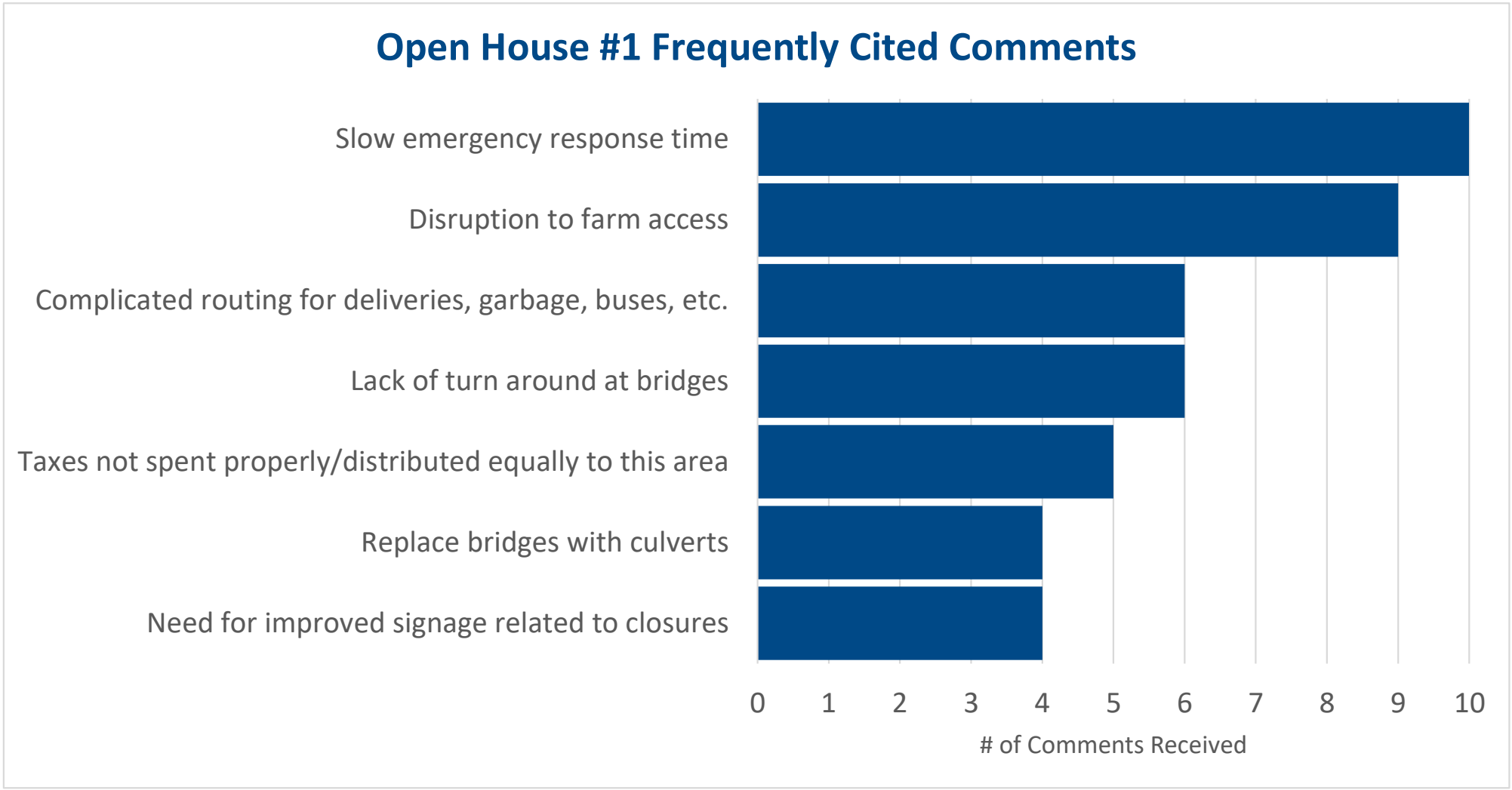
Open House #1 Feedback

Your opinions were considered in the evaluation!



Open House #1 Feedback

Your comments have been heard and considered!



Transportation Studies

Problem / Opportunity

Delays to Emergency Service Response

Study Solution

Emergency Response Impact Study



Results:

Rank	Bridge	Score
1	5-E	4.0
2	7-E	1.2
3	3-E	0.0
4	2-WG	0.0

Transportation Studies

Problem / Opportunity

Lengthy Detours / Disruption for Farming Operations

Study Solution

Slow Moving Vehicle Traffic Impact Study



Results:

Rank	Bridge	Score
1	2-WG	4.0
2	5-E	3.2
3	7-E	2.6
4	3-E	2.3

- No alternative to Wellington Road 18 if 2-WG closed
- Open one of 5-E or 7-E

Transportation Studies

Problem / Opportunity

Complicated Routes for Garbage Collection, Buses, Deliveries, etc.

Study Solution

Inner-Community Travel Impact Study



Results:

Rank	Bridge	Score
1	2-WG	4.0
2	5-E	1.9
3	7-E	1.7
4	3-E	1.6

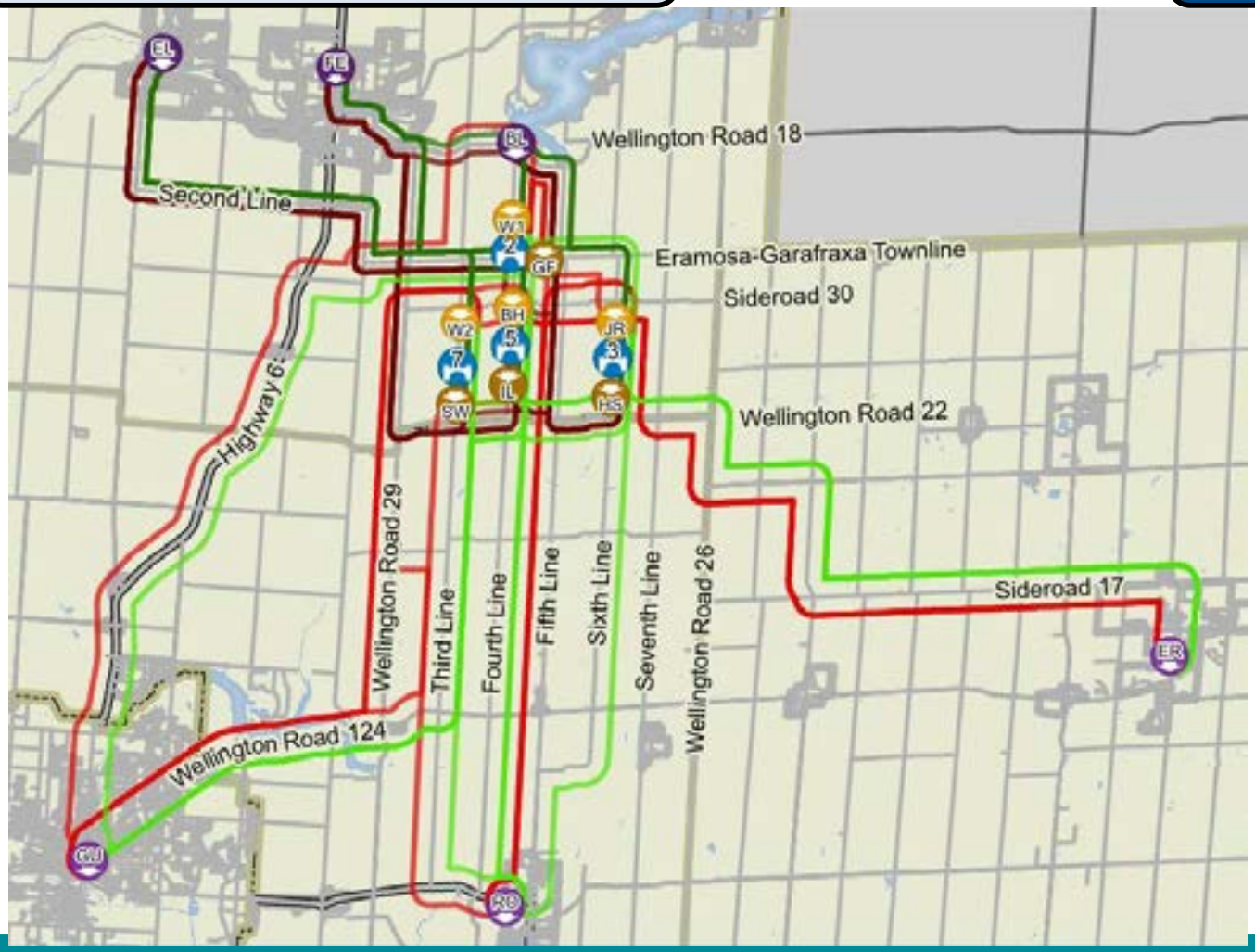
Transportation Studies

Problem / Opportunity

Concerns related to increased commute times

Study Solution

Cross-Community Traffic Impact Study



Results:

Rank	Bridge	Score
1	2-WG	4.0
2	5-E	2.7
3	7-E	2.4
4	3-E	2.1

Transportation Study Summary

Individual Structure Evaluation:

Criteria / Alternative	2-WG	3-E	5-E	7-E
Cross-Community Travel	3.5	4.0	2.4	3.0
Emergency Response	0.0	0.0	4.0	1.2
Slow-Moving Equipment	4.0	2.3	3.2	2.6
Local Community Travel	4.0	1.6	1.9	1.7
TRANSPORTATION	**11.5**	**7.9**	**11.5**	**8.5**
TRANSPORTATION RANKING:	1	4	1	3

Structure Type Evaluation

Problem / Opportunity

Use culverts or single lane Bridges because they are cheaper

Study Solution

Structure Type Evaluation



Multi-Cell Corrugated Steel Pipe



Precast Concrete Box Culverts



Corrugated Steel Pipe Open-Footing Arch Culverts



Single Span Precast Concrete Rigid Frame



Single Span Prestressed Girder Bridge

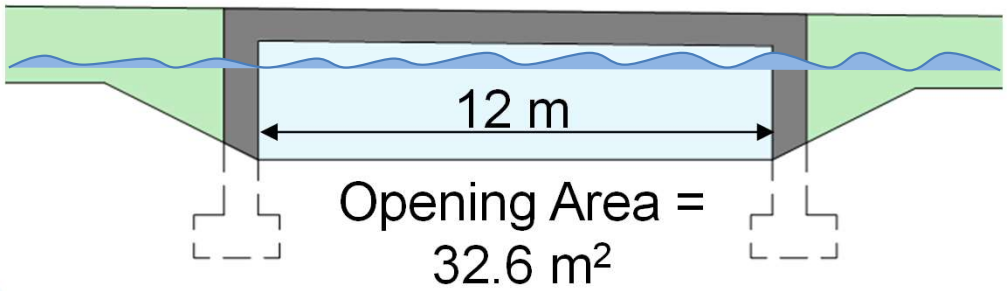


Prefabricated Modular Bridge

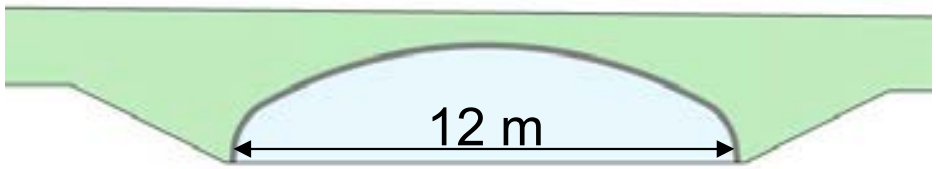
Structure Type Evaluation

HYDRAULIC CAPACITY:

SINGLE SPAN BRIDGE: PREFERRED

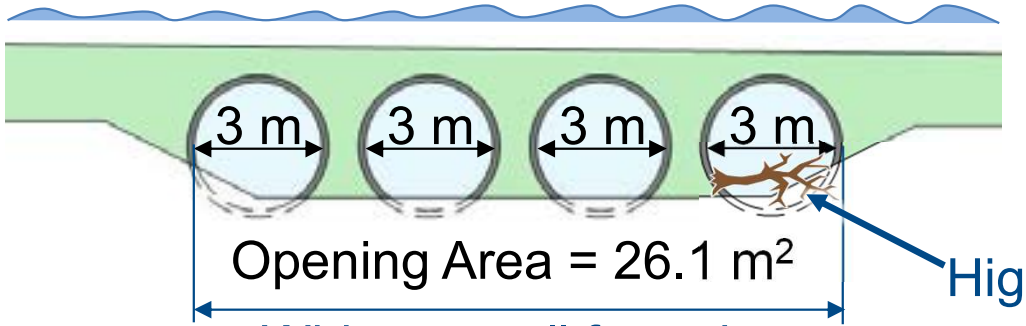


LARGE ARCH CULVERTS:



Opening Area = 23.3 m²

MULTI-CELL CULVERTS:



Higher potential for blockage

Structure Type Evaluation

NARROW BRIDGES:

- Single lane bridge (up to 4.9 m) too narrow for larger agricultural equipment



4.4m – 5.3m

- Narrow Two-Lane Bridge (6.0 m) was considered but found to be less preferred than Township standard (9.1 m)

Preferred Structure Type

Preferred Structure Type (***if replaced***):

For Span < 16m:



Single Span Precast Concrete Rigid Frame

- 2-WG = 15.0 m
- 5-E = 15.0 m
- 7-E = 12.5 m

For Span > 16m:



Single Span Prestressed Girder Bridge

- 3-E = 18.0 m

Public Feedback

Problem / Opportunity	Study Solution
Ineffective signage for bridge closures	Township has installed additional signage at currently closed bridges
Concerns of increased traffic & speed if bridges re-opened	Posted regulated speed limits of 50 – 60 km/h
Conflict with pedestrian use if bridges re-opened	Wider structures with shoulders for pedestrian use
Better planning required for coordination with nearby closures	Impacts of future work on bridges within surrounding areas was considered



Public Feedback

Problem / Opportunity

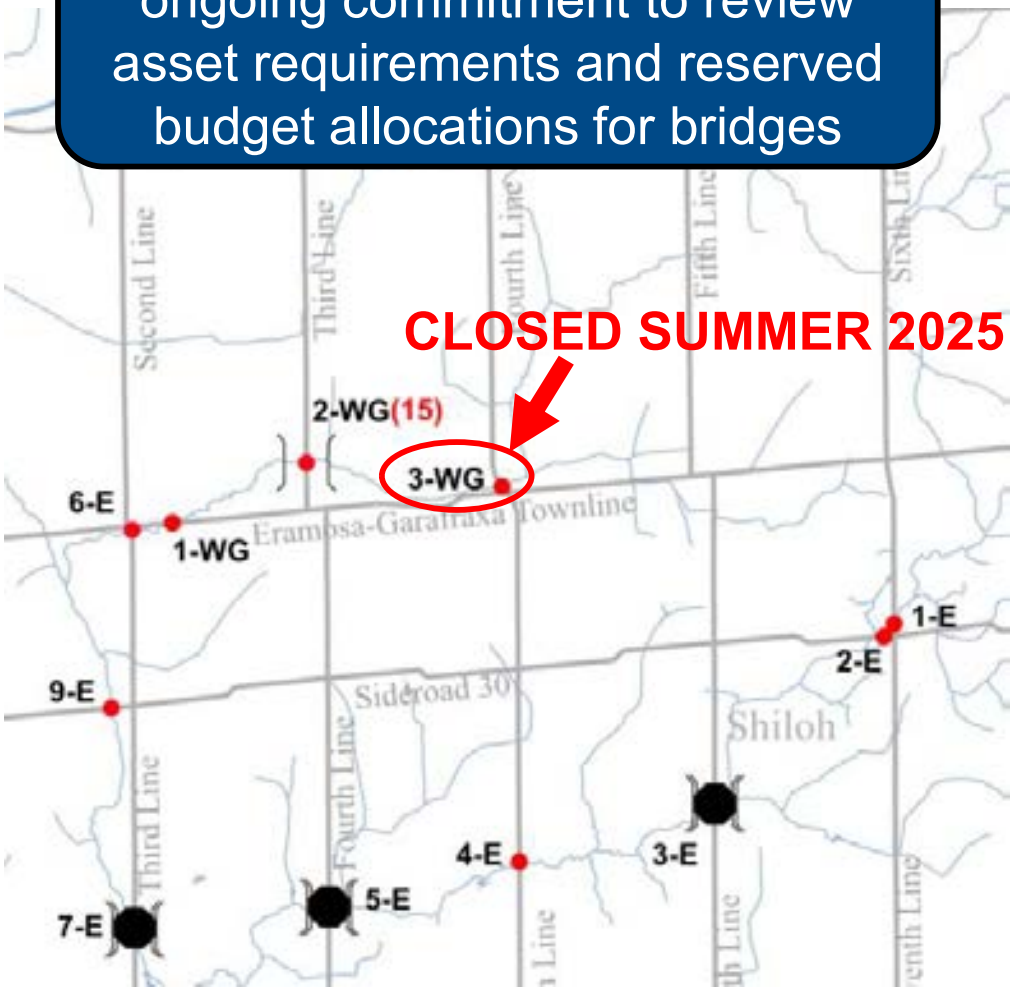
Infrastructure in the study area has been neglected

Study Solution

This Study & the Township's ongoing commitment to review asset requirements and reserved budget allocations for bridges

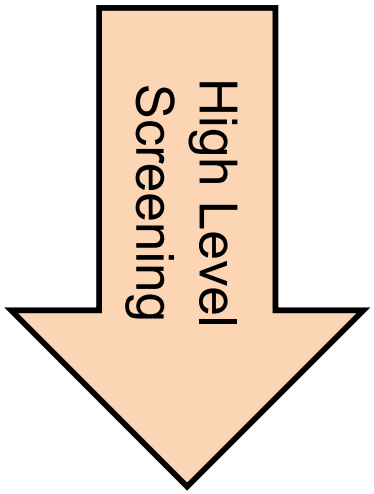
BRIDGE 3-WG
(4TH LINE, WEST-GARAFRAXA)
WILL BE
CLOSED FOR CONSTRUCTION
SUMMER 2025.

MAJOR REHABILITATION WORK TO EXTEND SERVICE LIFE



Alternatives

16 Alternatives



- Do Nothing always considered
- All Bridges closed used for baseline
- Screening of remaining options to narrow down to 6 alternatives

6 Alternatives Carried Forward:

	1	2	3	4	5	6
2-WG	O	X	O	O	O	O
3-E	X	X	O	O	X	X
5-E	X	X	O	X	O	X
7-E	X	X	O	O	O	O

O Bridge Open

X Bridge Closed

Evaluation Criteria

The alternatives being assessed were evaluated on a series of considerations including, but not limited to:



Transportation

- Cross-Community Travel
- Emergency Response
- Slow Moving Vehicle Accommodation
- Local Community Travel



Natural Environment

- Environmentally Sensitive Areas
- Wildlife Habitats
- Fisheries/Aquatic Habitat
- Species at Risk



Social & Cultural Environment

- Socio-Economic Conditions
- Archaeological, Built & Cultural Heritage
- Community Input

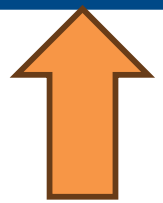


Economic Environment

- Capital Costs
- Lifecycle Costs
- Operational and Maintenance Costs

Evaluation of Alternatives

CRITERIA	Alternative 1: Do Nothing	Alternative 2: All Bridges Closed	Alternative 3: All Bridges Open	Alternative 4: Bridges 2WG, 3E & 7E Open	Alternative 5: Bridges 2-WG, 5-E & 7-E Open	Alternative 6: Bridges 2-WG & 7-E Open
Transportation	1.18	0.00	**4.00**	2.42	3.45	1.93
Environmental	1.92	**3.75**	1.25	1.69	2.02	2.21
Economic	1.85	**4.00**	0.50	1.50	1.61	2.60
Social & Cultural	1.60	1.38	2.88	**2.89**	2.79	2.18
Equal Weight	**6.55**	**9.13**	**8.63**	**8.71**	**9.87**	**8.92**



PREFERRED ALTERNATIVE

Preferred Alternative

REPLACEMENT OF BRIDGES 2-WG, 5-E & 7-E

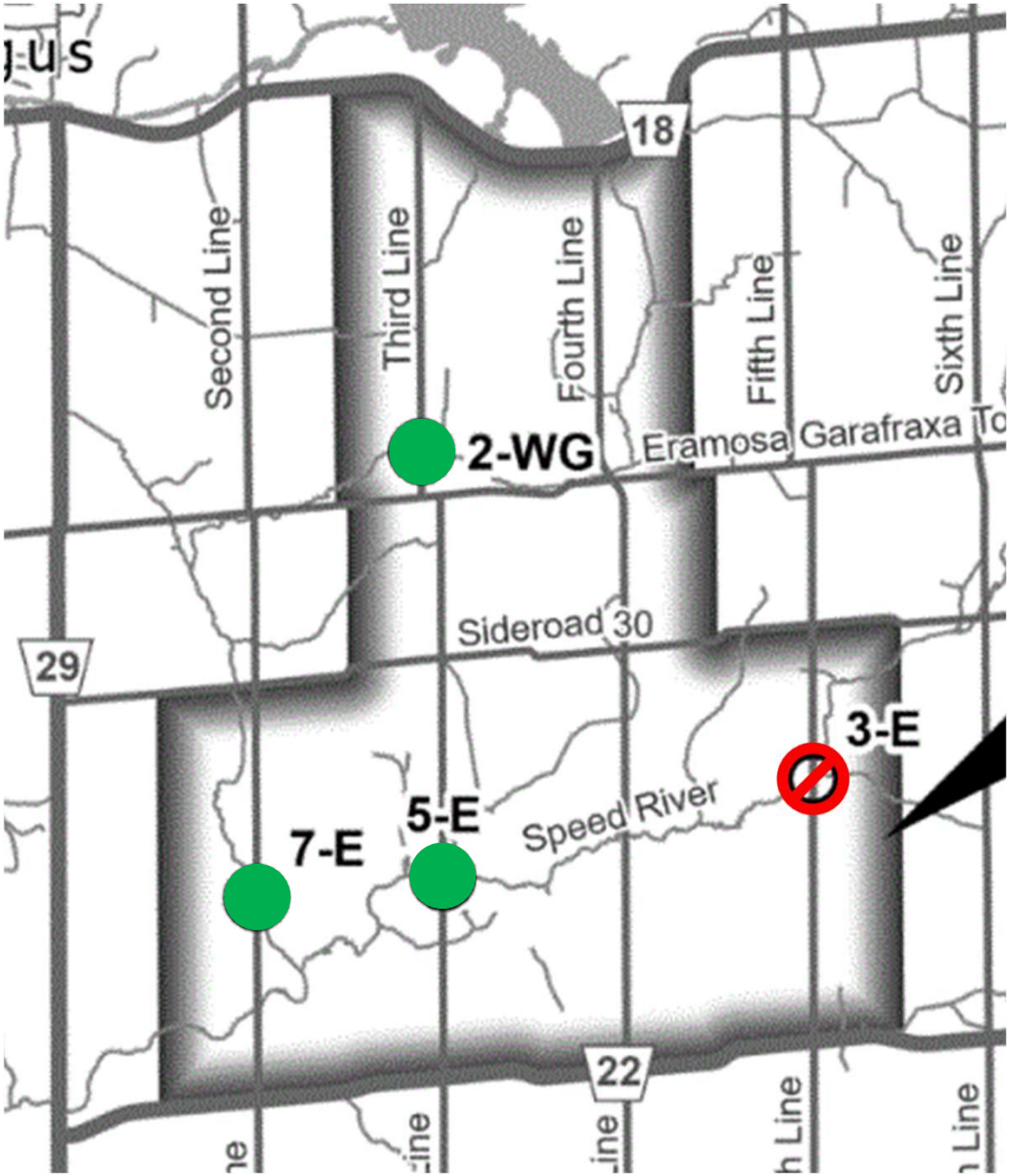
- Most benefit to emergency first response times
- Top 3 Bridges for Traffic Improvements
- Provides alternatives to busy roads for farm equipment
- Opens bridges adjacent to County Roads for Emergency Detours
- Opportunities for environmental improvements
- Highest Cost-Benefit ratio

Bridge 3-E

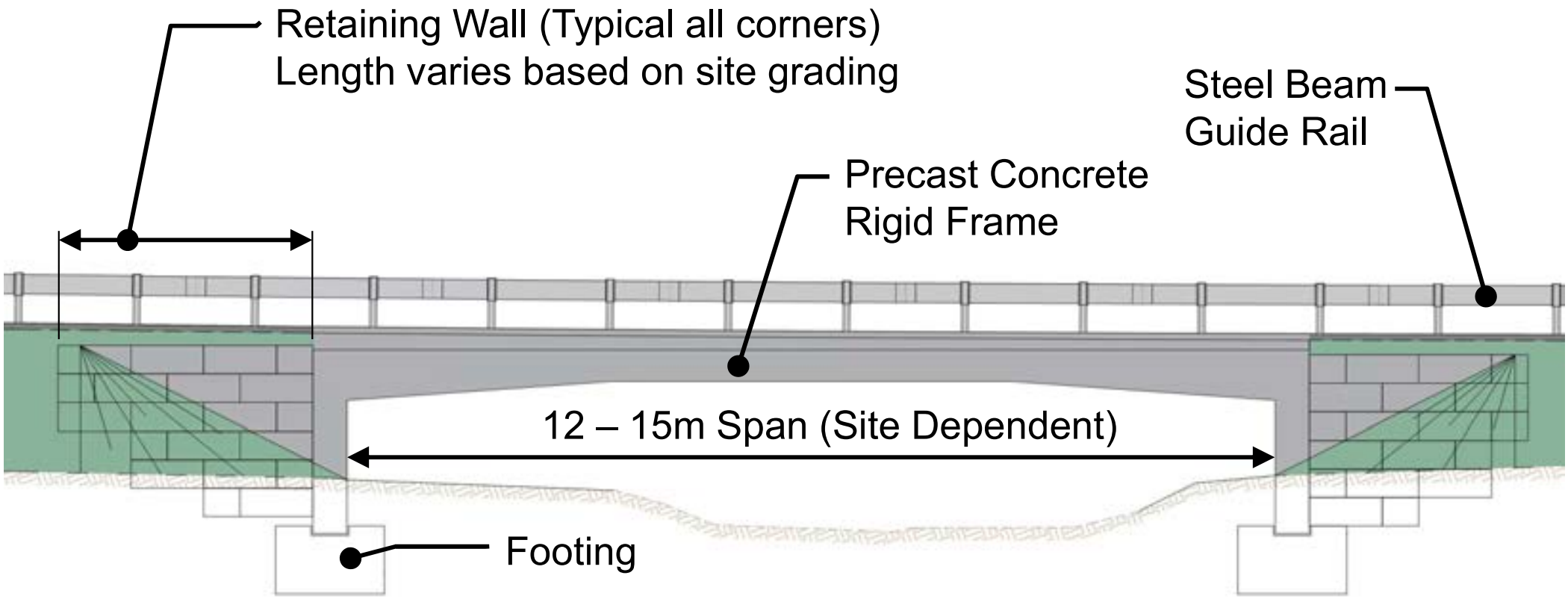
- Remain open for pedestrian use until deemed unsafe
- Prolongs Heritage

Capital Work Prioritization

1. 5-E
2. 2-WG
3. 7-E

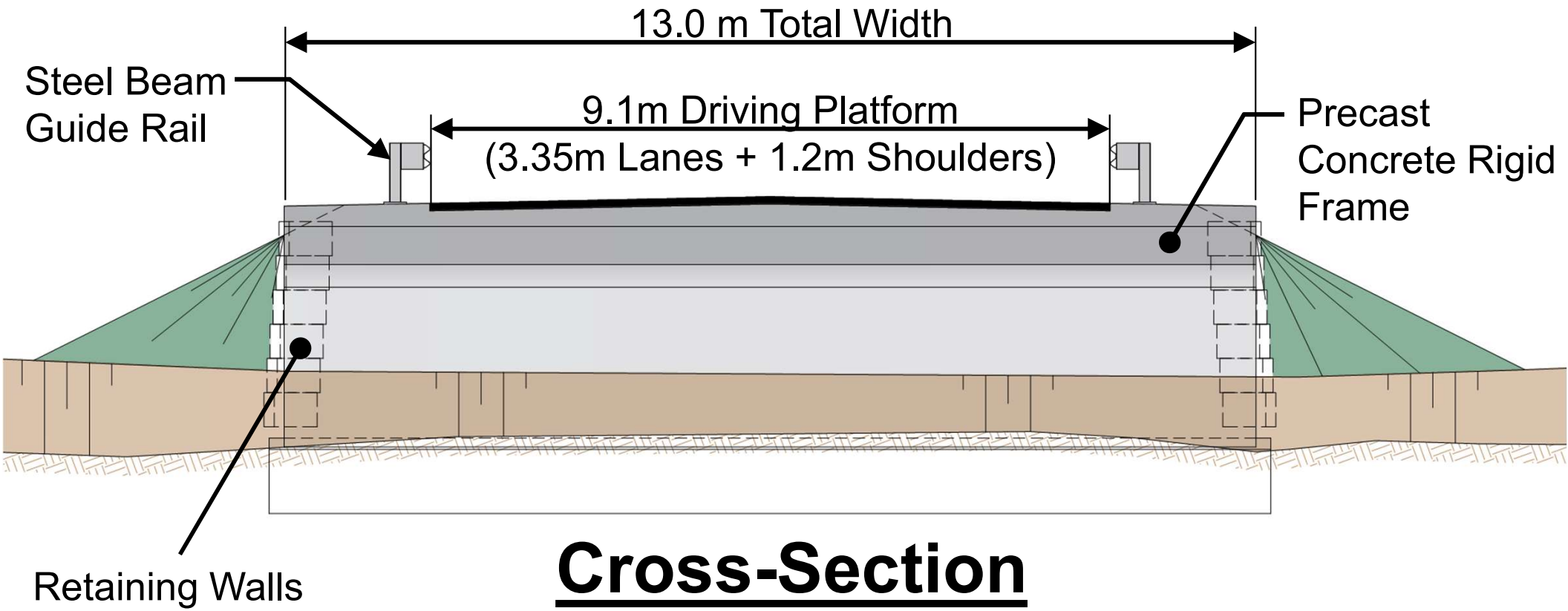


Conceptual Design



Elevation View

Conceptual Design



Cross-Section Through Mid-Span

Conceptual Design



Similar bridge (during construction)

We want to hear from you!

Invitation for Participation

You are invited to provide comments by completing a comment sheet and submitting it to the comment box today or emailing one of the Project Team members below by December 20th, 2024:

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square
Elora, ON N0B 1S0
Tel: 519-846-9691 ext. 355
adickieson@centrewellington.ca

Andrew Dawson, P.Eng
Consultant Project Manager
R. J. Burnside and Associates Limited
292 Speedvale Avenue West, Unit 20
Guelph, ON N1H 1C4
Tel: 705-797-4310
andrew.dawson@rjburnside.com

The display boards, a narrated slideshow and all project updates will be available on the Township's project webpage after the open house:

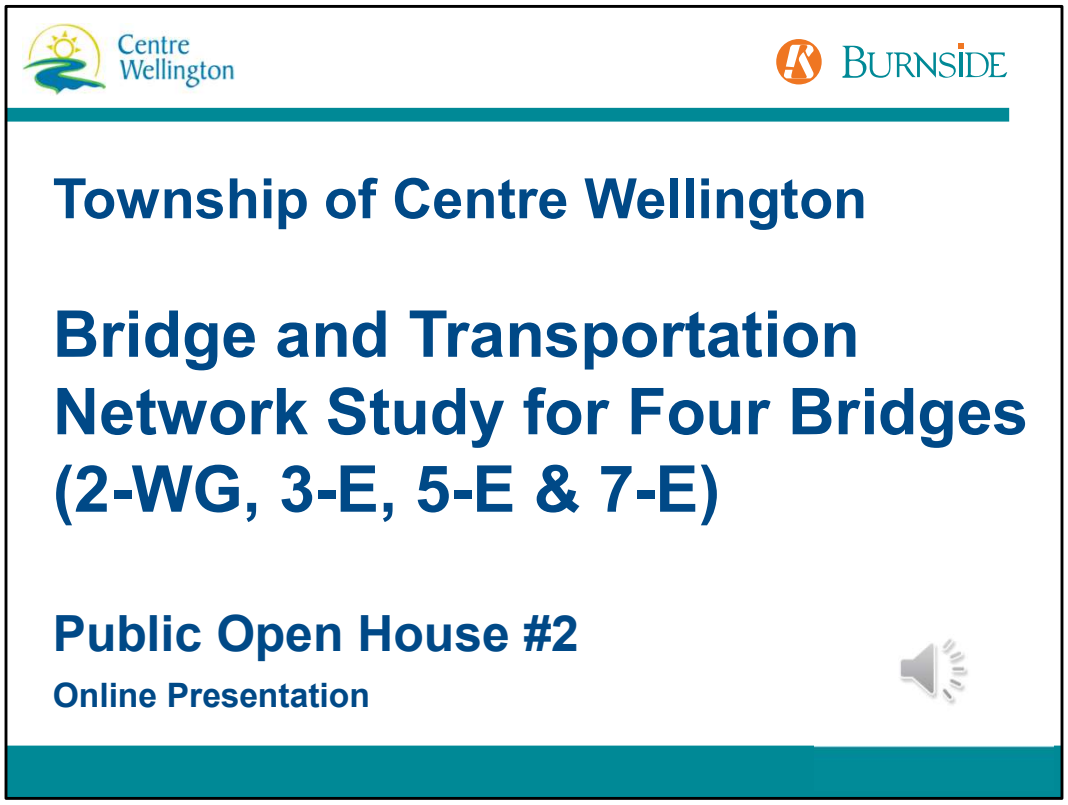
www.connectcw.ca/bridge-transportation-network-study-four-bridges

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix E

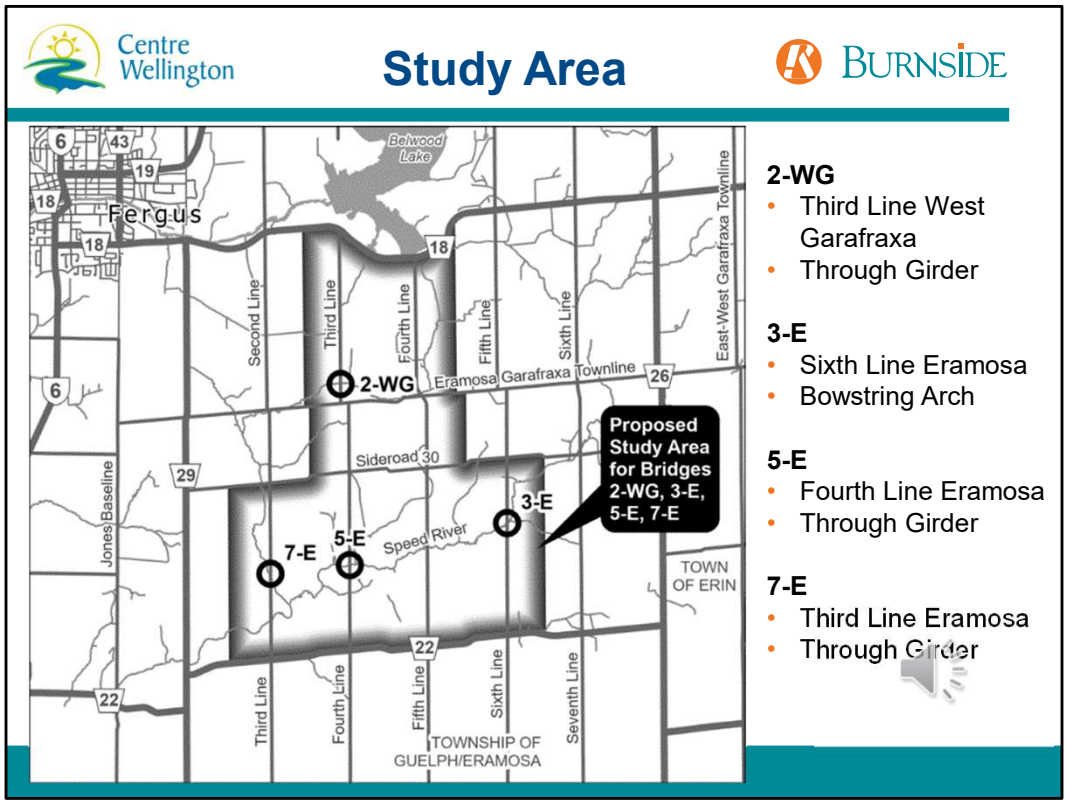
Online Presentation Slide Show with Text



Hello and welcome to the online version of the Second Public Open House for the Bridge and Transportation Network Study for Four Bridges in the Township of Centre Wellington – Bridges 2-WG, 3-E, 5-E and 7-E. This is a narrated presentation of the information originally presented at the Public Open House held on December 2nd, 2024

My name is Andrew Dawson. I am the Project Manager with R.J. Burnside & Associates Ltd., also known as Burnside. Burnside are the Consulting Engineers who have undertaken this study alongside the Township of Centre Wellington

I would like to extend my appreciation in you taking your time to review this presentation. Engagement with the public is a very important aspect of this study process and we welcome any comments or input you may have following your review of the information presented. Information on how to submit your comments will be provided at the end of this presentation.



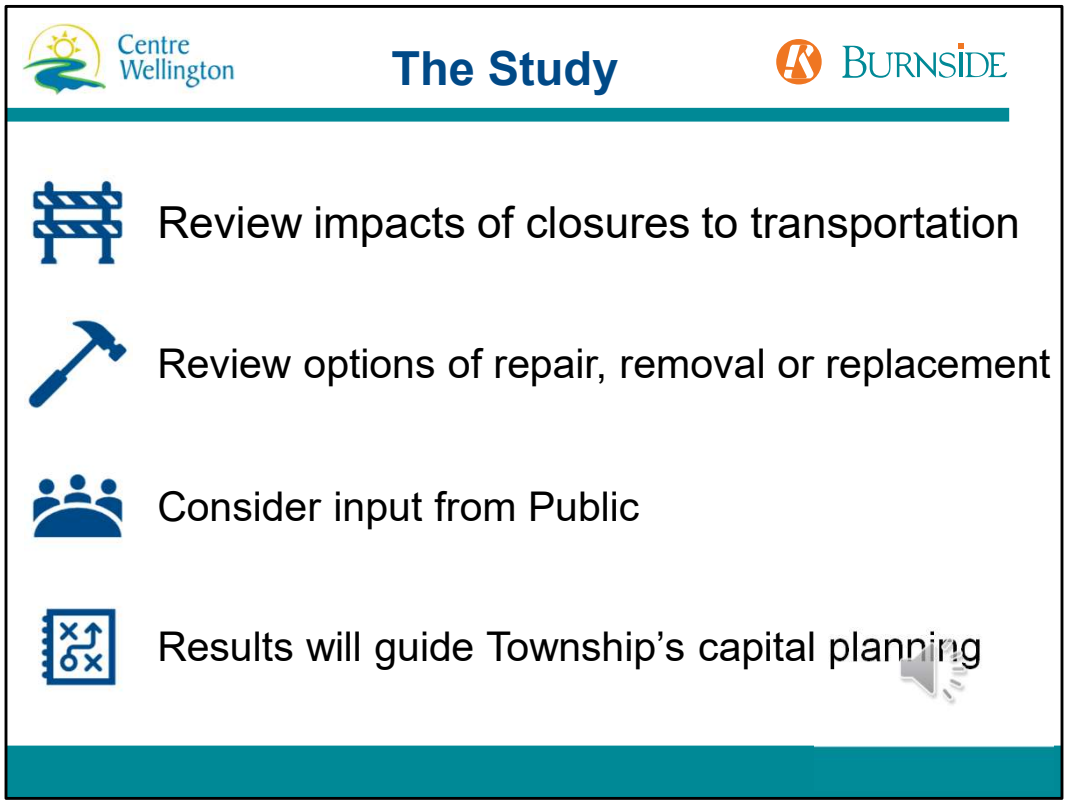
I am going to start by providing a brief overview of the locations of the bridges. I will be referring to these bridges by their Number code throughout the presentation, so it is important that you have an understanding of where each bridge is located.

Bridge 2-WG is located on Third-Line of West-Garafraxa. It is the bridge which is just north of Eramosa Garafraxa Townline that is currently load limited.

Bridge 3-E is located on Sixth Line Eramosa, between Sideroad 30 and Wellington Road 22. It is the bridge with the large arch shaped concrete trusses that is currently closed.

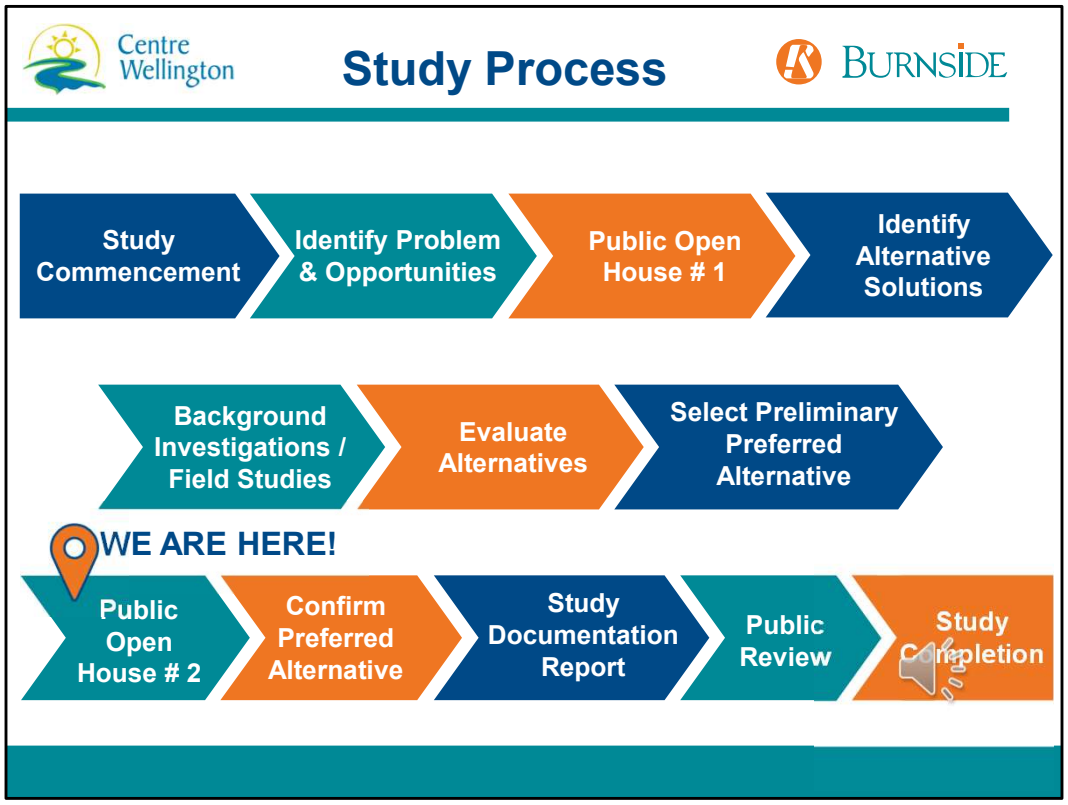
Bridge 5-E is located on Fourth Line Eramosa, between Sideroad 30 and Wellington Road 22. This bridge has the large deteriorated concrete barriers on each side of the road and is currently closed to traffic.

Lastly, 7-E is located on Third Line Eramosa, about mid-way between Sideroad 30 and Wellington Road 22. This is the bridge that is currently closed to traffic and has the severely deteriorated concrete barriers.

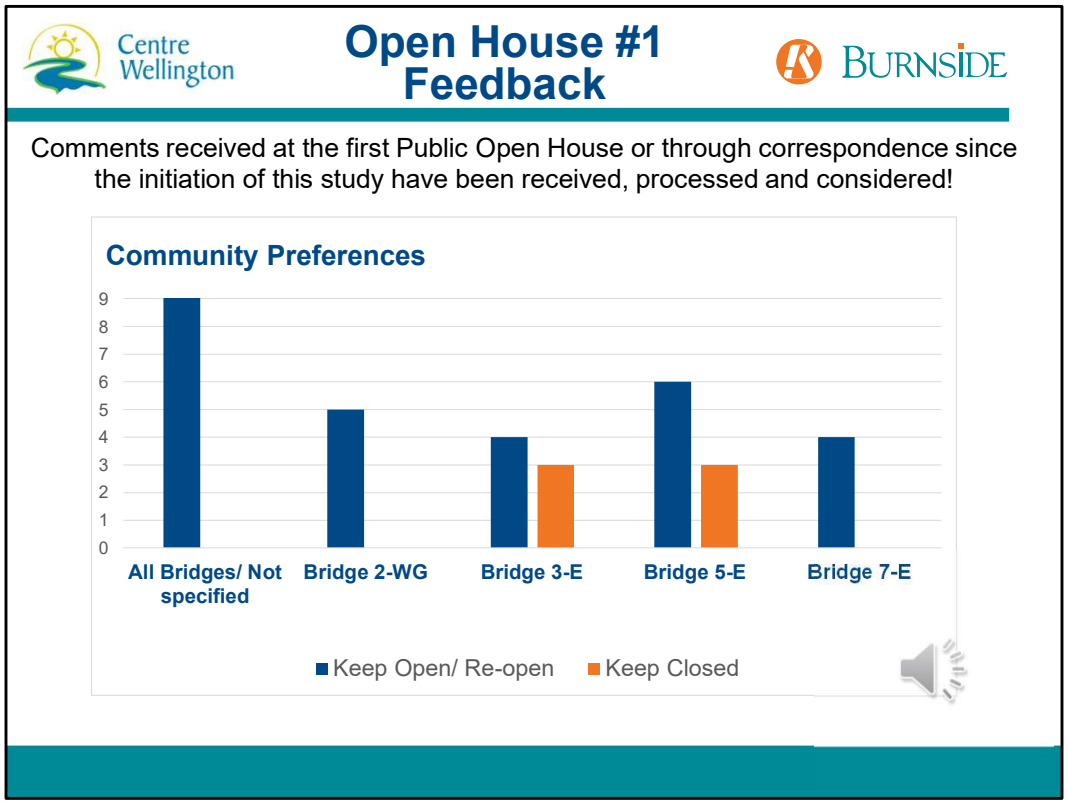


The Township has decided to undertake this Bridge and Transportation Network to evaluate the preferred solution to the four bridges for future capital planning.

- The study has reviewed the impacts of closures on the transportation network and has looked at repair, removal or replacement options at each bridge location.
- Throughout the study, the Township has looked to engage with the Public and stakeholders of the project, and use your input to help determine problems or opportunities that were explored throughout the study.
- The Township will use the results of this study to guide their future capital planning and budgeting

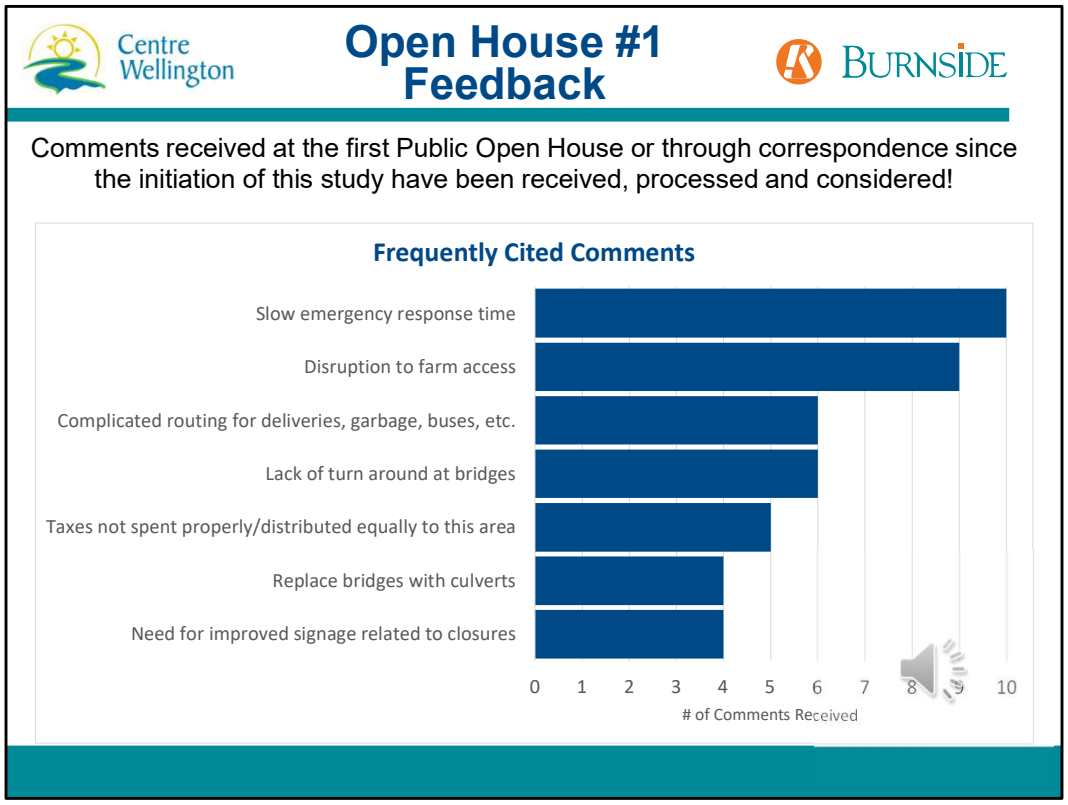


This graphic shows an overview of the study process
Earlier this year, the team identified problems and opportunities presented by the closure / opening of bridges. The public's input from the first Open House was utilized to determine these problems and opportunities and select the background investigations and field studies required.
Since then, the team has identified a short list of alternatives that were evaluated against a set of criteria in order to determine the preliminary preferred alternative, which is to be presented here today.
Following today, we will take into consideration any further comments received from the Public and confirm or revise the preferred alternative.
A final report will then be prepared and presented to council for approval. Once approved at council, this report will be made available to the public for review.



I wanted to start by providing a review of the opinions received from the public during our first open house, held earlier this year.
The graph here shows the preferences noted by the community in their comments. As shown, a number of comments were received indicating a preference for all bridges, or specific bridges to be open; however, there were also a few comments received in preference of bridges remaining closed.

I want you to know that these votes were directly considered as one of the rating criteria used in the selection of the preferred alternative.

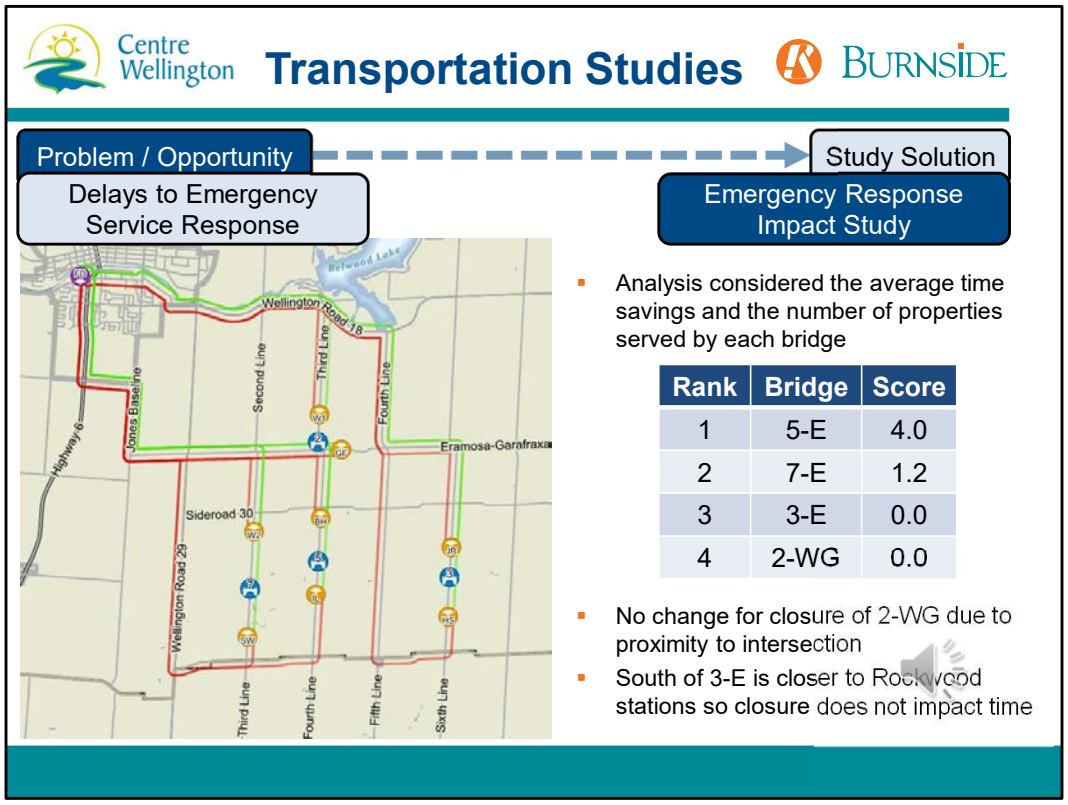


Similarly, shown here is a summary of more frequently cited comments received following the first open house

A lot of comments received were related to transportation and delays, including emergency response, farm access, service vehicles and commute times.

Another set of comments were also related to the opportunity for the use of certain structure types, such as culverts or narrow bridges, to help reduce costs.

As you will see throughout this presentation, the study has been structured to evaluate these concerns brought forth by the public when determining the preferred alternative.



I am now going to walk through a series of background studies that were conducted to address the problems or opportunities brought forth by the public.

I will note that there are also information boards that will be available for download on the Connect CW webpage which provide some additional details related to these studies. These information boards can be reviewed as a suplement to this presentation, and you can reach out to a member of the Project Team if you have any further questions.

The first study we will discuss is the Emergency Response Impact study, which was completed to address the Public's concerns related to delayed first response times.

This study analyzed routes from local Fergus and Rockwood emergency stations to properties north and south of the bridges. The map shown on this slide shows the routes from the purple circle in Fergus to the multiple different destinations shown as the gold circles.

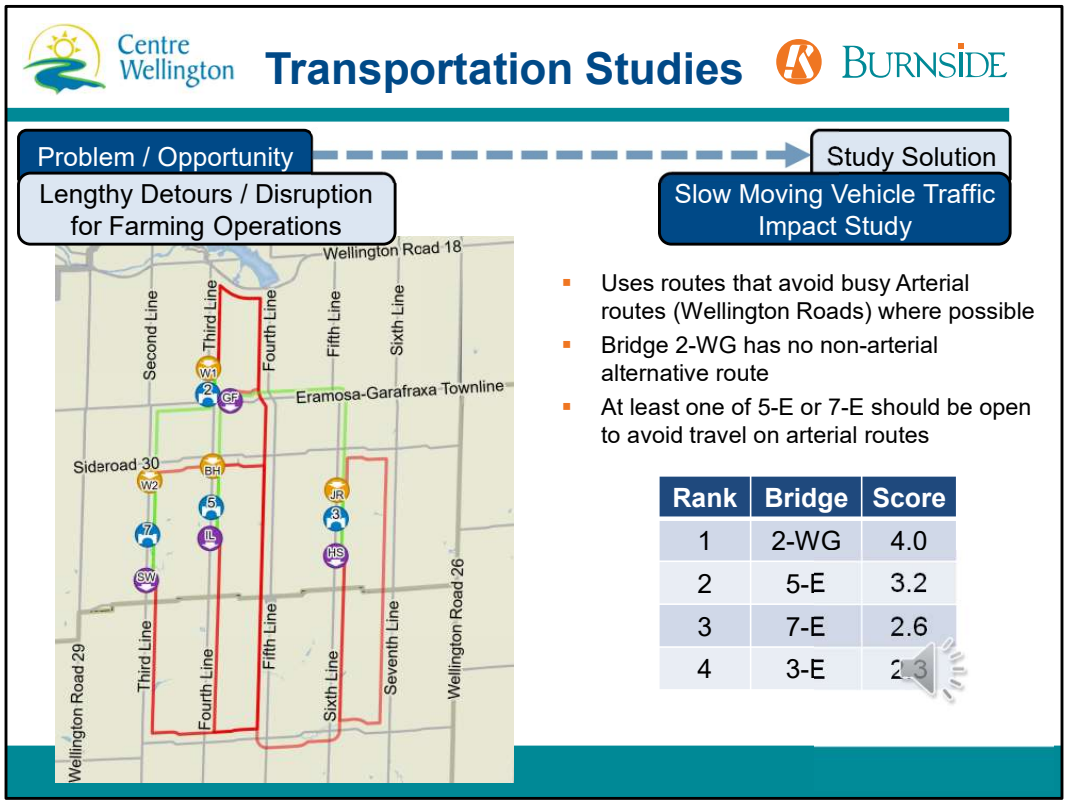
Generally, it was only response to properties south of the bridge that were affected for the routes from Fergus, as the routes to north of the bridges were unaffected from Fergus.

The additional response times related to bridge closures was weighted by the amount

of properties impacted to determine the overall ranking for the structures.

Ranking is shown on the table in this slide. The rank of 1 and a score of 4.0 indicates the bridge that offers the most benefit when opened. A score of 0 indicates no benefit if the bridge is opened as compared to closed.

For this study, Bridge 5-E provided the most benefit if opened, followed by 7-E.
Bridge 2–WG had no change in response times due to proximity to the intersection making the preferred route the same for the scenarios of the bridge being opened or closed.
Properties south of Bridge 3-E are closer to Rockwood stations and so were also not affected by the closure.



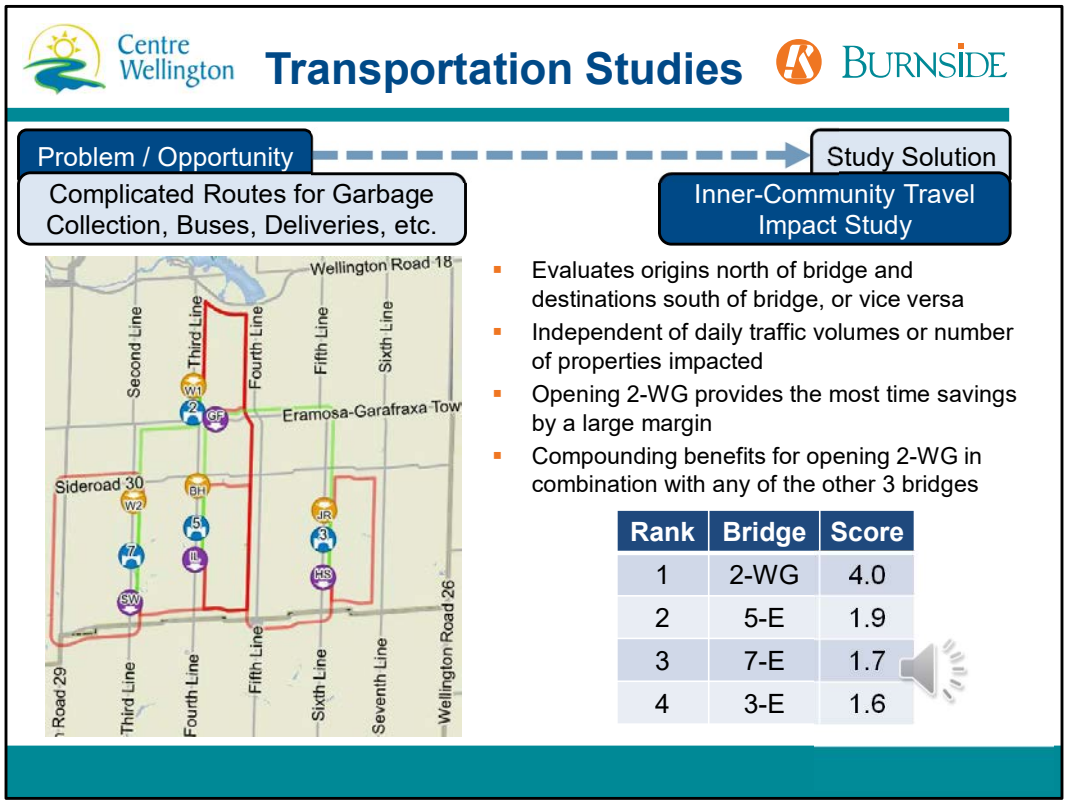
To address concerns related to length detours and disruptions for farm operations, we conducted a study that reviews the additional time for slow moving equipment to travel around bridge closures.

In recognition that it may be preferred to avoid the use of arterial routes for the safety of the operator, we reviewed routes which do not use Wellington Roads, where possible.

In some situations, such as at Bridge 2-WG, there is no route available that doesn't use county roads if the bridge is closed.

The preference to have alternative routes to County Roads and Fifth Line Eramosa is recognized, and that is why it was determined that opening 2-WG and at least one of 5-E and 7-E is preferred.

The ranking of this study is shown in the table, with 2-WG offering the most benefit when opened, followed by 5-E, 7-E and 3-E



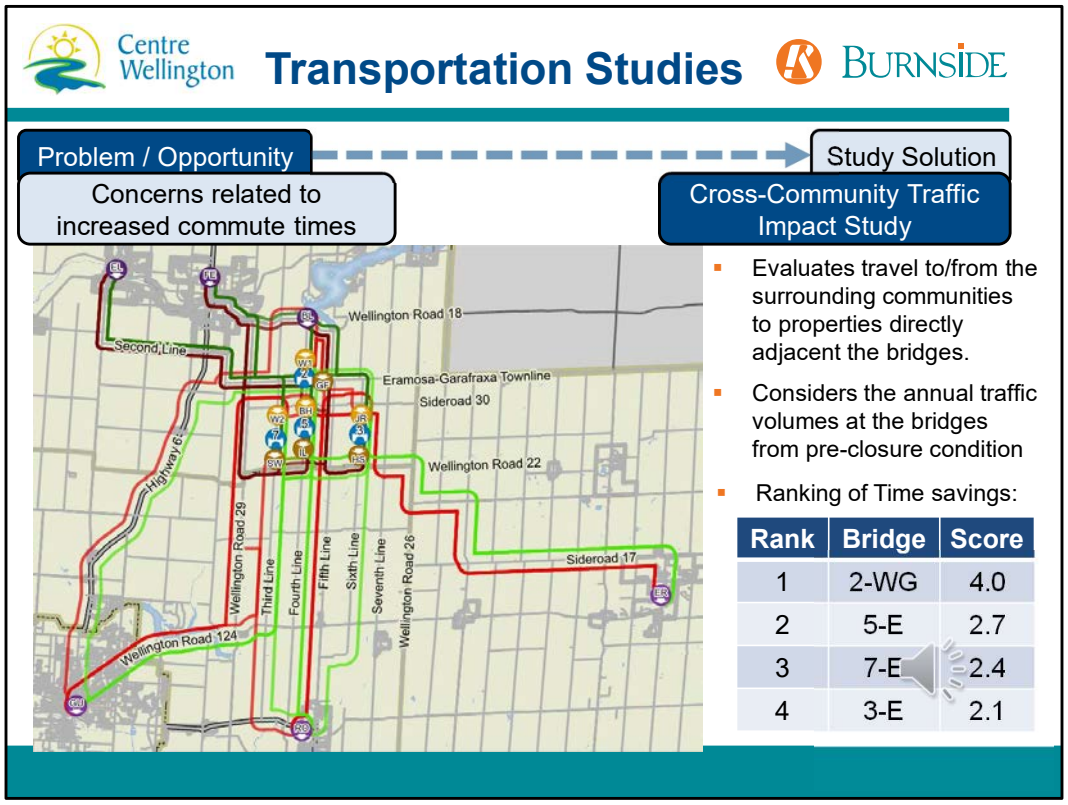
We also heard concerns that the closures cause complicated routes for buses, delivery vehicles, waste collection services, snowploughs and similar type service vehicles.

This was addressed by reviewing time impacts for travelling within the study area. These time differences were not weighted, as these types of vehicles generally have to travel the roads regardless of how many properties are present or how much traffic typically uses the roads.

The study found that having 2-WG open offers the most time savings, with the remaining three bridges offering less improvement, with similar time savings between the three.

There are also compounding benefits when combining opening of 2-WG with other bridges.

For example, with bridges 5-E and 2-WG closed, a delivery vehicle travelling from south of 5-E to north of 2-WG would take 7 minutes longer if both bridges 5-E and 2-WG were closed.



In response to your comments related to increased commute times, we conducted a study which analyzed routes from north of the bridges to Erin, Guelph and Rockwood or from south of the bridges to Elora, Fergus or Belwood.
Bridge 2-WG had the most time savings, and bridge 3-E had the least time savings;
In the overall analysis, these time savings were weighted by the pre-closure average traffic volumes

Centre Wellington

Transportation Study Summary

BURNSIDE

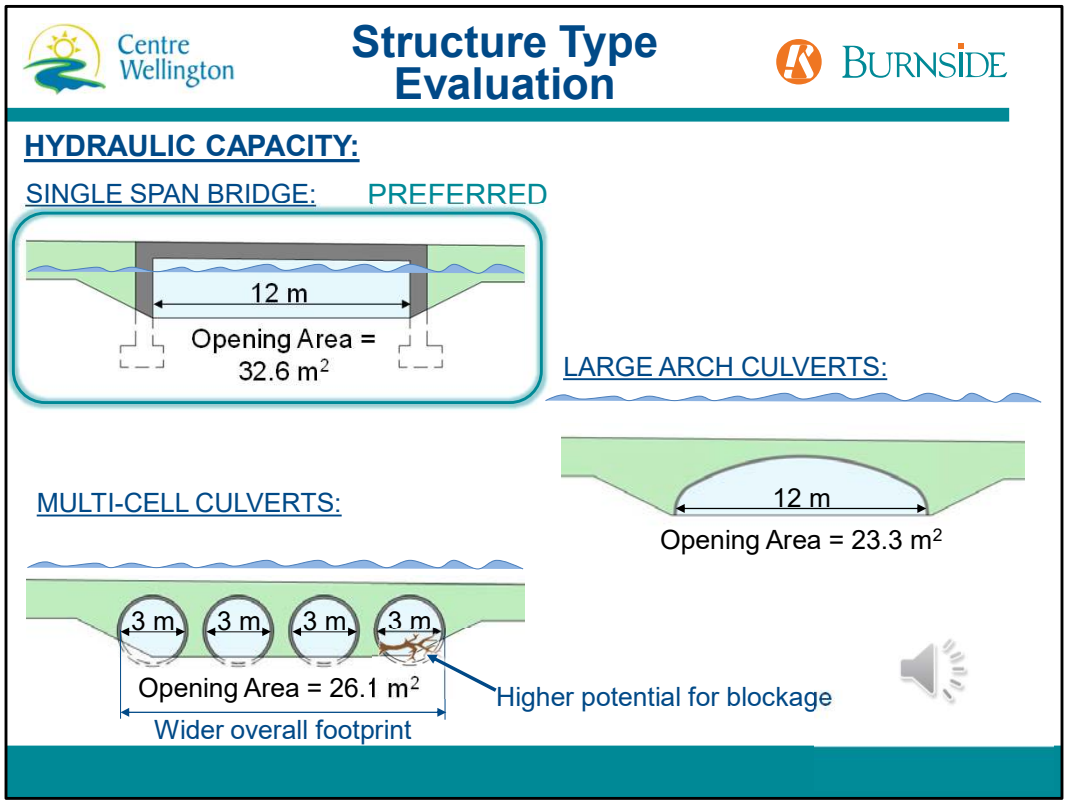
Individual Structure Evaluation:

Criteria / Alternative	2-WG	3-E	5-E	7-E
Cross-Community Travel	3.5	4.0	2.4	3.0
Emergency Response	0.0	0.0	4.0	1.2
Slow-Moving Equipment	4.0	2.3	3.2	2.6
Local Community Travel	4.0	1.6	1.9	1.7
TRANSPORTATION	**11.5**	**7.9**	**11.5**	**8.5**
TRANSPORTATION RANKING:	1	4	1	3

- This table provides an overview of the transportation evaluation which includes the last four studies discussed.
- In summary, 2-WG and 5-E are tied for the most benefit if open, followed by 7-E then 3-E.



- There were several comments received regarding how large bridges aren't necessary and that smaller structures or culverts could be used for cheaper replacement options.
- As part of the study, an evaluation of several structure types was completed to determine the most suitable option
- Rehabilitation was considered at each site; however, was found to be least preferred, as the extent of deterioration would not allow for load limitations or width restrictions to be eliminated.
- Several replacement options were considered , including….
- It should be noted that the pictures shown here are just for visual reference only and don't indicate the size of structures that would necessarily be required at the sites.
- Not all of these structure types may be achievable at a given site. For example, Single Span Precast Concrete Frames are generally limited to a maximum of 16m span.



- One criteria that must be considered during the selection of a structure type is the hydraulic capacity – the ability of the structure to pass water during high flow storm events.
- Need to meet criteria set out by the Conservation Authorities and the Township - ensuring there is no additional flooding upstream of the bridge and making sure the road doesn't flood over during certain storm events.
- Lets look at an example of a 12m span bridge. For this bridge, with a rectangular opening, we have opening area for water of about 32.6 m2
- Now if we look at squeezing a bunch of cheaper, smaller corrugated steel pipes into that same 12m wide channel, we have a smaller area of 26.1 m2.
- This would mean, for the same flows in the river, the water levels would be higher and cause additional flooding with the culverts.
- The smaller cells would also be more prone to blockages caused by ice or debris, which would increase flooding even further.
- The overall footprint of the culverts is also larger, and has a closed-bottom, which has negative environmental impacts of denaturalizing the channel.
- If we were to look at a large corrugated steel culvert of similar 12m span, the area available for flow is only 23.3 m2, due to the arch shape required for its strength. With this decreased opening area, there would be even higher flooding.
- For these reasons, the single span bridge is the preferred alternative, even when considering the difference in cost for the structures

Structure Type Evaluation

NARROW BRIDGES:

- Single lane bridge (up to 4.9 m) too narrow for larger agricultural equipment



4.4m – 5.3m

- Narrow Two-Lane Bridge (6.0 m) was considered but found to be less preferred than Township standard (9.1 m)

- Another recommendation made was that narrow or single lane structures be used as a cheaper alternative.
- Single lanes are only allowed to be up to 4.9m in width, which would limit the ability for wider agricultural equipment to cross the bridge, so these were not further considered given the agricultural land use of the study area.
- Two-lane bridges are allowed to be a minimum of 6.0m between barriers, which would allow most standard size agricultural equipment to fit.
- However, narrow two-lane bridges increase the chance of accidents and provide uncomfortable tunneling effects as you approach the bridge, since the barriers are immediately adjacent the 3.0m lanes
- Without a shoulder beyond the travelled lane, pedestrians would also be at risk when crossing the bridge
- Based on these reasonings, a Two-Lane bridge with the Township standard cross-section of 9.1m between barriers is preferred, even when considering the cost difference.

Preferred Structure Type

Preferred Structure Type (***if replaced***):

For Span < 16m:



Single Span Precast Concrete Rigid Frame

- 2-WG = 15.0 m
- 5-E = 15.0 m
- 7-E = 12.5 m

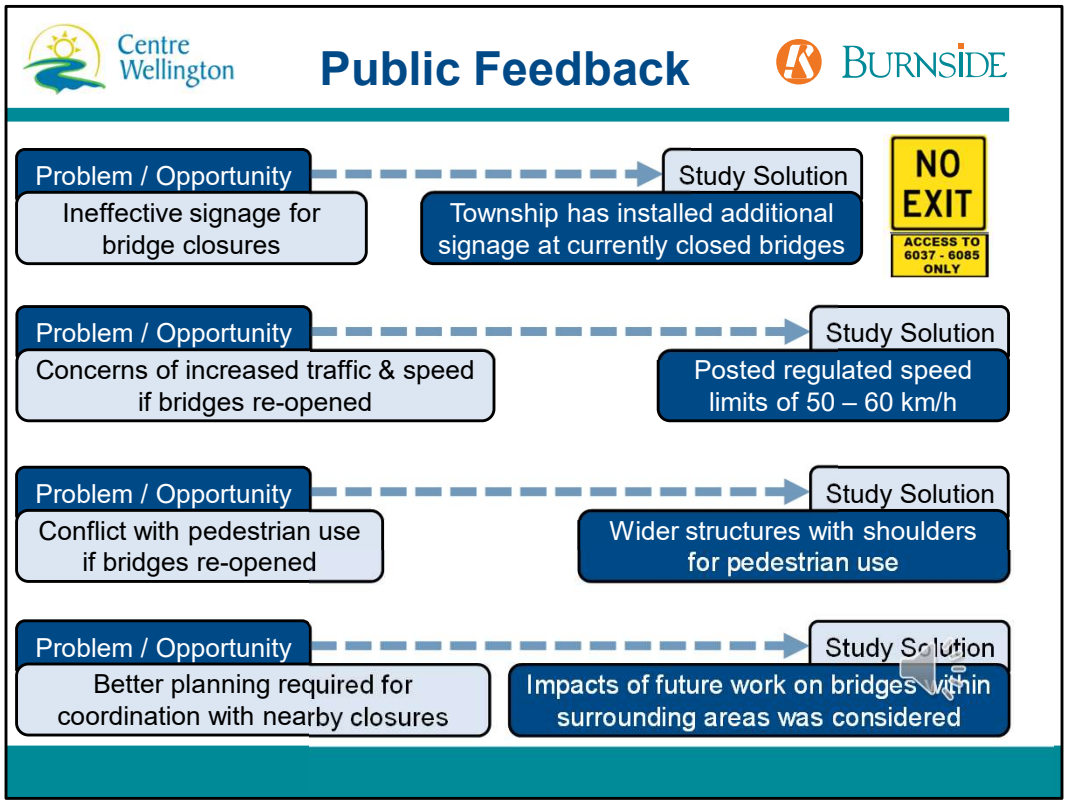
For Span > 16m:



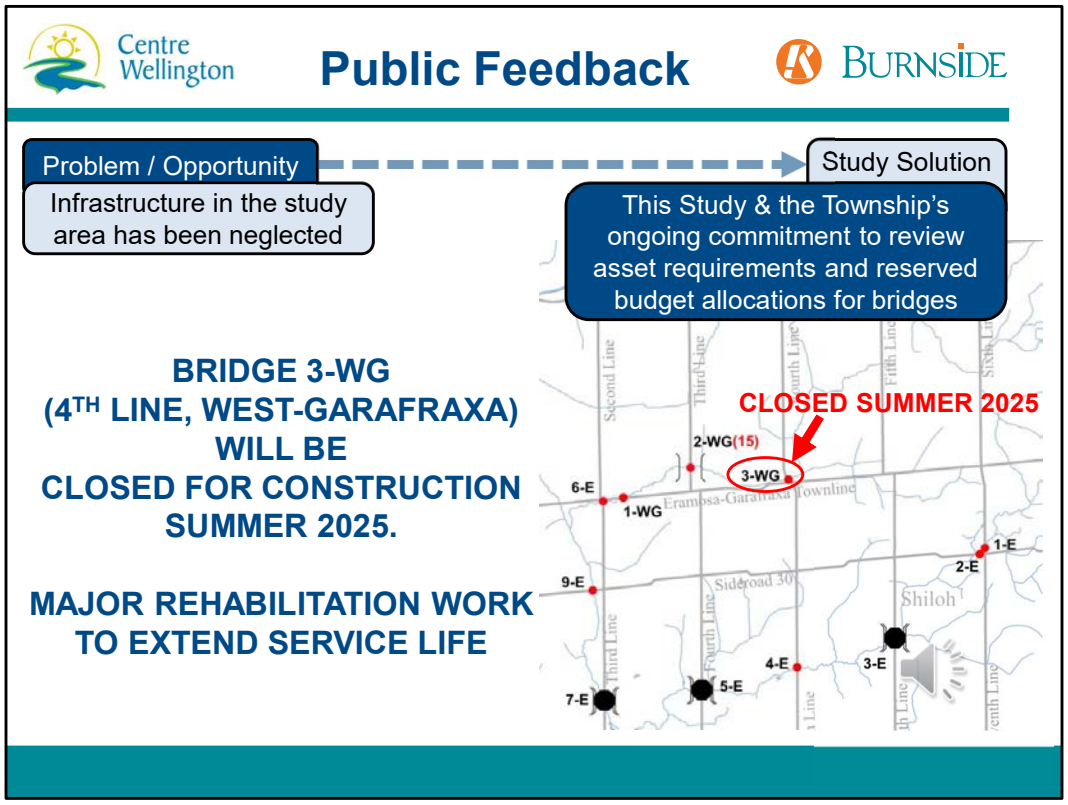
Single Span Prestressed Girder Bridge

- 3-E = 18.0 m

- The structure types were evaluated against a series of criteria based on capacity, cost, environmental impacts, service life and other criteria.
- There is an info-board around the room that has the full breakdown of scoring and evaluation.
- In summary, if the preference is for a bridge to be replaced, the results of the structure type evaluation were as follows:
- For structures with a span less than 16m, a Single-Span Precast Rigid Frame bridge was preferred.
- This applies to 2-WG, 5-E and 7-E if it is determined that any of these structures are to be replaced.
- The preliminary spans, which are based on hydraulic requirements and site geometry, are shown here.
- For spans over 16m, the preferred structure type would be a prestressed concrete girder bridge. This applies to bridge 3-E, if it is determined that Bridge 3-E is to be replaced.

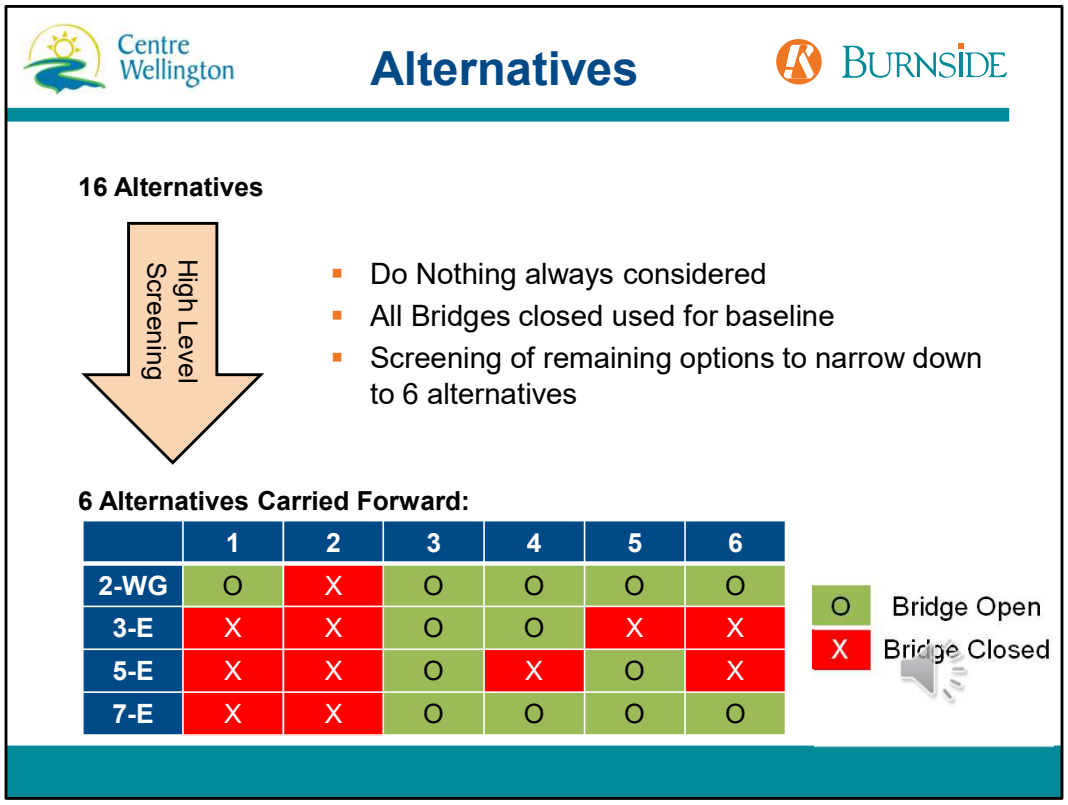


A few more problems and opportunities are shown here.
The Township has already worked to provide additional signage to address Public comments regarding ineffective signage. New signs have recently been installed to identify which properties can be accessed.
Where bridges are re-opened, a speed limit of 50-60 km/h will be posted to address concerns related to increased traffic and speeds
To address concerns related to shared pedestrian use on the roads, wider structures with shoulders have been noted as preferred for structure replacements
The study also considered the impacts of future work on bridges within surrounding areas for better future planning. For example, it is recognized that if 7-E were to remain closed, properties between it and bridge 8-E to the south would be landlocked during future work at 8-E.



Hopefully this study and the Township's ongoing commitment to reviewing the state of their infrastructure through biennial inspections, and allocating budgets for infrastructure repairs helps ease the concerns voiced in relation to the study area being neglected.

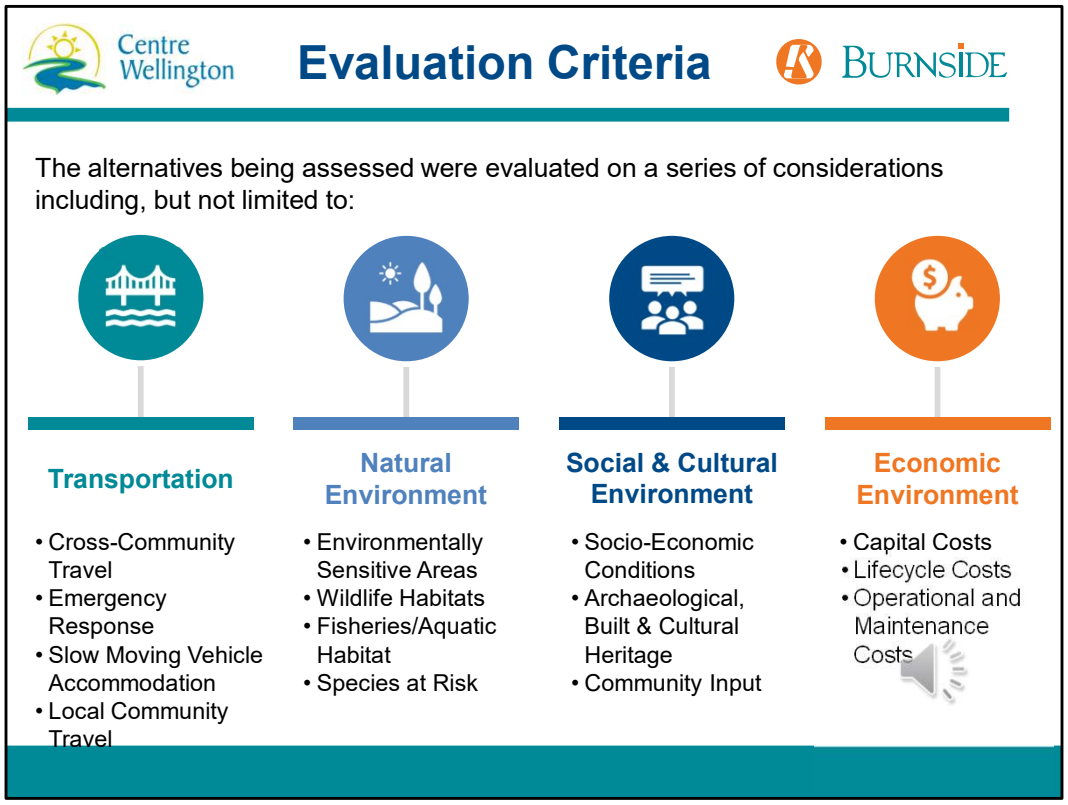
As part of these commitments, the Township would like to inform you that bridge 3-WG on forth line of West-Garafraxa will be undergoing major rehabilitation work in Summer 2025. The structure will be closed for the duration of construction.



	1	2	3	4	5	6
2-WG	O	X	O	O	O	O
3-E	X	X	O	O	X	X
5-E	X	X	O	X	O	X
7-E	X	X	O	O	O	O

- Now that we've discussed some of the background studies, lets look at the big picture
- We have to determine which combinations of bridges should be opened.
- With 4 bridges able to be opened or closed there were 16 alternatives to be considered.
- Narrowed it down based on some high-level screening criteria.
- We have to consider the 'Do Nothing option' – which is option 1 here with 2-WG open
- We also consider the 'Close all Bridges' as a baseline for comparisons, which is option 2
- Then we narrowed the remaining options to 4 scenarios.
- We noted that 2-WG should be kept open, as there is no alternative route to Wellington 18
- We also previously stated that either 5-E or 7-E should remain open to provide alternatives to busier roads of Wellington 29 or Fifth Line
- Also, in order to prevent land-locking of properties when Bridge 8-E on Third Line requires work, 7-E should be replaced.
- This narrows the remaining 4 options down to:

Alternative 3: All Bridges Open
Alternative 4: Bridges 2-WG, 3-E & 7-E Open
Alternative 5: Bridges 2-WG, 5-E & 7-E Open
Alternative 6: Bridges 2-WG and 7-E Open



- To evaluate each of the alternatives, they were scored quantitatively and qualitatively against a series of criteria related to the Technical, Natural, Social, Cultural and Economic Environments.
- The Transportation criteria considers the previously outlined aspects of travel within the community, from the community to surrounding areas, emergency response times, and farm equipment accessibility.
- The Natural environment criteria was evaluated based on how the alternatives will impact natural areas surrounding the bridges.
- This includes impacts to areas such as bird, fish and other wildlife habitats, especially in the case where species at risk are identified, and other environmentally sensitive areas such as wetlands.
- The areas of impact were evaluated based on anticipated construction activities and limits of disturbance of each alternative.
- The extent of impacts, and the ability to mitigate such impacts or provide enhancements to the natural environment determine the rating of the alternative.
- The Social and Cultural Environment includes consideration of how each alternative will impact the people and the history of the study area.
- This includes how the local community, users of the roadways and bridges, farming, businesses and other organizations within the study area are affected.
- It also includes the review of archeological potential in the area and consideration of what role the structures play on providing context to the built or

cultural heritage of the area or community interests.

- Considered as part of the Cultural Environment is that the existing Bowstring Arch structure of Bridge 3-E has cultural value based on its
- Additionally, the economic environment was also be considered. The evaluation of upfront capital and long-term maintenance cost of each option was completed to help determine the cost-benefit ratio of each all solutions.

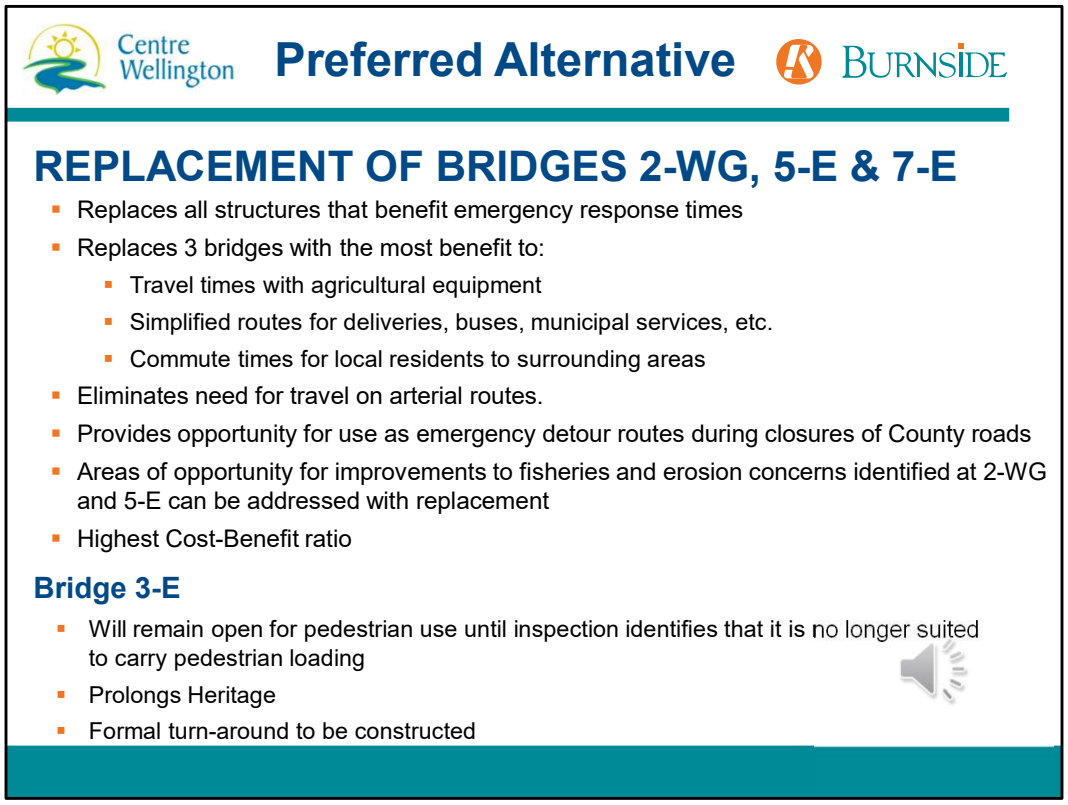
Evaluation of Alternatives

CRITERIA	Alternative 1: Do Nothing	Alternative 2: All Bridges Closed	Alternative 3: All Bridges Open	Alternative 4: Bridges 2WG, 3E & 7E Open	Alternative 5: Bridges 2-WG, 5-E & 7-E Open	Alternative 6: Bridges 2-WG & 7-E Open
Transportation	1.18	0.00	**4.00**	2.42	3.45	1.93
Environmental	1.92	**3.75**	1.25	1.69	2.02	2.21
Economic	1.85	**4.00**	0.50	1.50	1.61	2.60
Social & Cultural	1.60	1.38	2.88	**2.89**	2.79	2.18
Equal Weight	**6.55**	**9.13**	**8.63**	**8.71**	**9.87**	**8.92**

PREFERRED ALTERNATIVE

For the evaluation, we provide numerical scores out of 4 to each of the criteria based on the benefits or impacts each option provides.
This slide shows a summary of the scores for each of main criteria.

- As you can see, different scenarios are preferred for different aspects being considered.
- For example, and maybe somewhat obvious, opening all bridges is the most preferred from a transportation perspective, whereas removing all bridges is the cheapest option and is most beneficial to the environment, because the watercourse can be re-naturalized.
- However, when we look at all aspects together, and consider each of the main criteria equally weighted, the preferred alternative is to have Bridges 2-WG, 5-E and 7-E opened.



A summary of the reasoning for the preferred scenario of replacement of bridge 2-WG, 5-# and 7-E is summarized here.

This option

Replaces all structures that benefit first response times for emergency services

Replaces the 3 bridges with the most benefit to the transportation network

Eliminates the need for travel on busier county roads or Fifth Line

Provides opportunities for routes adjacent to County Roads to be used for emergency detours in the case of accidents

Provides opportunities for improvements to fisheries and erosion concerns that were identified during the natural environment review at bridges 2-WG and 5-E

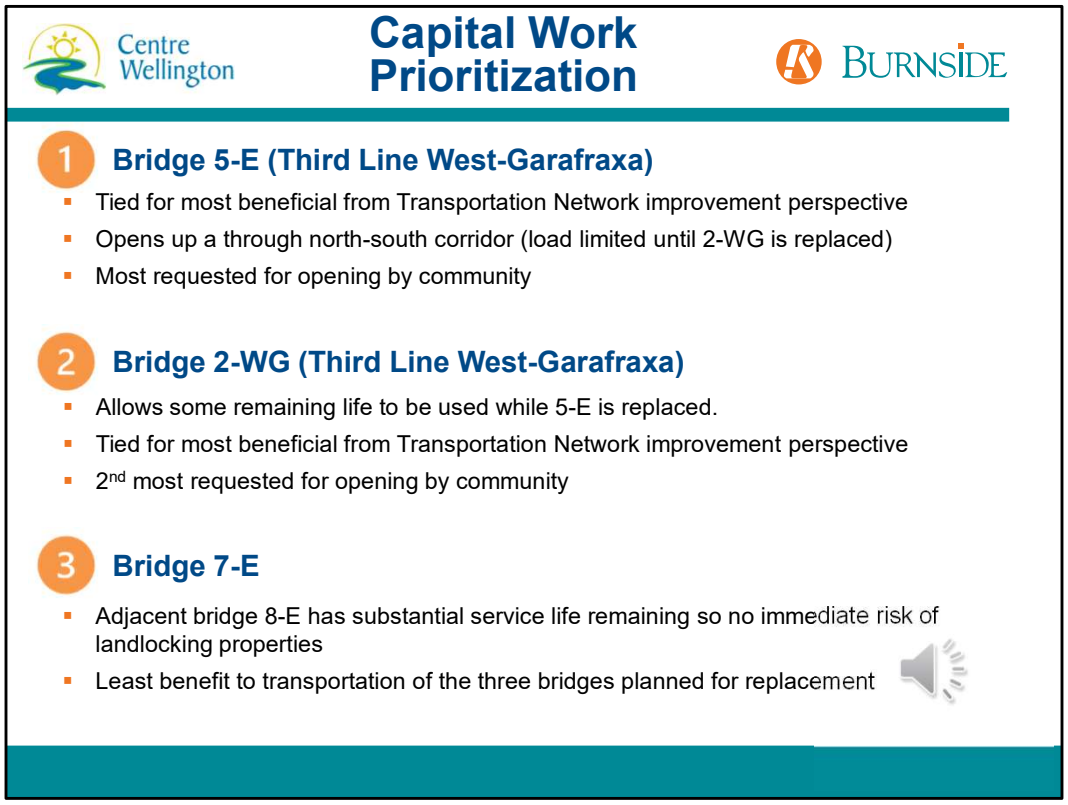
And provides the highest cost-benefit ratio for opening structures

In regards to Bridge 3-E, it is proposed that the structure will remain open for pedestrian use until inspections identify that the state of deterioration reaches a point that is no longer suitable to carry pedestrian loading.

This helps prolong the heritage aspects of 3-E that were identified during the study.

The Township will also look to construct a formal turn-around at Bridge 3-E to address

concerns related to the dead-end road.



Not all of these bridges can be replaced at once, so the Township will have to select a prioritization for replacements. Based on current conditions and information, the preliminary order of prioritization is shown here.

BRIDGE 5-E is considered the top priority for replacement.

- It is tied with Bridge 2-WG for most benefit to the Transportation Network, however is considered priority given that 2-WG remains open.
- Opening 5-E will provide a through north-south corridor, although it will be load limited until 2-WG is replaced.
- Bridge 5-E was also the most requested for opening by community

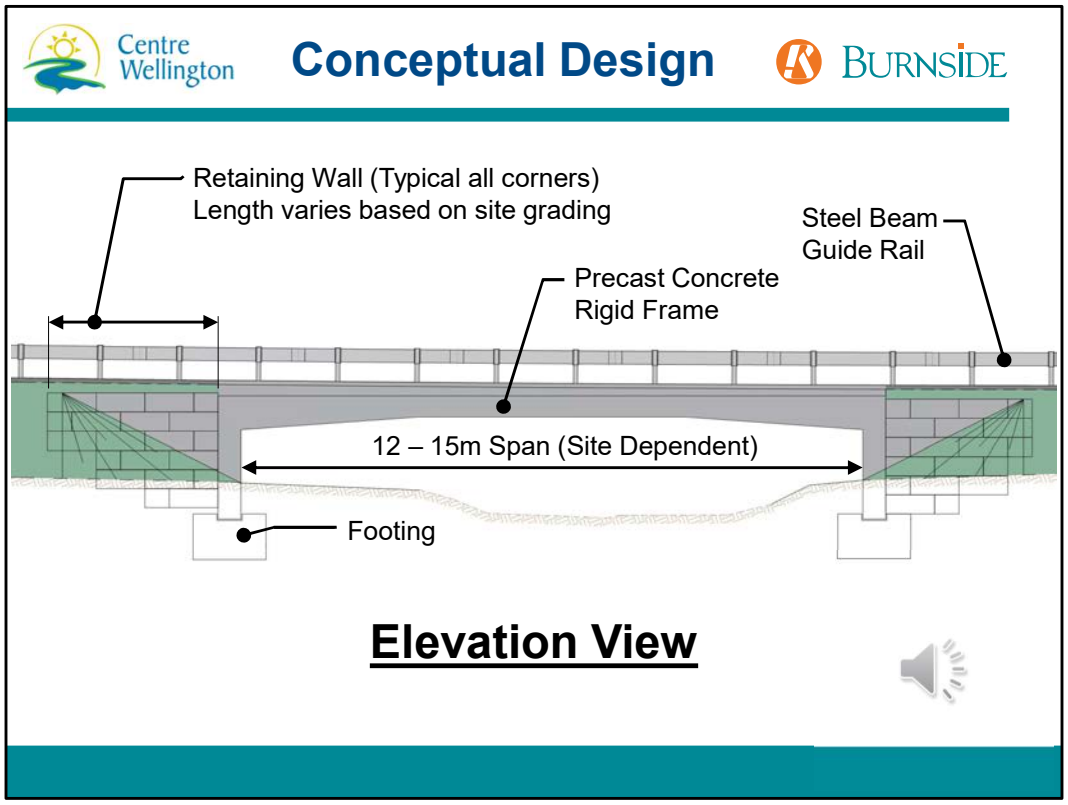
BRIDGE 2-WG would be the next priority for replacement

- Replacing the structure would remove the load limit and allow all traffic to achieve the most benefit to the Transportation Network.
- It was also the 2nd most requested for opening by community

BRIDGE 7-E

- Of the three bridges being considered for replacement, Bridge 7-E offered the lesser improvements, so it will be considered the lower priority.
- The adjacent bridge 8-E has considerable service life remaining, so there is no immediate risk of those properties between the structures being

landlocked, as previously identified

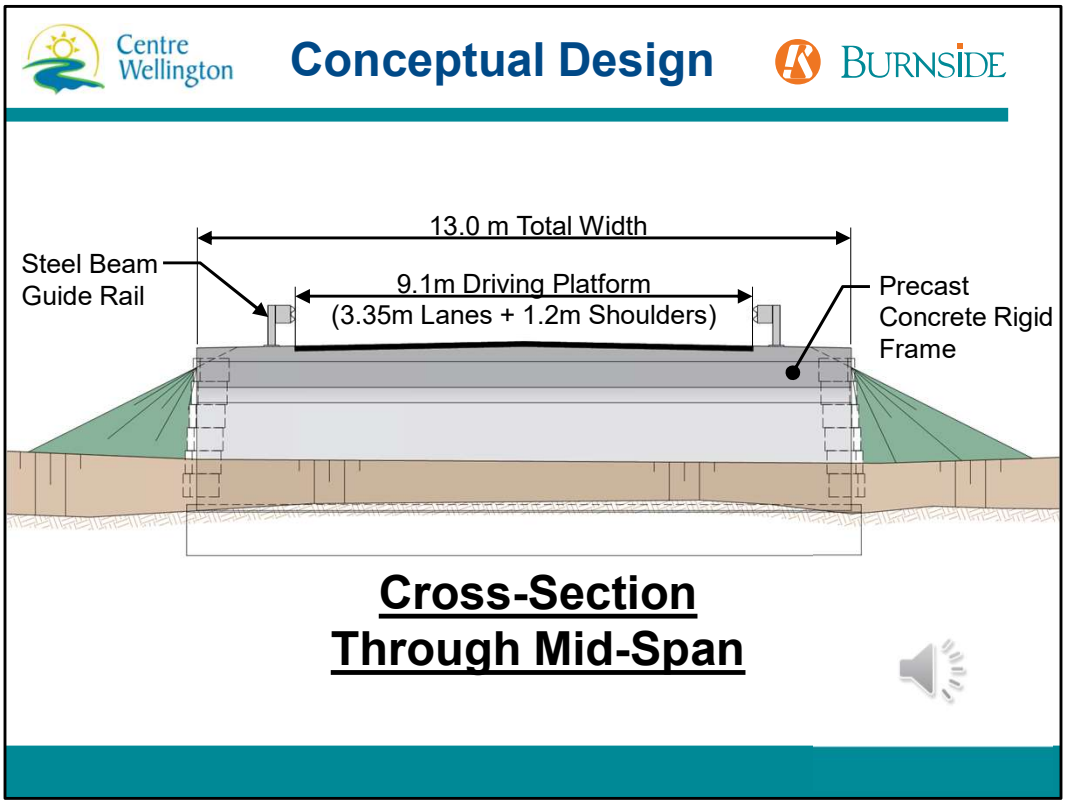


Prior to concluding this presentation, we wanted to provide an overview of the general design to be used for Bridges 2-WG, 5-E and 7-E. A typical precast concrete rigid frame structure is illustrated here from the perspective if you were to be standing in the river and looking at the bridge.

The span of the bridge will vary, depending on the hydraulic requirements of the site. The open bottom structure allows the area between the two footings on each side of the watercourse remain undisturbed, which is a benefit to the natural environment.

Block type retaining walls can be used at the four corners to limit the width of the bridge, which will help reduce costs and keep the structure off of adjacent private properties.

A Steel Beam Guide Rail barrier system is proposed to protect vehicles from entering the watercourse. This barrier type minimizes the visual impact to the surrounding natural areas in comparison to large concrete barriers and better suits the rural nature of the area.



Another view, from the perspective if you cut the bridge down the middle of the river and looked up the road is shown here.

- The Township standard 9.1m wide driving platform provides room for two 3.35m wide lanes, as well as 1.2m wide shoulders on each side of the road for increased safety of vehicles and pedestrians.
- This platform width allows for all standard agricultural equipment to pass over the bridge.

Conceptual Design



Similar bridge (during construction)

- Here is a similar job that is currently being constructed, which helps show what the final product would look similar to.
- Note that guide rail barrier is still to be added to this bridge to protect vehicles from entering the watercourse
- These structure types look somewhat similar to a culvert, without the large concrete barriers and wingwalls, which we believe will better blend with the more rural nature of this community.



Thank you for your time in reviewing this presentation. We hope that you have found the information presented informative. If you have any questions or comments, or would like to speak directly with a project team member, please do not hesitate to contact one of the members shown below.

As a reminder, there are additional information boards available for download on the Connect CW website. Any further updates, including the final project report, will be uploaded to the Connect CW webpage as they become available.

Thank you once again!

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Appendix F

Comment Sheets and Email

Centre Wellington

Public Open House #2
Bridge and Transportation Network Study for Four Bridges (2-WG, 3-E, 5-E, 7-E)

BURNSIDE

Comment Sheet

Public Open House

December 2, 2024
6:00 p.m. – 8:00 p.m.

Centre Wellington Community Sportsplex – Gord Brown Hall

Name:

Address:

Postal Code:

Phone:

Email:

Comments/Questions/Suggestions (additional space on second page):

My preferred option for bridge 7E ~~is~~ is to keep it closed for as long as possible assuming the main bridge is in good condition. Traffic issue when 7E was open ~~are~~ are my main issue. Often car/trucks were speeding well in excess of 80km. Since the bridge has been closed in the last 4 years there has been no issue with speeding up that section of 3rd Line

Information will be collected in accordance with the *Municipal Freedom of Information and Protection of Privacy Act*. Except for personal information (e.g., name, address, phone number), all comments will become part of the public record that is available to the general public.
Project information will be made available in an alternative format upon request in accordance with the *Accessibility Standard for Information and Communication under the Accessibility for Ontarians with Disabilities Act, 2005*. If you have accessibility requirements in order to participate, please contact one of the project team members listed above.

Centre Wellington

Public Open House #2
Bridge and Transportation Network Study for Four Bridges (2-WG, 3-E, 5-E, 7-E)

BURNSIDE

Comment Sheet

Public Open House

December 2, 2024
6:00 p.m. – 8:00 p.m.

Centre Wellington Community Sportsplex – Gord Brown Hall

Name:

Address:

Postal Code:

Phone:

Email:

Comments/Questions/Suggestions (additional space on second page):

- IF + WHEN OUR BRIDGE WILL BE REOPENED WHERE WILL THIS HAPPEN
- IF OUR BRIDGE IS NOT TO BE REOPENED WHEN WILL OUR PORTION OF THE LEVE BE RETURNED
- THE CONSULTANTS FIGURES ARE NOT ACCURATE SINCE OUR BRIDGE HAS BEEN OUT FOR 11 YEARS
- I STILL THINK THE CULVERTS WOULD BE THE BEST OPTION
- I WILL BE LOOKING FOR A DETAILED LIST OF ALL THE INFRACTURE UPDATES THAT HAVE BEEN COMPLETED SINCE IT WENT INTO EFFECT
- WHERE WAS OUR COUNCIL REPRESENTATIVE TONIGHT

Information will be collected in accordance with the *Municipal Freedom of Information and Protection of Privacy Act*. Except for personal information (e.g., name, address, phone number), all comments will become part of the public record that is available to the general public.
Project information will be made available in an alternative format upon request in accordance with the *Accessibility Standard for Information and Communication under the Accessibility for Ontarians with Disabilities Act, 2005*. If you have accessibility requirements in order to participate, please contact one of the project team members listed above.

Centre Wellington

Public Open House #2
Bridge and Transportation Network Study for Four Bridges (2-WG, 3-E, 5-E, 7-E)

BURNSIDE

Comment Sheet

Public Open House

December 2, 2024
6:00 p.m. – 8:00 p.m.

Centre Wellington Community Sportsplex – Gord Brown Hall

Name:

Address:

Postal Code

Phone:

Email:

Comments/Questions/Suggestions (additional space on second page):

THANK YOU FOR A WELL PRESENTED EXPLANATION OF THE STUDY.
ROAD AND BRIDGE INFRASTRUCTURE IS IMPORTANT TO PEOPLE FOR MANY REASONS BUT I FEEL THAT SAFETY AND ECONOMIC REASONS MAY BE THE MOST IMPORTANT.
IT WILL BE INTERESTING TO SEE HOW MUCH LONGER SOME OF THESE BRIDGES WILL BE CLOSED, ALSO WHAT THE TIME OF ACTUAL CONSTRUCTION WILL BE.

Information will be collected in accordance with the *Municipal Freedom of Information and Protection of Privacy Act*. Except for personal information (e.g., name, address, phone number), all comments will become part of the public record that is available to the general public.
Project information will be made available in an alternative format upon request in accordance with the *Accessibility Standard for Information and Communication under the Accessibility for Ontarians with Disabilities Act, 2005*. If you have accessibility requirements in order to participate, please contact one of the project team members listed above.

Centre Wellington

Public Open House #2
Bridge and Transportation Network Study for Four Bridges (2-WG, 3-E, 5-E, 7-E)

BURNSIDE

Thank you!

Comment Sheet

Public Open House

December 2, 2024
6:00 p.m. – 8:00 p.m.

Centre Wellington Community Sportsplex – Gord Brown Hall

Name:

Address:

Postal Code:

Phone:

Email:

Comments/Questions/Suggestion (additional space on second page):

Suggestion to improve my life (our lives) on 4th Line.

- to — rename road so it is not confused with a 4th Line in Enn. Deliveries sent to wrong address
- My husband had collaspe/l ung last Jan and the emergency vehicle went to wrong side of broken bridge (but I gave clear warning on 911 call) they took more than 20+ mins. He regained
- My husband lived but was in critical care during recovery.
- First responders could have walked over bridge but did not..

+ I would like tunnels for animals to cross under roads

Information will be collected in accordance with the *Municipal Freedom of Information and Protection of Privacy Act*. Except for personal information (e.g., name, address, phone number), all comments will become part of the public record that is available to the general public.

Project information will be made available in an alternative format upon request in accordance with the *Accessibility Standard for Information and Communication under the Accessibility for Ontarians with Disabilities Act, 2005*. If you have accessibility requirements in order to participate, please contact one of the project team members listed above.

Andrew Dawson

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Tuesday, December 17, 2024 8:09 AM
To:
Cc: Andrew Dawson; Mishaal Rizwan
Subject: RE: Township of Centre Wellington, Notice for Public Open House 2 - Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E, & 7E)

I am the Township's representative for the Transportation Network Study for Four Bridges. I am sorry that you were unable to attend the public meeting earlier this month. I understand your disappointment with study outcomes. Please find below responses to the questions that you provided.

1. **Emergency services** - My Horse arena was an insurance claim from a 1980's barn fire. What exposure or liability does the township have, if a closed bridge prevents first responders from adequately attending a fire, or worse a medical emergency.

I sincerely hope that there are no issues with the first responders attending to any emergency to any properties in the area of any of the closed bridges in Centre Wellington. Before dispatching from the firehall, Centre Wellington Fire Rescue refer to an emergency response map that shows all current limitations and road restrictions to ensure that a direct clear route is selected. The Transportation Network Study for Four Bridges also analyzed the impacts to emergency response. The emergency response analysis has shown that emergency response times from Centre Wellington emergency response out of the Fergus area to your property at 6th Line would not be impacted by the closure of any of the bridges in the study area, including Bridge 3-E on Sixth Line. The quickest emergency response route utilizes Wellington Road 18, to Fourth Line, to Eramosa-Garafraxa Townline and then to Sixth Line to your property. This route is not affected by any bridge closures.

2. **School buses** use my farm yard and laneway to safety turn around as the pad located at the base of the bridge, at the bottom of the hill that the township created is inadequate, un-fit and un-safe for school bus use. Don't believe me - ask them.

An outcome from the preferred alternative not to replace the 6th Line bridge crossing also included a recommendation to create formal turn around areas to allow vehicles such as school bases and snowplows better alternative than using driveway entrances.

3. 6th line most likely has the largest tax base which includes the Herwynen Sawmill, Gravel pit, multiple homes and farms. How is this bridge not a priority based on tax dollars and road use.

The Transportation Network Study for Four Bridges uses a number of evaluation criteria factors to determine alternatives for each bridge crossing these factors are as follows:

Transportation
- Cross-Community Travel
- Emergency Response
- Slow Moving Vehicle Accommodation
- Local Community Travel

Natural Environment
- Environmentally Sensitive Areas
- Wildlife Habitats

- Fisheries/Aquatic Habitat
- Species at Risk

Social and Cultural Environment
- Socio-Economic Conditions
- Archaeological, Built & Cultural Heritage
- Community Input

Economic Environment
- Capital Costs
- Lifecycle Costs
- Operational and Maintenance Costs

The evaluation has included for the average number of users of the roadway (pre-closure), the number of properties and farms associated with this stretch of 6th line and has considered the local businesses impacted by any closures. Alternatives which included opening bridge 3-E did have a higher score for the Socio-Economic aspect of the analysis, given the presence of businesses and Herwynen Sawmill; however, when considering all other aspects of the analysis, the preferred alternative still remains to not replace the 6th Line bridge, as it was outweighed by other aspects. As it relates to the gravel pit and even the sawmill, large trucks hauling heavy loads should be utilizing routes along more arterial routes such as Wellington Roads or Fifth Line, as these roadways are built to handle heavier traffic.

4. You are devaluing my property by closing a bridge that touches my property on both sides of the river. Shall I expect a property tax reduction?

No.

5. I run a horse boarding and hay business out of my farm. You are affecting my business, forcing my customers to travel further distances.

I understand this inconvenience and regret the impact to your business.

6. Throughout the last two years, I have found people camping at the bridge. What guarantee can you give me that this will not be an issue ongoing once the bridge is permanently closed.

Camping on a public road allowance is illegal. The OPP will need to be contacted if this activity persists.

7. The 6th line bridge was identified for replacement during the previous 10 year budget cycle, which means it's been on the radar for over 15 years, if you use your original 2026 replacement date. How has this project slipped through the cracks, while other projects of other lesser importance take priority?

The 10 year budget cycle contains a great number of bridge and culvert replacement and repair options and assumptions. It is not until the Township has more details that the projects are determined to be scheduled and adequately funded with available budgeted funding.

7. Finally, years a go we were re-zoned from Rockwood/ Eramosa to Centre Wellington. Why? Centre Wellington cannot afford to support us. The new township line is county rd 22. If you look south of 22. Every bridge has been repaired and fully functioning. Many roads are paved. If you can't afford to service us? Please re-zone us back to Rockwood/ Eramosa.

The idea of adjusting the Township limits is not likely. Township boundaries have been set in a Township amalgamation process set out over 25 years ago.

Again, I understand that the study outcomes are not what you had anticipated. Please contact me if you wish to discuss further.

Regards,

Adam.



Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: December 13, 2024 2:54 PM
To: Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Cc: Adam Dickieson <ADickieson@centrewellington.ca>
Subject: RE: Township of Centre Wellington, Notice for Public Open House 2 - Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E, & 7E)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello
I just wanted to touch base and let you know that we have received your comments / concerns. We will look to provide you a response in the coming week once we have had a chance to discuss further with the Town and the project team.

Enjoy your weekend.

Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From:
Sent: Monday, December 09, 2024 6:52 PM
To: Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Adam Dickieson (Centre Wellington) <adickieson@centrewellington.ca>
Subject: Re: Township of Centre Wellington, Notice for Public Open House 2 - Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E, & 7E)

Hi Mishaal,

Unfortunately I was travelling for work when this last meeting occurred. I have to say I'm EXTREMELY disappointed with your offices decision and direction. My concerns are:

1. **Emergency services** - My Horse arena was an insurance claim from a 1980's barn fire. What exposure or liability does the township have, if a closed bridge prevents first responders from adequately attending a fire, or worse a medical emergency.

2. **School buses** use my farm yard and laneway to safety turn around as the pad located at the base of the bridge, at the bottom of the hill that the township created is inadequate, un-fit and un-safe for school bus use. Don't believe me - ask them.

3. 6th line most likely has the largest tax base which includes the Herwynen Sawmill, Gravel pit, multiple homes and farms. How is this bridge not a priority based on tax dollars and road use.

4. You are devaluing my property by closing a bridge that touches my property on both sides of the river. Shall I expect a property tax reduction?

5. I run a horse boarding and hay business out of my farm. You are affecting my business, forcing my customers to travel further distances.

6. Throughout the last two years, I have found people camping at the bridge. What guarantee can you give me that this will not be an issue ongoing once the bridge is permanently closed.

7. The 6th line bridge was identified for replacement during the previous 10 year budget cycle, which means it's been on the radar for over 15 years, if you use your original 2026 replacement date. How has this project slipped through the cracks, while other projects of other lesser importance take priority?

8. Finally, years a go we were re-zoned from Rockwood/ Eramosa to Centre Wellington. Why? Centre Wellington cannot afford to support us. The new township line is county rd 22. If you look south of 22. Every bridge has been repaired and fully functioning. Many roads are paved. If you can't afford to service us? Please re-zone us back to Rockwood/ Eramosa.

I look forward to your reply and further discussions.

Best regards.

> On Nov 20, 2024, at 4:18 PM, Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com> wrote:
>
> Hi
>
> Further to our call, thank you for confirming your email address for us. Please find attached the Notice for the upcoming Open House as discussed.

Thank you,


Mishaal Rizwan
Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario, N1H 1C4
Office: 800-265-9662 Direct Line: 226-343-7014
www.rjburnside.com

From: Mishaal Rizwan
Sent: Thursday, November 14, 2024 2:32 PM
Cc: Adam Dickieson (Centre Wellington) <adickieson@centrewellington.ca>; Andrew Dawson <Andrew.Dawson@rjburnside.com>
Subject: Township of Centre Wellington, Notice for Public Open House 2 - Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E, & 7E)

Good afternoon,

On behalf of the Township of Centre Wellington, please find attached the Notice for Public Open House #2 for the Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E, & 7E).

December 2, 2024, 6:00 pm – 8:00 pm
Centre Wellington Community Sportsplex – Gord Brown Hall
550 Belsyde Avenue East, Fergus

If you have any questions about the study, please contact one of the Project Team members below:

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
705-797-4310
andrew.dawson@rjburnside.com

Best regards,


Mishaal Rizwan
Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario, N1H 1C4
Office: 800-265-9662 Direct Line: 226-343-7014
www.rjburnside.com

<Notice of Public Open House - 4 Bridges Transportation Study.pdf>

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Appendix B.5

Indigenous Communities Consultation Records

Tricia Radburn

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Thursday, June 20, 2024 4:09 PM
To: janicewilliams@hdi.land
Cc: Andrew Dawson; Crystal Ferguson; Tricia Radburn; communications@hdi.land; jocko@sixnationsns.com; info@hdi.land; 1749resource@gmail.com
Subject: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24
Attachments: 058117_Upcoming Study_HDI.pdf

Janice,

As follow-up to a call to your office, I was requested to provide details through an email as you are currently working out of the office. I am hoping that the attached letter was received via Canada Post by your office last week. Please find attached a copy of the same letter that provides the details of an upcoming Township of Centre Wellington study. Let me know if project notifications are being received and if there are others that the Township should include in project correspondence.

Re: Upcoming Study to Review Four Bridges in Centre Wellington (Former West Garafraxa and Eramosa Townships)

The Township of Centre Wellington is scoping for a Municipal Class Environmental Assessment (MCEA) to evaluate options for four (4) bridges which are either currently closed to vehicular traffic or have a load restriction due to their poor condition. The Bridge and Transportation will consider the role of these bridges in the Township's road network and their value in connecting points across the community when determining the preferred alternative.
A summary of the project is as follows:

Project Lead:	• Township of Centre Wellington
Project consultant:	• R.J. Burnside & Associates Limited
Approval Process:	• Municipal Class EA
Project Location:	• Four bridges in the former West Garafraxa and Eramosa Townships (refer to attached letter for a map)
Duty to Consult:	• The province has delegated the responsibility for consultation to the Township of Centre Wellington
Project Purpose:	• To assess whether one or more of the four bridges should be reopened or remain closed.
Studies to be completed:	• Traffic study to review traffic patterns, volumes and flow. • Archaeological screening and additional archaeological studies, if required. • Cultural Heritage Screening and additional heritage studies, if required. • Ecological study using existing records and field observations. • Geotechnical study to assess soil conditions and stability, if required.
Potential impacts to Treaty/Aboriginal Rights:	• To be determined, based on information received from your community.

We are notifying you of the upcoming project (see attached letter) in hopes that you can assist our project team in determining if your community may hold interest in this project. Your comments are welcome and will be taken into consideration throughout this study.
As new information is made available the Bridge & Transportation Network Study for Four Bridges | Connect CW Township web site will be updated as well as regular notifications.
If you have an interest in this project, please contact one of the Project Team members below. The team is happy to provide additional information, provide opportunities for your community to participate in studies or review project reports, or meet with team members to answer questions and resolve concerns.

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
705-797-4310
andrew.dawson@rjburnside.com

Information will be collected in accordance with the *Municipal Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Sincerely,
Adam Dickieson

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Tricia Radburn

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Wednesday, July 17, 2024 8:41 AM
To: Shannon Hill; Raechelle Williams
Cc: HDI Administration; Todd Williams; Sharann Martin; Tricia Radburn; Andrew Dawson
Subject: RE: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Shannon, Raechelle,

I am back in the office and getting caught up on my emails. Please send the agreement to me when it has been prepared.

Thank you,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: Tuesday, July 9, 2024 12:16 PM
To: Shannon Hill <shannonhill@hdi.land>; Raechelle Williams <raechellewilliams@hdi.land>
Cc: HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>; Tricia Radburn <Tricia.Radburn@rjburnside.com>
Subject: RE: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Shannon,
Thank you for the update! Is it possible that you could cc me when the agreement is sent to Adam D? Given that Adam will be away until the 15th , I'd like to keep the ball rolling on this and can discuss the agreement with Adam's manager at the Township in his absence.

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Shannon Hill <shannonhill@hdi.land>
Sent: Tuesday, July 09, 2024 10:48 AM
To: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Raechelle Williams <raechellewilliams@hdi.land>
Cc: HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>; Tricia Radburn <Tricia.Radburn@rjburnside.com>
Subject: Re: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

The agreement is ready to be sent out to Adam Dickieson, it will be sent later today

Thank you,

Shannon Hill
Finance Assistant
Haudenosaunee Development Institute
PO Box 714
Ohsweken, Ontario N0A 1M0

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: Tuesday, July 9, 2024 10:23 AM
To: Raechelle Williams <raechellewilliams@hdi.land>
Cc: Shannon Hill <shannonhill@hdi.land>; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>; Tricia Radburn <Tricia.Radburn@rjburnside.com>
Subject: RE: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Raechelle,
Adam Dickieson from the Township is currently out of office, so I will respond on his behalf.

R.J. Burnside's staff will be conducting the environmental field studies listed below. I have cc'd Tricia Radburn on this email, who will be coordinating those studies. It would be ideal for us to have the studies completed within the next couple of weeks, but we do not have a definitive date set yet, as we wanted to confirm HDI's level of involvement and finalize any agreements before scheduling.

As such, I believe the next step will be the review of HDI's agreement for these works with the Township once it is received. Once an agreement is made, we can coordinate scheduling the work between your team and Tricia.

We look forward to hearing from Todd and Sharran as well regarding the archaeological items!

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Raechelle Williams <raechellewilliams@hdi.land>
Sent: Friday, July 05, 2024 3:34 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>

Cc: Shannon Hill <shannonhill@hdi.land>; Andrew Dawson <Andrew.Dawson@rjburnside.com>; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>
Subject: Re: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Sge:no Adam,

To answer your question regarding the natural environment studies, yes HDI will have a monitor be present for the studies below and will also like to receive the draft environmental impact study report for review.

- ELC
- Botanical/Tree Inventory
- Aquatic Habitats survey
- Terrestrial Habitats survey

Can you forward the consultant who is performing these surveys scheduled and we can arrange to have a monitor participate with them in the field.

As for the archaeology portion of this project, I will leave this response with my colleagues Todd Williams and Sharann Martin.

Regards,

Raechelle Williams

HDI Environmental Supervisor

Haudenosaunee Development Institute

P.O. Box 714

Ohsweken, ON

N0A 1M0

Ph: 519-445-4222

(Direct): 519-802-9402

The content of this email is confidential and intended for the recipient specified in message only. It is strictly forbidden to share any part of this message with any third party, without a written consent of the sender. If you received this message by mistake, please reply to this message and follow with its deletion, so that we can ensure such a mistake does not occur in the future.

On Thu, Jul 4, 2024 at 11:18 AM Adam Dickieson <ADickieson@centrewellington.ca> wrote:

> Shannon and Raechelle,

Nya:weh / Thank-you for your interest in the Township's project. We are looking forward to working with your community and hearing further information related your community's interest in the proposed activities.

In regards to Shannon's request for information, please see responses below:

1. **Project name and address:**

   Bridge and Transportation Network Study for Four Bridges
   Locations:
   Bridge 2-WG = Third Line, approximately 330 m north of Eramosa-Garafraxa Townline (https://maps.app.goo.gl/h3JsWbNqG87vK8Xp8)
   Bridge 3-E = Sixth Line, approximately 1.9 km north of Wellington Road 22 (https://maps.app.goo.gl/WKgbhkFX54BoNJhS9)
   Bridge 5-E = Fourth Line, approximately 1.5 km north of Wellington Road 22 (https://maps.app.goo.gl/6TfHwJGcC8BMhpgV8)
   Bridge 7-E = Third Line, approximately 1.5 km north of Wellington Road 22 (https://maps.app.goo.gl/FUBE7fj7WQKZPT6g9)

2. **Proper company name and address**: Township of Centre Wellington, 1 MacDonald Square, Elora, ON N0B 1S0
3. **Contact information for the individual responsible for executing the agreement (Name, phone number and email):** Adam Dickieson, adickieson@centrewellington.ca
4. **Invoicing information (Name and email):** Adam Dickieson, adickieson@centrewellington.ca

To help us understand your desired level of involvement, I am providing a brief overview of the project status and anticipated impacts below for your consideration and ask that you outline which specific aspects of the project you have interest in, and whether that interest is field monitoring and/or document review:

The four bridge structures are watercourse crossings of the Speed River and its tributaries, which are part of the Grand Rivier watershed. The existing structures are narrow, single lane structures that were constructed between 1919 and 1923. Three of the four structures have been closed to traffic and the fourth has been load restricted to 15 tonnes due to the deteriorated state and concerns regarding load carrying capacity. The multiple closures of structures within this study area has resulted in disruptions to transportation connectivity and the Township is looking to confirm their preferred approach for this system of structures. The study will examine the effects of opening several combinations of structures, including no structures or all structures.

The potential impacts to the natural environment will be dependent on the selective alternative at each site. From a preliminary perspective, we are looking at considering several options at each site, including:

- Do Nothing (deteriorated structures remain in place and closed to traffic)
- Permanent Removal of Structure
- Rehabilitation of Structure (likely to be deemed unfeasible due to the state of the structures)
- Replacement of Structure

Based on these alternatives we can foresee that potential impacts to the natural environment could possibly include:

- Disturbance (excavation / re-grading) of the study area (for bridge replacement alternative)
- Temporary in-water works, including temporary isolation of the structure and localized unwatering of the watercourse to allow works to be completed in the dry.

- Vegetation removals (if required) for widening of structure or roadway, regrading, construction access, etc.

We are in the process of undergoing desktop and field studies of the natural, heritage, built and economic environments to determine areas of interest and possible impacts.
A Cultural Heritage Evaluation and a Stage 1 Archaeological Assessment (AA) study have been completed on all four structures to date. Only Bridge 3E was found to have cultural heritage value/interest. A Heritage Impact Assessment will be scheduled for Bridge 3E, tentatively in August, to provide further context of impacts to heritage features and recommendations for conservation of these interests. The Stage 1 AA found that all bridges had low archaeological potential and indicated that no further investigations are required for the sites. The draft reports of these studies are provided at the link below for your reference. **Can you please con□rm i□you intend to review these dra□t reports and, i□so, could you please provide comments by July 19, 2024**.
058117 - CHER and Stage 1 AA

From a Municipal Class Environmental Assessment perspective, the applicable schedule of these projects will be further reviewed and determined based on results of background studies. At current, it is anticipated that Bridges 2-WG, 5-E and 7-E will be exempt from the Environmental Assessment Act as per Project Description 31a of the MCEA Document as the studies completed indicated no heritage value or interest. Pending the results of the Heritage Impact Assessment (HIA), the Township may look to conserve heritage attributes of Bridge 3-E in accordance with the HIA and therefore that project may also be considered exempt through the Archaeological Screening Process (ASP). In order to complete the ASP and confirm the appropriate project schedule, **can HDI con□rm the □ollowing**:

- Is there Aboriginal knowledge of archaeological sites on or within 500 metres of Bridge 3-E?
- Is there Aboriginal knowledge or historically documented evidence of past Aboriginal use on or within 500 meters of Bridge 3-E?
- Is there aboriginal knowledge of marine archaeological sites on or within 500 metres of Bridge 3-E?

We are scheduling field work for the natural environment studies in the coming weeks; however, we would like to confirm your preferred level of involvement in these field studies with you prior to them being undertaken. **Can you please con□rm whether your request is to have a □ield monitor present □or the studies below, or just to receive the dra□t environmental impacts study report □or review?**

- Ecological Land Classification
- Botanical / Tree Inventory
- Aquatic Habitats survey
- Terrestrial Habitats survey

We hope that the above information allows you to confirm your desired level of involvement in the project and better outline the scope and terms of an agreement associated with the project. Should you have any questions or like further clarification on any aspects of this study, please do not hesitate to contact a member of the project team below. If you feel it would be beneficial, we could set up a meeting for further discussions regarding the project and agreement.

Adam Dickieson Engineering Services Coordinator Township of Centre Wellington 1 MacDonald Square, Elora, ON N0B 1S0 519-846-9691 x 355 adickieson@centrewellington.ca	Andrew Dawson, P. Eng. Consultant Project Manager R.J. Burnside & Associates Ltd. 292 Speedvale Ave W. #20, Guelph, ON N1H 1C4 705-797-4310 andrew.dawson@rjburnside.com

Regards,
Adam.



Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

O□ice located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Shannon Hill <shannonhill@hdi.land>
Sent: Monday, July 1, 2024 5:27 PM
To: Raechelle Williams <raechellewilliams@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>
Cc: andrew.dawson@rjburnside.com; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>
Subject: Re: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

You don't often get email from shannonhill@hdi.land. Learn why this is important

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Afternoon,

Could you please send the following details to get the agreement in order?

Could you please send us the details below:

1. Project name and address
2. Proper company name and address
3. Contact information for the individual responsible for executing the agreement (Name, phone number and email)
4. Invoicing information (Name and email)

We'll also need the PIF number licensee's name and email (if known)

Once this information is received agreement will be generated and sent.

Thank you,

Shannon Hill

Finance Assistant
Haudenosaunee Development Institute
PO Box 714
Ohsweken, Ontario N0A 1M0

From: Raechelle Williams <raechellewilliams@hdi.land>
Sent: Wednesday, June 26, 2024 4:30 PM
To: adickieson@centrewellington.ca <adickieson@centrewellington.ca>
Cc: andrew.dawson@rjburnside.com <andrew.dawson@rjburnside.com>; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Shannon Hill <shannonhill@hdi.land>
Subject: Fwd: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Sge:no Adam,

Nya:weh for reaching out regarding this study to review the four existing bridges in the Township of Centre Wellington. We would like to participate in this project and be involved with any infield and report reviewing for the natural environment assessment and archaeology assessments. Once the evaluation is completed, we wish to have a construction monitor be involved on any bridges requiring any rehabilitation or reconstruction.

I will have one of my colleagues prepare a 2024 Monitoring Agreement and send it to you. Once this is completed and signed by both parties, please forward the scheduled work to Todd Williams, archeaology@hdi.land and myself.

Nya:weh,

Raechelle Williams

HDI Environmental Supervisor

Haudenosaunee Development Institute

P.O. Box 714

Ohsweken, ON

N0A 1M0

Ph: 519-445-4222

(Direct): 519-802-9402

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---------- Forwarded message ---------
From: **Tracey General** <traceyghdi@gmail.com>
Date: Wed, Jun 12, 2024 at 12:59 PM
Subject: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045
To: Brian Doolittle <ganowa@me.com>, Aaron Detlor <aarondetlor@gmail.com>, Todd Williams <toddwilliams@hdi.land>, Raechelle Williams <raechellewilliams@hdi.land>, Sharann Martin <sharannmartin@hdi.land>

Good Afternoon:

RE: STUDY OF FOUR BRIDGES IN THE TOWNSHIP OF CENTRE WELLINGTON
PROJECT NO.: 300058117

Please see attachment.

Thank you!
Tracey

Crystal Ferguson

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Thursday, June 20, 2024 4:09 PM
To: janicewilliams@hdi.land
Cc: Andrew Dawson; Crystal Ferguson; Tricia Radburn; communications@hdi.land; jocko@sixnationsns.com; info@hdi.land; 1749resource@gmail.com
Subject: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24
Attachments: 058117_Upcoming Study_HDI.pdf

Categories: Brown

Janice,

As follow-up to a call to your office, I was requested to provide details through an email as you are currently working out of the office. I am hoping that the attached letter was received via Canada Post by your office last week. Please find attached a copy of the same letter that provides the details of an upcoming Township of Centre Wellington study. Let me know if project notifications are being received and if there are others that the Township should include in project correspondence.

Re: Upcoming Study to Review Four Bridges in Centre Wellington (Former West Garafraxa and Eramosa Townships)

The Township of Centre Wellington is scoping for a Municipal Class Environmental Assessment (MCEA) to evaluate options for four (4) bridges which are either currently closed to vehicular traffic or have a load restriction due to their poor condition. The Bridge and Transportation will consider the role of these bridges in the Township's road network and their value in connecting points across the community when determining the preferred alternative.
A summary of the project is as follows:

Project Lead:	• Township of Centre Wellington
Project consultant:	• R.J. Burnside & Associates Limited
Approval Process:	• Municipal Class EA
Project Location:	• Four bridges in the former West Garafraxa and Eramosa Townships (refer to attached letter for a map)
Duty to Consult:	• The province has delegated the responsibility for consultation to the Township of Centre Wellington
Project Purpose:	• To assess whether one or more of the four bridges should be reopened or remain closed.
Studies to be completed:	• Traffic study to review traffic patterns, volumes and flow. • Archaeological screening and additional archaeological studies, if required. • Cultural Heritage Screening and additional heritage studies, if required. • Ecological study using existing records and field observations. • Geotechnical study to assess soil conditions and stability, if required.

Potential impacts to Treaty/Aboriginal Rights:	• To be determined, based on information received from your community.

We are notifying you of the upcoming project (see attached letter) in hopes that you can assist our project team in determining if your community may hold interest in this project. Your comments are welcome and will be taken into consideration throughout this study.
As new information is made available the Bridge & Transportation Network Study for Four Bridges | Connect CW Township web site will be updated as well as regular notifications.
If you have an interest in this project, please contact one of the Project Team members below. The team is happy to provide additional information, provide opportunities for your community to participate in studies or review project reports, or meet with team members to answer questions and resolve concerns.

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
705-797-4310
andrew.dawson@rjburnside.com

Information will be collected in accordance with the *Municipal Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Sincerely,
Adam Dickieson

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Centre Wellington

June 11, 2024

Via: Canada Post Registered Mail

Environmental Supervisor
Haudenosaunee Confederacy
16 Sunrise Court, Suite 600, P.O. Box 714
Ohsweken, ON
N0A 1M0

Dear Raechelle (Janice) Williams:

Re: Study of Four Bridges in the Township of Centre Wellington
Project No.: 300058117

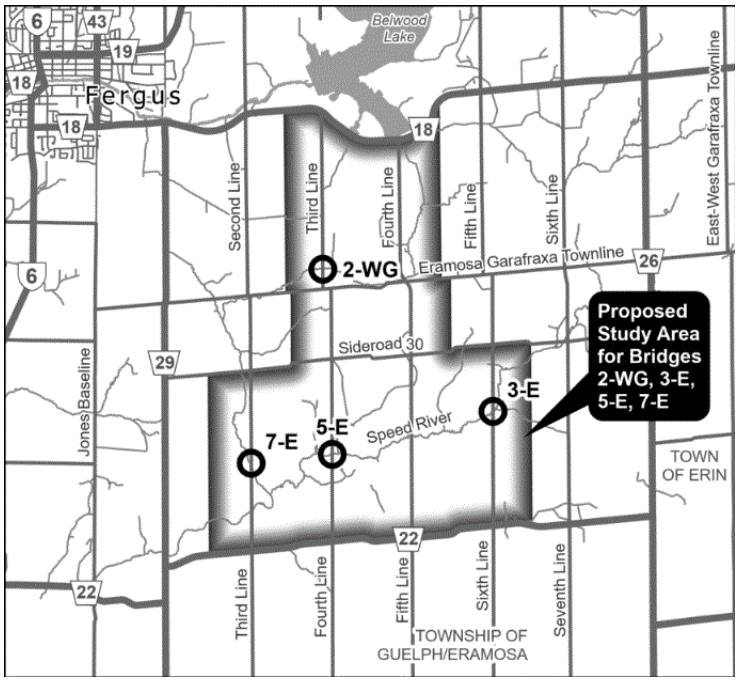
We are writing to inform you of an upcoming study to review **four existing bridges** in the Township of Centre Wellington. The bridges are located southwest of the community of Fergus, as shown in the area on the map below. Each bridge spans a tributary of the Speed River, which is part of the Grand River watershed.

The bridges, are currently in poor or deteriorating condition, as follows:

- Bridge 2-WG: Open with load restrictions
- Bridge 7-E: Temporarily closed due to poor condition
- Bridge 5-E: Temporarily closed due to poor condition
- Bridge 3-E: Temporarily closed due to poor condition

The Township has contracted R.J. Burnside & Associates Limited (Burnside) to evaluate whether each bridge should be:

- Closed permanently;
- Rehabilitated (within minor upgrades and modifications); or
- Reconstructed.



The study will be completed in accordance with **the Municipal Class Environmental Assessment (MCEA) process**. This includes an **Archaeological Assessment**, as required; **plant and wildlife habitat and species at risk** reviews; **cultural heritage** reviews as well as an assessment of any potential impacts to **Aboriginal or Treaty Rights**.

When evaluating whether each bridge should be closed, rehabilitated or reconstructed, the Township will consider archaeological resources, cultural heritage and the natural environment. The study will also assess the impact of closing one or more bridges on the community, how the community is connected, traffic patterns and response time for emergency services.

We recognize the importance of consultation with Haudenosaunee Development Institute as part of this study.

If you have an interest in this project, please contact one of the Project Team members below. The team is happy to provide additional information, provide opportunities for your community to participate in any potential studies or review project reports, or meet with team members to answer questions and resolve concerns.

Adam Dickieson Engineering Services Coordinator Township of Centre Wellington 1 MacDonald Square, Elora, ON N0B 1S0 519-846-9691 x 355 adickieson@centrewellington.ca	Andrew Dawson, P. Eng. Consultant Project Manager R.J. Burnside & Associates Ltd. 292 Speedvale Ave W. #20, Guelph, ON N1H 1C4 705-797-4310 andrew.dawson@rjburnside.com

Yours truly,



Township of Centre Wellington
Adam Dickieson
Engineering Services Coordinator

Crystal Ferguson

From: Raechelle Williams <raechellewilliams@hdi.land>
Sent: Wednesday, June 26, 2024 4:28 PM
To: adickieson@centrewellinaton.ca
Cc: Andrew Dawson; HDI Administration; Todd Williams; Shannon Hill
Subject: Fwd: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045
Attachments: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045 RE STUDY OF FOUR BRIDGES IN THE TOWNSHIP OF CENTRE WELLINGTON.pdf

Sge:no Adam,

Nya:weh for reaching out regarding this study to review the four existing bridges in the Township of Centre Wellington. We would like to participate in this project and be involved with any infield and report reviewing for the natural environment assessment and archaeology assessments. Once the evaluation is completed, we wish to have a construction monitor be involved on any bridges requiring any rehabilitation or reconstruction.

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Raechelle Williams
HDI Environmental Supervisor
Haudenosaunee Development Institute
P.O. Box 714
Ohsweken, ON
N0A 1M0
Ph: 519-445-4222
(Direct): 519-802-9402

Haudenosaunee Development Institute

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Date: Wed, Jun 12, 2024 at 12:59 PM
Subject: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045
To: Brian Doolittle <ganowa@me.com>, Aaron Detlor <aarondetlor@gmail.com>, Todd Williams <toddwilliams@hdi.land>, Raechelle Williams <raechellewilliams@hdi.land>, Sharann Martin <sharannmartin@hdi.land>

Good Afternoon:

RE: STUDY OF FOUR BRIDGES IN THE TOWNSHIP OF CENTRE WELLINGTON
PROJECT NO.: 300058117

Please see attachment.

Thank you!
Tracey

Centre Wellington

030-200-045
RECEIVED

June 11, 2024

Via: Canada Post Registered Mail

Secretary to the Haudenosaunee Confederacy
Haudenosaunee Confederacy
16 Sunrise Court, Suite 600, P.O. Box 714
Ohsweken, ON
N0A 1M0

Dear Leroy Hill:

Re: Study of Four Bridges in the Township of Centre Wellington
Project No.: 300058117

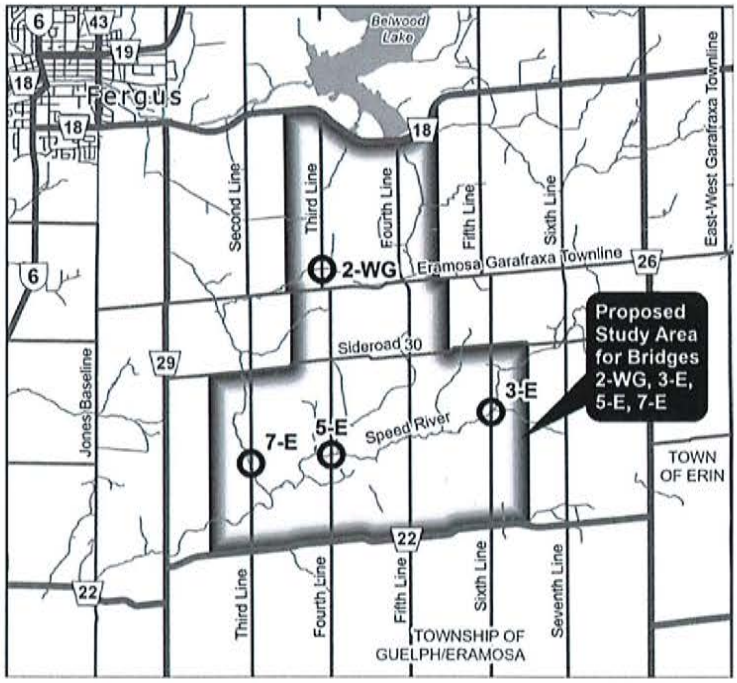
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When evaluating whether each bridge should be closed, rehabilitated or reconstructed, the Township will consider archaeological resources, cultural heritage and the natural environment. The study will also assess the impact of closing one or more bridges on the community, how the community is connected, traffic patterns and response time for emergency services.

We recognize the importance of consultation with Haudenosaunee Development Institute as part of this study.

If you have an interest in this project, please contact one of the Project Team members below. The team is happy to provide additional information, provide opportunities for your community to participate in any potential studies or review project reports, or meet with team members to answer questions and resolve concerns.

Adam Dickieson Engineering Services Coordinator Township of Centre Wellington 1 MacDonald Square, Elora, ON N0B 1S0 519-846-9691 x 355 adickieson@centrewellington.ca	Andrew Dawson, P. Eng. Consultant Project Manager R.J. Burnside & Associates Ltd. 292 Speedvale Ave W. #20, Guelph, ON N1H 1C4 705-797-4310 andrew.dawson@rjburnside.com

Yours truly,

Township of Centre Wellington
Adam Dickieson
Engineering Services Coordinator

Crystal Ferguson

From: Shannon Hill <shannonhill@hdi.land>
Sent: Monday, July 01, 2024 5:27 PM
To: Raechelle Williams; adickieson@centrewellington.ca
Cc: Andrew Dawson; HDI Administration; Todd Williams; Sharann Martin
Subject: Re: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Follow Up Flag: Follow up
Flag Status: Flagged

Afternoon,

Could you please send the following details to get the agreement in order?

Could you please send us the details below:

1. Project name and address
2. Proper company name and address
3. Contact information for the individual responsible for executing the agreement (Name, phone number and email)
4. Invoicing information (Name and email)

We'll also need the PIF number licensee's name and email (if known)

Once this information is received agreement will be generated and sent.

Thank you,

Shannon Hill
Finance Assistant
Haudenosaunee Development Institute
PO Box 714
Ohsweken, Ontario N0A 1M0

From: Raechelle Williams <raechellewilliams@hdi.land>
Sent: Wednesday, June 26, 2024 4:30 PM
To: adickieson@centrewellington.ca <adickieson@centrewellington.ca>
Cc: andrew.dawson@rjburnside.com <andrew.dawson@rjburnside.com>; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Shannon Hill <shannonhill@hdi.land>
Subject: Fwd: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Sge:no Adam,

Nya:weh for reaching out regarding this study to review the four existing bridges in the Township of Centre Wellington. We would like to participate in this project and be involved with any infield and report reviewing for the natural environment assessment and archaeology assessments. Once the evaluation is

completed, we wish to have a construction monitor be involved on any bridges requiring any rehabilitation or reconstruction.

I will have one of my colleagues prepare a 2024 Monitoring Agreement and send it to you. Once this is completed and signed by both parties, please forward the scheduled work to Todd Williams, archeaology@hdi.land and myself.

Nya:weh,

Raechelle Williams
HDI Environmental Supervisor
Haudenosaunee Development Institute
P.O. Box 714
Ohsweken, ON
N0A 1M0
Ph: 519-445-4222
(Direct): 519-802-9402



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Date: Wed, Jun 12, 2024 at 12:59 PM
Subject: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045
To: Brian Doolittle <ganowa@me.com>, Aaron Detlor <aarondetlor@gmail.com>, Todd Williams <toddwilliams@hdi.land>, Raechelle Williams <raechellewilliams@hdi.land>, Sharann Martin <sharannmartin@hdi.land>

Good Afternoon:

RE: STUDY OF FOUR BRIDGES IN THE TOWNSHIP OF CENTRE WELLINGTON
PROJECT NO.: 300058117

Please see attachment.

Thank you!
Tracey

Crystal Ferguson

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Thursday, July 04, 2024 11:18 AM
To: Shannon Hill; Raechelle Williams
Cc: Andrew Dawson; HDI Administration; Todd Williams; Sharann Martin
Subject: RE: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Shannon and Raechelle,

Nya:weh / Thank-you for your interest in the Township's project. We are looking forward to working with your community and hearing further information related your community's interest in the proposed activities.

In regards to Shannon's request for information, please see responses below:

1. **Project name and address:**
   Bridge and Transportation Network Study for Four Bridges
   Locations:
   Bridge 2-WG = Third Line, approximately 330 m north of Eramosa-Garafraxa Townline (https://maps.app.goo.gl/h3JsWbNqG87vK8Xp8)
   Bridge 3-E = Sixth Line, approximately 1.9 km north of Wellington Road 22 (https://maps.app.goo.gl/WKgbhkFX54BoNJhS9)
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   Bridge 7-E = Third Line, approximately 1.5 km north of Wellington Road 22 (https://maps.app.goo.gl/FUBE7fj7WQKZPT6g9)
2. **Proper company name and address**: Township of Centre Wellington, 1 MacDonald Square, Elora, ON N0B 1S0
3. **Contact information for the individual responsible for executing the agreement (Name, phone number and email):** Adam Dickieson, adickieson@centrewellington.ca
4. **Invoicing information (Name and email):** Adam Dickieson, adickieson@centrewellington.ca

To help us understand your desired level of involvement, I am providing a brief overview of the project status and anticipated impacts below for your consideration and ask that you outline which specific aspects of the project you have interest in, and whether that interest is field monitoring and/or document review:

The four bridge structures are watercourse crossings of the Speed River and its tributaries, which are part of the Grand Rivier watershed. The existing structures are narrow, single lane structures that were constructed between 1919 and 1923. Three of the four structures have been closed to traffic and the fourth has been load restricted to 15 tonnes due to the deteriorated state and concerns regarding load carrying capacity. The multiple closures of structures within this study area has resulted in disruptions to transportation connectivity and the Township is looking to confirm their preferred approach for this system of structures. The study will examine the effects of opening several combinations of structures, including no structures or all structures.

The potential impacts to the natural environment will be dependent on the selective alternative at each site. From a preliminary perspective, we are looking at considering several options at each site, including:

- Do Nothing (deteriorated structures remain in place and closed to traffic)
- Permanent Removal of Structure
- Rehabilitation of Structure (likely to be deemed unfeasible due to the state of the structures)
- Replacement of Structure

Based on these alternatives we can foresee that potential impacts to the natural environment could possibly include:

- Disturbance (excavation / re-grading) of the study area (for bridge replacement alternative)
- Temporary in-water works, including temporary isolation of the structure and localized unwatering of the watercourse to allow works to be completed in the dry.
- Vegetation removals (if required) for widening of structure or roadway, regrading, construction access, etc.

We are in the process of undergoing desktop and field studies of the natural, heritage, built and economic environments to determine areas of interest and possible impacts.
A Cultural Heritage Evaluation and a Stage 1 Archaeological Assessment (AA) study have been completed on all four structures to date. Only Bridge 3E was found to have cultural heritage value/interest. A Heritage Impact Assessment will be scheduled for Bridge 3E, tentatively in August, to provide further context of impacts to heritage features and recommendations for conservation of these interests. The Stage 1 AA found that all bridges had low archaeological potential and indicated that no further investigations are required for the sites. The draft reports of these studies are provided at the link below for your reference. **Can you please confirm if you intend to review these draft reports and, if so, could you please provide comments by July 19, 2024**.
058117 - CHER and Stage 1 AA

From a Municipal Class Environmental Assessment perspective, the applicable schedule of these projects will be further reviewed and determined based on results of background studies. At current, it is anticipated that Bridges 2-WG, 5-E and 7-E will be exempt from the Environmental Assessment Act as per Project Description 31a of the MCEA Document as the studies completed indicated no heritage value or interest. Pending the results of the Heritage Impact Assessment (HIA), the Township may look to conserve heritage attributes of Bridge 3-E in accordance with the HIA and therefore that project may also be considered exempt through the Archaeological Screening Process (ASP). In order to complete the ASP and confirm the appropriate project schedule, **can HDI confirm the following**:

- Is there Aboriginal knowledge of archaeological sites on or within 500 metres of Bridge 3-E?
- Is there Aboriginal knowledge or historically documented evidence of past Aboriginal use on or within 500 meters of Bridge 3-E?
- Is there aboriginal knowledge of marine archaeological sites on or within 500 metres of Bridge 3-E?

We are scheduling field work for the natural environment studies in the coming weeks; however, we would like to confirm your preferred level of involvement in these field studies with you prior to them being undertaken. **Can you please confirm whether your request is to have a field monitor present for the studies below, or just to receive the draft environmental impacts study report for review?**

- Ecological Land Classification
- Botanical / Tree Inventory
- Aquatic Habitats survey
- Terrestrial Habitats survey

We hope that the above information allows you to confirm your desired level of involvement in the project and better outline the scope and terms of an agreement associated with the project. Should you have any questions or like further clarification on any aspects of this study, please do not hesitate to contact a member of the project team below. If you feel it would be beneficial, we could set up a meeting for further discussions regarding the project and agreement.

Adam Dickieson Engineering Services Coordinator Township of Centre Wellington 1 MacDonald Square, Flora, ON N0B 1S0	Andrew Daws Consultant Pr R.J. Burnside 292 Speedval Guelph, ON N

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

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You don't often get email from shannonhill@hdi.land. Learn why this is important

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Thank you,

Shannon Hill
Finance Assistant

Haudenosaunee Development Institute
PO Box 714
Ohsweken, Ontario N0A 1M0

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Nya:weh,

Raechelle Williams

HDI Environmental Supervisor

Haudenosaunee Development Institute

P.O. Box 714

Ohsweken, ON

N0A 1M0

Ph: 519-445-4222

(Direct): 519-802-9402



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Good Afternoon:

RE: STUDY OF FOUR BRIDGES IN THE TOWNSHIP OF CENTRE WELLINGTON
PROJECT NO.: 300058117

Please see attachment.

Thank you!
Tracey

Crystal Ferguson

From: Jamie Lemon <jlemon@phcgroup.ca>
Sent: Thursday, July 04, 2024 11:50 AM
To: Sharann Martin
Cc: archaeology@hdi.land; Owen Greene; Todd Williams; Andrew Dawson; Matt Brooks; Adam Dickieson
Subject: RE: Centre Wellington Bridges EA (RFP #09-23) - Stage 2 AA

Hi Sharann,

The PIF for this work is P1056-0257-2024. I am the licensee.

Thank you,

Jamie

Jamie Lemon, MA
Senior Archaeologist/Project Manager
jlemon@phcgroup.ca
226-230-0607

PHC is pleased to support a 4-day work week. Our core hours are Monday to Thursday, 8am – 5pm.

Parslow Heritage Consultancy Inc.
www.phcgroup.ca



From: Sharann Martin <sharannmartin@hdi.land>
Sent: Wednesday, July 3, 2024 3:45 PM
To: Jamie Lemon <jlemon@phcgroup.ca>
Cc: archaeology@hdi.land; Owen Greene <owengreene@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Andrew Dawson <Andrew.Dawson@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>
Subject: Re: Centre Wellington Bridges EA (RFP #09-23) - Stage 2 AA

Good morning Jamie,

Thank you for reaching out regarding this project. We would like to meaningfully participate in this assessment and will be sending our 2024 Monitoring Agreement along shortly.

Adam, could you provide the following:

1. Project name
2. Proper company name and address of the project
3. Contact information for the individual responsible for executing the agreement
4. Invoicing information

We'll also need the PIF number and the licensee's name and email.

Once we have this information, we can get the agreement together and send it out.

When the work has been scheduled please send deployment information to archaeology@hdi.land, with Todd Williams (toddwilliams@hdi.land), and Owen Greene (owengreene@hdi.land) copied.

Nyá:wen,

Sharann Martin
Interim Archaeology Logistics Coordinator
Haudenosaunee Development Institute
O: (519) 445-4222
M: (226) 456-2508
sharannmartin@hdi.land

As of June 21, 2024, I will no longer be the Archaeology Logistics Coordinator. I will be assisting with the transition but going forward, please send deployment and cancellation notices to archaeology@hdi.land, owengreene@hdi.land, and toddwilliams@hdi.land.

On Fri, Jun 28, 2024 at 12:22 PM Jamie Lemon <jlemon@phcgroup.ca> wrote:

> Good afternoon,
>
> PHC has been retained by RJ Burnside & Associates Ltd. to complete Stage 2 test pit survey for two bridges in the Township of Centre Wellington. The end client is the Township. These bridges, identified as 28-P and 33-P, are illustrated on the attached map. Note – of the bridges circled on the attached map, only 28-P and 33-P are part of the Stage 2 scope.
>
> At the direction of the Township, we would like to notify you of the upcoming Stage 2 fieldwork, to give you an opportunity to provide an archaeological monitor for the duration of the work (1 day). In order to allow

time for agreements with the Township to be finalized, we anticipate the fieldwork being undertaken in mid to late July.

Should you elect to provide an archaeological monitor for the fieldwork, and/or be provided with the draft archaeological assessment report for review, please provide your monitoring agreement to Adam Dickieson from the Township of Centre Wellington (cc'd).

Please do not hesitate to reach out if there are any questions. @Owen Greene and @Todd Williams, I have not included Sharann, per her notice of role change on her signature line, but please let me know if I am to continue including her on correspondence.

Thank you,

Jamie

Jamie Lemon, MA

Senior Archaeologist/Project Manager

jlemon@phcgroup.ca

226-230-0607

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Parslow Heritage Consultancy Inc.

www.phcgroup.ca


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2024

Crystal Ferguson

From: Raechelle Williams <raechellewilliams@hdi.land>
Sent: Friday, July 05, 2024 3:34 PM
To: Adam Dickieson
Cc: Shannon Hill; Andrew Dawson; HDI Administration; Todd Williams; Sharann Martin
Subject: Re: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Follow Up Flag: Follow up
Flag Status: Flagged

Sge:no Adam,

To answer your question regarding the natural environment studies, yes HDI will have a monitor be present for the studies below and will also like to receive the draft environmental impact study report for review.

- ELC
- Botanical/Tree Inventory
- Aquatic Habitats survey
- Terrestrial Habitats survey

Can you forward the consultant who is performing these surveys scheduled and we can arrange to have a monitor participate with them in the field.

As for the archaeology portion of this project, I will leave this response with my colleagues Todd Williams and Sharann Martin.

Regards,

Raechelle Williams
HDI Environmental Supervisor
Haudenosaunee Development Institute
P.O. Box 714
Ohsweken, ON
N0A 1M0
Ph: 519-445-4222
(Direct): 519-802-9402

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On Thu, Jul 4, 2024 at 11:18 AM Adam Dickieson <ADickieson@centrewellington.ca> wrote:

> Shannon and Raechelle,

Nya:weh / Thank-you for your interest in the Township's project. We are looking forward to working with your community and hearing further information related your community's interest in the proposed activities.

In regards to Shannon's request for information, please see responses below:

1. **Project name and address:**

   Bridge and Transportation Network Study for Four Bridges

   Locations:

   Bridge 2-WG = Third Line, approximately 330 m north of Eramosa-Garafraxa Townline (https://maps.app.goo.gl/h3JsWbNqG87vK8Xp8)

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2. **Proper company name and address**: Township of Centre Wellington, 1 MacDonald Square, Elora, ON N0B 1S0
3. **Contact information for the individual responsible for executing the agreement (Name, phone number and email):** Adam Dickieson, adickieson@centrewellington.ca
4. **Invoicing information (Name and email):** Adam Dickieson, adickieson@centrewellington.ca

To help us understand your desired level of involvement, I am providing a brief overview of the project status and anticipated impacts below for your consideration and ask that you outline which specific aspects of the project you have interest in, and whether that interest is field monitoring and/or document review:

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Based on these alternatives we can foresee that potential impacts to the natural environment could possibly include:

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058117 - CHER and Stage 1 AA

From a Municipal Class Environmental Assessment perspective, the applicable schedule of these projects will be further reviewed and determined based on results of background studies. At current, it is anticipated that Bridges 2-WG, 5-E and 7-E will be exempt from the Environmental Assessment Act as per Project Description 31a of the MCEA Document as the studies completed indicated no heritage value or interest. Pending the results of the Heritage Impact Assessment (HIA), the Township may look to conserve heritage attributes of Bridge 3-E in accordance with the HIA and therefore that project may also be considered exempt through the Archaeological Screening Process (ASP). In order to complete the ASP and confirm the appropriate project schedule, **can HDI confirm the following**:

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We are scheduling field work for the natural environment studies in the coming weeks; however, we would like to confirm your preferred level of involvement in these field studies with you prior to them being undertaken. **Can you please confirm whether your request is to have a field monitor present for the studies below, or just to receive the draft environmental impacts study report for review?**

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We hope that the above information allows you to confirm your desired level of involvement in the project and better outline the scope and terms of an agreement associated with the project. Should you have any questions or like further clarification on any aspects of this study, please do not hesitate to contact a member of the project team below. If you feel it would be beneficial, we could set up a meeting for further discussions regarding the project and agreement.

Adam Dickieson Engineering Services Coordinator Township of Centre Wellington 1 MacDonald Square, Elora, ON N0B 1S0	Andrew Daws Consultant Pr R.J. Burnside 292 Speedval Guelph, ON N

Regards,

Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0

519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

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We'll also need the PIF number licensee's name and email (if known)

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Thank you,

Shannon Hill

Finance Assistant

Haudenosaunee Development Institute

PO Box 714

Ohsweken, Ontario N0A 1M0

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Raechelle Williams

HDI Environmental Supervisor

Haudenosaunee Development Institute

P.O. Box 714

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Good Afternoon:

RE: STUDY OF FOUR BRIDGES IN THE TOWNSHIP OF CENTRE WELLINGTON
PROJECT NO.: 300058117

Please see attachment.

Thank you!
Tracey

Crystal Ferguson

From: Andrew Dawson
Sent: Tuesday, July 09, 2024 10:23 AM
To: Raechelle Williams
Cc: Shannon Hill; HDI Administration; Todd Williams; Sharann Martin; Adam Dickieson; Tricia Radburn
Subject: RE: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Raechelle,
Adam Dickieson from the Township is currently out of office, so I will respond on his behalf.

R.J. Burnside's staff will be conducting the environmental field studies listed below. I have cc'd Tricia Radburn on this email, who will be coordinating those studies. It would be ideal for us to have the studies completed within the next couple of weeks, but we do not have a definitive date set yet, as we wanted to confirm HDI's level of involvement and finalize any agreements before scheduling.

As such, I believe the next step will be the review of HDI's agreement for these works with the Township once it is received. Once an agreement is made, we can coordinate scheduling the work between your team and Tricia.

We look forward to hearing from Todd and Sharran as well regarding the archaeological items!

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Raechelle Williams <raechellewilliams@hdi.land>
Sent: Friday, July 05, 2024 3:34 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Cc: Shannon Hill <shannonhill@hdi.land>; Andrew Dawson <Andrew.Dawson@rjburnside.com>; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>
Subject: Re: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Sge:no Adam,

To answer your question regarding the natural environment studies, yes HDI will have a monitor be present for the studies below and will also like to receive the draft environmental impact study report for review.

- ELC
- Botanical/Tree Inventory
- Aquatic Habitats survey
- Terrestrial Habitats survey

Can you forward the consultant who is performing these surveys scheduled and we can arrange to have a monitor participate with them in the field.

As for the archaeology portion of this project, I will leave this response with my colleagues Todd Williams and Sharann Martin.

Regards,

Raechelle Williams
HDI Environmental Supervisor
Haudenosaunee Development Institute
P.O. Box 714
Ohsweken, ON
N0A 1M0
Ph: 519-445-4222
(Direct): 519-802-9402

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On Thu, Jul 4, 2024 at 11:18 AM Adam Dickieson <ADickieson@centrewellington.ca> wrote:

> Shannon and Raechelle,
>
> Nya:weh / Thank-you for your interest in the Township's project. We are looking forward to working with your community and hearing further information related your community's interest in the proposed activities.
>
> In regards to Shannon's request for information, please see responses below:
>
> 1. **Project name and address:**
>
> Bridge and Transportation Network Study for Four Bridges
>
> Locations:
>
> Bridge 2-WG = Third Line, approximately 330 m north of Eramosa-Garafraxa Townline (https://maps.app.goo.gl/h3JsWbNqG87vK8Xp8)
>
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>
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>
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2. **Proper company name and address**: Township of Centre Wellington, 1 MacDonald Square, Elora, ON N0B 1S0
3. **Contact information for the individual responsible for executing the agreement (Name, phone number and email):** Adam Dickieson, adickieson@centrewellington.ca
4. **Invoicing information (Name and email):** Adam Dickieson, adickieson@centrewellington.ca

To help us understand your desired level of involvement, I am providing a brief overview of the project status and anticipated impacts below for your consideration and ask that you outline which specific aspects of the project you have interest in, and whether that interest is field monitoring and/or document review:

The four bridge structures are watercourse crossings of the Speed River and its tributaries, which are part of the Grand Rivier watershed. The existing structures are narrow, single lane structures that were constructed between 1919 and 1923. Three of the four structures have been closed to traffic and the fourth has been load restricted to 15 tonnes due to the deteriorated state and concerns regarding load carrying capacity. The multiple closures of structures within this study area has resulted in disruptions to transportation connectivity and the Township is looking to confirm their preferred approach for this system of structures. The study will examine the effects of opening several combinations of structures, including no structures or all structures.

The potential impacts to the natural environment will be dependent on the selective alternative at each site. From a preliminary perspective, we are looking at considering several options at each site, including:

- Do Nothing (deteriorated structures remain in place and closed to traffic)
- Permanent Removal of Structure
- Rehabilitation of Structure (likely to be deemed unfeasible due to the state of the structures)
- Replacement of Structure

Based on these alternatives we can foresee that potential impacts to the natural environment could possibly include:

- Disturbance (excavation / re-grading) of the study area (for bridge replacement alternative)
- Temporary in-water works, including temporary isolation of the structure and localized unwatering of the watercourse to allow works to be completed in the dry.
- Vegetation removals (if required) for widening of structure or roadway, regrading, construction access, etc.

We are in the process of undergoing desktop and field studies of the natural, heritage, built and economic environments to determine areas of interest and possible impacts.

A Cultural Heritage Evaluation and a Stage 1 Archaeological Assessment (AA) study have been completed on all four structures to date. Only Bridge 3E was found to have cultural heritage value/interest. A Heritage Impact Assessment will be scheduled for Bridge 3E, tentatively in August, to provide further context of impacts to heritage features and recommendations for conservation of these interests. The Stage 1 AA found that all bridges had low archaeological potential and indicated that no further investigations are required for the sites. The draft

reports of these studies are provided at the link below for your reference. **Can you please confirm if you intend to review these draft reports and, if so, could you please provide comments by July 19, 2024**.

058117 - CHER and Stage 1 AA

From a Municipal Class Environmental Assessment perspective, the applicable schedule of these projects will be further reviewed and determined based on results of background studies. At current, it is anticipated that Bridges 2-WG, 5-E and 7-E will be exempt from the Environmental Assessment Act as per Project Description 31a of the MCEA Document as the studies completed indicated no heritage value or interest. Pending the results of the Heritage Impact Assessment (HIA), the Township may look to conserve heritage attributes of Bridge 3-E in accordance with the HIA and therefore that project may also be considered exempt through the Archaeological Screening Process (ASP). In order to complete the ASP and confirm the appropriate project schedule, **can HDI confirm the following**:

- Is there Aboriginal knowledge of archaeological sites on or within 500 metres of Bridge 3-E?
- Is there Aboriginal knowledge or historically documented evidence of past Aboriginal use on or within 500 meters of Bridge 3-E?
- Is there aboriginal knowledge of marine archaeological sites on or within 500 metres of Bridge 3-E?

We are scheduling field work for the natural environment studies in the coming weeks; however, we would like to confirm your preferred level of involvement in these field studies with you prior to them being undertaken. **Can you please confirm whether your request is to have a field monitor present for the studies below, or just to receive the draft environmental impacts study report for review?**

- Ecological Land Classification
- Botanical / Tree Inventory
- Aquatic Habitats survey
- Terrestrial Habitats survey

We hope that the above information allows you to confirm your desired level of involvement in the project and better outline the scope and terms of an agreement associated with the project. Should you have any questions or like further clarification on any aspects of this study, please do not hesitate to contact a member of the project team below. If you feel it would be beneficial, we could set up a meeting for further discussions regarding the project and agreement.

Adam Dickieson Engineering Services Coordinator Township of Centre Wellington 1 MacDonald Square, Flora, ON N0B 1S0	Andrew Daws Consultant Pr R.J. Burnside 292 Speedval Guelph, ON N

Regards,

Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0

519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Shannon Hill <shannonhill@hdi.land>
Sent: Monday, July 1, 2024 5:27 PM
To: Raechelle Williams <raechellewilliams@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>
Cc: andrew.dawson@rjburnside.com; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>
Subject: Re: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

You don't often get email from shannonhill@hdi.land. Learn why this is important

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Afternoon,

Could you please send the following details to get the agreement in order?

Could you please send us the details below:

1. Project name and address
2. Proper company name and address
3. Contact information for the individual responsible for executing the agreement (Name, phone number and email)
4. Invoicing information (Name and email)

We'll also need the PIF number licensee's name and email (if known)

Once this information is received agreement will be generated and sent.

Thank you,

Shannon Hill

Finance Assistant

Haudenosaunee Development Institute

PO Box 714

Ohsweken, Ontario N0A 1M0

From: Raechelle Williams <raechellewilliams@hdi.land>
Sent: Wednesday, June 26, 2024 4:30 PM
To: adickieson@centrewellington.ca <adickieson@centrewellington.ca>
Cc: andrew.dawson@rjburnside.com <andrew.dawson@rjburnside.com>; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Shannon Hill <shannonhill@hdi.land>
Subject: Fwd: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Sge:no Adam,

Nya:weh for reaching out regarding this study to review the four existing bridges in the Township of Centre Wellington. We would like to participate in this project and be involved with any infield and report reviewing for the natural environment assessment and archaeology assessments. Once the evaluation is completed, we wish to have a construction monitor be involved on any bridges requiring any rehabilitation or reconstruction.

I will have one of my colleagues prepare a 2024 Monitoring Agreement and send it to you. Once this is completed and signed by both parties, please forward the scheduled work to Todd Williams, archeaology@hdi.land and myself.

Nya:weh,

Raechelle Williams

HDI Environmental Supervisor

Haudenosaunee Development Institute

P.O. Box 714

Ohsweken, ON

N0A 1M0

Ph: 519-445-4222

(Direct): 519-802-9402

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---------- Forwarded message ---------
From: **Tracey General** <traceyghdi@gmail.com>
Date: Wed, Jun 12, 2024 at 12:59 PM
Subject: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045
To: Brian Doolittle <ganowa@me.com>, Aaron Detlor <aarondetlor@gmail.com>, Todd Williams

<toddwilliams@hdi.land>, Raechelle Williams <raechellewilliams@hdi.land>, Sharann Martin <sharannmartin@hdi.land>

Good Afternoon:

RE: STUDY OF FOUR BRIDGES IN THE TOWNSHIP OF CENTRE WELLINGTON
PROJECT NO.: 300058117

Please see attachment.

Thank you!
Tracey

Crystal Ferguson

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Thursday, August 08, 2024 11:43 AM
To: Todd Williams
Cc: Andrew Dawson; Owen Greene; Shannon Hill; Archaeology Department; Raechelle Williams
Subject: RE: HDI Monitoring Agreement for the Study of Four Bridges in Township of Centre Wellington
Attachments: 2024-25 HDI Monitor Agree-TCW Bridge & Transp. Network Study.pdf

Todd,

Please find attached a Township of Centre Wellington signed copy of the HDI Monitoring agreement.

The Township consultant (R.J. Burnside) will be communicating with HDI shortly regarding an upcoming environmental field study that is to be scheduled as part of this Four Bridge Study.

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Todd Williams <toddwilliams@hdi.land>
Sent: Wednesday, August 7, 2024 3:06 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Cc: Andrew.Dawson@rjburnside.com; Owen Greene <owengreene@hdi.land>; Shannon Hill <shannonhill@hdi.land>; Archaeology Department <archaeology@hdi.land>; Raechelle Williams <raechellewilliams@hdi.land>
Subject: Re: HDI Monitoring Agreement for the Study of Four Bridges in Township of Centre Wellington

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Afternoon Adam,

See attached updated agreement with the requested changes.

Please review and send back a signed copy.

Thanks Todd

On Wed, Jul 31, 2024 at 4:30 PM Adam Dickieson <ADickieson@centrewellington.ca> wrote:

> Todd,
>
> The Township is prepared to enter into the attached monitoring agreement with HDI for the Bridge and Transportation Network Study (4
>
> Bridges.
>
> I would like to request the following two revisions in bold to the attached draft agreement ahead of signing:
>
> - #11. *And copied to any Licensed Archaeologist involved in the Project at:*
>
> **Jamie Lemon**
>
> **jlemon@phcgroup.ca**
>
> - Please revise the Township signing authority to
>
> **Adam McNabb, Township of Centre Wellington**
>
> Let me know if the are any additional details required at this time.
>
> Regards,
>
> Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0

519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Todd Williams <toddwilliams@hdi.land>
Sent: Wednesday, July 17, 2024 1:02 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Cc: Andrew.Dawson@rjburnside.com; Owen Greene <owengreene@hdi.land>; Shannon Hill <shannonhill@hdi.land>; Archaeology Department <archaeology@hdi.land>; Raechelle Williams <raechellewilliams@hdi.land>
Subject: HDI Monitoring Agreement for the Study of Four Bridges in Township of Centre Wellington

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Sge:no(hi) Adam,

I'm emailing in regards to the email notification HDI received regarding the above mentioned project.

To accommodate HDI's participation in this project, I've attached a copy of HDI's standard monitoring agreement.

Please review...If agreed too, please sign and return a copy.

Nya:weh (thanks),

Todd E. Williams, P.Eng

Monitoring Program Coordinator

Haudenosaunee Development Institute (HDI)

Haudenosaunee Confederacy Chiefs Council (HCCC)
Haudenosaunee 1755 Treaty Territory

O: 519-445-4222

M: 519-761-1794

https://hdi.land/
https://www.haudenosauneeconfederacy.com/

https://www.loc.gov/resource/g3300.np000009/?r=0.369,0.207,0.25,0.114,0

---------- Forwarded message ---------
From: **Adam Dickieson** <ADickieson@centrewellington.ca>
Date: Wed, Jul 17, 2024 at 8:40 AM
Subject: RE: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045
To: Shannon Hill <shannonhill@hdi.land>, Raechelle Williams <raechellewilliams@hdi.land>
Cc: HDI Administration <administration@hdi.land>, Todd Williams <toddwilliams@hdi.land>, Sharann Martin <sharannmartin@hdi.land>, Tricia Radburn <Tricia.Radburn@rjburnside.com>, Andrew Dawson <Andrew.Dawson@rjburnside.com>

Shannon, Raechelle,

I am back in the office and getting caught up on my emails. Please send the agreement to me when it has been prepared.

Thank you,

Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0

519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: Tuesday, July 9, 2024 12:16 PM
To: Shannon Hill <shannonhill@hdi.land>; Raechelle Williams <raechellewilliams@hdi.land>
Cc: HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>; Tricia Radburn <Tricia.Radburn@rjburnside.com>
Subject: RE: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

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Shannon,

Thank you for the update! Is it possible that you could cc me when the agreement is sent to Adam D? Given that Adam will be away until the 15th , I'd like to keep the ball rolling on this and can discuss the agreement with Adam's manager at the Township in his absence.

Regards,

Andrew

Andrew Dawson
Project Engineer

R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Shannon Hill <shannonhill@hdi.land>
Sent: Tuesday, July 09, 2024 10:48 AM
To: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Raechelle Williams <raechellewilliams@hdi.land>
Cc: HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>; Tricia Radburn <Tricia.Radburn@rjburnside.com>
Subject: Re: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

The agreement is ready to be sent out to Adam Dickieson, it will be sent later today

Thank you,

Shannon Hill

Finance Assistant

Haudenosaunee Development Institute

PO Box 714

Ohsweken, Ontario N0A 1M0

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Sent: Tuesday, July 9, 2024 10:23 AM
To: Raechelle Williams <raechellewilliams@hdi.land>
Cc: Shannon Hill <shannonhill@hdi.land>; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>; Tricia Radburn <Tricia.Radburn@rjburnside.com>
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Haudenosaunee Development Institute

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058117 - CHER and Stage 1 AA

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- Botanical / Tree Inventory
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Adam Dickieson Engineering Services Coordinator Township of Centre Wellington 1 MacDonald Square, Elora, ON N0B 1S0	Andrew Daws Consultant Pr R.J. Burnside 292 Speedval Guelph, ON N

Regards,

Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0

519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

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Subject: Re: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

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4. Invoicing information (Name and email)

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Thank you,

Shannon Hill

Finance Assistant

Haudenosaunee Development Institute

PO Box 714

Ohsweken, Ontario N0A 1M0

From: Raechelle Williams <raechellewilliams@hdi.land>
Sent: Wednesday, June 26, 2024 4:30 PM
To: adickieson@centrewellington.ca <adickieson@centrewellington.ca>
Cc: andrew.dawson@rjburnside.com <andrew.dawson@rjburnside.com>; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Shannon Hill <shannonhill@hdi.land>
Subject: Fwd: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Sge:no Adam,

Nya:weh for reaching out regarding this study to review the four existing bridges in the Township of Centre Wellington. We would like to participate in this project and be involved with any infield and report reviewing for the natural environment assessment and archaeology assessments. Once the evaluation is completed, we wish to have a construction monitor be involved on any bridges requiring any rehabilitation or reconstruction.

I will have one of my colleagues prepare a 2024 Monitoring Agreement and send it to you. Once this is completed and signed by both parties, please forward the scheduled work to Todd Williams, archeaology@hdi.land and myself.

Nya:weh,

Raechelle Williams

HDI Environmental Supervisor

Haudenosaunee Development Institute

P.O. Box 714

Ohsweken, ON

N0A 1M0

Ph: 519-445-4222

(Direct): 519-802-9402



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---------- Forwarded message ---------
From: **Tracey General** <traceyghdi@gmail.com>
Date: Wed, Jun 12, 2024 at 12:59 PM
Subject: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045
To: Brian Doolittle <ganowa@me.com>, Aaron Detlor <aarondetlor@gmail.com>, Todd Williams <toddwilliams@hdi.land>, Raechelle Williams <raechellewilliams@hdi.land>, Sharann Martin <sharannmartin@hdi.land>

Good Afternoon:

RE: STUDY OF FOUR BRIDGES IN THE TOWNSHIP OF CENTRE WELLINGTON
PROJECT NO.: 300058117

Please see attachment.

Thank you!
Tracey

Crystal Ferguson

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Thursday, August 08, 2024 11:43 AM
To: Todd Williams
Cc: Andrew Dawson; Owen Greene; Shannon Hill; Archaeology Department; Raechelle Williams
Subject: RE: HDI Monitoring Agreement for the Study of Four Bridges in Township of Centre Wellington
Attachments: 2024-25 HDI Monitor Agree-TCW Bridge & Transp. Network Study.pdf

Todd,

Please find attached a Township of Centre Wellington signed copy of the HDI Monitoring agreement.

The Township consultant (R.J. Burnside) will be communicating with HDI shortly regarding an upcoming environmental field study that is to be scheduled as part of this Four Bridge Study.

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Todd Williams <toddwilliams@hdi.land>
Sent: Wednesday, August 7, 2024 3:06 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Cc: Andrew.Dawson@rjburnside.com; Owen Greene <owengreene@hdi.land>; Shannon Hill <shannonhill@hdi.land>; Archaeology Department <archaeology@hdi.land>; Raechelle Williams <raechellewilliams@hdi.land>
Subject: Re: HDI Monitoring Agreement for the Study of Four Bridges in Township of Centre Wellington

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Afternoon Adam,

See attached updated agreement with the requested changes.

Please review and send back a signed copy.

Thanks Todd

On Wed, Jul 31, 2024 at 4:30 PM Adam Dickieson <ADickieson@centrewellington.ca> wrote:

> Todd,
>
> The Township is prepared to enter into the attached monitoring agreement with HDI for the Bridge and Transportation Network Study (4
>
> Bridges.
>
> I would like to request the following two revisions in bold to the attached draft agreement ahead of signing:
>
> - #11. *And copied to any Licensed Archaeologist involved in the Project at:*
>
> **Jamie Lemon**
>
> **jlemon@phcgroup.ca**
>
> - Please revise the Township signing authority to
>
> **Adam McNabb, Township of Centre Wellington**
>
> Let me know if the are any additional details required at this time.
>
> Regards,
>
> Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0

519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Todd Williams <toddwilliams@hdi.land>
Sent: Wednesday, July 17, 2024 1:02 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Cc: Andrew.Dawson@rjburnside.com; Owen Greene <owengreene@hdi.land>; Shannon Hill <shannonhill@hdi.land>; Archaeology Department <archaeology@hdi.land>; Raechelle Williams <raechellewilliams@hdi.land>
Subject: HDI Monitoring Agreement for the Study of Four Bridges in Township of Centre Wellington

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Sge:no(hi) Adam,

I'm emailing in regards to the email notification HDI received regarding the above mentioned project.

To accommodate HDI's participation in this project, I've attached a copy of HDI's standard monitoring agreement.

Please review...If agreed too, please sign and return a copy.

Nya:weh (thanks),

Todd E. Williams, P.Eng

Monitoring Program Coordinator

Haudenosaunee Development Institute (HDI)

Haudenosaunee Confederacy Chiefs Council (HCCC)
Haudenosaunee 1755 Treaty Territory

O: 519-445-4222

M: 519-761-1794

https://hdi.land/
https://www.haudenosauneeconfederacy.com/

https://www.loc.gov/resource/g3300.np000009/?r=0.369,0.207,0.25,0.114,0

---------- Forwarded message ---------
From: **Adam Dickieson** <ADickieson@centrewellington.ca>
Date: Wed, Jul 17, 2024 at 8:40 AM
Subject: RE: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045
To: Shannon Hill <shannonhill@hdi.land>, Raechelle Williams <raechellewilliams@hdi.land>
Cc: HDI Administration <administration@hdi.land>, Todd Williams <toddwilliams@hdi.land>, Sharann Martin <sharannmartin@hdi.land>, Tricia Radburn <Tricia.Radburn@rjburnside.com>, Andrew Dawson <Andrew.Dawson@rjburnside.com>

Shannon, Raechelle,

I am back in the office and getting caught up on my emails. Please send the agreement to me when it has been prepared.

Thank you,

Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0

519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: Tuesday, July 9, 2024 12:16 PM
To: Shannon Hill <shannonhill@hdi.land>; Raechelle Williams <raechellewilliams@hdi.land>
Cc: HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>; Tricia Radburn <Tricia.Radburn@rjburnside.com>
Subject: RE: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Shannon,

Thank you for the update! Is it possible that you could cc me when the agreement is sent to Adam D? Given that Adam will be away until the 15th , I'd like to keep the ball rolling on this and can discuss the agreement with Adam's manager at the Township in his absence.

Regards,

Andrew

Andrew Dawson
Project Engineer

R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Shannon Hill <shannonhill@hdi.land>
Sent: Tuesday, July 09, 2024 10:48 AM
To: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Raechelle Williams <raechellewilliams@hdi.land>
Cc: HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>; Tricia Radburn <Tricia.Radburn@rjburnside.com>
Subject: Re: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

The agreement is ready to be sent out to Adam Dickieson, it will be sent later today

Thank you,

Shannon Hill

Finance Assistant

Haudenosaunee Development Institute

PO Box 714

Ohsweken, Ontario N0A 1M0

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: Tuesday, July 9, 2024 10:23 AM
To: Raechelle Williams <raechellewilliams@hdi.land>
Cc: Shannon Hill <shannonhill@hdi.land>; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>; Tricia Radburn <Tricia.Radburn@rjburnside.com>
Subject: RE: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Raechelle,

Adam Dickieson from the Township is currently out of office, so I will respond on his behalf.

R.J. Burnside's staff will be conducting the environmental field studies listed below. I have cc'd Tricia Radburn on this email, who will be coordinating those studies. It would be ideal for us to have the studies completed within the next couple of weeks, but we do not have a definitive date set yet, as we wanted to confirm HDI's level of involvement and finalize any agreements before scheduling.

As such, I believe the next step will be the review of HDI's agreement for these works with the Township once it is received. Once an agreement is made, we can coordinate scheduling the work between your team and Tricia.

We look forward to hearing from Todd and Sharran as well regarding the archaeological items!

Regards,

Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Raechelle Williams <raechellewilliams@hdi.land>
Sent: Friday, July 05, 2024 3:34 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Cc: Shannon Hill <shannonhill@hdi.land>; Andrew Dawson <Andrew.Dawson@rjburnside.com>; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>
Subject: Re: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Sge:no Adam,

To answer your question regarding the natural environment studies, yes HDI will have a monitor be present for the studies below and will also like to receive the draft environmental impact study report for review.

- ELC
- Botanical/Tree Inventory
- Aquatic Habitats survey
- Terrestrial Habitats survey

Can you forward the consultant who is performing these surveys scheduled and we can arrange to have a monitor participate with them in the field.

As for the archaeology portion of this project, I will leave this response with my colleagues Todd Williams and Sharann Martin.

Regards,

Raechelle Williams

HDI Environmental Supervisor

Haudenosaunee Development Institute

P.O. Box 714

Ohsweken, ON

N0A 1M0

Ph: 519-445-4222

(Direct): 519-802-9402

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On Thu, Jul 4, 2024 at 11:18 AM Adam Dickieson <ADickieson@centrewellington.ca> wrote:

> Shannon and Raechelle,

Nya:weh / Thank-you for your interest in the Township's project. We are looking forward to working with your community and hearing further information related your community's interest in the proposed activities.

In regards to Shannon's request for information, please see responses below:

1. **Project name and address:**

   Bridge and Transportation Network Study for Four Bridges

   Locations:

   Bridge 2-WG = Third Line, approximately 330 m north of Eramosa-Garafraxa Townline (https://maps.app.goo.gl/h3JsWbNqG87vK8Xp8)

   Bridge 3-E = Sixth Line, approximately 1.9 km north of Wellington Road 22 (https://maps.app.goo.gl/WKgbhkFX54BoNJhS9)

   Bridge 5-E = Fourth Line, approximately 1.5 km north of Wellington Road 22 (https://maps.app.goo.gl/6TfHwJGcC8BMhpgV8)

   Bridge 7-E = Third Line, approximately 1.5 km north of Wellington Road 22 (https://maps.app.goo.gl/FUBE7fj7WQKZPT6g9)

2. **Proper company name and address**: Township of Centre Wellington, 1 MacDonald Square, Elora, ON N0B 1S0
3. **Contact information for the individual responsible for executing the agreement (Name, phone number and email):** Adam Dickieson, adickieson@centrewellington.ca
4. **Invoicing information (Name and email):** Adam Dickieson, adickieson@centrewellington.ca

To help us understand your desired level of involvement, I am providing a brief overview of the project status and anticipated impacts below for your consideration and ask that you outline which specific aspects of the project you have interest in, and whether that interest is field monitoring and/or document review:

The four bridge structures are watercourse crossings of the Speed River and its tributaries, which are part of the Grand Rivier watershed. The existing structures are narrow, single lane structures that were constructed between 1919 and 1923. Three of the four structures have been closed to traffic and the fourth has been load restricted to 15 tonnes due to the deteriorated state and concerns regarding load carrying capacity. The multiple closures of structures within this study area has resulted in disruptions to transportation connectivity and the Township is looking to confirm their preferred approach for this system of structures. The study will examine the effects of opening several combinations of structures, including no structures or all structures.

The potential impacts to the natural environment will be dependent on the selective alternative at each site. From a preliminary perspective, we are looking at considering several options at each site, including:

- Do Nothing (deteriorated structures remain in place and closed to traffic)
- Permanent Removal of Structure
- Rehabilitation of Structure (likely to be deemed unfeasible due to the state of the structures)
- Replacement of Structure

Based on these alternatives we can foresee that potential impacts to the natural environment could possibly include:

- Disturbance (excavation / re-grading) of the study area (for bridge replacement alternative)
- Temporary in-water works, including temporary isolation of the structure and localized unwatering of the watercourse to allow works to be completed in the dry.
- Vegetation removals (if required) for widening of structure or roadway, regrading, construction access, etc.

We are in the process of undergoing desktop and field studies of the natural, heritage, built and economic environments to determine areas of interest and possible impacts.

A Cultural Heritage Evaluation and a Stage 1 Archaeological Assessment (AA) study have been completed on all four structures to date. Only Bridge 3E was found to have cultural heritage value/interest. A Heritage Impact Assessment will be scheduled for Bridge 3E, tentatively in August, to provide further context of impacts to heritage features and recommendations for conservation of these interests. The Stage 1 AA found that all bridges had low archaeological potential and indicated that no further investigations are required for the sites. The draft reports of these studies are provided at the link below for your reference. **Can you please confirm if you intend to review these draft reports and, if so, could you please provide comments by July 19, 2024**.

058117 - CHER and Stage 1 AA

From a Municipal Class Environmental Assessment perspective, the applicable schedule of these projects will be further reviewed and determined based on results of background studies. At current, it is anticipated that Bridges 2-WG, 5-E and 7-E will be exempt from the Environmental Assessment Act as per Project Description 31a of the MCEA Document as the studies completed indicated no heritage value or interest. Pending the results of the Heritage Impact Assessment (HIA), the Township may look to conserve heritage attributes of Bridge 3-E in accordance with the HIA and therefore that project may also be considered exempt through the Archaeological Screening Process (ASP). In order to complete the ASP and confirm the appropriate project schedule, **can HDI confirm the following**:

- Is there Aboriginal knowledge of archaeological sites on or within 500 metres of Bridge 3-E?
- Is there Aboriginal knowledge or historically documented evidence of past Aboriginal use on or within 500 meters of Bridge 3-E?
- Is there aboriginal knowledge of marine archaeological sites on or within 500 metres of Bridge 3-E?

We are scheduling field work for the natural environment studies in the coming weeks; however, we would like to confirm your preferred level of involvement in these field studies with you prior to them being undertaken. **Can you please confirm whether your request is to have a field monitor present for the studies below, or just to receive the draft environmental impacts study report for review?**

- Ecological Land Classification
- Botanical / Tree Inventory
- Aquatic Habitats survey
- Terrestrial Habitats survey

We hope that the above information allows you to confirm your desired level of involvement in the project and better outline the scope and terms of an agreement associated with the project. Should you have any questions or like further clarification on any aspects of this study, please do not hesitate to contact a member of the project team below. If you feel it would be beneficial, we could set up a meeting for further discussions regarding the project and agreement.

Adam Dickieson Engineering Services Coordinator Township of Centre Wellington 1 MacDonald Square, Elora, ON N0B 1S0	Andrew Daws Consultant Pr R.J. Burnside 292 Speedval Guelph, ON N

Regards,

Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0

519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Shannon Hill <shannonhill@hdi.land>
Sent: Monday, July 1, 2024 5:27 PM
To: Raechelle Williams <raechellewilliams@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>
Cc: andrew.dawson@rjburnside.com; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>
Subject: Re: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

You don't often get email from shannonhill@hdi.land. Learn why this is important

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Afternoon,

Could you please send the following details to get the agreement in order?

Could you please send us the details below:

1. Project name and address
2. Proper company name and address
3. Contact information for the individual responsible for executing the agreement (Name, phone number and email)
4. Invoicing information (Name and email)

We'll also need the PIF number licensee's name and email (if known)

Once this information is received agreement will be generated and sent.

Thank you,

Shannon Hill

Finance Assistant

Haudenosaunee Development Institute

PO Box 714

Ohsweken, Ontario N0A 1M0

From: Raechelle Williams <raechellewilliams@hdi.land>
Sent: Wednesday, June 26, 2024 4:30 PM
To: adickieson@centrewellington.ca <adickieson@centrewellington.ca>
Cc: andrew.dawson@rjburnside.com <andrew.dawson@rjburnside.com>; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Shannon Hill <shannonhill@hdi.land>
Subject: Fwd: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Sge:no Adam,

Nya:weh for reaching out regarding this study to review the four existing bridges in the Township of Centre Wellington. We would like to participate in this project and be involved with any infield and report reviewing for the natural environment assessment and archaeology assessments. Once the evaluation is completed, we wish to have a construction monitor be involved on any bridges requiring any rehabilitation or reconstruction.

I will have one of my colleagues prepare a 2024 Monitoring Agreement and send it to you. Once this is completed and signed by both parties, please forward the scheduled work to Todd Williams, archeaology@hdi.land and myself.

Nya:weh,

Raechelle Williams

HDI Environmental Supervisor

Haudenosaunee Development Institute

P.O. Box 714

Ohsweken, ON

N0A 1M0

Ph: 519-445-4222

(Direct): 519-802-9402



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---------- Forwarded message ---------
From: **Tracey General** <traceyghdi@gmail.com>
Date: Wed, Jun 12, 2024 at 12:59 PM
Subject: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045
To: Brian Doolittle <ganowa@me.com>, Aaron Detlor <aarondetlor@gmail.com>, Todd Williams <toddwilliams@hdi.land>, Raechelle Williams <raechellewilliams@hdi.land>, Sharann Martin <sharannmartin@hdi.land>

Good Afternoon:

RE: STUDY OF FOUR BRIDGES IN THE TOWNSHIP OF CENTRE WELLINGTON
PROJECT NO.: 300058117

Please see attachment.

Thank you!
Tracey

Haudenosaunee Development Institute

July 04, 2024

Township of Centre of Wellington (THE TOWNSHIP)
1 MacDonald Square
Elora, Ontario
N0B 1S0

Subject: HDI Project Monitoring Agreement for Bridge and Transportation Network Study (4 Bridges, See Schedule C), Various locations

This monitoring agreement (this "Agreement") is entered into by THE TOWNSHIP and Haudenosaunee Development Institute ("HDI"). The purpose of this Agreement is for THE TOWNSHIP, to meet engagement obligations, including capacity funding for project review, assessment, analysis and monitoring for the Project in accordance with the Rates set out at Schedule A attached hereto.

Note: This Agreement by itself does not constitute consultation, engagement, and/or consent for the subject Project.

This Agreement allows HDI to provide timely and meaningful comment with respect to upholding commitments and responsibilities arising from Haudenosaunee instruments including but not limited to our Opening Address referred to in Kanien'kéha (Mohawk) as the Ohén:ton Karihwatéhkwen. It is understood and acknowledged that all work on the Project will be undertaken in accordance with applicable industry standard requirements, protocols, thresholds and practices. The terms contained in this Agreement are binding only to this Agreement.

Subject to the below terms and conditions, THE TOWNSHIP and HDI (collective, the "Parties") hereby agree that THE TOWNSHIP will provide capacity funding, at the sole expense of THE TOWNSHIP for the services on the terms set forth herein.

In addition, the Parties agree that the Monitors will be reimbursed for mileage and meals in accordance with the Canada Treasury Board Guidelines. Amounts invoiced by HDI in accordance with Schedule A shall be payable to the **Haudenosaunee Development Institute** at the following:

Bank #: 001
Transit # 37522
Bank Account #: 1100-241
Email address for remittance – shannonhill@hdi.land

Six Nations of the Grand River Territory • P.O. Box 714 • Ohsweken, Ontario N0A 1M0
Telephone • 519.445.4222 *Facsimile* • 519.445.2389 • info@hdi.land

1. The Monitors selected by HDI shall have appropriate qualifications for the work required including training in monitoring, as set forth in **Schedule A**. Upon request by THE TOWNSHIP, HDI or the applicable Monitors shall provide written evidence of such Monitor's qualifications to THE TOWNSHIP. **Schedule B** is provided by HDI to THE TOWNSHIP and serves as the geographic and legal rights that that Haudenosaunee Confederacy Chiefs Council (HCCC) hold over the territory that THE TOWNSHIP operates within.

2. The amount billed by HDI in respect of the Monitoring work shall not exceed the amounts indicated in **Schedule A**, attached hereto, with the exception of section 20 of this Agreement.

3. Any issues arising from this Agreement that requires the approval of both Parties, shall be brought to an Issues Management Committee (the "Committee"). The Committee shall be struck within 5 business days or less, and consensus will be sought. The members of the Committee are as follows and can be delegated to other members of their respective organization:

   Todd Williams, P.Eng,
   toddwilliams@hdi.land

   Adam Dickieson
   519-546-9691
   adickieson@centrewellington.ca

4. The Parties agree that the Monitors are not employees, contractors, or sub-contractors of THE TOWNSHIP or their consultant(s) and that the Monitors will be responsible for their own personal protective equipment, such as hard hats, safety boots and safety vests unless specific or otherwise unique personal protective equipment is required, in which case will be provided or reimbursed by THE TOWNSHIP.

5. All Monitors shall comply with the personal protective equipment requirements on the Project site. Monitors shall follow the reasonable instructions of THE TOWNSHIP and their consultant(s) conducting the work concerning safety practices and the Monitors will attend "tailgate" safety meetings if requested.

6. Any costs associated with required special or additional training of HDI Monitors shall be borne by THE TOWNSHIP at the hourly rates specified in the Agreement.

7. If its use is deemed necessary by both parties, THE TOWNSHIP agrees to reimburse the Monitor for their use of the 407ETR, all inclusive fees, within 60 days of receipt of invoice including a copy of the bill.

8. THE TOWNSHIP shall provide payment for the cost of overnight accommodation for the Monitors participating in monitoring at locations that would otherwise require more than 90

minutes of travel time at both the beginning and end of the workday, as determined using the HDI office as place of departure.

9. THE TOWNSHIP will pay the Monitor a minimum for four (4) hours, plus travel time and mileage when fieldwork has been cancelled either while travelling to site or upon arrival.

10. THE TOWNSHIP or the Project Consultant will coordinate site meeting locations and times directly with HDI's field supervisors. The contact information for the HDI field supervisors is as follows:

Archaeology
archaeology@hdi.land

Environmental
Raechelle Williams
(519) 802-9402
raechellewilliams@hdi.land

11. THE TOWNSHIP will provide payment by cheque or bank transfer within thirty (30) days upon receipt of an undisputed invoice. Invoices will explain in reasonable detail each Monitors time, fees, mileage and meal expenses and the nature and date of work performed.

    All invoices should be addressed directly to Township of Centre of Wellington, the Project name and purchase order if required should be noted in the text of each invoice.

    Fees, invoices, and/or disbursements remaining unpaid after thirty (30) days the invoice is delivered will earn interest at two (2%) percent per month or 26.82% per annum.

    Invoices to be submitted to the following:
    Adam Dickieson
    adickieson@centrewellington.ca
    Purchase Order#:

    And copied to any Licensed Archaeologist involved in the Project at:
    Jamie Lemon
    jlemon@phcgroup.ca

12. THE TOWNSHIP is not responsible for any direct or indirect damage or harm caused by HDI and vice versa.

13. This Agreement shall remain in place for the duration of the Project Development.

14. **This Agreement may be terminated by HDI upon thirty (30) days written notice to the other party. Electronic communications constitute written notice.**

Todd Williams, P.Eng,
toddwilliams@hdi.land

Adam Dickieson
adickieson@centrewellington.ca

15. HDI pays Workplace Safety and insurance Board ("WSIB") contributions in respect of the Monitors and will, at its own expense, maintain for the term of this agreement a comprehensive general liability ("CGL") policy or policies with a limit of at least $5 million and shall provide THE TOWNSHIP with evidence of such insurance within 30 days of the signing of this agreement.

16. The Parties agree that this Agreement and any amendments thereto, if any, constitute the entire agreement between the Parties as to the matters governed hereby and supersede and replaces all prior arrangements, agreements, or understandings with respect to such matters.

17. Each Party represents and warrants to the other that its undersigned signatories are authorized to execute this agreement on behalf of the respective Party.

18. Both parties will comply with the Occupational Health and Safety Act, R.S.O 1990, C. 0.1, the Ontario Human Rights Code, R.S.O. 1990, c. H.19, and maintain a safe, harassment-free work environment. Nothing in this Agreement subjugates HDI to this legislation.

19. If, in the event that Indigenous artifacts are discovered, THE TOWNSHIP agrees to work with HDI to facilitate site visits to allow for the assessment of the heritage value by HDI, and in accordance with the applicable legislation, guidelines and standards that govern provincially licensed archaeologists. THE TOWNSHIP acknowledges that at times, additional delegates may need to be brought to the site for their relevant expertise from the regions where HDI currently conducts their day-to-day business operations, provided such delegates are approved in advance by THE TOWNSHIP

    THE TOWNSHIP further acknowledges that it is their preference that all work ceases on an affected area within a site until HDI are able to conduct its heritage value assessment.

20. If HDI is of the view, that designated HDI staff are unable to complete a comprehensive technical review of Project materials. THE TOWNSHIP agrees to pay costs approved in advance in writing by THE TOWNSHIP incurred by HDI to retain an external expert in the appropriate field to be chosen at HDI's sole discretion. The Parties agree that a review by an external expert will only commence following mutual acceptance by both Parties of the external expert selected and an estimate of work and budget provided by the expert. The

Issues Management Committee will determine this funding request and will be accepted if reasonable in order to fulfill THE TOWNSHIP's legal obligations.

21. HDI and THE TOWNSHIP agree to keep all information pertaining to or arising from this Agreement confidential at all times after the date of this Agreement, and not directly or indirectly reveal, disclose or use for its own or any other purposes any information received or obtained as a result of entering into or performing, or supplied by or on behalf of THE TOWNSHIP in the negotiations leading to or during the term of this Agreement.

22. HDI acknowledges that THE TOWNSHIP may be an institution to which the Freedom of Information and Protection of Privacy Act (Ontario) (hereinafter, "FIPPA") applies and may have to disclose information relating to this Agreement in the event of an access request made under FIPPA, with the exception of the protection of Indigenous knowledge as laid out in s. 15.1 of the same Act.

23. This Agreement may be executed in counterparts (in either original or electronic form), each of which will be deemed to be an original and all of which when taken together will constitute the same agreement.

Haudenosaunee Development Institute

Signed on date: _____, 20____

The foregoing accurately reflects the terms of the arrangement which we hereby agree to enter into, and the undersigned agrees to be legally bound hereby.

Accepted at Elora, ON this 8th day of August, 2024

By: _____

Adam McNabb, Township of Centre of Wellington

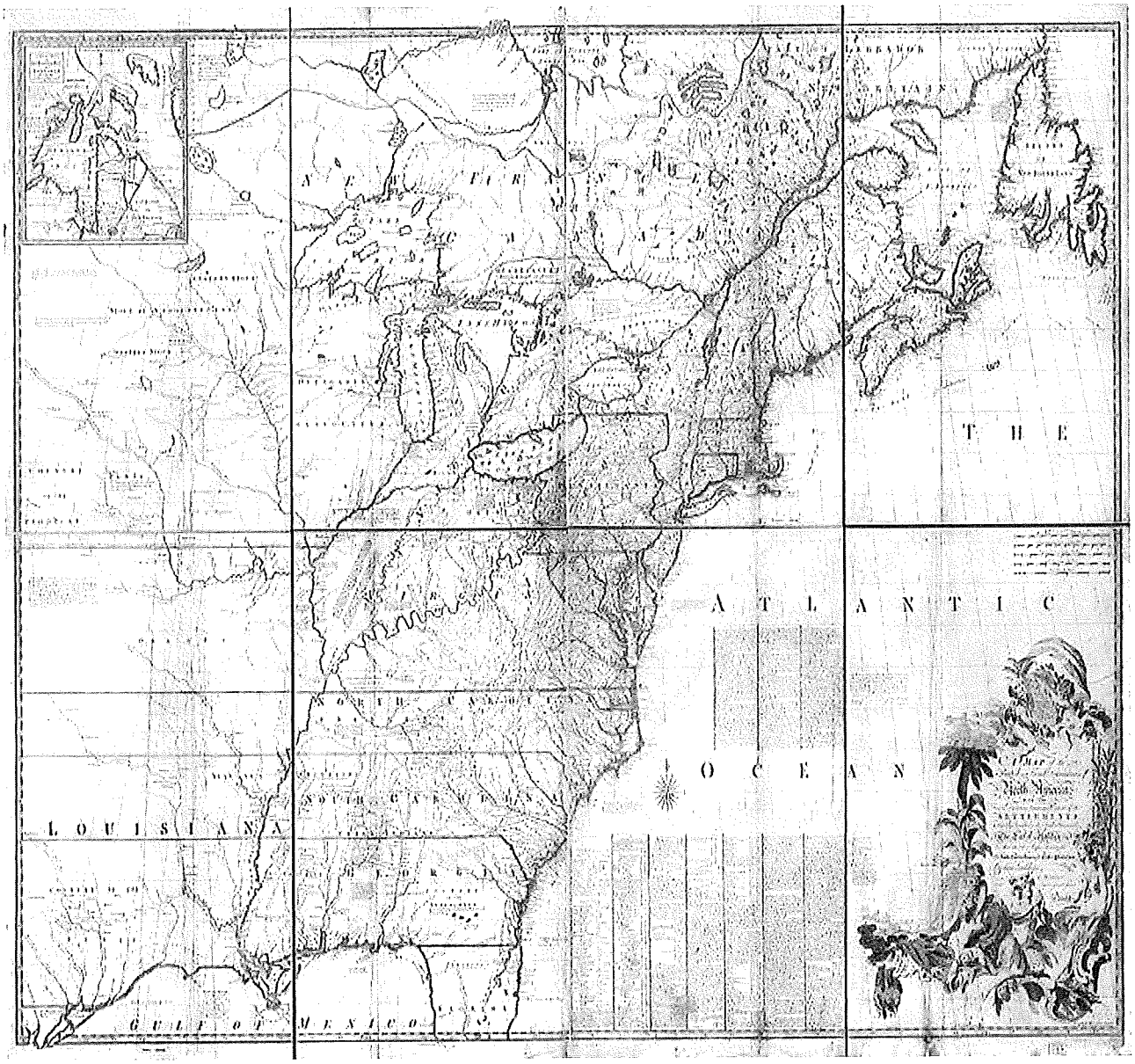
Schedule A – HDI MONITOR RATES

TITLE	QUALIFICATIONS	RATE/HOUR	TRAVEL ALLOWANCE
Archaeology Supervisor	Archaeology School & HCCC Archaeology Monitor Certificate	$230.00	0.59/km
Archaeology Monitors	HCCC Archaeology Monitor Training Certificate	$200.00	0.59/km
Environmental Supervisor	Post Secondary CAN-CISEC Certified	$230.00	0.59/km
Environmental Monitors	Post Secondary, Environmental or related field	$200.00	0.59/km
Construction Monitor	HCCC Construction Monitor Certificate	$200.00	0.59/km
Technical Level I	Cumulative Impact Coordinator	$300.00	0.59/km
Technical Level II	Cumulative Impact Analyst	$400.00	0.59/km
Technical Level III	Cumulative Impact Expert	$600.00	0.59/km
Licensed Archaeologist	License Holder	$350.00	0.59/km
Manager of Archaeology and Regulatory Approvals	License Holder	$225.00	0.59/km
Monitor Manager and Supervisor		$195.00	0.59/km
Cultural Practitioners and Advisors		$200.00	0.59/km
Meal Allowance, per day, if applicable			$123.40

One (1) Monitor per discipline for the duration of the project at the rates outlined above, unless the Consultant to Monitor ratio exceeds 4:1

HDI Supervisory hours, as required for the duration of the project.

SCHEDULE B – Mitchell Map (1755)



Schedule C – Project Locations

Bridge 2-WG = Third Line, approximately 330 m north of Eramosa-Garafraxa Townline (https://maps.app.goo.gl/h3JsWbNqG87vK8Xp8)

Bridge 3-E = Sixth Line, approximately 1.9 km north of Wellington Road 22 (https://maps.app.goo.gl/WKgbhkFX54BoNJhS9)

Bridge 5-E = Fourth Line, approximately 1.5 km north of Wellington Road 22 (https://maps.app.goo.gl/6TfHwJGcC8BMhpgV8)

Bridge 7-E = Third Line, approximately 1.5 km north of Wellington Road 22 (https://maps.app.goo.gl/FUBE7fj7WQKZPT6g9)

Six Nations of the Grand River Territory • P.O. Box 714 • Ohsweken, Ontario N0A 1M0
Telephone • 519.445.4222 *Facsimile* • 519.445.2389 • info@hdi.land

Crystal Ferguson

From: Andrew Dawson
Sent: Monday, August 12, 2024 5:06 PM
To: Raechelle Williams
Cc: Owen Greene; Shannon Hill; Archaeology Department; Adam Dickieson; Todd Williams
Subject: RE: HDI Monitoring Agreement for the Study of Four Bridges in Township of Centre Wellington

Raechelle,
Now that the agreement has been finalized and signed, we are looking to get our team out to complete the field work in the next week to allow us to continue moving forward with this project.
Our team will conduct their preliminary reviews of the sites in the morning and then meet your staff in the afternoon to tour each site with you. This will allow the time spent on site with your team to allow for meaningful consultation of discussions related to their findings and any additional insights that your field representative has to offer.

Details related to the ecological field assessments are provided below:

Start Date:	August 20, 2024
End Date:	August 20, 2024
Start Time	1:00 p.m.
End Time	5:00 p.m.
Consultant Company:	R.J. Burnside & Associates Ltd.
Field Director Contact:	Kevin Butt	Mobile #: 1 519-820-9395
Project Manager Contact:	Tricia Radburn	Mobile #: 1 226-820-2676
Assessment(s):	- Background natural heritage review - Ecological Land Classification - Tree inventory - Wildlife/SAR habitats - Aquatic habitat / characterization
Required PPE	steel-toed work boots, sunscreen/hat/water as required
Size of Field Crew	3 technicians
Duration of Lunch break	N/A
Meeting Location Address	Start at Bridge 2-WG, located on Third Line, approximately 330 m north of Eramosa-Garafraxa Townline (Google Maps_2WG) - Additional site locations: Bridge 3-E = Sixth Line, approximately 1.9 km north of Wellington Road 22 (Google Maps_3E) Bridge 5-E = Fourth Line, approximately 1.5 km north of Wellington Road 22 (Google Maps_5E) Bridge 7-E = Third Line, approximately 1.5 km north of Wellington Road 22 (Google Maps_7E)
Parking Instructions:	Parking will be conducted safely on side of road at each bridge site
Relevant Report(s) for this work:	No report reviews required prior to attending site. Natural Heritage Report will be drafted following the site reviews and forwarded to HDI for review upon the completion of the draft

Please confirm receipt of this email and let me know if you need any additional information or have any comments/concerns.

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Thursday, August 08, 2024 11:43 AM
To: Todd Williams <toddwilliams@hdi.land>
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Owen Greene <owengreene@hdi.land>; Shannon Hill <shannonhill@hdi.land>; Archaeology Department <archaeology@hdi.land>; Raechelle Williams <raechellewilliams@hdi.land>
Subject: RE: HDI Monitoring Agreement for the Study of Four Bridges in Township of Centre Wellington

Todd,

Please find attached a Township of Centre Wellington signed copy of the HDI Monitoring agreement.

The Township consultant (R.J. Burnside) will be communicating with HDI shortly regarding an upcoming environmental field study that is to be scheduled as part of this Four Bridge Study.

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Todd Williams <toddwilliams@hdi.land>
Sent: Wednesday, August 7, 2024 3:06 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Cc: Andrew.Dawson@rjburnside.com; Owen Greene <owengreene@hdi.land>; Shannon Hill <shannonhill@hdi.land>; Archaeology Department <archaeology@hdi.land>; Raechelle Williams <raechellewilliams@hdi.land>
Subject: Re: HDI Monitoring Agreement for the Study of Four Bridges in Township of Centre Wellington

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Afternoon Adam,

See attached updated agreement with the requested changes.

Please review and send back a signed copy.

Thanks Todd

On Wed, Jul 31, 2024 at 4:30 PM Adam Dickieson <ADickieson@centrewellington.ca> wrote:

> Todd,
>
> The Township is prepared to enter into the attached monitoring agreement with HDI for the Bridge and Transportation Network Study (4
>
> Bridges.
>
> I would like to request the following two revisions in bold to the attached draft agreement ahead of signing:
>
> - #11. *And copied to any Licensed Archaeologist involved in the Project at:*
>
> **Jamie Lemon**
>
> **jlemon@phcgroup.ca**
>
> - Please revise the Township signing authority to
>
> **Adam McNabb, Township of Centre Wellington**
>
> Let me know if the are any additional details required at this time.
>
> Regards,
>
> Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0

519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Todd Williams <toddwilliams@hdi.land>
Sent: Wednesday, July 17, 2024 1:02 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Cc: Andrew.Dawson@rjburnside.com; Owen Greene <owengreene@hdi.land>; Shannon Hill <shannonhill@hdi.land>; Archaeology Department <archaeology@hdi.land>; Raechelle Williams <raechellewilliams@hdi.land>
Subject: HDI Monitoring Agreement for the Study of Four Bridges in Township of Centre Wellington

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Sge:no(hi) Adam,

I'm emailing in regards to the email notification HDI received regarding the above mentioned project.

To accommodate HDI's participation in this project, I've attached a copy of HDI's standard monitoring agreement.

Please review...If agreed too, please sign and return a copy.

Nya:weh (thanks),

Todd E. Williams, P.Eng

Monitoring Program Coordinator

Haudenosaunee Development Institute (HDI)

Haudenosaunee Confederacy Chiefs Council (HCCC)
Haudenosaunee 1755 Treaty Territory

O: 519-445-4222

M: 519-761-1794

https://hdi.land/
https://www.haudenosauneeconfederacy.com/

https://www.loc.gov/resource/g3300.np000009/?r=0.369,0.207,0.25,0.114,0

---------- Forwarded message ---------
From: **Adam Dickieson** <ADickieson@centrewellington.ca>
Date: Wed, Jul 17, 2024 at 8:40 AM
Subject: RE: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045
To: Shannon Hill <shannonhill@hdi.land>, Raechelle Williams <raechellewilliams@hdi.land>
Cc: HDI Administration <administration@hdi.land>, Todd Williams <toddwilliams@hdi.land>, Sharann Martin <sharannmartin@hdi.land>, Tricia Radburn <Tricia.Radburn@rjburnside.com>, Andrew Dawson <Andrew.Dawson@rjburnside.com>

Shannon, Raechelle,

I am back in the office and getting caught up on my emails. Please send the agreement to me when it has been prepared.

Thank you,

Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0

519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: Tuesday, July 9, 2024 12:16 PM
To: Shannon Hill <shannonhill@hdi.land>; Raechelle Williams <raechellewilliams@hdi.land>
Cc: HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>; Tricia Radburn <Tricia.Radburn@rjburnside.com>
Subject: RE: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

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Shannon,

Thank you for the update! Is it possible that you could cc me when the agreement is sent to Adam D? Given that Adam will be away until the 15th , I'd like to keep the ball rolling on this and can discuss the agreement with Adam's manager at the Township in his absence.

Regards,

Andrew

Andrew Dawson
Project Engineer

R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Shannon Hill <shannonhill@hdi.land>
Sent: Tuesday, July 09, 2024 10:48 AM
To: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Raechelle Williams <raechellewilliams@hdi.land>
Cc: HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>; Tricia Radburn <Tricia.Radburn@rjburnside.com>
Subject: Re: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

The agreement is ready to be sent out to Adam Dickieson, it will be sent later today

Thank you,

Shannon Hill

Finance Assistant

Haudenosaunee Development Institute

PO Box 714

Ohsweken, Ontario N0A 1M0

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: Tuesday, July 9, 2024 10:23 AM
To: Raechelle Williams <raechellewilliams@hdi.land>
Cc: Shannon Hill <shannonhill@hdi.land>; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>; Tricia Radburn <Tricia.Radburn@rjburnside.com>
Subject: RE: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Raechelle,

Adam Dickieson from the Township is currently out of office, so I will respond on his behalf.

R.J. Burnside's staff will be conducting the environmental field studies listed below. I have cc'd Tricia Radburn on this email, who will be coordinating those studies. It would be ideal for us to have the studies completed within the next couple of weeks, but we do not have a definitive date set yet, as we wanted to confirm HDI's level of involvement and finalize any agreements before scheduling.

As such, I believe the next step will be the review of HDI's agreement for these works with the Township once it is received. Once an agreement is made, we can coordinate scheduling the work between your team and Tricia.

We look forward to hearing from Todd and Sharran as well regarding the archaeological items!

Regards,

Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Raechelle Williams <raechellewilliams@hdi.land>
Sent: Friday, July 05, 2024 3:34 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Cc: Shannon Hill <shannonhill@hdi.land>; Andrew Dawson <Andrew.Dawson@rjburnside.com>; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>
Subject: Re: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Sge:no Adam,

To answer your question regarding the natural environment studies, yes HDI will have a monitor be present for the studies below and will also like to receive the draft environmental impact study report for review.

- ELC
- Botanical/Tree Inventory
- Aquatic Habitats survey
- Terrestrial Habitats survey

Can you forward the consultant who is performing these surveys scheduled and we can arrange to have a monitor participate with them in the field.

As for the archaeology portion of this project, I will leave this response with my colleagues Todd Williams and Sharann Martin.

Regards,

Raechelle Williams

HDI Environmental Supervisor

Haudenosaunee Development Institute

P.O. Box 714

Ohsweken, ON

N0A 1M0

Ph: 519-445-4222

(Direct): 519-802-9402

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On Thu, Jul 4, 2024 at 11:18 AM Adam Dickieson <ADickieson@centrewellington.ca> wrote:

> Shannon and Raechelle,

Nya:weh / Thank-you for your interest in the Township's project. We are looking forward to working with your community and hearing further information related your community's interest in the proposed activities.

In regards to Shannon's request for information, please see responses below:

1. **Project name and address:**

   Bridge and Transportation Network Study for Four Bridges

   Locations:

   Bridge 2-WG = Third Line, approximately 330 m north of Eramosa-Garafraxa Townline (https://maps.app.goo.gl/h3JsWbNqG87vK8Xp8)

   Bridge 3-E = Sixth Line, approximately 1.9 km north of Wellington Road 22 (https://maps.app.goo.gl/WKgbhkFX54BoNJhS9)

   Bridge 5-E = Fourth Line, approximately 1.5 km north of Wellington Road 22 (https://maps.app.goo.gl/6TfHwJGcC8BMhpgV8)

   Bridge 7-E = Third Line, approximately 1.5 km north of Wellington Road 22 (https://maps.app.goo.gl/FUBE7fj7WQKZPT6g9)

2. **Proper company name and address**: Township of Centre Wellington, 1 MacDonald Square, Elora, ON N0B 1S0
3. **Contact information for the individual responsible for executing the agreement (Name, phone number and email):** Adam Dickieson, adickieson@centrewellington.ca
4. **Invoicing information (Name and email):** Adam Dickieson, adickieson@centrewellington.ca

To help us understand your desired level of involvement, I am providing a brief overview of the project status and anticipated impacts below for your consideration and ask that you outline which specific aspects of the project you have interest in, and whether that interest is field monitoring and/or document review:

The four bridge structures are watercourse crossings of the Speed River and its tributaries, which are part of the Grand Rivier watershed. The existing structures are narrow, single lane structures that were constructed between 1919 and 1923. Three of the four structures have been closed to traffic and the fourth has been load restricted to 15 tonnes due to the deteriorated state and concerns regarding load carrying capacity. The multiple closures of structures within this study area has resulted in disruptions to transportation connectivity and the Township is looking to confirm their preferred approach for this system of structures. The study will examine the effects of opening several combinations of structures, including no structures or all structures.

The potential impacts to the natural environment will be dependent on the selective alternative at each site. From a preliminary perspective, we are looking at considering several options at each site, including:

- Do Nothing (deteriorated structures remain in place and closed to traffic)
- Permanent Removal of Structure
- Rehabilitation of Structure (likely to be deemed unfeasible due to the state of the structures)
- Replacement of Structure

Based on these alternatives we can foresee that potential impacts to the natural environment could possibly include:

- Disturbance (excavation / re-grading) of the study area (for bridge replacement alternative)
- Temporary in-water works, including temporary isolation of the structure and localized unwatering of the watercourse to allow works to be completed in the dry.
- Vegetation removals (if required) for widening of structure or roadway, regrading, construction access, etc.

We are in the process of undergoing desktop and field studies of the natural, heritage, built and economic environments to determine areas of interest and possible impacts.

A Cultural Heritage Evaluation and a Stage 1 Archaeological Assessment (AA) study have been completed on all four structures to date. Only Bridge 3E was found to have cultural heritage value/interest. A Heritage Impact Assessment will be scheduled for Bridge 3E, tentatively in August, to provide further context of impacts to heritage features and recommendations for conservation of these interests. The Stage 1 AA found that all bridges had low archaeological potential and indicated that no further investigations are required for the sites. The draft reports of these studies are provided at the link below for your reference. **Can you please confirm if you intend to review these draft reports and, if so, could you please provide comments by July 19, 2024**.

058117 - CHER and Stage 1 AA

From a Municipal Class Environmental Assessment perspective, the applicable schedule of these projects will be further reviewed and determined based on results of background studies. At current, it is anticipated that Bridges 2-WG, 5-E and 7-E will be exempt from the Environmental Assessment Act as per Project Description 31a of the MCEA Document as the studies completed indicated no heritage value or interest. Pending the results of the Heritage Impact Assessment (HIA), the Township may look to conserve heritage attributes of Bridge 3-E in accordance with the HIA and therefore that project may also be considered exempt through the Archaeological Screening Process (ASP). In order to complete the ASP and confirm the appropriate project schedule, **can HDI confirm the following**:

- Is there Aboriginal knowledge of archaeological sites on or within 500 metres of Bridge 3-E?
- Is there Aboriginal knowledge or historically documented evidence of past Aboriginal use on or within 500 meters of Bridge 3-E?
- Is there aboriginal knowledge of marine archaeological sites on or within 500 metres of Bridge 3-E?

We are scheduling field work for the natural environment studies in the coming weeks; however, we would like to confirm your preferred level of involvement in these field studies with you prior to them being undertaken. **Can you please confirm whether your request is to have a field monitor present for the studies below, or just to receive the draft environmental impacts study report for review?**

- Ecological Land Classification
- Botanical / Tree Inventory
- Aquatic Habitats survey
- Terrestrial Habitats survey

We hope that the above information allows you to confirm your desired level of involvement in the project and better outline the scope and terms of an agreement associated with the project. Should you have any questions or like further clarification on any aspects of this study, please do not hesitate to contact a member of the project team below. If you feel it would be beneficial, we could set up a meeting for further discussions regarding the project and agreement.

Adam Dickieson Engineering Services Coordinator Township of Centre Wellington 1 MacDonald Square, Elora, ON N0B 1S0 519-846-9691 x 355 adickieson@centrewellington.ca	Andrew Dawson, P. Eng. Consultant Project Manager R.J. Burnside & Associates Ltd. 292 Speedvale Ave W. #20, Guelph, ON N1H 1C4 705-797-4310 andrew.dawson@rjburnside.com

Regards,

Adam.



Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0

519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Shannon Hill <shannonhill@hdi.land>
Sent: Monday, July 1, 2024 5:27 PM
To: Raechelle Williams <raechellewilliams@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>
Cc: andrew.dawson@rjburnside.com; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>
Subject: Re: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

You don't often get email from shannonhill@hdi.land. Learn why this is important

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Afternoon,

Could you please send the following details to get the agreement in order?

Could you please send us the details below:

1. Project name and address
2. Proper company name and address
3. Contact information for the individual responsible for executing the agreement (Name, phone number and email)
4. Invoicing information (Name and email)

We'll also need the PIF number licensee's name and email (if known)

Once this information is received agreement will be generated and sent.

Thank you,

Shannon Hill

Finance Assistant

Haudenosaunee Development Institute

PO Box 714

Ohsweken, Ontario N0A 1M0

From: Raechelle Williams <raechellewilliams@hdi.land>
Sent: Wednesday, June 26, 2024 4:30 PM
To: adickieson@centrewellington.ca <adickieson@centrewellington.ca>
Cc: andrew.dawson@rjburnside.com <andrew.dawson@rjburnside.com>; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Shannon Hill <shannonhill@hdi.land>
Subject: Fwd: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Sge:no Adam,

Nya:weh for reaching out regarding this study to review the four existing bridges in the Township of Centre Wellington. We would like to participate in this project and be involved with any infield and report reviewing for the natural environment assessment and archaeology assessments. Once the evaluation is completed, we wish to have a construction monitor be involved on any bridges requiring any rehabilitation or reconstruction.

I will have one of my colleagues prepare a 2024 Monitoring Agreement and send it to you. Once this is completed and signed by both parties, please forward the scheduled work to Todd Williams, archeaology@hdi.land and myself.

Nya:weh,

Raechelle Williams

HDI Environmental Supervisor

Haudenosaunee Development Institute

P.O. Box 714

Ohsweken, ON

N0A 1M0

Ph: 519-445-4222

(Direct): 519-802-9402



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---------- Forwarded message ---------
From: **Tracey General** <traceyghdi@gmail.com>
Date: Wed, Jun 12, 2024 at 12:59 PM
Subject: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045
To: Brian Doolittle <ganowa@me.com>, Aaron Detlor <aarondetlor@gmail.com>, Todd Williams <toddwilliams@hdi.land>, Raechelle Williams <raechellewilliams@hdi.land>, Sharann Martin <sharannmartin@hdi.land>

Good Afternoon:

RE: STUDY OF FOUR BRIDGES IN THE TOWNSHIP OF CENTRE WELLINGTON
PROJECT NO.: 300058117

Please see attachment.

Thank you!
Tracey

Crystal Ferguson

From: Andrew Dawson
Sent: Tuesday, September 03, 2024 1:07 PM
To: Raechelle Williams
Cc: Owen Greene; Shannon Hill; Adam Dickieson; Todd Williams; Environmental Dept; Matt Turner; Tricia Radburn; Kevin Butt; Mark Saunders
Subject: RE: HDI Monitoring Agreement for the Study of Four Bridges in Township of Centre Wellington
Attachments: 058117 Meeting Minutes_Ecological Field Work_2024-08-22.pdf

Raechelle,
Thank you to your team for their participation in the ecological field studies conducted on August 20th.
It is my understanding that everything went well on site and that your team was in acceptance of our team's findings.

Please see attached for the minutes for the meeting / site visit for your review / comment.
Please let me know if you or your team feel that there are any errors or omissions within the meeting minutes.

As noted in the minutes, we will circulate our report once it has been drafted.

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Raechelle Williams <raechellewilliams@hdi.land>
Sent: Wednesday, August 14, 2024 12:47 PM
To: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Cc: Owen Greene <owengreene@hdi.land>; Shannon Hill <shannonhill@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>; Todd Williams <toddwilliams@hdi.land>; Environmental Dept <environmental@hdi.land>; Matt Turner <matijturner@gmail.com>
Subject: Re: HDI Monitoring Agreement for the Study of Four Bridges in Township of Centre Wellington

Sge:no Andrew,

I will have my senior monitor Matt Turner (226 966 4492) and my junior monitor Abby Hill to meet with your team Tuesday August 20th 2024 at 1pm.

Nya:weh,

Raechelle Williams
HDI Environmental Supervisor
Haudenosaunee Development Institute
P.O. Box 714
Ohsweken, ON
N0A 1M0
Ph: 519-445-4222
(Direct): 226-387-7364

The content of this email is confidential and intended for the recipient specified in message only. It is strictly forbidden to share any part of this message with any third party, without a written consent of the sender. If you received this message by mistake, please reply to this message and follow with its deletion, so that we can ensure such a mistake does not occur in the future.

On Mon, Aug 12, 2024 at 5:06 PM Andrew Dawson <Andrew.Dawson@rjburnside.com> wrote:

Raechelle,

Now that the agreement has been finalized and signed, we are looking to get our team out to complete the field work in the next week to allow us to continue moving forward with this project.

Our team will conduct their preliminary reviews of the sites in the morning and then meet your staff in the afternoon to tour each site with you. This will allow the time spent on site with your team to allow for meaningful consultation of discussions related to their findings and any additional insights that your field representative has to offer.

Details related to the ecological field assessments are provided below:

Start Date:	August 20, 2024
End Date:	August 20, 2024
Start Time	1:00 p.m.
End Time	5:00 p.m.
Consultant Company:	R.J. Burnside & Associates Ltd.
Field Director Contact:	Kevin Butt | Mobile #: 1 519-820-9395
Project Manager Contact:	Tricia Radburn | Mobile #: 1 226-820-2676
Assessment(s):	• Background natural heritage review • Ecological Land Classification • Tree inventory • Wildlife/SAR habitats • Aquatic habitat / characterization
Required PPE	steel-toed work boots, sunscreen/hat/water as required
Size of Field Crew	3 technicians
Duration of Lunch break	N/A
Meeting Location Address	Start at Bridge 2-WG, located on Third Line, approximately 330 m north of Eramosa-Garafraxa Townline (Google Maps_2WG) • Additional site locations: Bridge 3-E = Sixth Line, approximately 1.9 km north of Wellington Road 22 (Google Maps_3E) Bridge 5-E = Fourth Line, approximately 1.5 km north of Wellington Road 22 (Google Maps_5E)

	Bridge 7-E = Third Line, approximately 1.5 km north of Wellington Road 22 (Google Maps_7E)
Parking Instructions:	Parking will be conducted safely on side of road at each bridge site
Relevant Report(s) for this work:	No report reviews required prior to attending site. Natural Heritage Report will be drafted following the site reviews and forwarded to HDI for review upon the completion of the draft

Please confirm receipt of this email and let me know if you need any additional information or have any comments/concerns.

Regards,

Andrew

Andrew Dawson
Project Engineer

R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Thursday, August 08, 2024 11:43 AM
To: Todd Williams <toddwilliams@hdi.land>
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Owen Greene <owengreene@hdi.land>; Shannon Hill <shannonhill@hdi.land>; Archaeology Department <archaeology@hdi.land>; Raechelle Williams <raechellewilliams@hdi.land>
Subject: RE: HDI Monitoring Agreement for the Study of Four Bridges in Township of Centre Wellington

Todd,

Please find attached a Township of Centre Wellington signed copy of the HDI Monitoring agreement.

The Township consultant (R.J. Burnside) will be communicating with HDI shortly regarding an upcoming environmental field study that is to be scheduled as part of this Four Bridge Study.

Regards,

Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0

519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Todd Williams <toddwilliams@hdi.land>
Sent: Wednesday, August 7, 2024 3:06 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Cc: Andrew.Dawson@rjburnside.com; Owen Greene <owengreene@hdi.land>; Shannon Hill <shannonhill@hdi.land>; Archaeology Department <archaeology@hdi.land>; Raechelle Williams <raechellewilliams@hdi.land>
Subject: Re: HDI Monitoring Agreement for the Study of Four Bridges in Township of Centre Wellington

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Afternoon Adam,

See attached updated agreement with the requested changes.

Please review and send back a signed copy.

Thanks Todd

On Wed, Jul 31, 2024 at 4:30 PM Adam Dickieson <ADickieson@centrewellington.ca> wrote:

Todd,

The Township is prepared to enter into the attached monitoring agreement with HDI for the Bridge and Transportation Network Study (4

Bridges.

I would like to request the following two revisions in bold to the attached draft agreement ahead of signing:

- #11. *And copied to any Licensed Archaeologist involved in the Project at:*

  Jamie Lemon

  jlemon@phcgroup.ca

- Please revise the Township signing authority to

  Adam McNabb, Township of Centre Wellington

Let me know if the are any additional details required at this time.

Regards,

Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0

519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Todd Williams <toddwilliams@hdi.land>
Sent: Wednesday, July 17, 2024 1:02 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Cc: Andrew.Dawson@rjburnside.com; Owen Greene <owengreene@hdi.land>; Shannon Hill <shannonhill@hdi.land>; Archaeology Department <archaeology@hdi.land>; Raechelle Williams <raechellewilliams@hdi.land>
Subject: HDI Monitoring Agreement for the Study of Four Bridges in Township of Centre Wellington

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Sge:no(hi) Adam,

I'm emailing in regards to the email notification HDI received regarding the above mentioned project.

To accommodate HDI's participation in this project, I've attached a copy of HDI's standard monitoring agreement.

Please review...If agreed too, please sign and return a copy.

Nya:weh (thanks),

Todd E. Williams, P.Eng

Monitoring Program Coordinator

Haudenosaunee Development Institute (HDI)

Haudenosaunee Confederacy Chiefs Council (HCCC)
Haudenosaunee 1755 Treaty Territory

O: 519-445-4222

M: 519-761-1794

https://hdi.land/
https://www.haudenosauneeconfederacy.com/

https://www.loc.gov/resource/g3300.np000009/?r=0.369,0.207,0.25,0.114,0

---------- Forwarded message ---------
From: **Adam Dickieson** <ADickieson@centrewellington.ca>
Date: Wed, Jul 17, 2024 at 8:40 AM
Subject: RE: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045
To: Shannon Hill <shannonhill@hdi.land>, Raechelle Williams <raechellewilliams@hdi.land>
Cc: HDI Administration <administration@hdi.land>, Todd Williams <toddwilliams@hdi.land>, Sharann Martin <sharannmartin@hdi.land>, Tricia Radburn <Tricia.Radburn@rjburnside.com>, Andrew Dawson <Andrew.Dawson@rjburnside.com>

Shannon, Raechelle,

I am back in the office and getting caught up on my emails. Please send the agreement to me when it has been prepared.

Thank you,

Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0

519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: Tuesday, July 9, 2024 12:16 PM
To: Shannon Hill <shannonhill@hdi.land>; Raechelle Williams <raechellewilliams@hdi.land>
Cc: HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>; Tricia Radburn <Tricia.Radburn@rjburnside.com>
Subject: RE: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

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Shannon,

Thank you for the update! Is it possible that you could cc me when the agreement is sent to Adam D? Given that Adam will be away until the 15th , I'd like to keep the ball rolling on this and can discuss the agreement with Adam's manager at the Township in his absence.

Regards,

Andrew

Andrew Dawson
Project Engineer

R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Shannon Hill <shannonhill@hdi.land>
Sent: Tuesday, July 09, 2024 10:48 AM
To: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Raechelle Williams <raechellewilliams@hdi.land>
Cc: HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>; Tricia Radburn <Tricia.Radburn@rjburnside.com>
Subject: Re: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

The agreement is ready to be sent out to Adam Dickieson, it will be sent later today

Thank you,

Shannon Hill

Finance Assistant

Haudenosaunee Development Institute

PO Box 714

Ohsweken, Ontario N0A 1M0

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: Tuesday, July 9, 2024 10:23 AM
To: Raechelle Williams <raechellewilliams@hdi.land>
Cc: Shannon Hill <shannonhill@hdi.land>; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>; Tricia Radburn <Tricia.Radburn@rjburnside.com>
Subject: RE: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Raechelle,

Adam Dickieson from the Township is currently out of office, so I will respond on his behalf.

R.J. Burnside's staff will be conducting the environmental field studies listed below. I have cc'd Tricia Radburn on this email, who will be coordinating those studies. It would be ideal for us to have the studies completed within the next couple of weeks, but we do not have a definitive date set yet, as we wanted to confirm HDI's level of involvement and finalize any agreements before scheduling.

As such, I believe the next step will be the review of HDI's agreement for these works with the Township once it is received. Once an agreement is made, we can coordinate scheduling the work between your team and Tricia.

We look forward to hearing from Todd and Sharran as well regarding the archaeological items!

Regards,

Andrew

Andrew Dawson
Project Engineer

R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Raechelle Williams <raechellewilliams@hdi.land>
Sent: Friday, July 05, 2024 3:34 PM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Cc: Shannon Hill <shannonhill@hdi.land>; Andrew Dawson <Andrew.Dawson@rjburnside.com>; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>
Subject: Re: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Sge:no Adam,

To answer your question regarding the natural environment studies, yes HDI will have a monitor be present for the studies below and will also like to receive the draft environmental impact study report for review.

- ELC
- Botanical/Tree Inventory
- Aquatic Habitats survey
- Terrestrial Habitats survey

Can you forward the consultant who is performing these surveys scheduled and we can arrange to have a monitor participate with them in the field.

As for the archaeology portion of this project, I will leave this response with my colleagues Todd Williams and Sharann Martin.

Regards,

Raechelle Williams

HDI Environmental Supervisor

Haudenosaunee Development Institute

P.O. Box 714

Ohsweken, ON

N0A 1M0

Ph: 519-445-4222

(Direct): 519-802-9402

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On Thu, Jul 4, 2024 at 11:18 AM Adam Dickieson <ADickieson@centrewellington.ca> wrote:

> Shannon and Raechelle,

Nya:weh / Thank-you for your interest in the Township's project. We are looking forward to working with your community and hearing further information related your community's interest in the proposed activities.

In regards to Shannon's request for information, please see responses below:

1. **Project name and address:**

   Bridge and Transportation Network Study for Four Bridges

   Locations:

   Bridge 2-WG = Third Line, approximately 330 m north of Eramosa-Garafraxa Townline (https://maps.app.goo.gl/h3JsWbNqG87vK8Xp8)

   Bridge 3-E = Sixth Line, approximately 1.9 km north of Wellington Road 22 (https://maps.app.goo.gl/WKgbhkFX54BoNJhS9)

   Bridge 5-E = Fourth Line, approximately 1.5 km north of Wellington Road 22 (https://maps.app.goo.gl/6TfHwJGcC8BMhpgV8)

   Bridge 7-E = Third Line, approximately 1.5 km north of Wellington Road 22 (https://maps.app.goo.gl/FUBE7fj7WQKZPT6g9)

2. **Proper company name and address**: Township of Centre Wellington, 1 MacDonald Square, Elora, ON N0B 1S0
3. **Contact information for the individual responsible for executing the agreement (Name, phone number and email):** Adam Dickieson, adickieson@centrewellington.ca
4. **Invoicing information (Name and email):** Adam Dickieson, adickieson@centrewellington.ca

To help us understand your desired level of involvement, I am providing a brief overview of the project status and anticipated impacts below for your consideration and ask that you outline which specific aspects of the project you have interest in, and whether that interest is field monitoring and/or document review:

The four bridge structures are watercourse crossings of the Speed River and its tributaries, which are part of the Grand Rivier watershed. The existing structures are narrow, single lane structures that were constructed between 1919 and 1923. Three of the four structures have been closed to traffic and the fourth has been load restricted to 15 tonnes due to the deteriorated state and concerns regarding load carrying capacity. The multiple closures of structures within this study area has resulted in disruptions to transportation connectivity and the Township is looking to confirm their preferred approach for this system of structures. The study will examine the effects of opening several combinations of structures, including no structures or all structures.

The potential impacts to the natural environment will be dependent on the selective alternative at each site. From a preliminary perspective, we are looking at considering several options at each site, including:

- Do Nothing (deteriorated structures remain in place and closed to traffic)
- Permanent Removal of Structure
- Rehabilitation of Structure (likely to be deemed unfeasible due to the state of the structures)
- Replacement of Structure

Based on these alternatives we can foresee that potential impacts to the natural environment could possibly include:

- Disturbance (excavation / re-grading) of the study area (for bridge replacement alternative)
- Temporary in-water works, including temporary isolation of the structure and localized unwatering of the watercourse to allow works to be completed in the dry.
- Vegetation removals (if required) for widening of structure or roadway, regrading, construction access, etc.

We are in the process of undergoing desktop and field studies of the natural, heritage, built and economic environments to determine areas of interest and possible impacts.

A Cultural Heritage Evaluation and a Stage 1 Archaeological Assessment (AA) study have been completed on all four structures to date. Only Bridge 3E was found to have cultural heritage value/interest. A Heritage Impact Assessment will be scheduled for Bridge 3E, tentatively in August, to provide further context of impacts to heritage features and recommendations for conservation of these interests. The Stage 1 AA found that all bridges had low archaeological potential and indicated that no further investigations are required for the sites. The draft reports of these studies are provided at the link below for your reference. **Can you please confirm if you intend to review these draft reports and, if so, could you please provide comments by July 19, 2024**.


058117 - CHER and Stage 1 AA

From a Municipal Class Environmental Assessment perspective, the applicable schedule of these projects will be further reviewed and determined based on results of background studies. At current, it is anticipated that Bridges 2-WG, 5-E and 7-E will be exempt from the Environmental Assessment Act as per Project Description 31a of the MCEA Document as the studies completed indicated no heritage value or interest. Pending the results of the Heritage Impact Assessment (HIA), the Township may look to conserve heritage attributes of Bridge 3-E in accordance with the HIA and therefore that project may also be considered exempt through the Archaeological Screening Process (ASP). In order to complete the ASP and confirm the appropriate project schedule, **can HDI confirm the following**:

- Is there Aboriginal knowledge of archaeological sites on or within 500 metres of Bridge 3-E?
- Is there Aboriginal knowledge or historically documented evidence of past Aboriginal use on or within 500 meters of Bridge 3-E?
- Is there aboriginal knowledge of marine archaeological sites on or within 500 metres of Bridge 3-E?

We are scheduling field work for the natural environment studies in the coming weeks; however, we would like to confirm your preferred level of involvement in these field studies with you prior to them being undertaken. **Can you please confirm whether your request is to have a field monitor present for the studies below, or just to receive the draft environmental impacts study report for review?**

- Ecological Land Classification
- Botanical / Tree Inventory
- Aquatic Habitats survey
- Terrestrial Habitats survey

We hope that the above information allows you to confirm your desired level of involvement in the project and better outline the scope and terms of an agreement associated with the project. Should you have any questions or like further clarification on any aspects of this study, please do not hesitate to contact a member of the project team below. If you feel it would be beneficial, we could set up a meeting for further discussions regarding the project and agreement.

Adam Dickieson Engineering Services Coordinator Township of Centre Wellington 1 MacDonald Square, Elora, ON N0B 1S0 519-846-9691 x 355 adickieson@centrewellington.ca	Andrew Dawson, P. Eng. Consultant Project Manager R.J. Burnside & Associates Ltd. 292 Speedvale Ave W. #20, Guelph, ON N1H 1C4 705-797-4310 andrew.dawson@rjburnside.com

Regards,

Adam.



Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0

519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Shannon Hill <shannonhill@hdi.land>
Sent: Monday, July 1, 2024 5:27 PM
To: Raechelle Williams <raechellewilliams@hdi.land>; Adam Dickieson <ADickieson@centrewellington.ca>
Cc: andrew.dawson@rjburnside.com; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>
Subject: Re: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

You don't often get email from shannonhill@hdi.land. Learn why this is important

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Afternoon,

Could you please send the following details to get the agreement in order?

Could you please send us the details below:

1. Project name and address
2. Proper company name and address
3. Contact information for the individual responsible for executing the agreement (Name, phone number and email)
4. Invoicing information (Name and email)

We'll also need the PIF number licensee's name and email (if known)

Once this information is received agreement will be generated and sent.

Thank you,

Shannon Hill

Finance Assistant

Haudenosaunee Development Institute

PO Box 714

Ohsweken, Ontario N0A 1M0

From: Raechelle Williams <raechellewilliams@hdi.land>
Sent: Wednesday, June 26, 2024 4:30 PM
To: adickieson@centrewellington.ca <adickieson@centrewellington.ca>
Cc: andrew.dawson@rjburnside.com <andrew.dawson@rjburnside.com>; HDI Administration <administration@hdi.land>; Todd Williams <toddwilliams@hdi.land>; Sharann Martin <sharannmartin@hdi.land>; Shannon Hill <shannonhill@hdi.land>
Subject: Fwd: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045

Sge:no Adam,

Nya:weh for reaching out regarding this study to review the four existing bridges in the Township of Centre Wellington. We would like to participate in this project and be involved with any infield and report reviewing for the natural environment assessment and archaeology assessments. Once the evaluation is completed, we wish to have a construction monitor be involved on any bridges requiring any rehabilitation or reconstruction.

I will have one of my colleagues prepare a 2024 Monitoring Agreement and send it to you. Once this is completed and signed by both parties, please forward the scheduled work to Todd Williams, archeaology@hdi.land and myself.

Nya:weh,

Raechelle Williams

HDI Environmental Supervisor

Haudenosaunee Development Institute

P.O. Box 714

Ohsweken, ON

N0A 1M0

Ph: 519-445-4222

(Direct): 519-802-9402

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---------- Forwarded message ---------
From: **Tracey General** <traceyghdi@gmail.com>
Date: Wed, Jun 12, 2024 at 12:59 PM
Subject: TOWNSHIP OF CENTRE WELLINGTON OUR FILE NO 030-200-045
To: Brian Doolittle <ganowa@me.com>, Aaron Detlor <aarondetlor@gmail.com>, Todd Williams <toddwilliams@hdi.land>, Raechelle Williams <raechellewilliams@hdi.land>, Sharann Martin <sharannmartin@hdi.land>

Good Afternoon:

RE: STUDY OF FOUR BRIDGES IN THE TOWNSHIP OF CENTRE WELLINGTON
PROJECT NO.: 300058117

Please see attachment.

Thank you!
Tracey

R.J. Burnside & Associates Limited 292 Speedvale Avenue West Unit 20 Guelph ON N1H 1C4 CANADA
telephone (519) 823-4995 **fax** (519) 941-8120 **web** www.rjburnside.com

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

Minutes of Meeting

Meeting Date: August 20, 2024 **Project No.:** 300058117.0000

Project Name : Centre Wellington EA for 4 Bridges

Meeting Subject: Indigenous Nations site walk

Meeting Location: Bridges 2-WG, 3-E, 5-E, 7-E

Date Prepared: August 22, 2024

Those in attendance were:

Billey	Haudenosaunee Development Institute
Matt Turner	Haudenosaunee Development Institute
Leanna	Six Nations of the Grand River
Adam Dickieson	Township Centre Wellington
Mark Saunders	R.J. Burnside & Associates Limited
Kevin Butt	R.J. Burnside & Associates Limited

The following items were discussed		**Action by**
1.	**Scope of Project**	
1.1	Environmental Assessment of 4 bridges, 3 that are currently closed due to condition. The EA process will review feedback and comments from a number of interests and studies by technical experts including natural environment and traffic will be used to generate a preferred alternative (e.g. reconstruct bridges). Action to implement the preferred alternative is dependent on many components including budget and Township Council approval.	
1.2	Burnside reviewed and characterized the terrestrial and aquatic communities for incorporation into a Natural Environment Report, as a component of the EA.	
1.3	All sites were reviewed with the field monitoring representatives of HDI and Six Nations. Burnside ecologists explained the studies that	

	The following items were discussed	Action by
	were being completed: aquatic habitat characterization (including groundwater upwellings and aquatic species) and inventory of the vegetation communities as well as review for Significant Wildlife Habitat. Representatives had no comments or concerns nor did they identify any plants / habitats / species of interest that were not previously identified by our team.	
1.4	Burnside / Township to circulate the DRAFT Natural Environment Report to all parties present of HDI and SNGREC once it has been prepared.	Burnside / Township

The preceding are the minutes of the meeting as observed by the undersigned. Should there be a need for revision, please advise Burnside within seven days of issuance. In the absence of notification to the contrary, these minutes will be deemed to be an accurate record of the meeting.

Minutes prepared by:

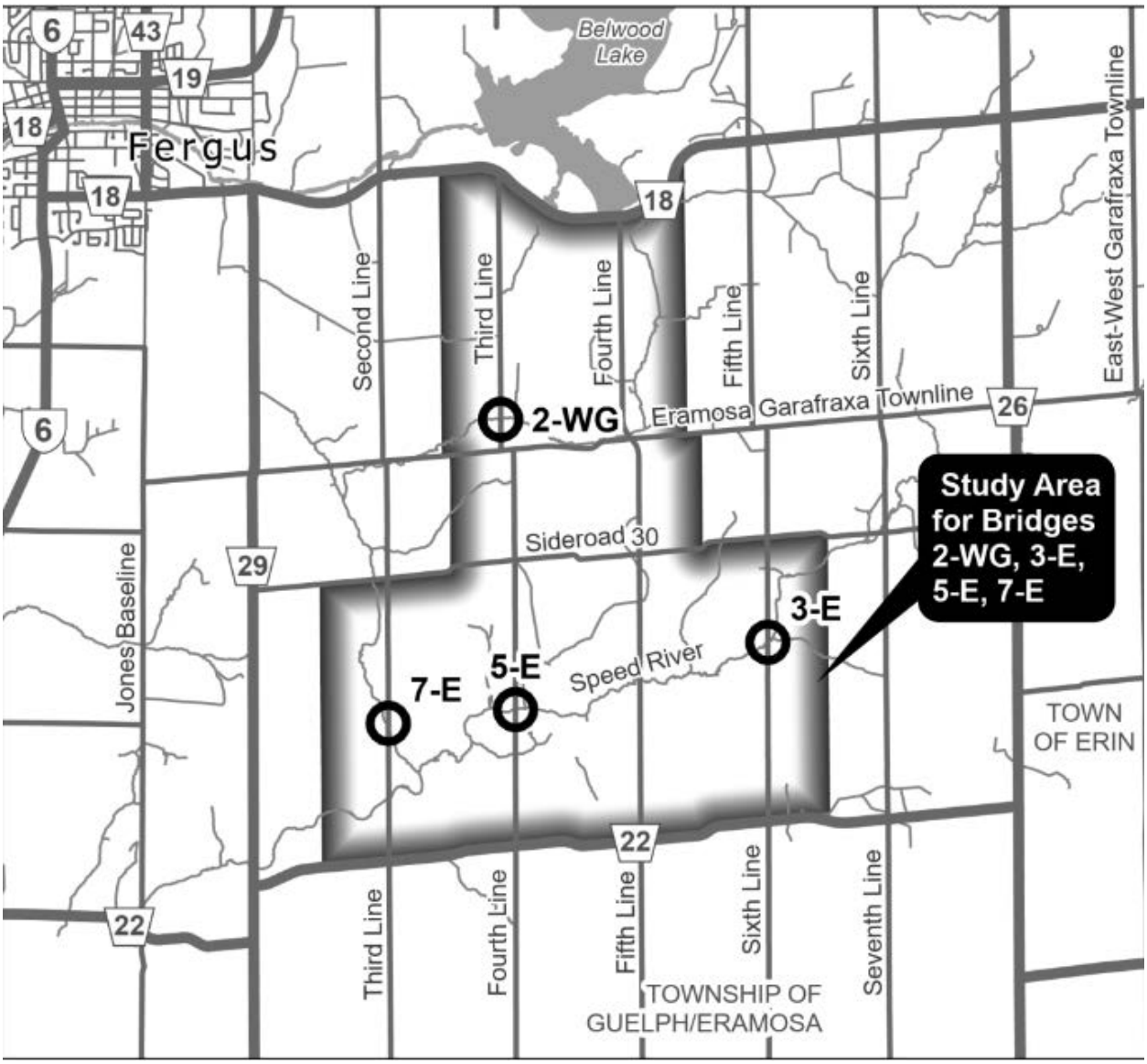
R.J. Burnside & Associates Limited

Kevin Butt
ISA Certified Arborist and Terrestrial Ecologist
Vice President, Ecology
KB:js

Enclosure(s) Location map of 4 bridges

Other than by the addressee, copying or distribution of this document, in whole or in part, is not permitted without the express written consent of R.J. Burnside & Associates Limited.

Location map of 4 bridges



Mishaal Rizwan

From: Mishaal Rizwan
Sent: Tuesday, October 29, 2024 10:12 AM
To: janicewilliams@hdi.land
Cc: info@hdi.land; communications@hdi.land; jocko@sixnationsns.com; info@hdi.land; 1749resource@gmail.com; Andrew Dawson; Adam Dickieson (Centre Wellington)
Subject: Centre Wellington 5 Bridges EA - Stage 1 & 2 Archaeological Assessment

Sge:no,

I am following up on behalf of the Township of Centre Wellington in regards to the Stage 1 & 2 Archaeological Assessment for Bridges 28-P, 32-P and 33-P, which was undertaken as a follow up to the commitments made within the recently completed Municipal Class Environmental Assessment of Bridges 1-P, 28-P, 30-P, 32-P and 33-P. ***The Stage 1 & 2 assessments have now been completed and have identified that the study areas of the three sites require no further archaeological assessment.***

The Stage 1 & 2 assessment report is available for download in the link below:
056693 - DRAFT Stage 1 and 2 Archaeological Assessment_28-P 32-P 33-P
Note: The file share link above will expire on February 18, 2024. Please download files from the above link prior to this date.

As identified in the Stage 1 & 2 report and the MCEA Project File Report, a Stage 1 Archaeological Assessment was conducted at the three sites (28-P, 32-P and 33-P) where the proposed works are to result in ground disturbance due to bridge replacement. The Stage 1 inspection was completed on March 15, 2024 and identified that the 32-P study area had recent extensive disturbance that required no further archaeological assessment, and that there was marginal archaeological potential at the 28-P and 33-P study areas. As such, a Stage 2 Archaeological Assessment was scheduled for the Bridge 28-P and 33-P study areas and agreements were entered between the Township and Indigenous Communities (HDI, SNGREC, MCFN) to allow field representatives the option to monitor the Stage 2 works. The Stage 2 field work was completed at both sites on July 24th, 2024 with field monitoring conducted by a representative of the Mississauga's of the Credits First Nation. The Stage 2 archaeological assessment did not result in the identification of archaeological materials at either site. As such no further archaeological assessment is recommended for these study areas.

The Township of Centre Wellington would like to provide your community with the opportunity to review the report and provide comment prior to the report being finalized and filed with the Ministry of Citizenship and Multiculturalism. ***Please provide comments on the report prior to November 29, 2024.***

If you could ***please confirm by November 4th, 2024 whether or not you intend to provide comments*** *on the attached report that would be greatly appreciated.*

Nya:weh,

BURNSIDE
Mishaal Rizwan
Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario, N1H 1C4
Office: 800-265-9662 Direct Line: 226-343-7014
www.rjburnside.com

Tricia Radburn

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Thursday, June 20, 2024 3:30 PM
To: LRCS@sixnations.ca
Cc: Andrew Dawson; Crystal Ferguson; Tricia Radburn; dlaforme@sixnations.ca
Subject: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24
Attachments: 058117_Upcoming Study_LRCS.pdf

Peter,

As discussed on the phone this afternoon, please find attached a copy of the letter sent via Canada Post last week that provides the details of an upcoming Township of Centre Wellington study. It is understood that Six Nations Lands and Resources office is interested in being provided all project related environmental impact studies and preferred alternatives as soon as they are available. Our team will make best efforts to share these documents in email correspondence as soon as they have been prepared.

Re: Upcoming Study to Review Four Bridges in Centre Wellington (Former West Garafraxa and Eramosa Townships)

The Township of Centre Wellington is scoping for a Municipal Class Environmental Assessment (MCEA) to evaluate options for four (4) bridges which are either currently closed to vehicular traffic or have a load restriction due to their poor condition. The Bridge and Transportation will consider the role of these bridges in the Township's road network and their value in connecting points across the community when determining the preferred alternative.
A summary of the project is as follows:

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Project consultant:	• R.J. Burnside & Associates Limited
Approval Process:	• Municipal Class EA
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Potential impacts to Treaty/Aboriginal Rights:	• To be determined, based on information received from your community.

We are notifying you of the upcoming project (see attached letter) in hopes that you can assist our project team in determining if your community may hold interest in this project. Your comments are welcome and will be taken into consideration throughout this study.
As new information is made available the Bridge & Transportation Network Study for Four Bridges | Connect CW Township web site will be updated as well as regular notifications.
If you have an interest in this project, please contact one of the Project Team members below. The team is happy to provide additional information, provide opportunities for your community to participate in studies or review project reports, or meet with team members to answer questions and resolve concerns.

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
705-797-4310
andrew.dawson@rjburnside.com

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Sincerely,
Adam Dickieson

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Mishaal Rizwan

From: Andrew Dawson
Sent: Wednesday, December 04, 2024 2:30 PM
To: Peter Graham
Cc: Dawn LaForme; Tanya Hill-Montour; Mishaal Rizwan; Adam Dickieson (Centre Wellington)
Subject: RE: Centre Wellington - 4 Bridges Transportation Network Study, Natural Heritage Report

Follow Up Flag: Follow up
Flag Status: Flagged

Peter,
We just hosted the second Public Open House on Monday evening, where we presented the preliminary preferred alternative. An online version of the information presented at the public open house is available on the Township's ConnectCW webpage, should you wish to review it:
https://www.connectcw.ca/bridge-transportation-network-study-four-bridges

The preliminary preferred alternative involves the replacement of Bridges 2-WG, 5-E and 7-E.
Bridge 3-E, will remain as is and used by pedestrian traffic until it is deemed unsuitable to carry pedestrian loading.

If you would like any further information, please let us know.

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Peter Graham <LRCS@sixnations.ca>
Sent: Wednesday, December 04, 2024 2:21 PM
To: Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Cc: Dawn LaForme <dlaforme@sixnations.ca>; Tanya Hill-Montour <tanyahill-montour@sixnations.ca>; Andrew Dawson <Andrew.Dawson@rjburnside.com>; Andrew Dawson <Andrew.Dawson@rjburnside.com>
Subject: RE: Centre Wellington - 4 Bridges Transportation Network Study, Natural Heritage Report

Good afternoon Mishaal,

I appreciated seeing the future commitments section. Are you able to share recommended alternatives at this point, so we'll know which bridges are likely to be replaced?

Thank you, Peter

From: Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Sent: December 4, 2024 10:48 AM
To: Peter Graham <LRCS@sixnations.ca>
Cc: Dawn LaForme <dlaforme@sixnations.ca>; Tanya Hill-Montour <tanyahill-montour@sixnations.ca>; Andrew Dawson

<Andrew.Dawson@rjburnside.com>; Andrew Dawson <Andrew.Dawson@rjburnside.com>
Subject: [External] Centre Wellington - 4 Bridges Transportation Network Study, Natural Heritage Report

Good afternoon,

Please find the Natural Heritage Report for the 4 Bridges Transportation Network Study saved at the following link: Centre Wellington Bridge and Transportation Network Study - Natural Heritage Report

If you are interested in reviewing the Report, please provide comments by January 10th, 2025.

Please let me know if you have any questions or if you require any additional information.

Thank you

BURNSIDE
Mishaal Rizwan
Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario, N1H 1C4
Office: 800-265-9662 Direct Line: 226-343-7014
www.rjburnside.com

**** CONFIDENTIALITY NOTICE ****

This electronic transmission and any accompanying attachments may contain privileged or confidential information intended only for the use of the individual or organization named above. Any distribution, copying or action taken in reliance on the contents of this communication by anyone other than the intended recipient(s) is STRICTLY PROHIBITED. If you have received this communication in error please notify the sender at the above email address and delete this email immediately.
Thank you.

****

Crystal Ferguson

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Thursday, June 20, 2024 3:30 PM
To: LRCS@sixnations.ca
Cc: Andrew Dawson; Crystal Ferguson; Tricia Radburn; dlaforme@sixnations.ca
Subject: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24
Attachments: 058117_Upcoming Study_LRCS.pdf

Categories: Brown

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Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

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To: LRCS@sixnations.ca
Cc: Andrew Dawson; Crystal Ferguson; Tricia Radburn; dlaforme@sixnations.ca
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Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Crystal Ferguson

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Tuesday, July 16, 2024 1:02 PM
To: Dawn LaForme
Cc: Tanya Hill-Montour; Tierra Henhawk; Jamie Lemon; Andrew Dawson; Matt Brooks
Subject: RE: Centre Wellington Bridges EA (RFP #09-23) - Stage 2 AA
Attachments: SNGR_TCW Agreement_Arch_Stage2_Signed.pdf

Dawn,

Please find attached the Archaeological Monitoring agreement signed by the Township for the proposed July 24, 2024 dated. Let Jamie or I know if there are any additional details you require.

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Dawn LaForme <dlaforme@sixnations.ca>
Sent: Tuesday, July 2, 2024 8:51 AM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Cc: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>; Tierra Henhawk <acmaa@sixnations.ca>; Jamie Lemon <jlemon@phcgroup.ca>; Andrew Dawson <Andrew.Dawson@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>
Subject: RE: Centre Wellington Bridges EA (RFP #09-23) - Stage 2 AA

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Adam,
Attached please find the 2024 Archaeology Monitor Agreement to be filled in, signed and send back at your earliest convenience for processing.

Thank you kindly,
Dawn LaForme, Secretary/Receptionist, Six Nations Lands & Resources, (519) 753-0665

From: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Sent: Monday, July 1, 2024 5:38 PM
To: Dawn LaForme <dlaforme@sixnations.ca>
Cc: Tierra Henhawk <acmaa@sixnations.ca>
Subject: FW: Centre Wellington Bridges EA (RFP #09-23) - Stage 2 AA

Nia':wen ko:wa (thankyou)
Tanya Hill-Montour
Six Nations of the Grand River Archaeological Supervisor
226.388.0665

From: Jamie Lemon <jlemon@phcgroup.ca>
Sent: Friday, June 28, 2024 12:21 PM
To: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>; Peter Graham <LRCS@sixnations.ca>; Adam LaForme <Adam.LaForme@mncfn.ca>; archaeology@hdi.land; Owen Greene <owengreene@hdi.land>; Todd Williams <toddwilliams@hdi.land>
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>
Subject: [External] Centre Wellington Bridges EA (RFP #09-23) - Stage 2 AA

Good afternoon,

PHC has been retained by RJ Burnside & Associates Ltd. to complete Stage 2 test pit survey for two bridges in the Township of Centre Wellington. The end client is the Township. These bridges, identified as 28-P and 33-P, are illustrated on the attached map. Note – of the bridges circled on the attached map, only 28-P and 33-P are part of the Stage 2 scope.

At the direction of the Township, we would like to notify you of the upcoming Stage 2 fieldwork, to give you an opportunity to provide an archaeological monitor for the duration of the work (1 day). In order to allow time for agreements with the Township to be finalized, we anticipate the fieldwork being undertaken in mid to late July.

Should you elect to provide an archaeological monitor for the fieldwork, and/or be provided with the draft archaeological assessment report for review, please provide your monitoring agreement to Adam Dickieson from the Township of Centre Wellington (cc'd).

Please do not hesitate to reach out if there are any questions. @Owen Greene and @Todd Williams, I have not included Sharann, per her notice of role change on her signature line, but please let me know if I am to continue including her on correspondence.

Thank you,

Jamie

Jamie Lemon, MA
Senior Archaeologist/Project Manager
jlemon@phcgroup.ca
226-230-0607

PHC is pleased to support a 4-day work week. Our core hours are Monday to Thursday, 8am – 5pm.


Health and Safety
Excellence program
Member
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ONTARIO
2024

Six Nations of the Grand River Elected Council
Archaeological Monitoring Agreement

The purpose of this agreement is to ensure that Six Nations of the Grand River Elected Council ("**SNGREC**") will be remunerated for the reasonable costs for **ONE Archaeological Monitor ("Monitor")** in connection with archaeological work required at the location of Bridge Site 32-P and 33-P at 7112 Noah Road, Centre Wellington and at Bridge Site 28-P 7187 Sideroad 11, Centre Wellington scheduled for July 24, 2024 (weather dependent). The developer/proponent is the Township of Centre Wellington.

The Monitor mandate will be to monitor and work directly with the archaeological firm Parslow Heritage Consultancy Inc. to ensure that SNGREC's perspectives and priorities are considered, and to provide any applicable feedback to SNGREC to enable SNGREC to provide timely and meaningful comment on the Project as part of its due diligence as outlined in the Ministry of Citizenship and Multiculturalism (MCM) standards and guidelines, and the Aboriginal Engagement Process.

The Township of Centre Wellington and SNGREC (together, the "Parties") agree that the Township of Centre Wellington will provide funding for one Monitor, on the following terms and conditions:

1. The Monitor will be selected by SNGREC and will have appropriate qualifications for the required work, for example, training in archaeology and a working knowledge of field work techniques.
2. The Monitor will be responsible for his/her own personal safety equipment, such as safety boots, safety glasses, safety vest, hard hat, etc. The Monitor will attend all applicable on-site orientation/tailgate safety meetings presented by the field director/supervisor, presenting safety issues on archaeological site/s, in conjunction with Parslow Heritage Consultancy Inc..
3. Parslow Heritage Consultancy Inc.'s field director will coordinate site meeting locations and times directly with SNGREC's point of contact person, Tanya Hill-Montour, Archaeology Supervisor. She may be contacted at cell number 226-388-0665 or her work email address tanyahill-montour@sixnations.ca.
4. The Township of Centre Wellington will reimburse SNGREC for the Monitor reasonable expenses incurred in connection with the monitoring work in the **amount of $125.00 per hour** for one monitor. This amount will cover all costs associated with this project such as: wage, mileage, 3-hour show up time and all applicable employment fees i.e. CPP etc., and hotel/meal (if applicable), the administrative fee, and a fee for reviewing and commenting on the Archaeological Assessments being sent to the Ministry of Citizenship and Multiculturalism.
5. The Township of Centre Wellington will provide payment to SNGREC by cheque or bank transfer within 60 days of receipt of invoice. The invoice will be addressed to the following mailing address: 1 MacDonald Square, Elora ON, N0B 1S0 and the Project will be noted in the text of the invoice. The purchase order, etc. will be provided for the text of the invoice and then will be submitted electronically to one email address: adickieson@centrewellington.ca

The foregoing accurately reflects the terms of the agreement that the Parties hereby agree to enter into and the undersigned agree to be legally bound hereby.

Formally offered by SNGREC on _____
(Date)

By: Lonny Bomberry _____
(Signature)

Title: Director, Lands and Resources
Six Nations of the Grand River Elected Council

Accepted by The Township of Centre Wellington on July 8, 2024
(Date)

By: Adam McNabb _____
(Print Name) (Signature)

Title: Managing Director of Corporate Services & Treasurer

This agreement will expire on December 31, 2024

Voice Mail (30 seconds)

LandResources <+15197530665>

Thu 7/25/2024 10:46 AM

To:Adam Dickieson <ADickieson@centrewellington.ca>

1 attachments (90 KB)

audio.mp3;

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Adam, this is Peter from Six Nations of the Grand River. Just responding to your voicemail confirming that we did receive an e-mail with the notice for the PICC on the 24th. Just so Senator Wellingtons aware, we literally never attend the PI's for any project or proponents. Thank you. Bye.

You received a voice mail from LandResources.

Thank you for using Transcription! If you don't see a transcript above, it's because the audio quality was not clear enough to transcribe.

Set Up Voice Mail

Crystal Ferguson

From: Peter Graham <LRCS@sixnations.ca>
Sent: Tuesday, August 06, 2024 1:20 PM
To: Andrew Dawson; Dawn LaForme; Tanya Hill-Montour
Cc: Crystal Ferguson; Tricia Radburn; Adam Dickieson; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E; Matt Brooks; Mishaal Rizwan
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Good afternoon Andrew,

Thank you for letting me know. Tanya also oversees environmental monitoring, so she'll be in touch about that if there's interest.

Best, Peter

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: Tuesday, August 6, 2024 9:48 AM
To: Peter Graham <LRCS@sixnations.ca>; Dawn LaForme <dlaforme@sixnations.ca>; Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Cc: Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Subject: [External] RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Good Morning Peter,

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I just wanted to follow up on this study and provide a few updates, confirm your level of interest in field work, and provide some draft background study reports. I have included Tanya on this email as some of this is archaeology related and it is my understanding she is the contact for such correspondence.

Environmental Studies
I understand that, during the June 20, 2024 phone discussions, you had identified that your level of interest in this project involves receiving and reviewing the Environmental Impact Study (EIS) and preferred alternatives as early as they become available. Our team is looking at scheduling the field work to collect background data for the EIS in the next two weeks so I wanted to touch base with you to confirm whether you are looking to have any field monitoring staff present during these studies? Please let me know as soon as possible (by **August 9** at latest) if so. Otherwise, we will provide you with the EIS report and preliminary preferred alternatives, as requested, as soon as those reports are available.

CHER and Archaeological
The draft Cultural Heritage Evaluation Report and Stage 1 Archaeological Assessment are available for download at the link below for your records/review:
058117 - CHER and Stage 1 AA
As identified in the attached reports, all sites were found to have low archaeological potential due to previous disturbances of the original bridge construction and no further archaeological investigations have been recommended.

For the CHER, bridge 3E has been found to have built cultural heritage and a Heritage Impact Assessment (HIA) is currently being undertaken. We will share the results of the HIA once complete.
Can you please review the draft reports and confirm whether you have any comments on the information included and confirm whether you have any knowledge of archaeological sites or historically documented evidence of past aboriginal use of the sites that have not been identified within the reports? We request that you please provide your comments or confirmation of acceptance by **August 15, 2024**.

Please feel free to give me a call if you have any questions!

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

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Sent: Thursday, June 20, 2024 3:30 PM
To: LRCS@sixnations.ca
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; dlaforme@sixnations.ca
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Adam Dickieson | Engineering Services Coordinator

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519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

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Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Thursday, June 20, 2024 3:30 PM
To: LRCS@sixnations.ca

Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; dlaforme@sixnations.ca
Subject: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

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From: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Sent: Sunday, August 18, 2024 7:58 PM
To: Andrew Dawson
Cc: Crystal Ferguson; Tricia Radburn; Adam Dickieson; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E; Matt Brooks; Mishaal Rizwan; Peter Graham; Dawn LaForme
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Hi Andrew

My apologies, I will send a representative Tuesday.

Dawn please coordinate a standard agreement

Nia':wen ko:wa (thankyou)
Tanya Hill-Montour
Six Nations of the Grand River Archaeological Supervisor
226.388.0665

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Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Thursday, June 20, 2024 3:30 PM
To: LRCS@sixnations.ca
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; dlaforme@sixnations.ca
Subject: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Peter,

As discussed on the phone this afternoon, please find attached a copy of the letter sent via Canada Post last week that provides the details of an upcoming Township of Centre Wellington study. It is understood that Six Nations Lands and Resources office is interested in being provided all project related environmental impact studies and preferred alternatives as soon as they are available. Our team will make best efforts to share these documents in email correspondence as soon as they have been prepared.

Re: Upcoming Study to Review Four Bridges in Centre Wellington (Former West Garafraxa and Eramosa Townships)
The Township of Centre Wellington is scoping for a Municipal Class Environmental Assessment (MCEA) to evaluate options for four (4) bridges which are either currently closed to vehicular traffic or have a load restriction due to their poor condition. The Bridge and Transportation will consider the role of these bridges in the Township's road network and their value in connecting points across the community when determining the preferred alternative.
A summary of the project is as follows:

Project Lead:	• Township of Centre Wellington
Project consultant:	• R.J. Burnside & Associates Limited
Approval Process:	• Municipal Class EA

Project Location:	• Four bridges in the former West Garafraxa and Eramosa Townships (refer to attached letter for a map)
Duty to Consult:	• The province has delegated the responsibility for consultation to the Township of Centre Wellington
Project Purpose:	• To assess whether one or more of the four bridges should be reopened or remain closed.
Studies to be completed:	• Traffic study to review traffic patterns, volumes and flow. • Archaeological screening and additional archaeological studies, if required. • Cultural Heritage Screening and additional heritage studies, if required. • Ecological study using existing records and field observations. • Geotechnical study to assess soil conditions and stability, if required.
Potential impacts to Treaty/Aboriginal Rights:	• To be determined, based on information received from your community.

We are notifying you of the upcoming project (see attached letter) in hopes that you can assist our project team in determining if your community may hold interest in this project. Your comments are welcome and will be taken into consideration throughout this study.
As new information is made available the Bridge & Transportation Network Study for Four Bridges | Connect CW Township web site will be updated as well as regular notifications.
If you have an interest in this project, please contact one of the Project Team members below. The team is happy to provide additional information, provide opportunities for your community to participate in studies or review project reports, or meet with team members to answer questions and resolve concerns.

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
705-797-4310
andrew.dawson@rjburnside.com

Information will be collected in accordance with the *Municipal Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Sincerely,
Adam Dickieson

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Crystal Ferguson

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Monday, August 19, 2024 4:12 PM
To: Dawn LaForme; Tanya Hill-Montour
Cc: Crystal Ferguson; Tricia Radburn; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E; Matt Brooks; Mishaal Rizwan; Andrew Dawson
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24
Attachments: SNGREC - Field Study Monitor - Aug'24.pdf; Details for the Study of Four Bridges in Township of Centre Wellington

Dawn, Tanya,

Find attached a signed field study monitoring agreement for tomorrow's Background natural heritage review, Ecological Land Classification, Tree inventory, Wildlife/SAR habitats and Aquatic habitat / characterization field study.

Please correspond directly with Tricia Radburn (R.J. Burnside) regarding tomorrow afternoon's study. (Email containing site study details attached).

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Adam Dickieson
Sent: Monday, August 19, 2024 10:09 AM
To: Dawn LaForme <dlaforme@sixnations.ca>; Andrew Dawson <Andrew.Dawson@rjburnside.com>
Cc: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Dawn,

Thank you for sending the agreement along. I will look after the agreement prepared/signed with the Township and correspond back to you through this email chain.

Six Nations of the Grand River Elected Council
Field Study Monitoring Agreement
[Background natural heritage review, Ecological Land Classification, Tree inventory, Wildlife/SAR habitats and Aquatic habitat / characterization]

The purpose of this agreement is to ensure that Six Nations of the Grand River Elected Council ("**SNGREC**") will be remunerated for the reasonable costs for **ONE Field Study Monitor ("Monitor")** in connection with field study work required at the location of 4 Bridge sites situated in South/East Centre Wellington scheduled for August 20, 2024 (weather dependent). The developer/proponent is The Township of Centre Wellington.

The Monitor mandate will be to monitor and work directly with the Township Consulting firm R.J. Burnsides and Associates Limited to ensure that SNGREC's perspectives and priorities are considered, and to provide any applicable feedback to SNGREC to enable SNGREC to provide timely and meaningful comment on the Project as part of its due diligence as outlined in the Ministry of Citizenship and Multiculturalism (MCM) standards and guidelines, and the Aboriginal Engagement Process.

The Township of Centre Wellington and SNGREC (together, the "Parties") agree that The Township of Centre Wellington will provide funding for one Monitor, on the following terms and conditions:

1. The Monitor will be selected by SNGREC and will have appropriate qualifications for the required work, for example, training in ecological studies and a working knowledge of field work techniques.
2. The Monitor will be responsible for his/her own personal safety equipment, such as safety boots, safety glasses, safety vest, hard hat, etc. The Monitor will attend all applicable on-site orientation/tailgate safety meetings presented by the field director/supervisor, presenting safety issues on archaeological site/s, in conjunction with R.J. Burnsides and Associates Limited.
3. R.J. Burnsides and Associates Limited's field director will coordinate site meeting locations and times directly with SNGREC's point of contact person, Tanya Hill-Montour, Archaeology Supervisor. She may be contacted at cell number 226-388-0665 or her work email address tanyahill-montour@sixnations.ca.
4. The Township of Centre Wellington will reimburse SNGREC for the Monitor reasonable expenses incurred in connection with the monitoring work in the **amount of $125.00 per hour** for one monitor. This amount will cover all costs associated with this project such as: wage, mileage, 3-hour show up time and all applicable employment fees i.e. CPP etc., and hotel/meal (if applicable), the administrative fee, and a fee for reviewing and commenting on the Archaeological Assessments being sent to the Ministry of Citizenship and Multiculturalism.
5. The Township of Centre Wellington will provide payment to SNGREC by cheque or bank transfer within 60 days of receipt of invoice. The invoice will be addressed to the following mailing address: 1 MacDonald Square, Elora ON, N0B 1S0 and the Project will be noted in the text of the invoice. The purchase order, etc. will be provided for the text of the invoice and then will be submitted electronically to one email address: adickieson@centrewellington.ca

The foregoing accurately reflects the terms of the agreement that the Parties hereby agree to enter into and the undersigned agree to be legally bound hereby.

Formally offered by SNGREC on _____
(Date)

By: Lonny Bomberry _____
(Signature)

Title: Director, Lands and Resources
Six Nations of the Grand River Elected Council

Accepted by The Township of Centre Wellington on August 19, 2024
(Date)

By: Adam McNabb _____
(Print Name) (Signature)

Title: Managing Director of Corporate Services & Treasurer

This agreement will expire on December 31, 2024

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Dawn LaForme <dlaforme@sixnations.ca>
Sent: Monday, August 19, 2024 9:50 AM
To: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Cc: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Andrew,
Attached please find the 2024 Archaeology Monitor Agreement to be filled in, signed and send back at your earliest convenience for processing.

Thank you kindly,
Dawn LaForme, Secretary/Receptionist, Six Nations Lands & Resources, (519) 753-0665

From: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Sent: August 18, 2024 7:58 PM
To: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Cc: Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>; Peter Graham <LRCS@sixnations.ca>; Dawn LaForme <dlaforme@sixnations.ca>
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Hi Andrew

My apologies, I will send a representative Tuesday.

Dawn please coordinate a standard agreement

Nia':wen ko:wa (thankyou)
Tanya Hill-Montour
Six Nations of the Grand River Archaeological Supervisor
226.388.0665

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: Thursday, August 15, 2024 12:36 PM
To: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Cc: Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>; Peter Graham <LRCS@sixnations.ca>; Dawn LaForme <dlaforme@sixnations.ca>
Subject: [External] RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Tanya,
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Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Andrew Dawson
Sent: Friday, August 09, 2024 12:10 PM
To: Peter Graham <LRCS@sixnations.ca>; Dawn LaForme <dlaforme@sixnations.ca>; Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Cc: Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Tanya,
I am following up on the email chain below to confirm if your team has interest in overseeing the environmental field work? We are looking to schedule this work on the week of August 19th, so if you could please confirm whether you have interest or not by end of day today, it would be greatly appreciated. Otherwise, we will continue with the original request from Peter of providing the reports once complete.

Regards,
Andrew

From: Peter Graham <LRCS@sixnations.ca>
Sent: Tuesday, August 06, 2024 1:20 PM
To: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Dawn LaForme <dlaforme@sixnations.ca>; Tanya Hill-

Montour <tanyahill-montour@sixnations.ca>
Cc: Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Good afternoon Andrew,

Thank you for letting me know. Tanya also oversees environmental monitoring, so she'll be in touch about that if there's interest.

Best, Peter

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: Tuesday, August 6, 2024 9:48 AM
To: Peter Graham <LRCS@sixnations.ca>; Dawn LaForme <dlaforme@sixnations.ca>; Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Cc: Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Subject: [External] RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Good Morning Peter,

Hope you have been keeping well and enjoyed your long weekend!
I just wanted to follow up on this study and provide a few updates, confirm your level of interest in field work, and provide some draft background study reports. I have included Tanya on this email as some of this is archaeology related and it is my understanding she is the contact for such correspondence.

Environmental Studies
I understand that, during the June 20, 2024 phone discussions, you had identified that your level of interest in this project involves receiving and reviewing the Environmental Impact Study (EIS) and preferred alternatives as early as they become available. Our team is looking at scheduling the field work to collect background data for the EIS in the next two weeks so I wanted to touch base with you to confirm whether you are looking to have any field monitoring staff present during these studies? Please let me know as soon as possible (by **August 9** at latest) if so. Otherwise, we will provide you with the EIS report and preliminary preferred alternatives, as requested, as soon as those reports are available.

CHER and Archaeological
The draft Cultural Heritage Evaluation Report and Stage 1 Archaeological Assessment are available for download at the link below for your records/review:
058117 - CHER and Stage 1 AA
As identified in the attached reports, all sites were found to have low archaeological potential due to previous disturbances of the original bridge construction and no further archaeological investigations have been recommended.
For the CHER, bridge 3E has been found to have built cultural heritage and a Heritage Impact Assessment (HIA) is currently being undertaken. We will share the results of the HIA once complete.
Can you please review the draft reports and confirm whether you have any comments on the information included and confirm whether you have any knowledge of archaeological sites or historically documented evidence of past

aboriginal use of the sites that have not been identified within the reports? We request that you please provide your comments or confirmation of acceptance by **August 15, 2024**.

Please feel free to give me a call if you have any questions!

Regards,
Andrew

Andrew Dawson
Project Engineer
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Project consultant:	• R.J. Burnside & Associates Limited
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Potential impacts to Treaty/Aboriginal Rights:

- To be determined, based on information received from your community.

We are notifying you of the upcoming project (see attached letter) in hopes that you can assist our project team in determining if your community may hold interest in this project. Your comments are welcome and will be taken into consideration throughout this study.
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Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0
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Sincerely,
Adam Dickieson

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Crystal Ferguson

From: Dawn LaForme <dlaforme@sixnations.ca>
Sent: Monday, August 19, 2024 9:50 AM
To: Andrew Dawson
Cc: Tanya Hill-Montour; Crystal Ferguson; Tricia Radburn; Adam Dickieson; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E; Matt Brooks; Mishaal Rizwan
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Attachments: 2024 Arch Monitor Agreement for One Monitor.docx

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Can you please review the draft reports and confirm whether you have any comments on the information included and confirm whether you have any knowledge of archaeological sites or historically documented evidence of past aboriginal use of the sites that have not been identified within the reports? We request that you please provide your comments or confirmation of acceptance by **August 15, 2024**.

Please feel free to give me a call if you have any questions!

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Thursday, June 20, 2024 3:30 PM
To: LRCS@sixnations.ca
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; dlaforme@sixnations.ca
Subject: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Peter,

As discussed on the phone this afternoon, please find attached a copy of the letter sent via Canada Post last week that provides the details of an upcoming Township of Centre Wellington study. It is understood that Six Nations Lands and Resources office is interested in being provided all project related environmental impact studies and preferred alternatives as soon as they are available. Our team will make best efforts to share these documents in email correspondence as soon as they have been prepared.

Re: Upcoming Study to Review Four Bridges in Centre Wellington (Former West Garafraxa and Eramosa Townships)

The Township of Centre Wellington is scoping for a Municipal Class Environmental Assessment (MCEA) to evaluate options for four (4) bridges which are either currently closed to vehicular traffic or have a load restriction due to their poor condition. The Bridge and Transportation will consider the role of these bridges in the Township's road network and their value in connecting points across the community when determining the preferred alternative.
A summary of the project is as follows:

Project Lead:	• Township of Centre Wellington
Project consultant:	• R.J. Burnside & Associates Limited
Approval Process:	• Municipal Class EA
Project Location:	• Four bridges in the former West Garafraxa and Eramosa Townships (refer to attached letter for a map)
Duty to Consult:	• The province has delegated the responsibility for consultation to the Township of Centre Wellington
Project Purpose:	• To assess whether one or more of the four bridges should be reopened or remain closed.
Studies to be completed:	• Traffic study to review traffic patterns, volumes and flow. • Archaeological screening and additional archaeological studies, if required. • Cultural Heritage Screening and additional heritage studies, if required. • Ecological study using existing records and field observations. • Geotechnical study to assess soil conditions and stability, if required.
Potential impacts to Treaty/Aboriginal Rights:	• To be determined, based on information received from your community.

We are notifying you of the upcoming project (see attached letter) in hopes that you can assist our project team in determining if your community may hold interest in this project. Your comments are welcome and will be taken into consideration throughout this study.
As new information is made available the Bridge & Transportation Network Study for Four Bridges | Connect CW Township web site will be updated as well as regular notifications.
If you have an interest in this project, please contact one of the Project Team members below. The team is happy to provide additional information, provide opportunities for your community to participate in studies or review project reports, or meet with team members to answer questions and resolve concerns.

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
705-797-4310
andrew.dawson@rjburnside.com

Information will be collected in accordance with the *Municipal Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Sincerely,
Adam Dickieson

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Crystal Ferguson

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Monday, August 19, 2024 10:09 AM
To: Dawn LaForme; Andrew Dawson
Cc: Tanya Hill-Montour; Crystal Ferguson; Tricia Radburn; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E; Matt Brooks; Mishaal Rizwan
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Dawn,

Thank you for sending the agreement along. I will look after the agreement prepared/signed with the Township and correspond back to you through this email chain.

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Dawn LaForme <dlaforme@sixnations.ca>
Sent: Monday, August 19, 2024 9:50 AM
To: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Cc: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Andrew,
Attached please find the 2024 Archaeology Monitor Agreement to be filled in, signed and send back at your earliest convenience for processing.

Thank you kindly,

From: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Sent: August 18, 2024 7:58 PM
To: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Cc: Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>; Peter Graham <LRCS@sixnations.ca>; Dawn LaForme <dlaforme@sixnations.ca>
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Hi Andrew

My apologies, I will send a representative Tuesday.

Dawn please coordinate a standard agreement

Nia':wen ko:wa (thankyou)
Tanya Hill-Montour
Six Nations of the Grand River Archaeological Supervisor
226.388.0665

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: Thursday, August 15, 2024 12:36 PM
To: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Cc: Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>; Peter Graham <LRCS@sixnations.ca>; Dawn LaForme <dlaforme@sixnations.ca>
Subject: [External] RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Tanya,
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Regards,
Andrew

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Project Engineer
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Office: +1 800-265-9662 Direct: +1 705-797-4310

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Sent: Friday, August 09, 2024 12:10 PM
To: Peter Graham <LRCS@sixnations.ca>; Dawn LaForme <dlaforme@sixnations.ca>; Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Cc: Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E

<058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Tanya,
I am following up on the email chain below to confirm if your team has interest in overseeing the environmental field work? We are looking to schedule this work on the week of August 19th, so if you could please confirm whether you have interest or not by end of day today, it would be greatly appreciated. Otherwise, we will continue with the original request from Peter of providing the reports once complete.

Regards,
Andrew

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Sent: Tuesday, August 06, 2024 1:20 PM
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Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Good afternoon Andrew,

Thank you for letting me know. Tanya also oversees environmental monitoring, so she'll be in touch about that if there's interest.

Best, Peter

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Subject: [External] RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Good Morning Peter,

Hope you have been keeping well and enjoyed your long weekend!
I just wanted to follow up on this study and provide a few updates, confirm your level of interest in field work, and provide some draft background study reports. I have included Tanya on this email as some of this is archaeology related and it is my understanding she is the contact for such correspondence.

Environmental Studies
I understand that, during the June 20, 2024 phone discussions, you had identified that your level of interest in this project involves receiving and reviewing the Environmental Impact Study (EIS) and preferred alternatives as early as they become available. Our team is looking at scheduling the field work to collect background data for the EIS in the next two weeks so I wanted to touch base with you to confirm whether you are looking to have any field

monitoring staff present during these studies? Please let me know as soon as possible (by **August 9** at latest) if so. Otherwise, we will provide you with the EIS report and preliminary preferred alternatives, as requested, as soon as those reports are available.

CHER and Archaeological
The draft Cultural Heritage Evaluation Report and Stage 1 Archaeological Assessment are available for download at the link below for your records/review:
058117 - CHER and Stage 1 AA
As identified in the attached reports, all sites were found to have low archaeological potential due to previous disturbances of the original bridge construction and no further archaeological investigations have been recommended.
For the CHER, bridge 3E has been found to have built cultural heritage and a Heritage Impact Assessment (HIA) is currently being undertaken. We will share the results of the HIA once complete.
Can you please review the draft reports and confirm whether you have any comments on the information included and confirm whether you have any knowledge of archaeological sites or historically documented evidence of past aboriginal use of the sites that have not been identified within the reports? We request that you please provide your comments or confirmation of acceptance by **August 15, 2024**.

Please feel free to give me a call if you have any questions!

Regards,
Andrew

Andrew Dawson
Project Engineer
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Office: +1 800-265-9662 Direct: +1 705-797-4310

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Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
705-797-4310
andrew.dawson@rjburnside.com

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Sincerely,
Adam Dickieson

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Six Nations of the Grand River Elected Council
Archaeological Monitoring Agreement

The purpose of this agreement is to ensure that Six Nations of the Grand River Elected Council ("**SNGREC**") will be remunerated for the reasonable costs for **ONE Archaeological Monitor ("Monitor")** in connection with archaeological work required at the location of _____ scheduled for _____, 2024 (weather dependent). The developer/proponent is _____.

The Monitor mandate will be to monitor and work directly with the archaeological firm _____ to ensure that SNGREC's perspectives and priorities are considered, and to provide any applicable feedback to SNGREC to enable SNGREC to provide timely and meaningful comment on the Project as part of its due diligence as outlined in the Ministry of Citizenship and Multiculturalism (MCM) standards and guidelines, and the Aboriginal Engagement Process.

_____ and SNGREC (together, the "Parties") agree that _____ will provide funding for one Monitor, on the following terms and conditions:

1. The Monitor will be selected by SNGREC and will have appropriate qualifications for the required work, for example, training in archaeology and a working knowledge of field work techniques.
2. The Monitor will be responsible for his/her own personal safety equipment, such as safety boots, safety glasses, safety vest, hard hat, etc. The Monitor will attend all applicable on-site orientation/tailgate safety meetings presented by the field director/supervisor, presenting safety issues on archaeological site/s, in conjunction with _____.
3. _____'s field director will coordinate site meeting locations and times directly with SNGREC's point of contact person, Tanya Hill-Montour, Archaeology Supervisor. She may be contacted at cell number 226-388-0665 or her work email address tanyahill-montour@sixnations.ca.
4. _____ will reimburse SNGREC for the Monitor reasonable expenses incurred in connection with the monitoring work in the **amount of $125.00 per hour** for one monitor. This amount will cover all costs associated with this project such as: wage, mileage, 3-hour show up time and all applicable employment fees i.e. CPP etc., and hotel/meal (if applicable), the administrative fee, and a fee for reviewing and commenting on the Archaeological Assessments being sent to the Ministry of Citizenship and Multiculturalism.
5. _____ will provide payment to SNGREC by cheque or bank transfer within 60 days of receipt of invoice. The invoice will be addressed to the following mailing address: _____ and the Project will be noted in the text of the invoice. The purchase order, etc. will be provided for the text of the invoice and then will be submitted electronically to one email address: _____

The foregoing accurately reflects the terms of the agreement that the Parties hereby agree to enter into and the undersigned agree to be legally bound hereby.

Formally offered by SNGREC on _____
(Date)

By: Lonny Bomberry _____
(Signature)

Title: Director, Lands and Resources
Six Nations of the Grand River Elected Council

Accepted by _____ on _____
(Date)

By: _____ _____
(Print Name) (Signature)

Title: _____

This agreement will expire on December 31, 2024

Crystal Ferguson

From: Dawn LaForme <dlaforme@sixnations.ca>
Sent: Thursday, August 22, 2024 11:25 AM
To: Adam Dickieson
Cc: Tanya Hill-Montour; Crystal Ferguson; Tricia Radburn; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E; Matt Brooks; Mishaal Rizwan; Andrew Dawson
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24
Attachments: 4 Bridge Sites (Centre Wellington) - August 2024.pdf

Good morning Adam, attached please find a signed copy of the monitor agreement for your files.

Thank you kindly,
Dawn LaForme, Secretary/Receptionist, Six Nations Lands & Resources, (519) 753-0665

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: August 19, 2024 4:12 PM
To: Dawn LaForme <dlaforme@sixnations.ca>; Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Cc: Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>; Andrew Dawson <Andrew.Dawson@rjburnside.com>
Subject: [External] RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Dawn, Tanya,

Find attached a signed field study monitoring agreement for tomorrow's Background natural heritage review, Ecological Land Classification, Tree inventory, Wildlife/SAR habitats and Aquatic habitat / characterization field study.

Please correspond directly with Tricia Radburn (R.J. Burnside) regarding tomorrow afternoon's study. (Email containing site study details attached).

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Adam Dickieson
Sent: Monday, August 19, 2024 10:09 AM
To: Dawn LaForme <dlaforme@sixnations.ca>; Andrew Dawson <Andrew.Dawson@rjburnside.com>
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Regards,
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Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
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From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: Tuesday, August 6, 2024 9:48 AM
To: Peter Graham <LRCS@sixnations.ca>; Dawn LaForme <dlaforme@sixnations.ca>; Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Cc: Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Subject: [External] RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Good Morning Peter,

Hope you have been keeping well and enjoyed your long weekend!
I just wanted to follow up on this study and provide a few updates, confirm your level of interest in field work, and provide some draft background study reports. I have included Tanya on this email as some of this is archaeology related and it is my understanding she is the contact for such correspondence.

Environmental Studies
I understand that, during the June 20, 2024 phone discussions, you had identified that your level of interest in this project involves receiving and reviewing the Environmental Impact Study (EIS) and preferred alternatives as early as they become available. Our team is looking at scheduling the field work to collect background data for the EIS in the next two weeks so I wanted to touch base with you to confirm whether you are looking to have any field monitoring staff present during these studies? Please let me know as soon as possible (by **August 9** at latest) if so.

Otherwise, we will provide you with the EIS report and preliminary preferred alternatives, as requested, as soon as those reports are available.

CHER and Archaeological
The draft Cultural Heritage Evaluation Report and Stage 1 Archaeological Assessment are available for download at the link below for your records/review:
058117 - CHER and Stage 1 AA
As identified in the attached reports, all sites were found to have low archaeological potential due to previous disturbances of the original bridge construction and no further archaeological investigations have been recommended.
For the CHER, bridge 3E has been found to have built cultural heritage and a Heritage Impact Assessment (HIA) is currently being undertaken. We will share the results of the HIA once complete.
Can you please review the draft reports and confirm whether you have any comments on the information included and confirm whether you have any knowledge of archaeological sites or historically documented evidence of past aboriginal use of the sites that have not been identified within the reports? We request that you please provide your comments or confirmation of acceptance by **August 15, 2024**.

Please feel free to give me a call if you have any questions!

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Thursday, June 20, 2024 3:30 PM
To: LRCS@sixnations.ca
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; dlaforme@sixnations.ca
Subject: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Peter,

As discussed on the phone this afternoon, please find attached a copy of the letter sent via Canada Post last week that provides the details of an upcoming Township of Centre Wellington study. It is understood that Six Nations Lands and Resources office is interested in being provided all project related environmental impact studies and preferred alternatives as soon as they are available. Our team will make best efforts to share these documents in email correspondence as soon as they have been prepared.

Re: Upcoming Study to Review Four Bridges in Centre Wellington (Former West Garafraxa and Eramosa Townships)
The Township of Centre Wellington is scoping for a Municipal Class Environmental Assessment (MCEA) to evaluate options for four (4) bridges which are either currently closed to vehicular traffic or have a load restriction due to their poor condition. The Bridge and Transportation will consider the role of these bridges in the Township's road network and their value in connecting points across the community when determining the preferred alternative.
A summary of the project is as follows:

Project Lead:	• Township of Centre Wellington
Project consultant:	• R.J. Burnside & Associates Limited
Approval Process:	• Municipal Class EA

Project Location:	• Four bridges in the former West Garafraxa and Eramosa Townships (refer to attached letter for a map)
Duty to Consult:	• The province has delegated the responsibility for consultation to the Township of Centre Wellington
Project Purpose:	• To assess whether one or more of the four bridges should be reopened or remain closed.
Studies to be completed:	• Traffic study to review traffic patterns, volumes and flow. • Archaeological screening and additional archaeological studies, if required. • Cultural Heritage Screening and additional heritage studies, if required. • Ecological study using existing records and field observations. • Geotechnical study to assess soil conditions and stability, if required.
Potential impacts to Treaty/Aboriginal Rights:	• To be determined, based on information received from your community.

We are notifying you of the upcoming project (see attached letter) in hopes that you can assist our project team in determining if your community may hold interest in this project. Your comments are welcome and will be taken into consideration throughout this study.
As new information is made available the Bridge & Transportation Network Study for Four Bridges | Connect CW Township web site will be updated as well as regular notifications.
If you have an interest in this project, please contact one of the Project Team members below. The team is happy to provide additional information, provide opportunities for your community to participate in studies or review project reports, or meet with team members to answer questions and resolve concerns.

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
705-797-4310
andrew.dawson@rjburnside.com

Information will be collected in accordance with the *Municipal Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Sincerely,
Adam Dickieson

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Six Nations of the Grand River Elected Council
Field Study Monitoring Agreement
[Background natural heritage review, Ecological Land Classification, Tree inventory, Wildlife/SAR habitats and Aquatic habitat / characterization]

The purpose of this agreement is to ensure that Six Nations of the Grand River Elected Council ("**SNGREC**") will be remunerated for the reasonable costs for **ONE Field Study Monitor ("Monitor")** in connection with field study work required at the location of 4 Bridge sites situated in South/East Centre Wellington scheduled for August 20, 2024 (weather dependent). The developer/proponent is The Township of Centre Wellington.

The Monitor mandate will be to monitor and work directly with the Township Consulting firm R.J. Burnsides and Associates Limited to ensure that SNGREC's perspectives and priorities are considered, and to provide any applicable feedback to SNGREC to enable SNGREC to provide timely and meaningful comment on the Project as part of its due diligence as outlined in the Ministry of Citizenship and Multiculturalism (MCM) standards and guidelines, and the Aboriginal Engagement Process.

The Township of Centre Wellington and SNGREC (together, the "Parties") agree that The Township of Centre Wellington will provide funding for one Monitor, on the following terms and conditions:

1. The Monitor will be selected by SNGREC and will have appropriate qualifications for the required work, for example, training in ecological studies and a working knowledge of field work techniques.
2. The Monitor will be responsible for his/her own personal safety equipment, such as safety boots, safety glasses, safety vest, hard hat, etc. The Monitor will attend all applicable on-site orientation/tailgate safety meetings presented by the field director/supervisor, presenting safety issues on archaeological site/s, in conjunction with R.J. Burnsides and Associates Limited.
3. R.J. Burnsides and Associates Limited's field director will coordinate site meeting locations and times directly with SNGREC's point of contact person, Tanya Hill-Montour, Archaeology Supervisor. She may be contacted at cell number 226-388-0665 or her work email address tanyahill-montour@sixnations.ca.
4. The Township of Centre Wellington will reimburse SNGREC for the Monitor reasonable expenses incurred in connection with the monitoring work in the **amount of $125.00 per hour** for one monitor. This amount will cover all costs associated with this project such as: wage, mileage, 3-hour show up time and all applicable employment fees i.e. CPP etc., and hotel/meal (if applicable), the administrative fee, and a fee for reviewing and commenting on the Archaeological Assessments being sent to the Ministry of Citizenship and Multiculturalism.
5. The Township of Centre Wellington will provide payment to SNGREC by cheque or bank transfer within 60 days of receipt of invoice. The invoice will be addressed to the following mailing address: 1 MacDonald Square, Elora ON, N0B 1S0 and the Project will be noted in the text of the invoice. The purchase order, etc. will be provided for the text of the invoice and then will be submitted electronically to one email address: adickieson@centrewellington.ca

The foregoing accurately reflects the terms of the agreement that the Parties hereby agree to enter into and the undersigned agree to be legally bound hereby.

Formally offered by SNGREC on August 20, 2024
(Date)

By: Lonny Bomberry _____
(Signature)

Title: Director, Lands and Resources
Six Nations of the Grand River Elected Council

Accepted by The Township of Centre Wellington on August 19, 2024
(Date)

By: Adam McNabb _____
(Print Name) (Signature)

Title: Managing Director of Corporate Services & Treasurer

This agreement will expire on December 31, 2024

Crystal Ferguson

From: Andrew Dawson
Sent: Tuesday, August 27, 2024 10:14 PM
To: Peter Graham; Dawn LaForme; Tanya Hill-Montour
Cc: Crystal Ferguson; Tricia Radburn; Adam Dickieson; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E; Matt Brooks; Mishaal Rizwan
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Peter,

I am following up on the email below to confirm whether SNGREC will be reviewing or providing comments on the Cultural Heritage Report and the Stage 1 Archaeological Report. I am looking to confirm whether you have any knowledge of archaeological sites or historically documented evidence of past aboriginal use of the sites that have not been identified within the reports.

If you could please get back to me as soon as possible on whether you intend to review and comment on this and what your anticipated timelines for providing comments would be, it would be much appreciated.

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Peter Graham <LRCS@sixnations.ca>
Sent: Tuesday, August 06, 2024 1:20 PM
To: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Dawn LaForme <dlaforme@sixnations.ca>; Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Cc: Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Good afternoon Andrew,

Thank you for letting me know. Tanya also oversees environmental monitoring, so she'll be in touch about that if there's interest.

Best, Peter

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: Tuesday, August 6, 2024 9:48 AM
To: Peter Graham <LRCS@sixnations.ca>; Dawn LaForme <dlaforme@sixnations.ca>; Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Cc: Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal

Rizwan <Mishaal.Rizwan@rjburnside.com>
Subject: [External] RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

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Please feel free to give me a call if you have any questions!

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Thursday, June 20, 2024 3:30 PM
To: LRCS@sixnations.ca
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; dlaforme@sixnations.ca
Subject: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

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as soon as they are available. Our team will make best efforts to share these documents in email correspondence as soon as they have been prepared.

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Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
705-797-4310
andrew.dawson@rjburnside.com

Information will be collected in accordance with the *Municipal Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Sincerely,
Adam Dickieson

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Crystal Ferguson

From: Andrew Dawson
Sent: Tuesday, September 03, 2024 1:10 PM
To: Dawn LaForme; Tanya Hill-Montour; Peter Graham
Cc: Tricia Radburn; Adam Dickieson; Matt Brooks; Kevin Butt; Mark Saunders
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24
Attachments: 058117 Meeting Minutes_Ecological Field Work_2024-08-22.pdf

Dawn / Tanya / Peter,
Thank you to your team for their participation in the ecological field studies conducted on August 20th.
It is my understanding that everything went well on site and that your team was in acceptance of our team's findings.

Please see attached for the minutes for the meeting / site visit for your review and comment.
Please let me know if you or your team feel that there are any errors or omissions within the meeting minutes.

As noted in the minutes, we will circulate our report once it has been drafted.

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Dawn LaForme <dlaforme@sixnations.ca>
Sent: Thursday, August 22, 2024 11:25 AM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Cc: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>; Andrew Dawson <Andrew.Dawson@rjburnside.com>
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Good morning Adam, attached please find a signed copy of the monitor agreement for your files.

Thank you kindly,
Dawn LaForme, Secretary/Receptionist, Six Nations Lands & Resources, (519) 753-0665

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: August 19, 2024 4:12 PM
To: Dawn LaForme <dlaforme@sixnations.ca>; Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Cc: Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>; Andrew Dawson <Andrew.Dawson@rjburnside.com>
Subject: [External] RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Dawn, Tanya,

Find attached a signed field study monitoring agreement for tomorrow's Background natural heritage review, Ecological Land Classification, Tree inventory, Wildlife/SAR habitats and Aquatic habitat / characterization field study.

Please correspond directly with Tricia Radburn (R.J. Burnside) regarding tomorrow afternoon's study. (Email containing site study details attached).

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Adam Dickieson
Sent: Monday, August 19, 2024 10:09 AM
To: Dawn LaForme <dlaforme@sixnations.ca>; Andrew Dawson <Andrew.Dawson@rjburnside.com>
Cc: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Dawn,

Thank you for sending the agreement along. I will look after the agreement prepared/signed with the Township and correspond back to you through this email chain.

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

From: Dawn LaForme <dlaforme@sixnations.ca>
Sent: Monday, August 19, 2024 9:50 AM
To: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Cc: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Andrew,
Attached please find the 2024 Archaeology Monitor Agreement to be filled in, signed and send back at your earliest convenience for processing.

Thank you kindly,
Dawn LaForme, Secretary/Receptionist, Six Nations Lands & Resources, (519) 753-0665

From: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Sent: August 18, 2024 7:58 PM
To: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Cc: Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>; Peter Graham <LRCS@sixnations.ca>; Dawn LaForme <dlaforme@sixnations.ca>
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Hi Andrew

My apologies, I will send a representative Tuesday.

Dawn please coordinate a standard agreement

Nia':wen ko:wa (thankyou)
Tanya Hill-Montour
Six Nations of the Grand River Archaeological Supervisor
226.388.0665

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: Thursday, August 15, 2024 12:36 PM
To: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Cc: Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>; Peter Graham <LRCS@sixnations.ca>; Dawn LaForme

<dlaforme@sixnations.ca>
Subject: [External] RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Tanya,
The field work for these ecological studies has been scheduled for Tuesday August 20th. Since we have not received any confirmation of interest from Six Nations, we will be proceeding with the field work on August 20th and will provide you with the reports once the draft is completed. For your information, HDI will have field monitors to review this field work on August 20th.

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Andrew Dawson
Sent: Friday, August 09, 2024 12:10 PM
To: Peter Graham <LRCS@sixnations.ca>; Dawn LaForme <dlaforme@sixnations.ca>; Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Cc: Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>; 058117 Centre Wellington EA for Bridges 2-WG, 3-E, 5-E, 7-E <058117CentreWellingtonEAforBridges@rjburnside.com>; Matt Brooks <Matt.Brooks@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Subject: RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Tanya,
I am following up on the email chain below to confirm if your team has interest in overseeing the environmental field work? We are looking to schedule this work on the week of August 19th, so if you could please confirm whether you have interest or not by end of day today, it would be greatly appreciated. Otherwise, we will continue with the original request from Peter of providing the reports once complete.

Regards,
Andrew

From: Peter Graham <LRCS@sixnations.ca>
Sent: Tuesday, August 06, 2024 1:20 PM
To: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Dawn LaForme <dlaforme@sixnations.ca>; Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
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Subject: [External] RE: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Good Morning Peter,

Hope you have been keeping well and enjoyed your long weekend!
I just wanted to follow up on this study and provide a few updates, confirm your level of interest in field work, and provide some draft background study reports. I have included Tanya on this email as some of this is archaeology related and it is my understanding she is the contact for such correspondence.

Environmental Studies
I understand that, during the June 20, 2024 phone discussions, you had identified that your level of interest in this project involves receiving and reviewing the Environmental Impact Study (EIS) and preferred alternatives as early as they become available. Our team is looking at scheduling the field work to collect background data for the EIS in the next two weeks so I wanted to touch base with you to confirm whether you are looking to have any field monitoring staff present during these studies? Please let me know as soon as possible (by **August 9** at latest) if so. Otherwise, we will provide you with the EIS report and preliminary preferred alternatives, as requested, as soon as those reports are available.

CHER and Archaeological
The draft Cultural Heritage Evaluation Report and Stage 1 Archaeological Assessment are available for download at the link below for your records/review:
058117 - CHER and Stage 1 AA
As identified in the attached reports, all sites were found to have low archaeological potential due to previous disturbances of the original bridge construction and no further archaeological investigations have been recommended.
For the CHER, bridge 3E has been found to have built cultural heritage and a Heritage Impact Assessment (HIA) is currently being undertaken. We will share the results of the HIA once complete.
Can you please review the draft reports and confirm whether you have any comments on the information included and confirm whether you have any knowledge of archaeological sites or historically documented evidence of past aboriginal use of the sites that have not been identified within the reports? We request that you please provide your comments or confirmation of acceptance by **August 15, 2024**.

Please feel free to give me a call if you have any questions!

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Thursday, June 20, 2024 3:30 PM
To: LRCS@sixnations.ca
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia

Radburn <Tricia.Radburn@rjburnside.com>; dlaforme@sixnations.ca
Subject: 300058117 Centre Wellington - Bridge and Transportation Network Study For 4 Bridges RFP 04-24

Peter,

As discussed on the phone this afternoon, please find attached a copy of the letter sent via Canada Post last week that provides the details of an upcoming Township of Centre Wellington study. It is understood that Six Nations Lands and Resources office is interested in being provided all project related environmental impact studies and preferred alternatives as soon as they are available. Our team will make best efforts to share these documents in email correspondence as soon as they have been prepared.

Re: Upcoming Study to Review Four Bridges in Centre Wellington (Former West Garafraxa and Eramosa Townships)

The Township of Centre Wellington is scoping for a Municipal Class Environmental Assessment (MCEA) to evaluate options for four (4) bridges which are either currently closed to vehicular traffic or have a load restriction due to their poor condition. The Bridge and Transportation will consider the role of these bridges in the Township's road network and their value in connecting points across the community when determining the preferred alternative.
A summary of the project is as follows:

Project Lead:	• Township of Centre Wellington
Project consultant:	• R.J. Burnside & Associates Limited
Approval Process:	• Municipal Class EA
Project Location:	• Four bridges in the former West Garafraxa and Eramosa Townships (refer to attached letter for a map)
Duty to Consult:	• The province has delegated the responsibility for consultation to the Township of Centre Wellington
Project Purpose:	• To assess whether one or more of the four bridges should be reopened or remain closed.
Studies to be completed:	• Traffic study to review traffic patterns, volumes and flow. • Archaeological screening and additional archaeological studies, if required. • Cultural Heritage Screening and additional heritage studies, if required. • Ecological study using existing records and field observations. • Geotechnical study to assess soil conditions and stability, if required.
Potential impacts to Treaty/Aboriginal Rights:	• To be determined, based on information received from your community.

We are notifying you of the upcoming project (see attached letter) in hopes that you can assist our project team in determining if your community may hold interest in this project. Your comments are welcome and will be taken into consideration throughout this study.
As new information is made available the Bridge & Transportation Network Study for Four Bridges | Connect CW Township web site will be updated as well as regular notifications.
If you have an interest in this project, please contact one of the Project Team members below. The team is happy to provide additional information, provide opportunities for your community to participate in studies or review project reports, or meet with team members to answer questions and resolve concerns.

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
705-797-4310
andrew.dawson@rjburnside.com

Information will be collected in accordance with the *Municipal Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Sincerely,
Adam Dickieson

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Mishaal Rizwan

From: Mishaal Rizwan
Sent: Tuesday, October 29, 2024 10:12 AM
To: LRCS@sixnations.ca
Cc: dlaforme@sixnations.ca; sngr.chief@sixnations.ca; lonnybomberry@sixnations.ca; Andrew Dawson; Adam Dickieson (Centre Wellington)
Subject: Centre Wellington 5 Bridges EA - Stage 1 & 2 Archaeological Assessment

Sge:no,

I am following up on behalf of the Township of Centre Wellington in regards to the Stage 1 & 2 Archaeological Assessment for Bridges 28-P, 32-P and 33-P, which was undertaken as a follow up to the commitments made within the recently completed Municipal Class Environmental Assessment of Bridges 1-P, 28-P, 30-P, 32-P and 33-P. ***The Stage 1 & 2 assessments have now been completed and have identified that the study areas of the three sites require no further archaeological assessment.***

The Stage 1 & 2 assessment report is available for download in the link below:
056693 - DRAFT Stage 1 and 2 Archaeological Assessment_28-P 32-P 33-P
Note: The file share link above will expire on February 18, 2024. Please download files from the above link prior to this date.

As identified in the Stage 1 & 2 report and the MCEA Project File Report, a Stage 1 Archaeological Assessment was conducted at the three sites (28-P, 32-P and 33-P) where the proposed works are to result in ground disturbance due to bridge replacement. The Stage 1 inspection was completed on March 15, 2024 and identified that the 32-P study area had recent extensive disturbance that required no further archaeological assessment, and that there was marginal archaeological potential at the 28-P and 33-P study areas. As such, a Stage 2 Archaeological Assessment was scheduled for the Bridge 28-P and 33-P study areas and agreements were entered between the Township and Indigenous Communities (HDI, SNGREC, MCFN) to allow field representatives the option to monitor the Stage 2 works. The Stage 2 field work was completed at both sites on July 24th, 2024 with field monitoring conducted by a representative of the Mississauga's of the Credits First Nation. The Stage 2 archaeological assessment did not result in the identification of archaeological materials at either site. As such no further archaeological assessment is recommended for these study areas.

The Township of Centre Wellington would like to provide your community with the opportunity to review the report and provide comment prior to the report being finalized and filed with the Ministry of Citizenship and Multiculturalism. ***Please provide comments on the report prior to November 29, 2024.***

If you could ***please confirm by November 4th, 2024 whether or not you intend to provide comments*** *on the attached report that would be greatly appreciated.*

Nya:weh,

BURNSIDE
Mishaal Rizwan
Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario, N1H 1C4
Office: 800-265-9662 Direct Line: 226-343-7014
www.rjburnside.com

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix B.6

Agency Consultation Records

Crystal Ferguson

From: Crystal Ferguson
Sent: Wednesday, May 15, 2024 4:52 PM
To: Del Villar Cuicas, Joan (MECP)
Cc: Tricia Radburn; Mishaal Rizwan; Andrew Dawson
Subject: Township Centre Wellington - 4 Bridges EA-like Process -Indigenous Communities
Attachments: bridges_map_march_2023.pdf

Good Afternoon Joan,

We have begun working on a bridge project in the Township of Centre Wellington to look at the options for 4 bridges: 2-WG, 7-E, 5-E and 3-E. This project may be exempt from Environmental Assessment and is pending screening of Cultural Heritage value and Archaeological resources. The Township has elected to engage with the Indigenous Communities.

A copy of the approximate study area is attached.

I would like to ask if you could please provide direction on the list of Indigenous communities which may have an interest and should be engaged?

Thank you kindly,

Crystal Ferguson

From: Del Villar Cuicas, Joan (MECP) <Joan.DelVillarCuicas@ontario.ca>
Sent: Tuesday, May 21, 2024 7:50 AM
To: Crystal Ferguson
Subject: RE: Township Centre Wellington - 4 Bridges EA-like Process -Indigenous Communities

Good morning Crystal,

Thank you for your email.

Based on the location and geography, it is reasonable to believe both communities may have an interest in the project.

- **Mississaugas of the Credit**
- **Six Nations of the Grand River (both elected and Haudenosaunee Confederacy Chiefs Council/Haudenosaunee Development Institute)**
    - both the elected council and HCCC claim to represent the Six Nations Community. The HCCC is the traditional council and the SNGR elected was established by Canada pursuant to the *Indian Act*, 1924.

Nothing in this advice should prevent the proponent from reaching out to Indigenous communities with whom they have an established relationship or with whom they are seeking to develop a relationship to get their input/ideas associated with the projects.

This advice was based on the information provided at the time of review. While this project may not trigger the duty to consult, other aspects of the overall work being carried out may. As new information becomes available through, but not limited to public consultation, expressed concern by communities, etc. about how this project may impact rights, the advice provided above may also require re-evaluation.

Regards,

Joan Del Villar Cuicas (she/her)
Regional Environmental Planner
Project Review Unit | Environmental Assessment Branch
Ontario Ministry of the Environment, Conservation and Parks
Joan.delvillarcuicas@ontario.ca|Phone: 365-889-1180

From: Crystal Ferguson <Crystal.Ferguson@rjburnside.com>
Sent: May 15, 2024 4:52 PM
To: Del Villar Cuicas, Joan (MECP) <Joan.DelVillarCuicas@ontario.ca>
Cc: Tricia Radburn <Tricia.Radburn@rjburnside.com>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>; Andrew Dawson <Andrew.Dawson@rjburnside.com>
Subject: Township Centre Wellington - 4 Bridges EA-like Process -Indigenous Communities

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Good Afternoon Joan,

We have begun working on a bridge project in the Township of Centre Wellington to look at the options for 4 bridges: 2-WG, 7-E, 5-E and 3-E. This project may be exempt from Environmental Assessment and is pending screening of Cultural Heritage value and Archaeological resources. The Township has elected to engage with the Indigenous Communities.

A copy of the approximate study area is attached.

I would like to ask if you could please provide direction on the list of Indigenous communities which may have an interest and should be engaged?

Thank you kindly,

BURNSIDE
Crystal Ferguson
Environmental Coordinator

R.J. Burnside & Associates
128 Wellington Street West, Suite 301, Barrie, Ontario L4N 8J6
Office: +1 800-265-9662 Direct: +1 705-797-4352
www.rjburnside.com

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Thank you.

****

Mishaal Rizwan

From:	Mishaal Rizwan
Sent:	Thursday, October 17, 2024 4:14 PM
To:	EA Notices to WCRegion (MECP)
Cc:	Andrew Dawson; Adam Dickieson (Centre Wellington); Del Villar Cuicas, Joan (MECP)
Subject:	Township of Centre Wellington - Notice of Project Screening, Bridge and Transportation Network Study for Bridges 2-WG, 3-E, 5-E and 7-E
Attachments:	241017_CW 4 Bridges_Notice of Project Screening_058117.pdf; 058117_Centre Wellington 4 Bridges ProjectInfoForm.xlsx

Good afternoon,

Please find attached the Notice of Project Screening and Project Information Form for the Bridge and Transportation Network Study for Bridges 2-WG, 3-E, 5-E and 7-E.

Please let us know if you have any questions.

Best regards,

BURNSIDE
Mishaal Rizwan
Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario, N1H 1C4
Office: 800-265-9662 Direct Line: 226-343-7014
www.rjburnside.com

Crystal Ferguson

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Monday, June 17, 2024 4:22 PM
To: abby.laforme@mncfn.ca
Cc: Andrew Dawson
Subject: Upcoming Study of Four Bridges in the Township of Centre Wellington - MNCFN
Attachments: Township of Centre Wellington_Upcoming Study.pdf

Abby,

As discussed on the phone earlier this afternoon, please find attached the four letters that were returned by Canada Post. Moving forward I will correspond with you via email as requested.

Please contact me or Andrew to provide additional information and to provide opportunities for your community to participate in any potential studies or review project reports or meet with team members to answer questions and resolve concerns.

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Centre Wellington

June 11, 2024

Via: Canada Post Registered Mail

Consultation Manager
Mississaugas of the Credit First Nation
4065 Hwy 6
Hagersville, ON
N0A 1H0

Dear Abby LaForme:

Re: Study of Four Bridges in the Township of Centre Wellington
Project No.: 300058117

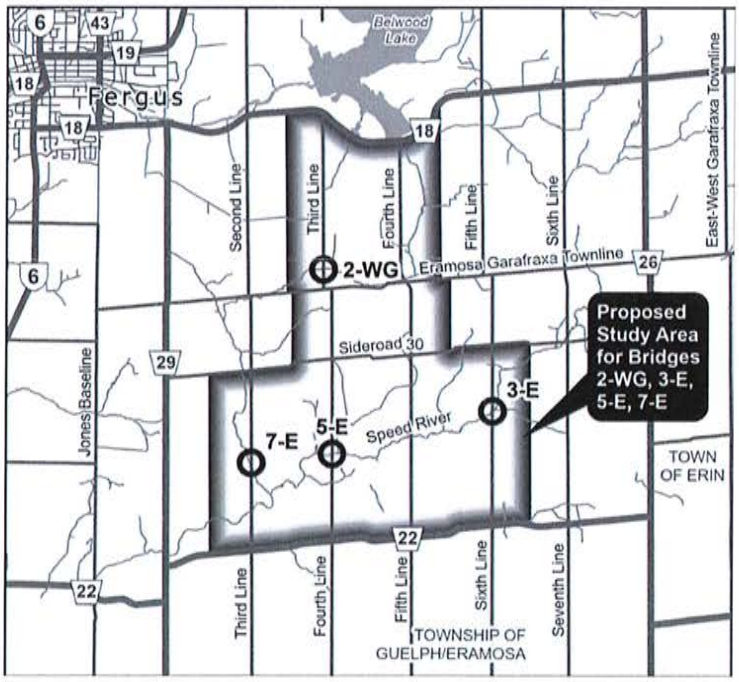
We are writing to inform you of an upcoming study to review **four existing bridges** in the Township of Centre Wellington. The bridges are located southwest of the community of Fergus, as shown in the area on the map below. Each bridge spans a tributary of the Speed River, which is part of the Grand River watershed.

The bridges, are currently in poor or deteriorating condition, as follows:

- Bridge 2-WG: Open with load restrictions
- Bridge 7-E: Temporarily closed due to poor condition
- Bridge 5-E: Temporarily closed due to poor condition
- Bridge 3-E: Temporarily closed due to poor condition

The Township has contracted R.J. Burnside & Associates Limited (Burnside) to evaluate whether each bridge should be:

- Closed permanently;
- Rehabilitated (within minor upgrades and modifications); or
- Reconstructed.



The study will be completed in accordance with **the Municipal Class Environmental Assessment (MCEA) process**. This includes an **Archaeological Assessment**, as required; **plant and wildlife habitat and species at risk** reviews; **cultural heritage** reviews as well as an assessment of any potential impacts to **Aboriginal or Treaty Rights**.

When evaluating whether each bridge should be closed, rehabilitated or reconstructed, the Township will consider archaeological resources, cultural heritage and the natural environment. The study will also assess the impact of closing one or more bridges on the community, how the community is connected, traffic patterns and response time for emergency services.

We recognize the importance of consultation with Mississaugas of the Credit First Nation as part of this study.

If you have an interest in this project, please contact one of the Project Team members below. The team is happy to provide additional information, provide opportunities for your community to participate in any potential studies or review project reports, or meet with team members to answer questions and resolve concerns.

Adam Dickieson Engineering Services Coordinator Township of Centre Wellington 1 MacDonald Square, Elora, ON N0B 1S0 519-846-9691 x 355 adickieson@centrewellington.ca	Andrew Dawson, P. Eng. Consultant Project Manager R.J. Burnside & Associates Ltd. 292 Speedvale Ave W. #20, Guelph, ON N1H 1C4 705-797-4310 andrew.dawson@rjburnside.com

Yours truly,

Township of Centre Wellington
Adam Dickieson
Engineering Services Coordinator

Centre Wellington

June 11, 2024

Via: Canada Post Registered Mail

Chief Claire Sault
Mississaugas of the Credit First Nation
4065 Hwy 6
Hagersville, ON
N0A 1H0

Dear Chief Claire Sault:

Re: Study of Four Bridges in the Township of Centre Wellington
Project No.: 300058117

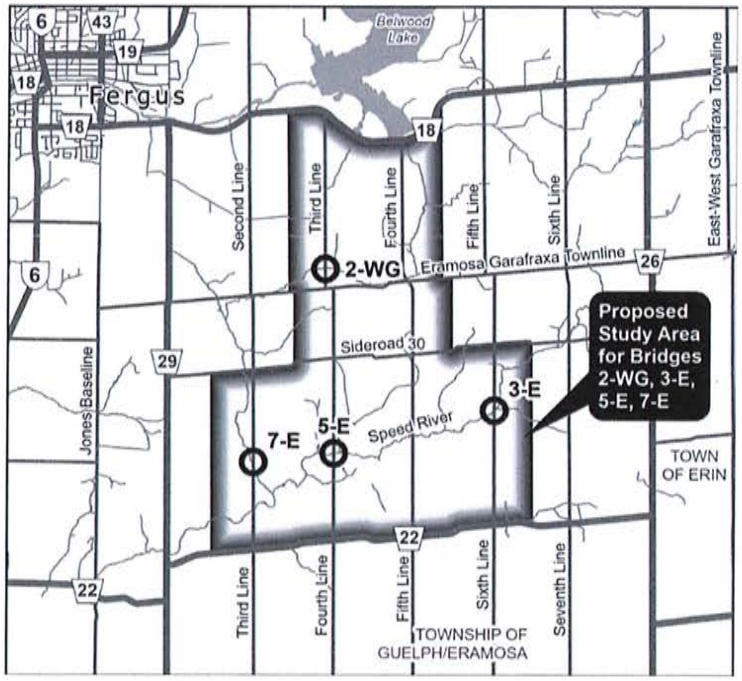
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Yours truly,

Township of Centre Wellington
Adam Dickieson
Engineering Services Coordinator

Centre Wellington

June 11, 2024

Via: Canada Post Registered Mail

Archaeology/FLR Participation Contact
Mississaugas of the Credit First Nation
4065 Hwy 6
Hagersville, ON
N0A 1H0

Dear Adam LaForme:

Re: Study of Four Bridges in the Township of Centre Wellington
Project No.: 300058117

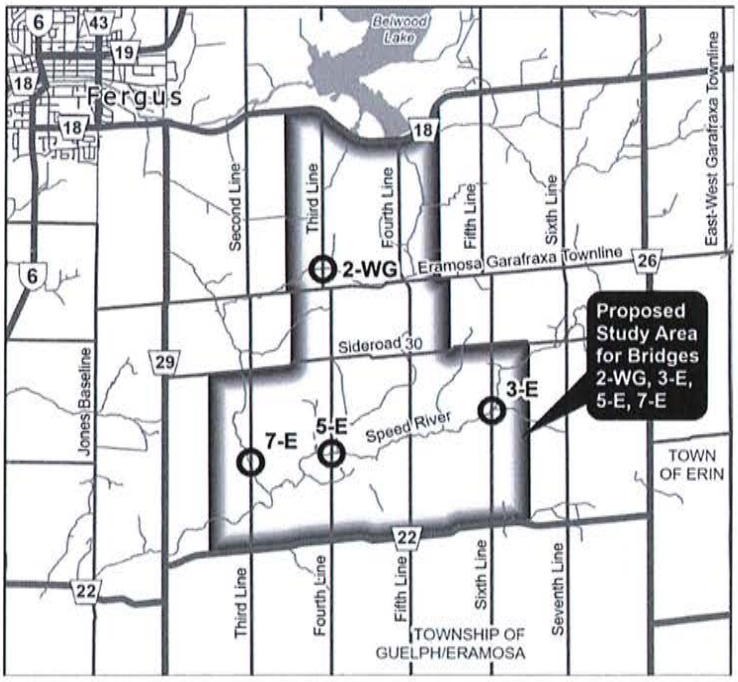
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Adam Dickieson Engineering Services Coordinator Township of Centre Wellington 1 MacDonald Square, Elora, ON N0B 1S0 519-846-9691 x 355 adickieson@centrewellington.ca	Andrew Dawson, P. Eng. Consultant Project Manager R.J. Burnside & Associates Ltd. 292 Speedvale Ave W. #20, Guelph, ON N1H 1C4 705-797-4310 andrew.dawson@rjburnside.com

Yours truly,

Township of Centre Wellington
Adam Dickieson
Engineering Services Coordinator

Centre Wellington

June 11, 2024

Via: Canada Post Registered Mail

Director of Consultation
Mississaugas of the Credit First Nation
4065 Hwy 6
Hagersville, ON
N0A 1H0

Dear Mark LaForme:

Re: Study of Four Bridges in the Township of Centre Wellington
Project No.: 300058117

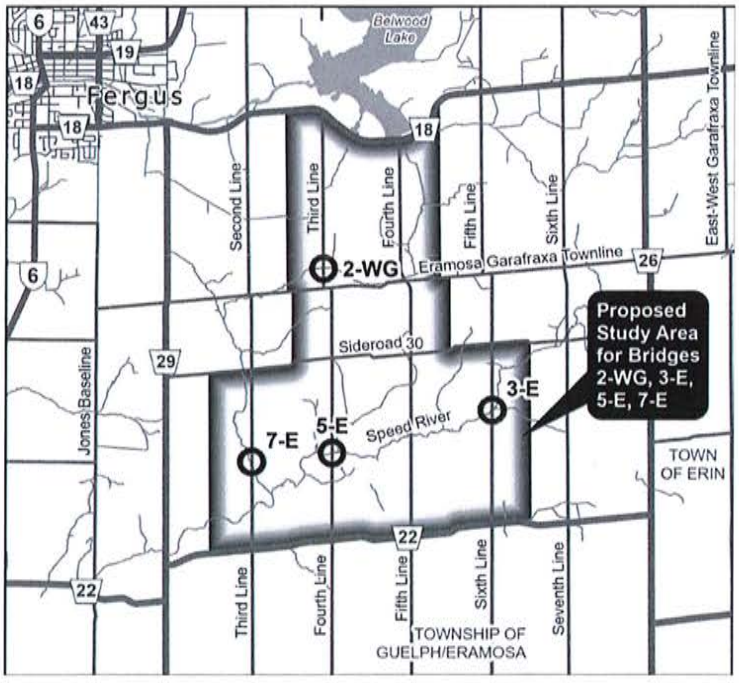
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Adam Dickieson Engineering Services Coordinator Township of Centre Wellington 1 MacDonald Square, Elora, ON N0B 1S0 519-846-9691 x 355 adickieson@centrewellington.ca	Andrew Dawson, P. Eng. Consultant Project Manager R.J. Burnside & Associates Ltd. 292 Speedvale Ave W. #20, Guelph, ON N1H 1C4 705-797-4310 andrew.dawson@rjburnside.com

Yours truly,

Township of Centre Wellington
Adam Dickieson
Engineering Services Coordinator

Crystal Ferguson

From: Abby LaForme <Abby.LaForme@mncfn.ca>
Sent: Tuesday, June 18, 2024 10:16 AM
To: Adam Dickieson
Cc: Andrew Dawson; Mark LaForme; Craig King
Subject: RE: Upcoming Study of Four Bridges in the Township of Centre Wellington - MNCFN

Follow Up Flag: Follow up
Flag Status: Flagged

Good Morning Adam,

Thank you for the phone call and email notification regarding the upcoming study for the Four Bridges in the Township of Centre Wellington.

At this time the Mississaugas of the Credit First Nation (MCFN), Department of Consultation and Accommodation (DOCA) have a lack of compacity when it comes to any Environmental work.
Please forward the completed MCEA Report when available.

Please note, that with any Archaeological work that intends to be done, MCFN DOCA must be notified and kept informed.
Please contact Adam LaForme- MCFN DOCA, Archaeological Operations Supervisor (Adam.LaForme@mncfn.ca) with any inquiries regarding the MCFN DOCA Archaeological Process and MCFN DOCA Field Monitor involvement.

Thank you again for the phone call yesterday, have a great day!

Abby (LaForme) Lee
Consultation Officer

Mississaugas of the Credit First Nation (MCFN)
Department of Consultation & Accommodation (DOCA)
4065 Highway 6, Hagersville, ON N0A 1H0
Ph: (905) 768 – 4260
Email: Abby.LaForme@mncfn.ca

Please Note- If a digital copy of your notification has been sent, please be environmentally conscious and do not send a physical, copy. Thank you!

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Monday, June 17, 2024 4:22 PM
To: Abby LaForme <Abby.LaForme@mncfn.ca>
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Subject: Upcoming Study of Four Bridges in the Township of Centre Wellington - MNCFN

Abby,

As discussed on the phone earlier this afternoon, please find attached the four letters that were returned by Canada Post. Moving forward I will correspond with you via email as requested.

Please contact me or Andrew to provide additional information and to provide opportunities for your community to participate in any potential studies or review project reports or meet with team members to answer questions and resolve concerns.

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Crystal Ferguson

From: Andrew Dawson
Sent: Wednesday, August 07, 2024 9:58 PM
To: Abby LaForme; Adam LaForme
Cc: Mark LaForme; Craig King; Mishaal Rizwan; Crystal Ferguson; Tricia Radburn; Adam Dickieson
Subject: RE: Upcoming Study of Four Bridges in the Township of Centre Wellington - MNCFN

Abby / Adam,

I understand that the MCFN has limited capacity and has only requested that the project report be circulated to you when it is available; however, I wanted to pass along the draft Stage 1 Archaeological Assessment report to provide you the opportunity for comment, as you had indicated that Adam should be kept informed of any archaeological works.

For the sake of inclusiveness, I am also passing along the draft Cultural Heritage Evaluation Report, as it has been passed along to other communities for their review and comment as well.

The draft Cultural Heritage Evaluation Report and Stage 1 Archaeological Assessment are available for download at the link below for your records/review:
058117 - CHER and Stage 1 AA

As identified in the attached reports, all sites were found to have low archaeological potential due to previous disturbances of the original bridge construction and no further archaeological investigations have been recommended.

For the CHER, bridge 3E has been found to have built cultural heritage and a Heritage Impact Assessment (HIA) is currently being undertaken. We will share the results of the HIA once complete.

Can you please confirm whether you will be reviewing the documents and if you have any comments on the information included. Most importantly, if you could confirm whether you have any knowledge of archaeological sites or historically documented evidence of past aboriginal use of the sites that have not been identified within the reports, that would be greatly appreciated? We request that you please provide your comments or confirmation of acceptance by **August 15, 2024**.

Please feel free to give me a call if you have any questions

Regards,
Andrew Dawson

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Abby LaForme <Abby.LaForme@mncfn.ca>
Sent: Tuesday, June 18, 2024 10:16 AM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Mark LaForme <Mark.LaForme@mncfn.ca>; Craig King <Craig.King@mncfn.ca>
Subject: RE: Upcoming Study of Four Bridges in the Township of Centre Wellington - MNCFN

Good Morning Adam,

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Please forward the completed MCEA Report when available.

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Thank you again for the phone call yesterday, have a great day!

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Consultation Officer

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Department of Consultation & Accommodation (DOCA)
4065 Highway 6, Hagersville, ON N0A 1H0
Ph: (905) 768 – 4260
Email: Abby.LaForme@mncfn.ca

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Regards,
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Adam Dickieson | Engineering Services Coordinator

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519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Crystal Ferguson

From: Adam LaForme <Adam.LaForme@mncfn.ca>
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To: Andrew Dawson; Abby LaForme
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Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Crystal Ferguson

From: Andrew Dawson
Sent: Thursday, August 08, 2024 10:29 AM
To: Adam LaForme
Cc: Mark LaForme; Craig King; Mishaal Rizwan; Crystal Ferguson; Tricia Radburn; Adam Dickieson; Abby LaForme
Subject: RE: Upcoming Study of Four Bridges in the Township of Centre Wellington - MNCFN

Adam,
Thanks for getting back to me so promptly! I understand your concerns regarding commitments and capacity and if you can provide comments by August 29, that is acceptable on our end.
Thanks so much!

Andrew

Andrew Dawson
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Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Crystal Ferguson

From: Abby LaForme <Abby.LaForme@mncfn.ca>
Sent: Wednesday, August 14, 2024 10:01 AM
To: Andrew Dawson
Cc: Mark LaForme; Craig King; Mishaal Rizwan; Crystal Ferguson; Tricia Radburn; Adam Dickieson; Darin Wybenga; Adam LaForme
Subject: RE: Upcoming Study of Four Bridges in the Township of Centre Wellington - MNCFN

Good Morning Andrew,

Please see the comments provided by Darin Wybenga- MCFN DOCA, Heritage Interpreter;

Thank you for sending the **Cultural Heritage Evaluation Report, Municipal Class Environmental Assessment, Bridges 2-WG, 3-E, 5-E and &-E, Township of Centre Wellington, Ontario** dated June 18, 2024 and completed by Parslow Heritage Consultancy Inc. and R.J. Burnside & Associates Ltd.

1. I read the report and concur with its findings.
2. I did note an inconsistency on pg. 24 of the report when in answer to question 7: "The property has contextual value because it is important in defining, maintaining or supporting the character of an area" the paragraph in answer indicates that Bridge 3-E "is important to maintaining and supporting the character of the area and reflecting the once prominent use of the bowstring design in Wellington County."; yet in bold type it is stated the "Criteria not met".
3. Somewhere in the report it would be appropriate to indicate that "This Cultural Heritage Evaluation Report was written for projects located on the Treaty lands and Territory of the Mississaugas of the Credit First Nation and the traditional territory of the Haudenosaunee and the AttiwandaronK". Such a statement need not be included in the main body of the report, but could perhaps be included elsewhere to indicate recognition of First Nations' presence on the land prior to the arrival of the settlers.

Thank you

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Hi Adam,
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Mississaugas of the Credit First Nation (MCFN)
Department of Consultation and Accommodation (DOCA)
4065 Highway 6 North, Hagersville, ON N0A 1H0

Cell 289-527-2763

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Sent: Wednesday, August 7, 2024 9:58 PM
To: Abby LaForme <Abby.LaForme@mncfn.ca>; Adam LaForme <Adam.LaForme@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Craig King <Craig.King@mncfn.ca>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>
Subject: RE: Upcoming Study of Four Bridges in the Township of Centre Wellington - MNCFN

Abby / Adam,

I understand that the MCFN has limited capacity and has only requested that the project report be circulated to you when it is available; however, I wanted to pass along the draft Stage 1 Archaeological Assessment report to provide you the opportunity for comment, as you had indicated that Adam should be kept informed of any archaeological works.

For the sake of inclusiveness, I am also passing along the draft Cultural Heritage Evaluation Report, as it has been passed along to other communities for their review and comment as well.

The draft Cultural Heritage Evaluation Report and Stage 1 Archaeological Assessment are available for download at the link below for your records/review:
058117 - CHER and Stage 1 AA

As identified in the attached reports, all sites were found to have low archaeological potential due to previous disturbances of the original bridge construction and no further archaeological investigations have been recommended.

For the CHER, bridge 3E has been found to have built cultural heritage and a Heritage Impact Assessment (HIA) is currently being undertaken. We will share the results of the HIA once complete.

Can you please confirm whether you will be reviewing the documents and if you have any comments on the information included. Most importantly, if you could confirm whether you have any knowledge of archaeological sites or historically documented evidence of past aboriginal use of the sites that have not been identified within the reports, that would be greatly appreciated? We request that you please provide your comments or confirmation of acceptance by **August 15, 2024**.

Please feel free to give me a call if you have any questions

Regards,
Andrew Dawson

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Abby LaForme <Abby.LaForme@mncfn.ca>
Sent: Tuesday, June 18, 2024 10:16 AM
To: Adam Dickieson <ADickieson@centrewellington.ca>
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Mark LaForme <Mark.LaForme@mncfn.ca>; Craig King

<Craig.King@mncfn.ca>
Subject: RE: Upcoming Study of Four Bridges in the Township of Centre Wellington - MNCFN

Good Morning Adam,

Thank you for the phone call and email notification regarding the upcoming study for the Four Bridges in the Township of Centre Wellington.

At this time the Mississaugas of the Credit First Nation (MCFN), Department of Consultation and Accommodation (DOCA) have a lack of compacity when it comes to any Environmental work.
Please forward the completed MCEA Report when available.

Please note, that with any Archaeological work that intends to be done, MCFN DOCA must be notified and kept informed.
Please contact Adam LaForme- MCFN DOCA, Archaeological Operations Supervisor (Adam.LaForme@mncfn.ca) with any inquiries regarding the MCFN DOCA Archaeological Process and MCFN DOCA Field Monitor involvement.

Thank you again for the phone call yesterday, have a great day!

Abby (LaForme) Lee
Consultation Officer

Mississaugas of the Credit First Nation (MCFN)
Department of Consultation & Accommodation (DOCA)
4065 Highway 6, Hagersville, ON N0A 1H0
Ph: (905) 768 – 4260
Email: Abby.LaForme@mncfn.ca

Please Note- If a digital copy of your notification has been sent, please be environmentally conscious and do not send a physical, copy. Thank you!

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Monday, June 17, 2024 4:22 PM
To: Abby LaForme <Abby.LaForme@mncfn.ca>
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Subject: Upcoming Study of Four Bridges in the Township of Centre Wellington - MNCFN

Abby,

As discussed on the phone earlier this afternoon, please find attached the four letters that were returned by Canada Post. Moving forward I will correspond with you via email as requested.

Please contact me or Andrew to provide additional information and to provide opportunities for your community to participate in any potential studies or review project reports or meet with team members to answer questions and resolve concerns.

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Crystal Ferguson

From: Andrew Dawson
Sent: Thursday, August 29, 2024 12:55 PM
To: Adam LaForme; Abby LaForme
Cc: Mark LaForme; Craig King; Mishaal Rizwan; Crystal Ferguson; Tricia Radburn; Adam Dickieson
Subject: RE: Upcoming Study of Four Bridges in the Township of Centre Wellington - MNCFN

Adam,
Thank you very much! Your time reviewing the document and response is greatly appreciated!
We will provide you with the overall Project File Report once it is complete, as per Abby's original request.
If there is any other information you would like prior to the final Project File Report, please let us know as soon as possible.

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Adam LaForme <Adam.LaForme@mncfn.ca>
Sent: Thursday, August 29, 2024 12:53 PM
To: Andrew Dawson <Andrew.Dawson@rjburnside.com>; Abby LaForme <Abby.LaForme@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Craig King <Craig.King@mncfn.ca>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>
Subject: RE: Upcoming Study of Four Bridges in the Township of Centre Wellington - MNCFN

Good Afternoon Andrew,

Thank you for sharing the Township of Centre Wellington Stage 1 Archaeological Assessment report for the Four Bridges project.

I have reviewed the report and have no questions or concerns with its conclusions.

Kind regards,

Adam LaForme (he/him)
Manager of Archaeology
Mississaugas of the Credit First Nation (MCFN)
Department of Consultation and Accommodation (DOCA)
4065 Highway 6 North, Hagersville, ON N0A 1H0
Cell 289-527-2763

From: Andrew Dawson <Andrew.Dawson@rjburnside.com>
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To: Abby LaForme <Abby.LaForme@mncfn.ca>; Adam LaForme <Adam.LaForme@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Craig King <Craig.King@mncfn.ca>; Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>; Crystal Ferguson <Crystal.Ferguson@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Adam Dickieson <ADickieson@centrewellington.ca>
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Please feel free to give me a call if you have any questions

Regards,
Andrew Dawson

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

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To: Adam Dickieson <ADickieson@centrewellington.ca>
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Subject: RE: Upcoming Study of Four Bridges in the Township of Centre Wellington - MNCFN

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Thank you again for the phone call yesterday, have a great day!

Abby (LaForme) Lee
Consultation Officer

Mississaugas of the Credit First Nation (MCFN)
Department of Consultation & Accommodation (DOCA)
4065 Highway 6, Hagersville, ON N0A 1H0
Ph: (905) 768 – 4260
Email: Abby.LaForme@mncfn.ca

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From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Monday, June 17, 2024 4:22 PM
To: Abby LaForme <Abby.LaForme@mncfn.ca>
Cc: Andrew Dawson <Andrew.Dawson@rjburnside.com>
Subject: Upcoming Study of Four Bridges in the Township of Centre Wellington - MNCFN

Abby,

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Please contact me or Andrew to provide additional information and to provide opportunities for your community to participate in any potential studies or review project reports or meet with team members to answer questions and resolve concerns.

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Mishaal Rizwan

From:	Mishaal Rizwan
Sent:	Tuesday, October 29, 2024 10:12 AM
To:	Mark LaForme
Cc:	claires@mncfn.ca; abby.laforme@mncfn.ca; adam.laforme@mncfn.ca; Andrew Dawson; Adam Dickieson (Centre Wellington)
Subject:	Centre Wellington 5 Bridges EA - Stage 1 & 2 Archaeological Assessment

Sge:no,

I am following up on behalf of the Township of Centre Wellington in regards to the Stage 1 & 2 Archaeological Assessment for Bridges 28-P, 32-P and 33-P, which was undertaken as a follow up to the commitments made within the recently completed Municipal Class Environmental Assessment of Bridges 1-P, 28-P, 30-P, 32-P and 33-P. ***The Stage 1 & 2 assessments have now been completed and have identified that the study areas of the three sites require no further archaeological assessment.***

The Stage 1 & 2 assessment report is available for download in the link below:
056693 - DRAFT Stage 1 and 2 Archaeological Assessment_28-P 32-P 33-P
Note: The file share link above will expire on February 18, 2024. Please download files from the above link prior to this date.

As identified in the Stage 1 & 2 report and the MCEA Project File Report, a Stage 1 Archaeological Assessment was conducted at the three sites (28-P, 32-P and 33-P) where the proposed works are to result in ground disturbance due to bridge replacement. The Stage 1 inspection was completed on March 15, 2024 and identified that the 32-P study area had recent extensive disturbance that required no further archaeological assessment, and that there was marginal archaeological potential at the 28-P and 33-P study areas. As such, a Stage 2 Archaeological Assessment was scheduled for the Bridge 28-P and 33-P study areas and agreements were entered between the Township and Indigenous Communities (HDI, SNGREC, MCFN) to allow field representatives the option to monitor the Stage 2 works. The Stage 2 field work was completed at both sites on July 24th, 2024 with field monitoring conducted by a representative of the Mississauga's of the Credits First Nation. The Stage 2 archaeological assessment did not result in the identification of archaeological materials at either site. As such no further archaeological assessment is recommended for these study areas.

The Township of Centre Wellington would like to provide your community with the opportunity to review the report and provide comment prior to the report being finalized and filed with the Ministry of Citizenship and Multiculturalism. ***Please provide comments on the report prior to November 29, 2024.***

If you could ***please confirm by November 4th, 2024 whether or not you intend to provide comments*** *on the attached report that would be greatly appreciated.*

Nya:weh,

BURNSIDE
Mishaal Rizwan
Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario, N1H 1C4
Office: 800-265-9662 Direct Line: 226-343-7014
www.rjburnside.com

May 31, 2024

Emergency Response Review
Four Bridge Environmental Assessment for Bridges 2-WG, 3-E, 5-E and 7-E (EA)

On May 16, 2024 Adam Dickieson, Engineering Services Coordinator, Infrastructure Services (TCW) met with Tom Mulvey, Fire Chief and Johathan Karn, Deputy Fire Chief of Centre Wellington Fire Rescue to discuss impacts of emergency response to calls in the area of the four bridges in the EA study area of 2-WG, 3-E, 5-E and 7-E (see the study area map attached).

One item discussed was, how do local Centre Wellington emergency calls get dispatched? It was explained by Tom and Jonathan, that the Ontario Provincial Police (OPP) receives all 911 emergency calls. If a 911 call was determined to require Centre Wellington Fire Rescue services, they would be then dispatched by Guelph Fire.

Ambulance services are dispatched from Guelph-Wellington Paramedic Service. The ambulance responders use County of Wellington Mapping Data to determine the route and responders to be dispatched.

When Centre Wellington Fire Rescue are dispatched to any call in Centre Wellington, the response team lead refers to the Centre Wellington Road Closures mapping (https://experience.arcgis.com/experience/8ca652ff3dbb4849b802f0b149552e62/) ahead of leaving a station to an emergency callout. This mapping data is updated with any road closure information as it presented to the Township. The Infrastructure Services Department ensures that up to date road closure information is reflected on both the Centre Wellington Road Closures mapping and Municipal 511 mapping (https://www.municipal511.ca/) as soon as it is presented.

It was stated by Tom that Centre Wellington Fire Rescue determine most efficient routes at the time of a call based on road closures and bridge restrictions / closures. Dependent upon the location of the call, responders may have been able to travel faster, if Township bridges were not restricted or closed. This is to say that, if a closed of restricted structure was found to be detrimental to accessing a call or not, would have to be determined on case by case basis .

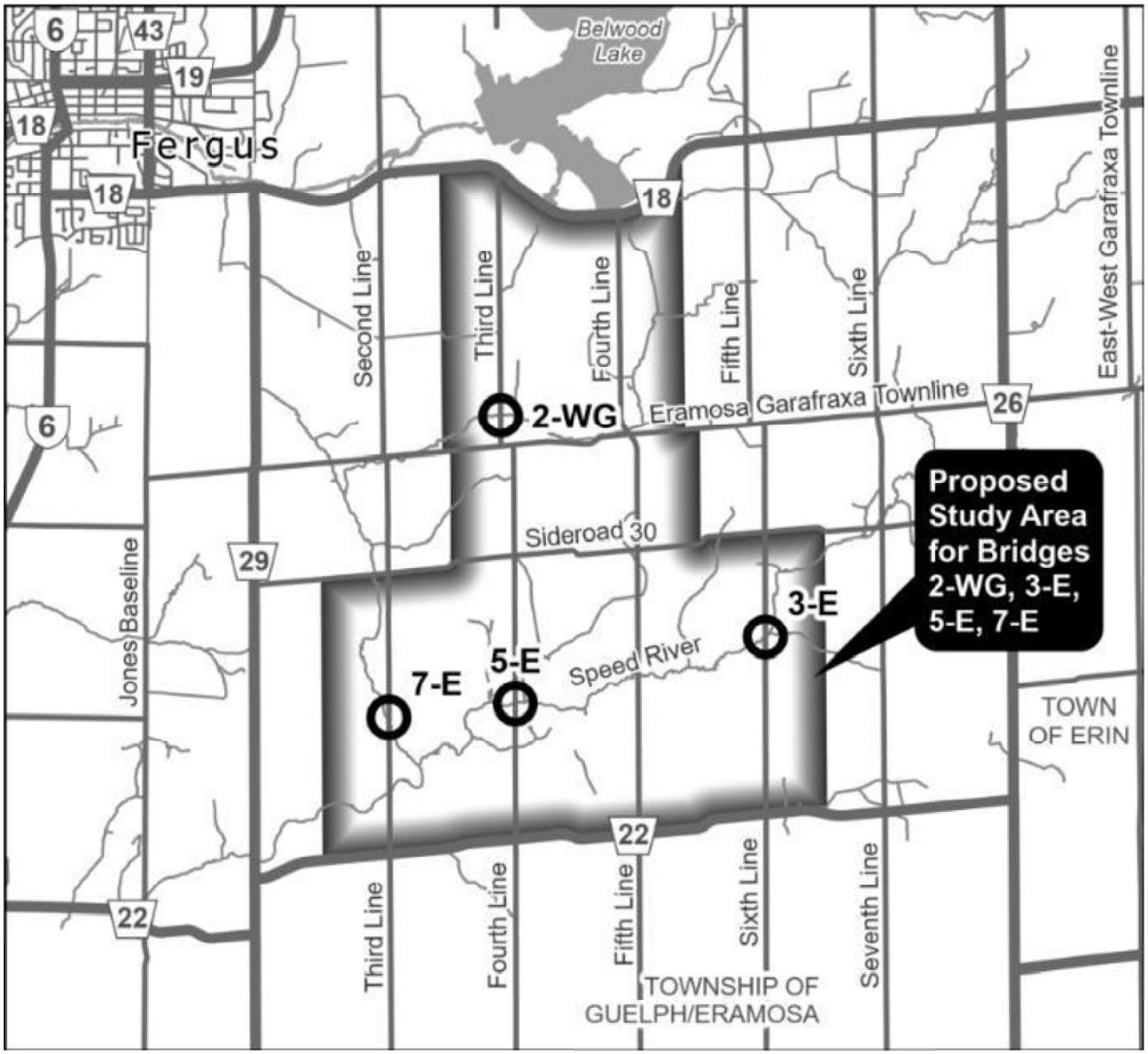
Other Points of Discussion

In the summer of 2024 Bridge 4-E, on the Fifth Line (former Eramosa Township) is planned for a full closure for bridge rehabilitation construction (refer to the 2024 Centre Wellington Structure Locations & Conditions map attached). The closure is scheduled between June 13 and October 31, 2024. Because the 4-E bridge temporary closure is within an area with multiple existing closures this maybe found to be a greater issue for Centre Wellington Fire Rescue response in the EA study area. If an emergency call is to occur south of the closed bridges, Wellington Road 22 will be used to access these properties. Tom was interested in determining if any

planned work or closures were scheduled on Wellington Road 22 this summer. Since the time of the meeting Adam spoke with Trevor Carney, Area Foreman, County of Wellington Roads Department. Trevor explained that there is no major works scheduled on Wellington Road 22 between Wellington Road 29 and Wellington Road 26 within the area of concern this year.

Also discussed were the plans to replace the superstructure at bridge 3-WG in the summer of 2025. Having this bridge site closed in 2025 will also compromise emergency response routes in the north/south direction of the EA study area.

Study Area Map
Four Bridge Environmental Assessment for Bridges 2-WG, 3-E, 5-E and 7-E (EA)



Tricia Radburn

From: Adam Dickieson <ADickieson@centrewellington.ca>
Sent: Monday, June 24, 2024 1:59 PM
To: Mariana Iglesias
Cc: Andrew Dawson; Tricia Radburn
Subject: Bridge & Transportation Network Study for Four Bridges in former Eramosa and West Garafraxa Township : Study Initiation - Heritage CW
Attachments: IS2024-26_FINAL.pdf

Mariana,

As discussed this afternoon, please note that Infrastructure Services is taking on another study to determine the next steps to identify and evaluate alternative solutions to address the deteriorated condition of four Centre Wellington bridges. The attached report was part of the June 10th, 2024 Council meeting agenda. This attached report provides additional details regarding the study area and the locations of the existing structures.

Next steps in the study that may interest the Heritage Centre Wellington include, completing a Cultural Heritage Evaluation Report (CHER) followed by preparing a Heritage Impact Assessment (HIA) study of those bridges found to have cultural heritage significance. These studies will be completed consecutively with the HIA anticipated to be completed this fall.

Also note that some of these bridges are found in the Arch, Truss & Beam – The Grand River Watershed Heritage Bridge Inventory, March 2013.

We will provide a project update to you and Heritage Centre Wellington with findings from the HIA this fall when it has been completed. Let me know if there is any additional information I can provide regarding this study at this time. This is a link to the https://www.connectcw.ca/bridge-transportation-network-study-four-bridges project page that will be updated as new information is prepared.

Regards,
Adam.

Adam Dickieson | Engineering Services Coordinator

Township of Centre Wellington | 1 MacDonald Square, Elora, ON N0B 1S0
519.846.9691 x355 centrewellington.ca

Office located at: 7444 Wellington Road #21, Elora, ON N0B 1S0

Crystal Ferguson

From: Mishaal Rizwan
Sent: Friday, July 12, 2024 5:03 PM
To: lwarner@grandriver.ca; theywood@grandriver.ca; dboyd@grandriver.ca
Cc: Andrew Dawson; adickieson@centrewellington.ca
Subject: Township of Centre Wellington Notice of Public Open House Bridge and Transportation Network Study for Four Bridges
Attachments: 058117_Notice of POH (1).pdf

Good afternoon,

On behalf of the Township of Centre Wellington, please find attached the Notice of Public Open House for the Bridge and Transportation Network Study for Four Bridges.

If you have any questions, please contact one of the project team members:

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
705-797-4310
andrew.dawson@rjburnside.com

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Thank you.

****

Crystal Ferguson

From: Mishaal Rizwan
Sent: Friday, July 12, 2024 5:03 PM
To: amy.villeneuve@ugdsb.on.ca; michael.glazier@wellingtoncdsb.ca
Cc: Andrew Dawson; adickieson@centrewellington.ca
Subject: Township of Centre Wellington Notice of Public Open House Bridge and Transportation Network Study for Four Bridges
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Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
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Thank you.

****

Crystal Ferguson

From: Mishaal Rizwan
Sent: Friday, July 12, 2024 5:03 PM
To: ahmad.nouman@hydroone.com; william.downes1@bell.ca; katelyn.creed@bell.ca
Cc: Andrew Dawson; adickieson@centrewellington.ca
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Thank you.

****

Mishaal Rizwan

From: Andrew Dawson
Sent: Wednesday, December 04, 2024 2:24 PM
To: Trevor Heywood
Cc: Mishaal Rizwan; adickieson@centrewellington.ca; Tricia Radburn
Subject: RE: Township of Centre Wellington, Notice for Public Open House 2 - Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E, & 7E)
Attachments: 4 Bridges POH2_Online Presentation_PDF.pdf; 4 Bridges POH2_Online Presentation_PDF with notes.pdf

Trevor,
The Public Open House #2 online presentation and information boards have been posted to the Townships' ConnectCW website, here:
https://www.connectcw.ca/bridge-transportation-network-study-four-bridges

I've also attached a version of the slides in PDF, with and without notes for your file.

Further, of interest to you may be the Natural Heritage Report which is available at the link here: Centre Wellington Bridge and Transportation Network Study - Natural Heritage Report

Regards,
Andrew

Andrew Dawson
Project Engineer
R.J. Burnside & Associates Limited | www.rjburnside.com
Office: +1 800-265-9662 Direct: +1 705-797-4310

From: Andrew Dawson
Sent: Monday, December 02, 2024 10:49 AM
To: 'Trevor Heywood' <theywood@grandriver.ca>; adickieson@centrewellington.ca
Cc: Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Subject: RE: Township of Centre Wellington, Notice for Public Open House 2 - Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E, & 7E)

Trevor,
A copy of the slides and a link to the online version of a narrated presentation will be sent along for your review once it is posted online (in the next day or two, following tonight's presentation).

Thanks,
Andrew

From: Trevor Heywood <theywood@grandriver.ca>
Sent: Monday, December 02, 2024 9:24 AM
To: adickieson@centrewellington.ca; Andrew Dawson <Andrew.Dawson@rjburnside.com>
Cc: Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Subject: Re: Township of Centre Wellington, Notice for Public Open House 2 - Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E, & 7E)

Good morning,

Just checking in again, hoping we could get a copy of the slides.

Thanks,
Trevor

Trevor Heywood

Resource Planner

Grand River Conservation Authority

From: Trevor Heywood <theywood@grandriver.ca>
Sent: Thursday, November 14, 2024 3:24 PM
To: adickieson@centrewellington.ca <ADickieson@centrewellington.ca>; Andrew Dawson <Andrew.Dawson@rjburnside.com>
Cc: Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Subject: Re: Township of Centre Wellington, Notice for Public Open House 2 - Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E, & 7E)

Hi Adam, Andrew,

GRCA will not attend, but we ask that copies of the slides are sent our way for review and comment.

Thanks,

Trevor Heywood B.Sc.(Env.)

Resource Planner

Grand River Conservation Authority

400 Clyde Road, PO Box 729

Cambridge, ON N1R 5W6

Phone: 519-621-2761 ext. 2292

Email: theywood@grandriver.ca

www.grandriver.ca | Connect with us on social media

From: Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Sent: Thursday, November 14, 2024 2:31 PM
To: kokane@centrewellington.ca <kokane@centrewellington.ca>; dwilson@centrewellington.ca

<dwilson@centrewellington.ca>; kmartin@centrewellington.ca <kmartin@centrewellington.ca>; jgaddye@centrewellington.ca <jgaddye@centrewellington.ca>; miglesias@centrewellington.ca <miglesias@centrewellington.ca>; bsalmon@centrewellington.ca <bsalmon@centrewellington.ca>; amcnabb@centrewellington.ca <amcnabb@centrewellington.ca>; pnewson@centrewellington.ca <pnewson@centrewellington.ca>; cbaker@centrewellington.ca <cbaker@centrewellington.ca>; tmulvey@centrewellington.ca <tmulvey@centrewellington.ca>; jkarn@centrewellington.ca <jkarn@centrewellington.ca>; cpellizzari@centrewellington.ca <cpellizzari@centrewellington.ca>; skoestner@centrewellington.ca <skoestner@centrewellington.ca>; huraniam@wellington.ca <huraniam@wellington.ca>; sherry.hoysa@guelph.ca <sherry.hoysa@guelph.ca>; Carly.McKeown@opp.ca <Carly.McKeown@opp.ca>; Trevor Heywood <theywood@grandriver.ca>; Dwight Boyd <dboyd@grandriver.ca>; amy.villeneuve@ugdsb.on.ca <amy.villeneuve@ugdsb.on.ca>; michael.glazier@wellingtoncdsb.ca <michael.glazier@wellingtoncdsb.ca>
Cc: Adam Dickieson (Centre Wellington) <adickieson@centrewellington.ca>; Andrew Dawson <Andrew.Dawson@rjburnside.com>
Subject: Township of Centre Wellington, Notice for Public Open House 2 - Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E, & 7E)

Good afternoon,

On behalf of the Township of Centre Wellington, please find attached the Notice for Public Open House #2 for the Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E, & 7E).

December 2, 2024, 6:00 pm – 8:00 pm
Centre Wellington Community Sportsplex – Gord Brown Hall
550 Belsyde Avenue East, Fergus

If you have any questions about the study, please contact one of the Project Team members below:

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
705-797-4310
andrew.dawson@rjburnside.com

Best regards,

BURNSIDE
Mishaal Rizwan
Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20, Guelph, Ontario, N1H 1C4
Office: 800-265-9662 Direct Line: 226-343-7014
www.rjburnside.com

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Administration Centre: 400 Clyde Road, P.O. Box 729 Cambridge, ON N1R 5W6

Phone: 519-621-2761 Toll free: 1-866-900-4722 Fax: 519-621-4844 www.grandriver.ca

January 7, 2025

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square
Elora ON N0B 1S0
adickieson@centrewellington.ca

Andrew Dawson
Project Manager
R.J. Burnside & Associates
20-292 Speedvale Avenue West
Guelph ON N1H 1C4
andrew.dawson@rjburnside.com

Re: Study for Bridges 2-WG, 3-E, 5-E & 7-E ("Four Speed River Bridges")
3rd / 4th / 6th Line, Centre Wellington

Dear Adam Dickieson and Andrew Dawson,

Grand River Conservation Authority (GRCA) staff have reviewed the Public Information Centre 2 materials for the above-noted application, including the Natural Heritage Report (RJ Burnside and Associates, November 2024).

The GRCA has reviewed this application under Ontario Regulation 686/21, acting on behalf of the Province regarding natural hazards identified in Section 5.2 of the Provincial Planning Statement (PPS, 2024), as a public body under the Planning Act, as well as in accordance with Ontario Regulation 41/24 and GRCA's Board approved policies.

Information currently available at our office indicates that the project area contains the Speed River and its tributaries, as well as their associated floodplains and wetlands. We understand the preliminary preferred alternative is to replace Bridges 2-WG, 5-E and 7-E, as well as close Bridge 3-E to vehicular traffic and construct turnarounds. We offer the following comments as the Township finalizes the Class EA and moves to detailed design:

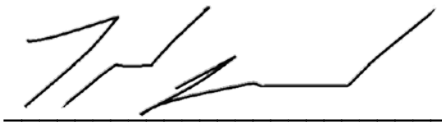
1. We request a hydraulic assessment for replacing Bridges 2-WG, 5-E and 7-E, and potentially for constructing the turnarounds for Bridge 3-E to verify compliance with GRCA policies 8.1.15-8.1.16. We encourage the Township to try matching the new bridge crossings' hydraulic capacity to existing conditions (e.g. opening size, vertical roadway profile) to avoid negative impacts to the floodplain and/or wetlands. This would also help scope the hydraulic assessment.

2. The Natural Heritage Report provides generic recommendations for impact avoidance and mitigation. We request that the report is referenced in / revised to a full environmental impact study during detailed design, in accordance with GRCA Policy 8.4.7. This is to support detailed design of the bridges, characterize potential impacts, and avoid / minimize / mitigate wetland impacts (in that hierarchical order).
    a. The Natural Heritage Report correctly notes that wetland limits are to be verified with GRCA staff. Please arrange this with GRCA staff during the 2025 growing season (May to September). The wetland boundary must be flagged by a qualified person prior to the site visit.

3. We request a fluvial geomorphology assessment to address GRCA Policy 8.9.2, which requires that "crossing structures avoid the Riverine Erosion Hazard in order to accommodate natural watercourse movement, wherever possible."

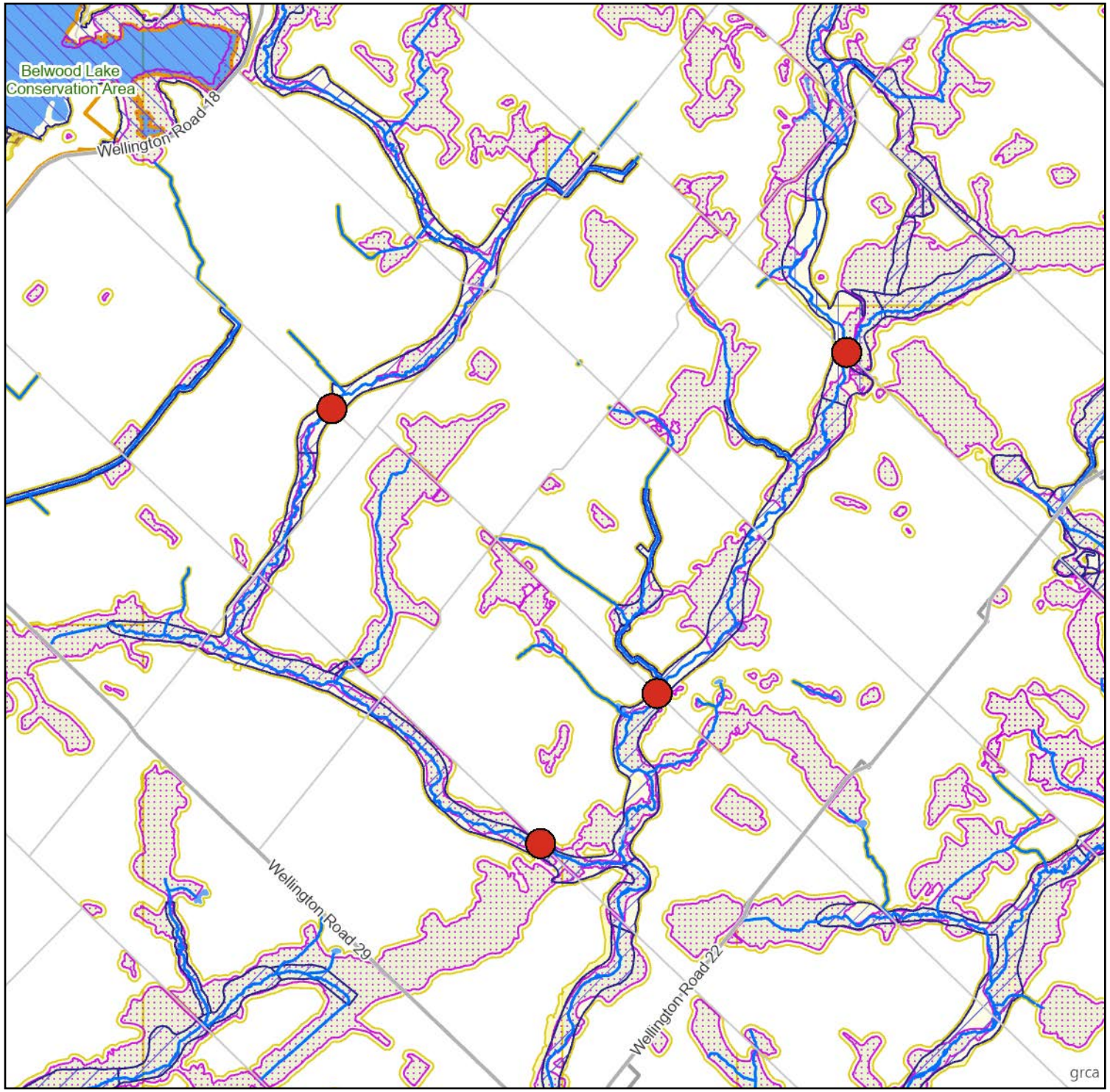
We trust this information is of assistance. If you have any questions or require additional information, please contact me at 519-621-2761 ext. 2292 or theywood@grandriver.ca.

Sincerely,



Trevor Heywood
Resource Planner
Grand River Conservation Authority

Encl. Resource Mapping



Grand River Conservation Authority

Date: Dec 02, 2024
Author: TH

Four Speed River Bridges, Centre Wellington

Overall

Legend

- Regulation Limit (GRCA)
- Floodplain (GRCA)
  - Engineered
  - Estimated
  - Approximate
- Floodplain - Special Policy Area (GRCA)
- Slope Erosion (GRCA)
  - Steep
  - Oversteep
  - Toe
- Slope Valley (GRCA)
  - Steep
  - Oversteep
- Regulated Watercourse (GRCA)
- Regulated Waterbody (GRCA)
- Wetland (GRCA)
- Lake Erie Flood (GRCA)
- Lake Erie Shoreline Reach (GRCA)
- Lake Erie Dynamic Beach (GRCA)
- Lake Erie Erosion (GRCA)
- Conservation Area Boundary (GRCA)

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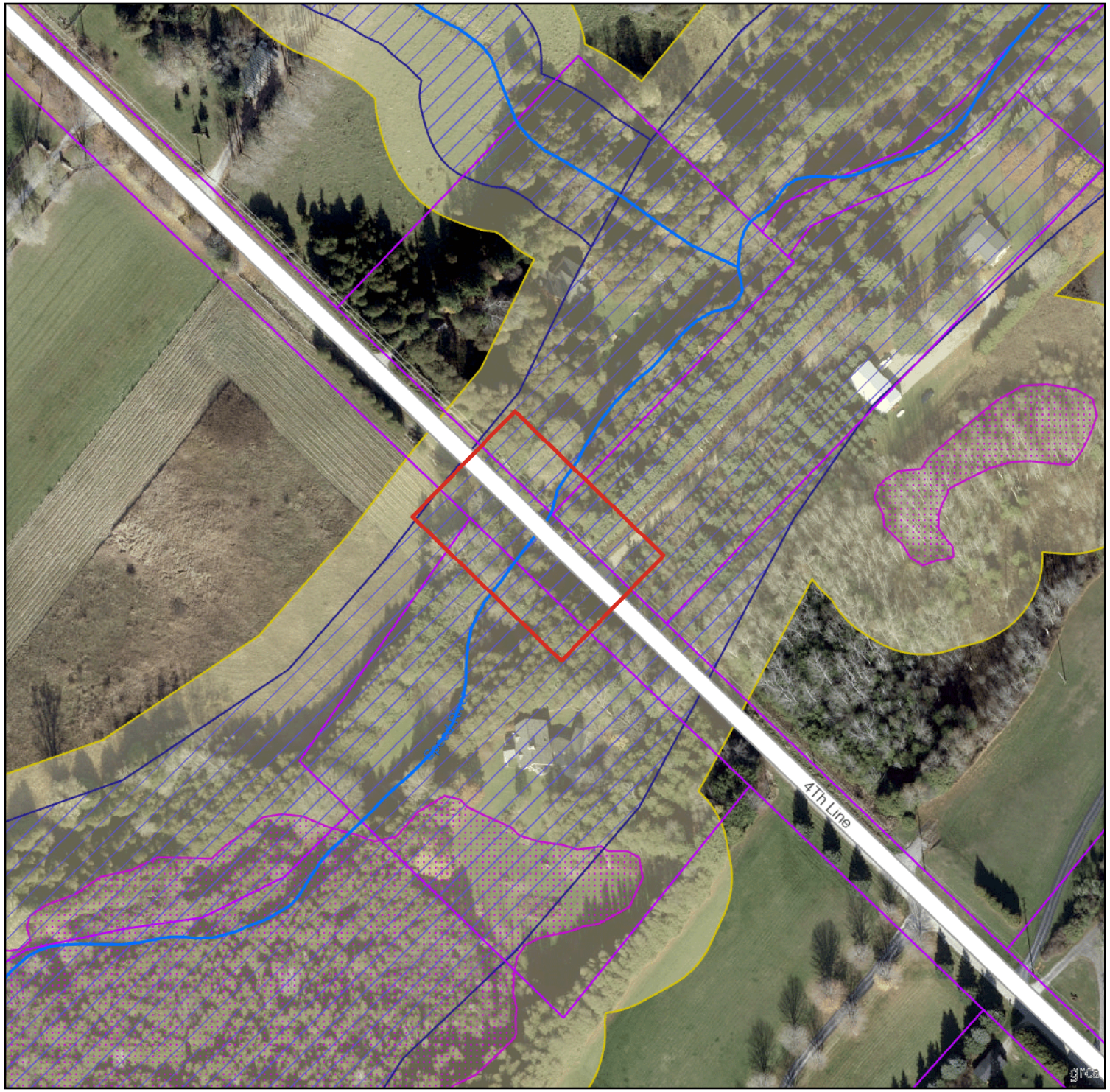
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Scale 1:40,178

NAD83 UTM zone 17 (EPSG:26917)

Map Centre (X,Y): 557361.69, 4839551.22 | Map Link

This map is not to be used for navigation



Grand River Conservation Authority

Date: Dec 02, 2024
Author: TH

Four Speed River Bridges, Centre Wellington

5-E

Legend

- Regulation Limit (GRCA)
- Floodplain (GRCA)
  - Engineered
  - Estimated
  - Approximate
- Floodplain - Special Policy Area (GRCA)
- Slope Erosion (GRCA)
  - Steep
  - Oversteep
  - Toe
- Slope Valley (GRCA)
  - Steep
  - Oversteep
- Regulated Watercourse (GRCA)
- Regulated Waterbody (GRCA)
- Wetland (GRCA)
- Lake Erie Flood (GRCA)
- Lake Erie Shoreline Reach (GRCA)
- Lake Erie Dynamic Beach (GRCA)
- Lake Erie Erosion (GRCA)
- Parcel (Wellington)
- Conservation Area Boundary (GRCA)

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Grand River Conservation Authority

Date: Dec 02, 2024
Author: TH

Four Speed River Bridges, Centre Wellington

3-E

Legend

- Regulation Limit (GRCA)
- Floodplain (GRCA)
  - Engineered
  - Estimated
  - Approximate
- Floodplain - Special Policy Area (GRCA)
- Slope Erosion (GRCA)
  - Steep
  - Oversteep
  - Toe
- Slope Valley (GRCA)
  - Steep
  - Oversteep
- Regulated Watercourse (GRCA)
- Regulated Waterbody (GRCA)
- Wetland (GRCA)
- Lake Erie Flood (GRCA)
- Lake Erie Shoreline Reach (GRCA)
- Lake Erie Dynamic Beach (GRCA)
- Lake Erie Erosion (GRCA)
- Parcel (Wellington)
- Conservation Area Boundary (GRCA)

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Scale 1:1,875

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Grand River Conservation Authority

Date: Dec 02, 2024
Author: TH

Four Speed River Bridges, Centre Wellington

7-E

Legend

- Regulation Limit (GRCA)
- Floodplain (GRCA)
  - Engineered
  - Estimated
  - Approximate
- Floodplain - Special Policy Area (GRCA)
- Slope Erosion (GRCA)
  - Steep
  - Oversteep
  - Toe
- Slope Valley (GRCA)
  - Steep
  - Oversteep
- Regulated Watercourse (GRCA)
- Regulated Waterbody (GRCA)
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- Lake Erie Dynamic Beach (GRCA)
- Lake Erie Erosion (GRCA)
- Parcel (Wellington)
- Conservation Area Boundary (GRCA)

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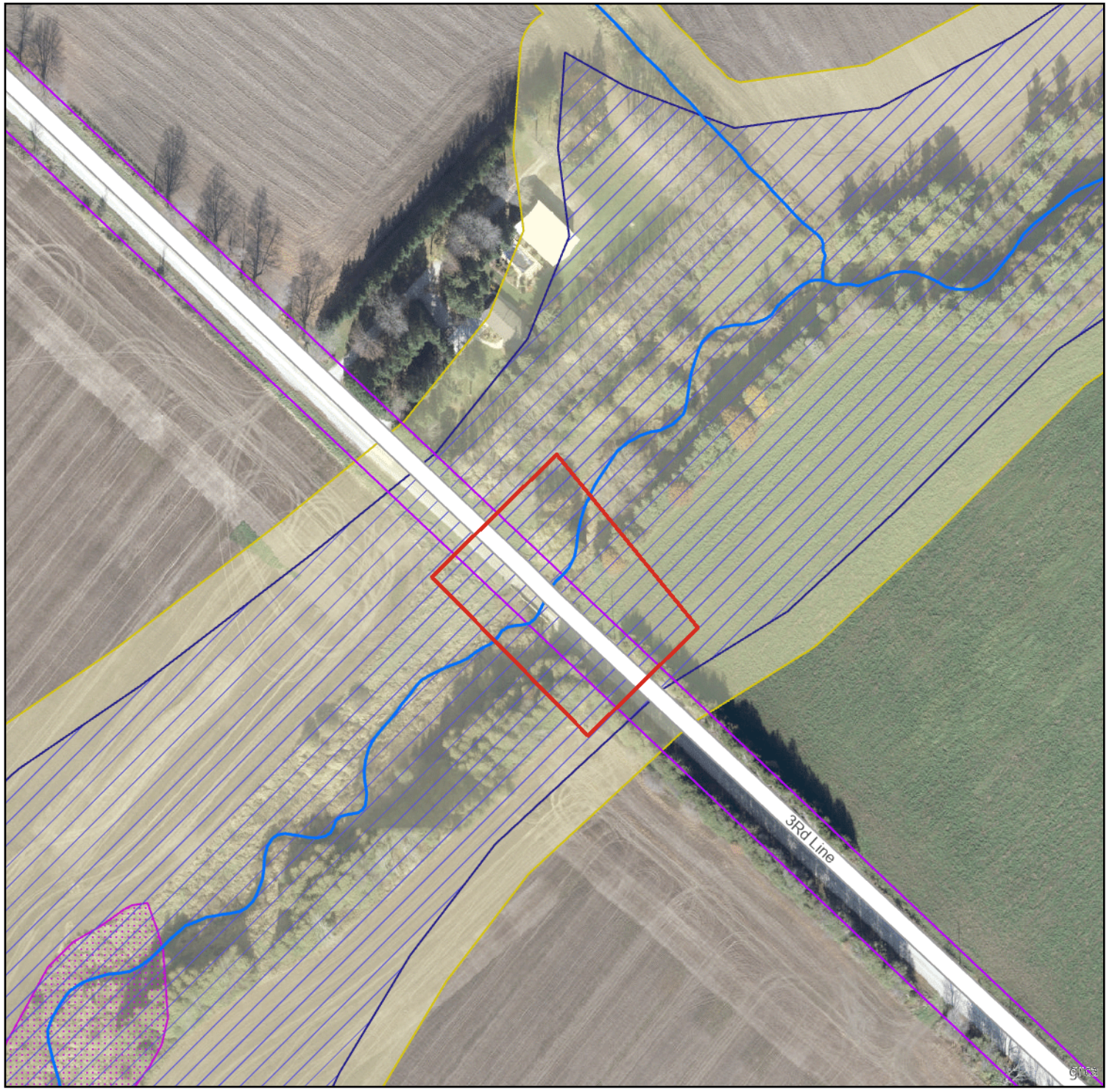
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Grand River Conservation Authority

Date: Dec 02, 2024
Author: TH

Four Speed River Bridges, Centre Wellington

2-WG

Legend

- Regulation Limit (GRCA)
- Floodplain (GRCA)
  - Engineered
  - Estimated
  - Approximate
- Floodplain - Special Policy Area (GRCA)
- Slope Erosion (GRCA)
  - Steep
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- Parcel (Wellington)
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Scale 1:1,875

NAD83 UTM zone 17 (EPSG:26917)

Map Centre (X,Y): 555750.30, 4840559.40 | Map Link

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Mishaal Rizwan

From:	Trevor Heywood <theywood@grandriver.ca>
Sent:	Tuesday, January 07, 2025 2:33 PM
To:	adickieson@centrewellington.ca; Andrew Dawson
Cc:	Mishaal Rizwan
Subject:	Re: Re: Township of Centre Wellington, Notice for Public Open House 2 - Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E, & 7E)
Attachments:	2025-01-07 Four Speed River Bridges GRCA comments.pdf
Follow Up Flag:	Follow up
Flag Status:	Flagged

Hi Andrew, Adam,

Please see GRCA's comments attached.

Thanks,

Trevor Heywood B.Sc.(Env.)
Resource Planner
Grand River Conservation Authority

400 Clyde Road, PO Box 729
Cambridge, ON N1R 5W6
Phone: 519-621-2761 ext. 2292
Email: theywood@grandriver.ca
www.grandriver.ca | Connect with us on social media

From: Trevor Heywood <theywood@grandriver.ca>
Sent: Thursday, November 14, 2024 3:24 PM
To: adickieson@centrewellington.ca <ADickieson@centrewellington.ca>; Andrew Dawson <Andrew.Dawson@rjburnside.com>
Cc: Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Subject: Re: Township of Centre Wellington, Notice for Public Open House 2 - Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E, & 7E)

Hi Adam, Andrew,

GRCA will not attend, but we ask that copies of the slides are sent our way for review and comment.

Thanks,

Trevor Heywood B.Sc.(Env.)
Resource Planner
Grand River Conservation Authority

400 Clyde Road, PO Box 729

Cambridge, ON N1R 5W6
Phone: 519-621-2761 ext. 2292
Email: theywood@grandriver.ca
www.grandriver.ca | Connect with us on social media

From: Mishaal Rizwan <Mishaal.Rizwan@rjburnside.com>
Sent: Thursday, November 14, 2024 2:31 PM
To: kokane@centrewellington.ca <kokane@centrewellington.ca>; dwilson@centrewellington.ca <dwilson@centrewellington.ca>; kmartin@centrewellington.ca <kmartin@centrewellington.ca>; jgaddye@centrewellington.ca <jgaddye@centrewellington.ca>; miglesias@centrewellington.ca <miglesias@centrewellington.ca>; bsalmon@centrewellington.ca <bsalmon@centrewellington.ca>; amcnabb@centrewellington.ca <amcnabb@centrewellington.ca>; pnewson@centrewellington.ca <pnewson@centrewellington.ca>; cbaker@centrewellington.ca <cbaker@centrewellington.ca>; tmulvey@centrewellington.ca <tmulvey@centrewellington.ca>; jkarn@centrewellington.ca <jkarn@centrewellington.ca>; cpellizzari@centrewellington.ca <cpellizzari@centrewellington.ca>; skoestner@centrewellington.ca <skoestner@centrewellington.ca>; huraniam@wellington.ca <huraniam@wellington.ca>; sherry.hoysa@guelph.ca <sherry.hoysa@guelph.ca>; Carly.McKeown@opp.ca <Carly.McKeown@opp.ca>; Trevor Heywood <theywood@grandriver.ca>; Dwight Boyd <dboyd@grandriver.ca>; amy.villeneuve@ugdsb.on.ca <amy.villeneuve@ugdsb.on.ca>; michael.glazier@wellingtoncdsb.ca <michael.glazier@wellingtoncdsb.ca>
Cc: Adam Dickieson (Centre Wellington) <adickieson@centrewellington.ca>; Andrew Dawson <Andrew.Dawson@rjburnside.com>
Subject: Township of Centre Wellington, Notice for Public Open House 2 - Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E, & 7E)

Good afternoon,

On behalf of the Township of Centre Wellington, please find attached the Notice for Public Open House #2 for the Transportation Network Study for Four Bridges (Bridges 2-WG, 3-E, 5-E, & 7E).

December 2, 2024, 6:00 pm – 8:00 pm
Centre Wellington Community Sportsplex – Gord Brown Hall
550 Belsyde Avenue East, Fergus

If you have any questions about the study, please contact one of the Project Team members below:

Adam Dickieson
Engineering Services Coordinator
Township of Centre Wellington
1 MacDonald Square, Elora, ON N0B 1S0
519-846-9691 x 355
adickieson@centrewellington.ca

Andrew Dawson, P. Eng.
Consultant Project Manager
R.J. Burnside & Associates Ltd.
292 Speedvale Ave W. #20, Guelph, ON N1H 1C4
705-797-4310
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Best regards,

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Environmental Planner

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Appendix C

Evaluation of Alternatives Matrix

Evaluation Matrix C.1
Sensitivity Analysis for Evaluation Matrix C.2

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Appendix C.1

Evaluation Matrix

Bridge and Transportation Study of Bridges 2-WG, 3-E, 5-E & 7-E - Evaluation of Alternative Solutions

Highest Impact / Least Preferred ○ ◔ ◑ ◕ ● Least Impact / Most Preferred

	Criteria for Evaluating Alternatives	Alternative 1: Do Nothing	Alternative 2: All Bridges Closed	Alternative 3: All Bridges Open	Alternative 4: Bridges 2WG, 3E & 7E Open	Alternative 5: Bridges 2-WG, 5-E & 7-E Open	Alternative 6: Bridges 2-WG & 7-E Open
A	**Transportation**						
1	**Cross-Community Travel** (For local residents to/from surrounding hamlets / cities)	Total of 12.8 minutes improvements, with average of 2.1 minutes improvements (for vehicles under 15 tonnes only) for cross community trips considered (compared to all bridges closed)	Considered as base for comparisons. All noted improvements relative to all bridges closed.	Total of 39.7 minutes improvements, with average of 6.6 minutes improvements for cross community trips considered (compared to all bridges closed)	Total of 28.9 minutes improvements, with average of 4.8 minutes improvements for cross community trips considered (compared to all bridges closed)	Total of 32 minutes improvements, with average of 5.3 minutes improvements for cross community trips considered (compared to all bridges closed)	Total of 21.2 minutes improvements, with average of 3.5 minutes improvements for cross community trips considered (compared to all bridges closed)
	Rating	◔	○	●	◕	◕	◑
2	**Emergency Response Time**	Most impact to emergency response times. Delays up to 2.1 minutes. Only light emergency vehicles can pass over 2-WG.	Most impact to emergency response times. Delays up to 2.1 minutes.	Heavier emergency response vehicles can cross 2-WG. Average of 1.9 minutes quicker response times to 21 properties with 3-E open. Average of 1.8 minutes quicker response times to 28 properties with 5-E open. Average of 0.9 minutes quicker response times to 18 properties with 7-E open.	Heavier emergency response vehicles can cross 2-WG. Average of 1.9 minutes quicker response times to 21 properties with 3-E open. Average of 0.9 minutes quicker response times to 18 properties with 7-E open.	Heavier emergency response vehicles can cross 2-WG. Average of 1.8 minutes quicker response times to 28 properties with 5-E open. Average of 0.9 minutes quicker response times to 18 properties with 7-E open.	Heavier emergency response vehicles can cross 2-WG. Average of 0.9 minutes quicker response times to 18 properties with 7-E open.
	Rating	○	○	●	◑	◑	◔
3	**Slow Moving Vehicle Accommodation** (Farm Equipment or similar, avoiding use of Arterial Routes, where possible)	Bridge 2-WG provides capacity for smaller equipment; Other structures require large detour.	Significant increases to travel time for farm equipment / slow moving vehicles. Travel on Arterial routes required.	Most benefit to farm equipment / slow moving vehicles. Vehicles can remain on local roads.	Vehicles can remain on local roads. Significant detour times for equipment around 5-E.	Vehicles can remain on local roads. Significant detour times for equipment around 3-E.	Vehicles can remain on local roads. Significant detour times for equipment around 5-E and 3-E.
	Rating	◔	○	●	◕	◕	◑
4	**Local Community Travel** (Deliveries, Operations Vehicles, Waste Collection, School Buses, etc.)	Up to 14.1 minutes saved for local routes compared to all bridges closed.	Considered as base for comparisons. All noted improvements relative to all bridges closed.	Up to 34.4 minutes saved for local routes compared to all bridges closed.	Up to 24.3 minutes saved for local routes compared to all bridges closed.	Up to 26.9 minutes saved for local routes compared to all bridges closed.	Up to 18.8 minutes saved for local routes compared to all bridges closed.
	Rating	◑	○	●	◕	◕	◑
	Summary Transportation	◔	○	●	◕	◕	◑

Bridge and Transportation Study of Bridges 2-WG, 3-E, 5-E & 7-E - Evaluation of Alternative Solutions

Highest Impact / Least Preferred ○ ◔ ◑ ◕ ● Least Impact / Most Preferred

	Criteria for Evaluating Alternatives	Alternative 1: Do Nothing	Alternative 2: All Bridges Closed	Alternative 3: All Bridges Open	Alternative 4: Bridges 2WG, 3E & 7E Open	Alternative 5: Bridges 2-WG, 5-E & 7-E Open	Alternative 6: Bridges 2-WG & 7-E Open
B	**Natural Environment**						
1	**Environmentally Sensitive Areas** (potential to impact wetlands, watercourse, woodlands, etc.)	No construction disturbance now, but potential future collapse of structures would result in more impacts due to lack of mitigation measures.	Opportunity to re-naturalize the area upon removal of the structures. Low potential for impacts to surrounding wetlands during removals.	Potential for disturbance within non-provincially significant wetland areas adjacent to Bridges 7-E and 3-E.	Potential for disturbance within non-provincially significant wetland areas adjacent to Bridges 7-E and 3-E.	Potential for disturbance within non-provincially significant wetland areas adjacent to Bridges 7-E.	Potential for disturbance within non-provincially significant wetland areas adjacent to Bridges 7-E.
	Rating	◑	◕	◑	◑	◕	◕
2	**Terrestrial Habitat** (potential to impact breeding birds, general wildlife habitat, habitat connectivity)	No impact	No impact. Terrestrial passage improved through removal of structures.	Opportunity for improvements to terrestrial passage through structure replacements; Potential impacts to Significant Woodlands for road widening at 3-E, 5-E and 7-E.	Opportunity for improvements to terrestrial passage through structure replacements; Potential impacts to Significant Woodlands for road widening at 3-E and 7-E.	Opportunity for improvements to terrestrial passage through structure replacements; Potential impacts to Significant Woodlands for road widening at 5-E and 7-E.	Opportunity for improvements to terrestrial passage through structure replacements; Potential impacts to Significant Woodlands for road widening at 7-E.
	Rating	◕	●	◔	◑	◑	◕
3	**Fisheries / Aquatic Habitat** (potential to impact /benefit aquatic habitat features)	Future collapse of structures will result in significant negative impacts to watercourse and associated habitat.	Minimal impacts associated with structure removal (could cut-off abutments above grade to eliminate). Opportunity to provide improvements through re-naturalization of watercourse.	Moderate potential to cause temporary impact during construction. Opportunity for improvements to habitat heterogeneity and erosion protection at 2-WG, 3-E and 5-E.	Moderate potential to cause temporary impact during construction. Opportunity for improvements to habitat heterogeneity and erosion protection at 2-WG and 3-E.	Moderate potential to cause temporary impact during construction. Opportunity for improvements to habitat heterogeneity and erosion protection at 2-WG and 5-E.	Moderate potential to cause temporary impact during construction. Opportunity for improvements to habitat heterogeneity and erosion protection at 2-WG.
	Rating	○	●	◑	◑	◑	◔
4	**Species at Risk (SAR)** (potential to impact habitat of Species at Risk e.g. Barn Swallow, bats, Butternut, etc.)	Mitigation required for potential impacts to 1 confirmed & 4 potential SAR at Bridge 2-WG,	No impacts to SAR anticipated	Mitigation required for potential impacts to 1 confirmed & 4 potential SAR at Bridge 2-WG, 1 confirmed & 4 potential SAR at Bridge 3-E, 5 potential SAR at Bridge 5-E, 5 potential SAR at Bridge 7-E	Mitigation required for potential impacts to 1 confirmed & 4 potential SAR at Bridge 2-WG, 1 confirmed & 4 potential SAR at Bridge 3-E, 5 potential SAR at Bridge 7-E	Mitigation required for potential impacts to 1 confirmed & 4 potential SAR at Bridge 2-WG, 5 potential SAR at Bridge 5-E, 5 potential SAR at Bridge 7-E	Mitigation required for potential impacts to 1 confirmed & 4 potential SAR at Bridge 2-WG, 5 potential SAR at Bridge 7-E
	Rating	◕	●	○	◔	◔	◑
	Summary Natural Environment	◑	●	◔	◑	◑	◑

	Criteria for Evaluating Alternatives	Alternative 1: Do Nothing	Alternative 2: All Bridges Closed	Alternative 3: All Bridges Open	Alternative 4: Bridges 2WG, 3E & 7E Open	Alternative 5: Bridges 2-WG, 5-E & 7-E Open	Alternative 6: Bridges 2-WG & 7-E Open
C	**Economic Environment**						
1	**Estimated Construction Costs**	No immediate costs, but costs for turn-arounds and future structure removals upon failure ($1M for all 4 bridges) would be higher than removing now.	$0.6M estimated for removal of all bridges and construction of turn-arounds	$7.3M estimated for proposed replacements and removals	$5.7M estimated for proposed replacements and removals	$5.1M estimated for proposed replacements and removals	$3.6M estimated for proposed replacements and removals
	Rating	●	●	○	◔	◔	◑
2	**Maintenance and Operational Costs**	Ongoing maintenance of barricades for preventing public use of structure	Maintenance for bridge assets eliminated.	Typical maintenance costs associated with 4 Bridges.	Typical maintenance costs associated with 3 Bridges.	Typical maintenance costs associated with 3 Bridges.	Typical maintenance costs associated with 2 Bridges.
	Rating	○	●	◔	◑	◑	◕
	Summary Economic Environment	◑	●	◔	◔	◑	◕

Bridge and Transportation Study of Bridges 2-WG, 3-E, 5-E & 7-E - Evaluation of Alternative Solutions



	Criteria for Evaluating Alternatives	Alternative 1: Do Nothing	Alternative 2: All Bridges Closed	Alternative 3: All Bridges Open	Alternative 4: Bridges 2WG, 3E & 7E Open	Alternative 5: Bridges 2-WG, 5-E & 7-E Open	Alternative 6: Bridges 2-WG & 7-E Open
D	**Social & Cultural Environment**						
1	**Social Environment** (Way of life, connection to facilities, political, etc.)	Community continues to feel forgotten by Township. Residential Areas experience minimal traffic related noise.	Community continues to feel forgotten by Township. Residential Areas experience minimal traffic related noise.	Residential Areas experience increased traffic related noise at all sites. Connectivity to neighbours provided.	Residential Areas experience increased traffic related noise at three sites. Connectivity to neighbours provided at three sites. Improved access to Local Businesses on Sixth Line	Residential Areas experience increased traffic related noise at three sites. Connectivity to neighbours provided at three sites.	Residential Areas experience increased traffic related noise at two sites. Connectivity to neighbours provided at two sites.
	Rating	◔	○	◕	●	◕	◑
2	**Community Preference** (Based on comments received)	Meets 14 votes for having bridges open and 7 votes for closing bridges.	Meets 0 votes for having bridges open and 7 votes for closing bridges.	Meets 56 votes for having bridges open and 0 votes for closing bridges.	Meets 41 votes for having bridges open and 3 votes for closing bridges.	Meets 42 votes for having bridges open and 4 votes for closing bridges.	Meets 27 votes for having bridges open and 7 votes for closing bridges.
	Rating	◔	◔	●	◕	◕	◑
3	**Archaeological** (potential to impact resources)	No ground disturbance.	All ground disturbance for removal of structures to below grade would be within areas excavated during original construction	All bridges have low archaeological potential. Some disturbance in areas outside of original bridge construction excavation	All bridges have low archaeological potential. Some disturbance in areas outside of original bridge construction excavation	All bridges have low archaeological potential. Some disturbance in areas outside of original bridge construction excavation	All bridges have low archaeological potential. Some disturbance in areas outside of original bridge construction excavation
	Rating	◕	●	◑	◕	◕	◕
4	**Cultural & Built Heritage**	Visual contribution to rural character of area and historical context of bridge crossings maintained until failure. Bridge 3-E's built heritage values maintained until failure.	On-site context of historical bridge crossings at the locations are lost for all structures once removed. Bridge 3-E's built heritage values maintained until removal.	Newer structures don't blend as well with rural character of area. Bridge 3-E's built heritage values are documented and new structure designed with sympethetic features.	Newer structures don't blend as well with rural character of area. Bridge 3-E's built heritage values are documented and new structure designed with sympethetic features.	Newer structures don't blend as well with rural character of area. Bridge 3-E's built heritage values are documented and retained until structure removal.	Newer structures don't blend as well with rural character of area. Bridge 3-E's built heritage values are documented and retained until structure removal.
	Rating	◔	◔	◕	◕	◕	◑
	Summary Social & Cultural Environment	◑	◔	◕	◕	◕	◑

	Alternative 1: Do Nothing	Alternative 2: All Bridges Closed	Alternative 3: All Bridges Open	Alternative 4: Bridges 2WG, 3E & 7E Open	Alternative 5: Bridges 2-WG, 5-E & 7-E Open	Alternative 6: Bridges 2-WG & 7-E Open
Overall Ranking (Equal Weighted Criteria) [1]	**6**	**3**	**5**	**2**	**1**	**4**
Overall Ranking (Sensitivity Analysis) [2]	**6**	**5**	**3**	**2**	**1**	**4**

[1] The 'Overall Ranking (Equal Weighted Criteria)' is based on the main criteria categories (Transportation, Natural Environment, Economic Factors, Social & Cultural Environment) being equally weighted.

[2] The 'Overall Ranking (Sensitivity Analysis)' is based on the averaged results of a series of scenarios ran with different weighting criteria for each of the main criteria categories (Transportation, Natural Environment, Economic Factors, Social & Cultural Environment).

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Appendix C.2

Sensitivity Analysis for Evaluation Matrix

Bridge and Transportation Study of Bridges 2-WG, 3-E, 5-E & 7-E - Sensitivity Analysis

Scenario:	Transportation	Environmental	Economic	Social & Cultural	Weighted Score (∑ (Category Score * Category Weight))					
					Alternative 1: Do Nothing	Alternative 2: All Bridges Closed	Alternative 3: All Bridges Open	Alternative 4: Bridges 2WG, 3E & 7E Open	Alternative 5: Bridges 2-WG, 5-E & 7-E Open	Alternative 6: Bridges 2-WG & 7-E Open
Weighting #1	25%	25%	25%	25%	1.58	2.28	2.16	2.29	2.35	2.18
Weighting #2	40%	20%	20%	20%	1.46	1.83	2.53	2.38	2.47	2.09
Weighting #3	20%	40%	20%	20%	1.65	2.58	1.98	2.17	2.28	2.19
Weighting #4	20%	20%	40%	20%	1.64	2.63	1.83	2.12	2.21	2.27
Weighting #5	20%	20%	20%	40%	1.59	2.10	2.30	2.48	2.44	2.18
Weighting #6	50%	10%	10%	30%	1.33	1.19	3.04	2.66	2.67	2.00
Weighting #7	30%	10%	50%	10%	1.57	2.51	1.86	2.05	2.19	2.26
Weighting #8	50%	10%	30%	10%	1.39	1.71	2.56	2.30	2.45	2.09
Weighting #9	30%	10%	30%	30%	1.52	1.99	2.34	2.41	2.41	2.18
OVERALL SENSITIVITY SCORE:					**12.21**	**16.82**	**18.24**	**18.46**	**19.05**	**17.25**

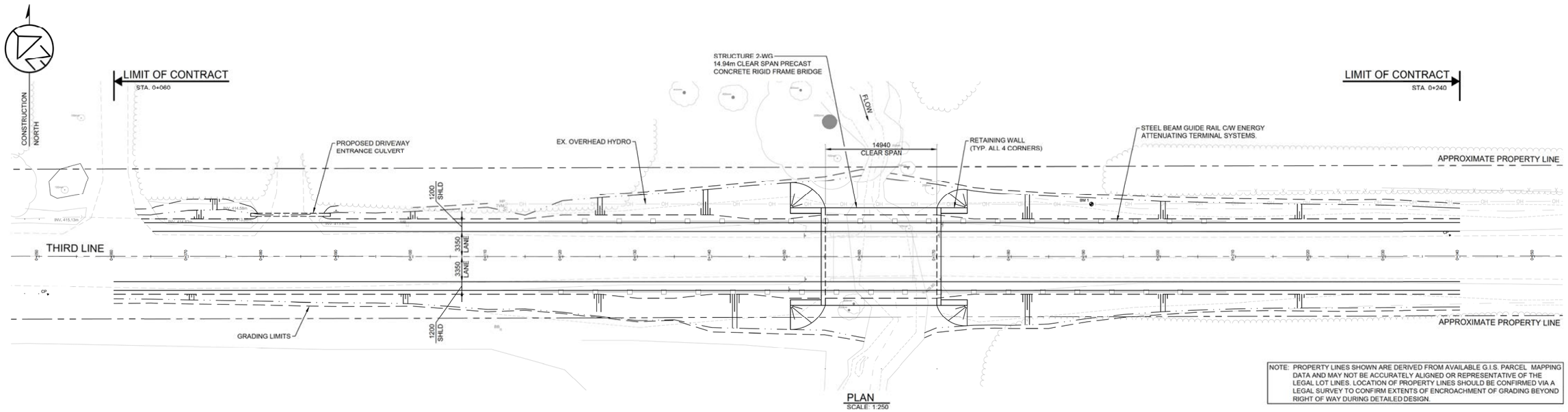
	Transportation	Environmental	Economic	Social & Cultural	Weighted Score Ranking - Heat Map					
					Alternative 1: Do Nothing	Alternative 2: All Bridges Closed	Alternative 3: All Bridges Open	Alternative 4: Bridges 2WG, 3E & 7E Open	Alternative 5: Bridges 2-WG, 5-E & 7-E Open	Alternative 6: Bridges 2-WG & 7-E Open
Weighting #1	25%	25%	25%	25%	6	3	5	2	1	4
Weighting #2	40%	20%	20%	20%	6	5	1	3	2	4
Weighting #3	20%	40%	20%	20%	6	1	5	4	2	3
Weighting #4	20%	20%	40%	20%	6	1	5	4	3	2
Weighting #5	20%	20%	20%	40%	6	5	3	1	2	4
Weighting #6	50%	10%	10%	30%	5	6	1	3	2	4
Weighting #7	30%	10%	50%	10%	6	1	5	4	3	2
Weighting #8	50%	10%	30%	10%	6	5	1	3	2	4
Weighting #9	30%	10%	30%	30%	6	5	3	2	1	4
OVERALL SENSITIVITY RANK:					6	5	3	2	1	4

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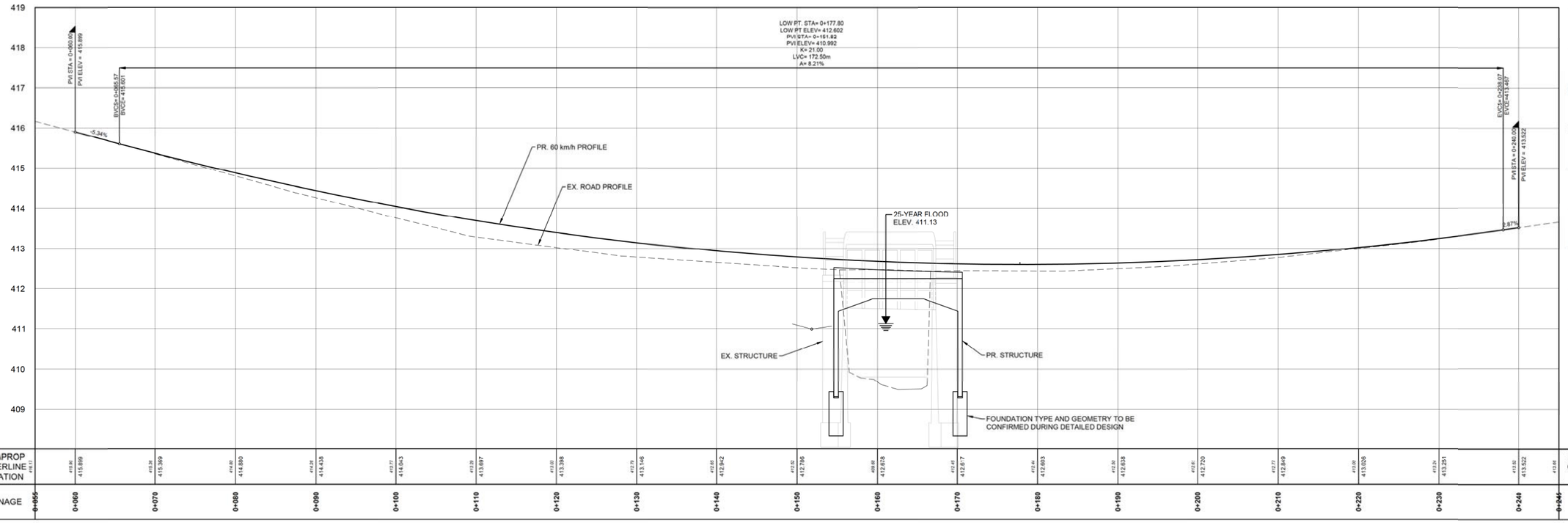
Appendix D

Conceptual Design Drawings



PLAN
SCALE: 1:250

NOTE: PROPERTY LINES SHOWN ARE DERIVED FROM AVAILABLE G.I.S. PARCEL MAPPING DATA AND MAY NOT BE ACCURATELY ALIGNED OR REPRESENTATIVE OF THE LEGAL LOT LINES. LOCATION OF PROPERTY LINES SHOULD BE CONFIRMED VIA A LEGAL SURVEY TO CONFIRM EXTENTS OF ENCROACHMENT OF GRADING BEYOND RIGHT OF WAY DURING DETAILED DESIGN.



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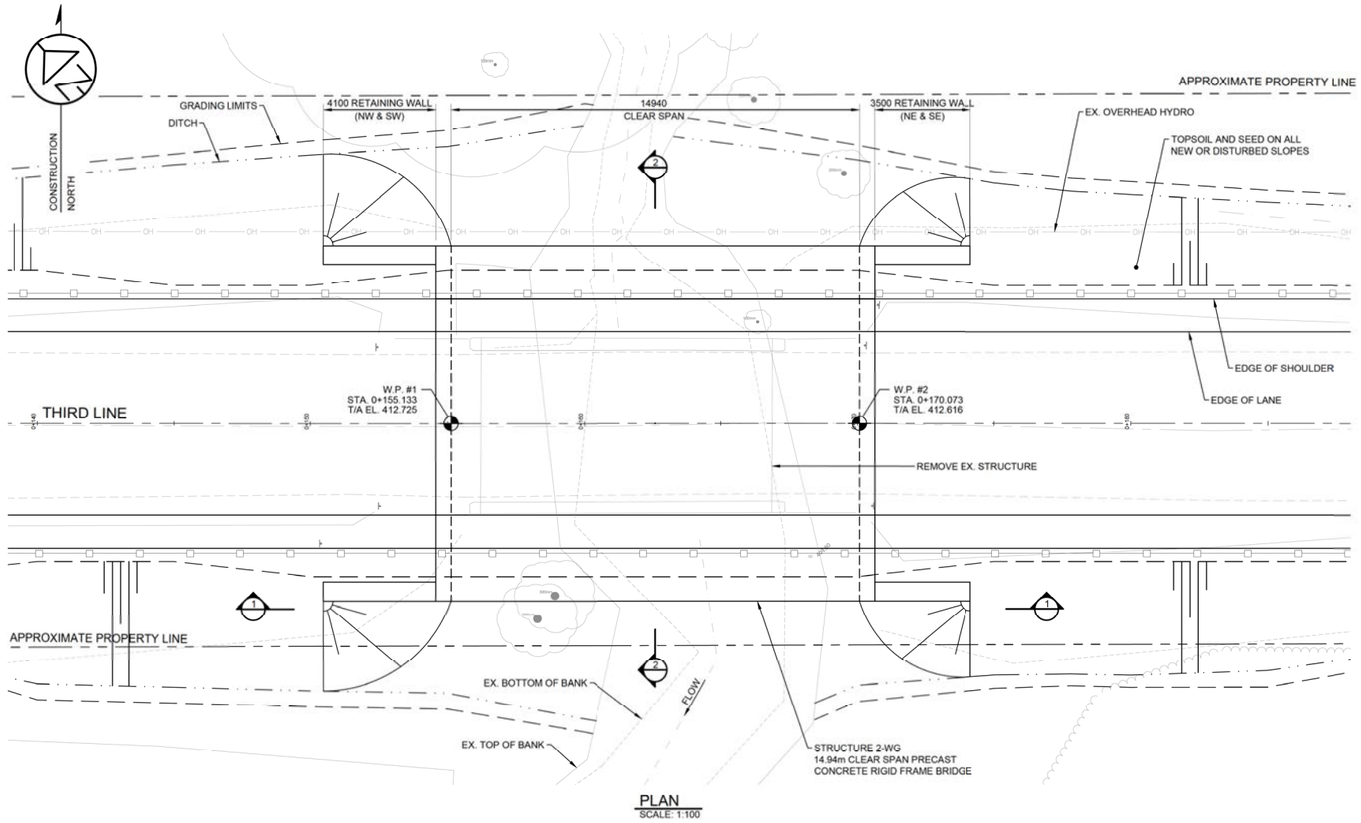
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R.J. Burnside & Associates Limited
3 Ronell Crescent,
Collingwood, Ontario, L9Y 4J6
telephone 1-800-265-9662
web www.rjburnside.com

Client
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1 MACDONALD SQUARE
ELORA, ONTARIO
N0B 1S0

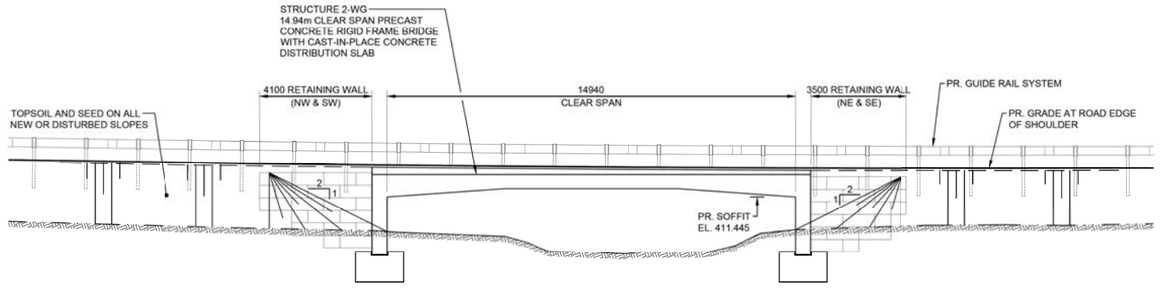
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BRIDGE 2-WG REPLACEMENT
PLAN AND PROFILE

Drawn	Checked	Designed	Checked	Date
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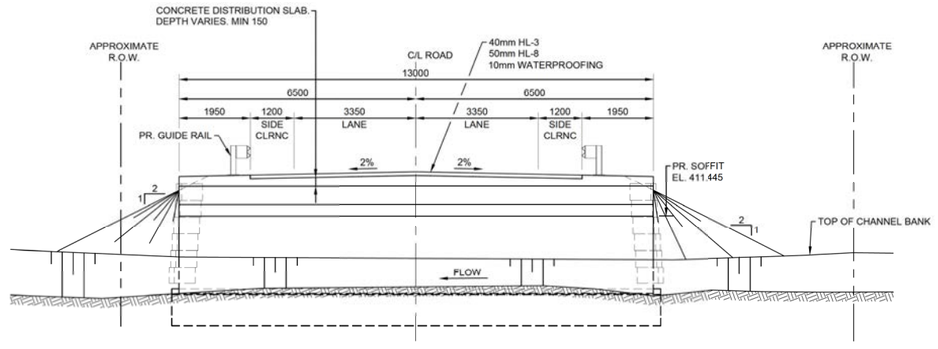
Project No. 300058117
Contract No. CONTRACT NO.
Revision No. 0
Drawing No. B-001
Scale H 1:250 V 1:50
0 5.0 10.0 15.0m



PLAN
SCALE: 1:100



1 ELEVATION
SCALE: 1:100



2 SECTION
SCALE: 1:75

GENERAL NOTES:

1. DESIGNED TO CANADIAN HIGHWAY BRIDGE DESIGN CODE (CHBDC) CSA S6:19 TO SUPPLEMENT 2. LIVE LOAD TRUCK TO CL-625-ONT.
2. CONCRETE SHALL BE EXPOSURE CLASS C-1 WITH A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 35 MPa AT 56 DAYS.
3. CLEAR COVER TO REINFORCING STEEL

FOOTINGS	CAST AGAINST SOIL	100 ± 25
DECK	TOP	70 ± 20
	BOTTOM	50 ± 10
REMAINDER		70 ± 20 UNLESS OTHERWISE NOTED

4. REINFORCING BARS:

STEEL:

- REINFORCING STEEL (BLACK) SHALL BE GRADE 400W UNLESS OTHERWISE SPECIFIED.
- STAINLESS REINFORCING STEEL SHALL BE TYPE 316LN, DUPLEX 2205 AND HAVE MINIMUM YIELD STRENGTH OF 500 MPa, UNLESS OTHERWISE SPECIFIED.
- BAR MARKS WITH PREFIX 'S' DENOTE STAINLESS STEEL BARS.
- ALL LAP LENGTHS SHALL BE CONSIDERED TENSION CLASS 'B' UNLESS NOTED OTHERWISE.
- NOT ALL LAP SPLICES ARE SHOWN ON THE DRAWINGS. WHERE BARS ARE SHOWN AS CONTINUOUS, LAP SPLICES ARE REQUIRED TO SUIT THE ACTUAL AVAILABLE LENGTHS OF THE REBAR. THE CONTRACTOR MAY PROVIDE LAPS NOT REPRESENTED IN THE DRAWINGS, SUBJECT TO THE APPROVAL OF THE ENGINEER.
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5. CONSTRUCTION NOTES

- BACKFILL SHALL BE PLACED SIMULTANEOUSLY BEHIND BOTH ABUTMENTS KEEPING THE HEIGHT OF THE BACKFILL APPROXIMATELY THE SAME. AT NO TIME SHALL THE DIFFERENCE IN ELEVATION BE GREATER THAN 500mm.
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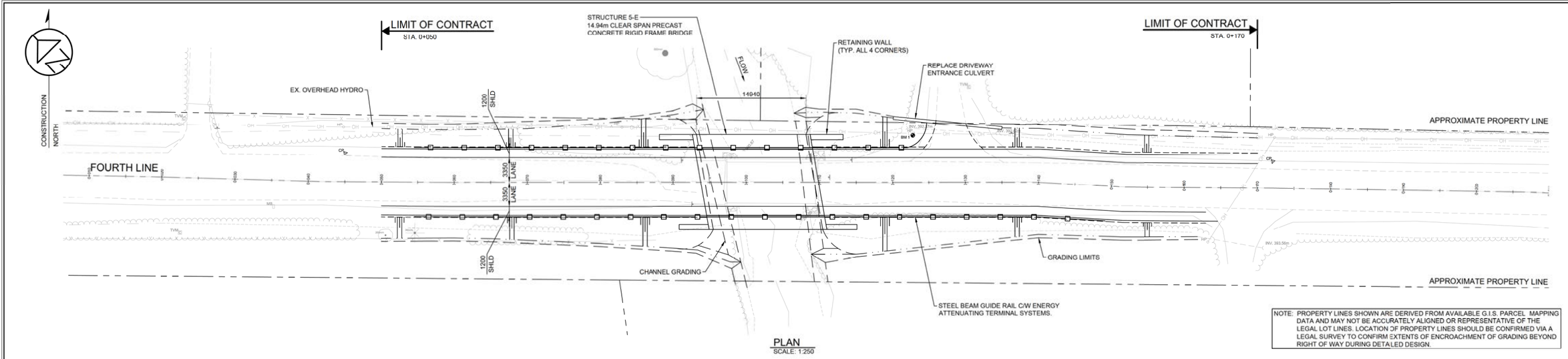
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R.J. Burnside & Associates Limited
3 Ronell Crescent,
Collingwood, Ontario, L9Y 4J6
telephone 1-800-265-9662
web www.rjburnside.com

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TOWNSHIP OF CENTRE WELLINGTON
1 MACDONALD SQUARE
ELORA, ONTARIO
N0B 1S0

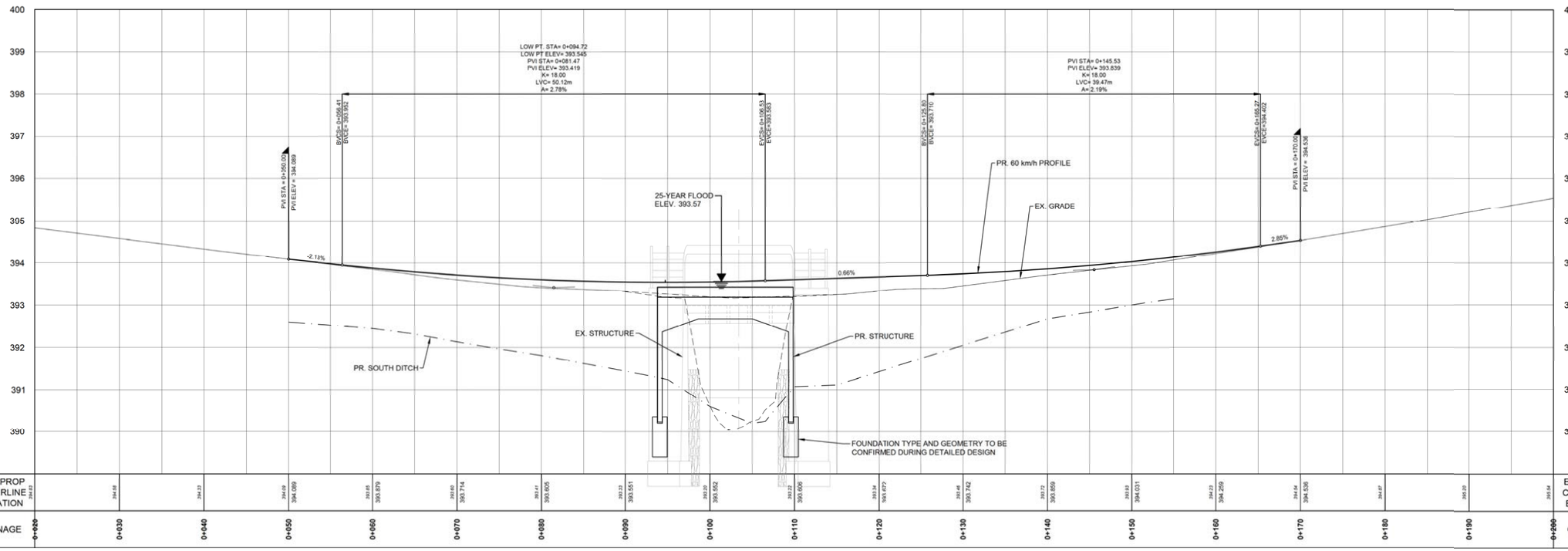
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BRIDGE 2-WG REPLACEMENT
GENERAL ARRANGMENT

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Project No.		Contract No.		Revision No.	
300058117		CONTRACT NO.		0	B-002
Scale					
AS NOTED					



PLAN
SCALE: 1:250

NOTE: PROPERTY LINES SHOWN ARE DERIVED FROM AVAILABLE G.I.S. PARCEL MAPPING DATA AND MAY NOT BE ACCURATELY ALIGNED OR REPRESENTATIVE OF THE LEGAL LOT LINES. LOCATION OF PROPERTY LINES SHOULD BE CONFIRMED VIA A LEGAL SURVEY TO CONFIRM EXTENTS OF ENCROACHMENT OF GRADING BEYOND RIGHT OF WAY DURING DETAILED DESIGN.



EXIST\PROP CENTERLINE ELEVATION	394.63	394.68	394.33	394.09	394.089	393.878	393.80	393.714	393.41	393.605	393.33	393.551	393.20	393.552	393.22	393.606	393.34	393.672	393.46	393.742	393.72	393.859	393.93	394.031	394.23	394.259	394.64	394.536	394.67	395.20	395.54	EXIST\PROP CENTERLINE ELEVATION
CHAINAGE	0+020	0+030	0+040	0+050	0+060	0+070	0+080	0+090	0+100	0+110	0+120	0+130	0+140	0+150	0+160	0+170	0+180	0+190	0+200	CHAINAGE

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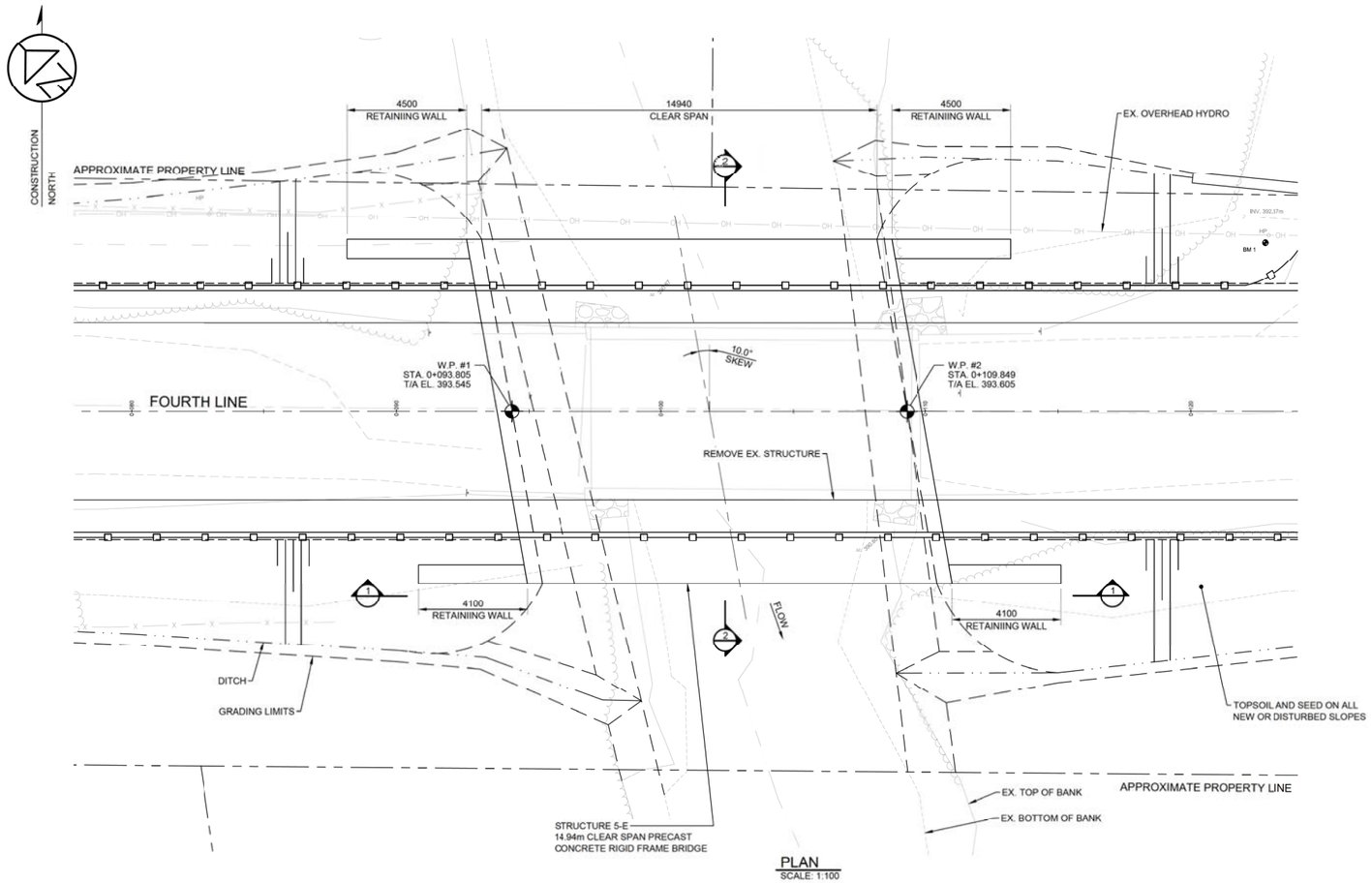
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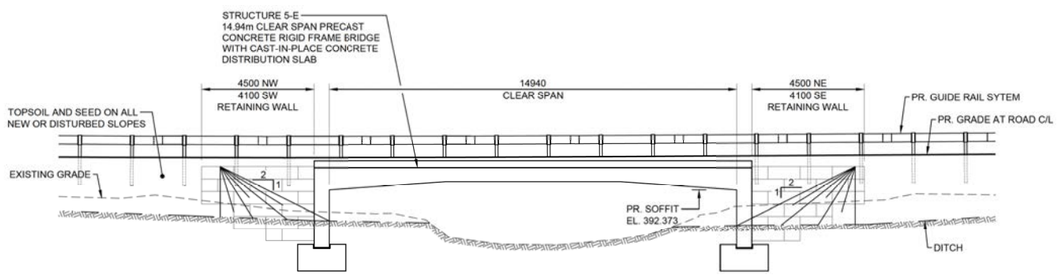
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Drawing Title
BRIDGE 5-E REPLACEMENT
PLAN AND PROFILE

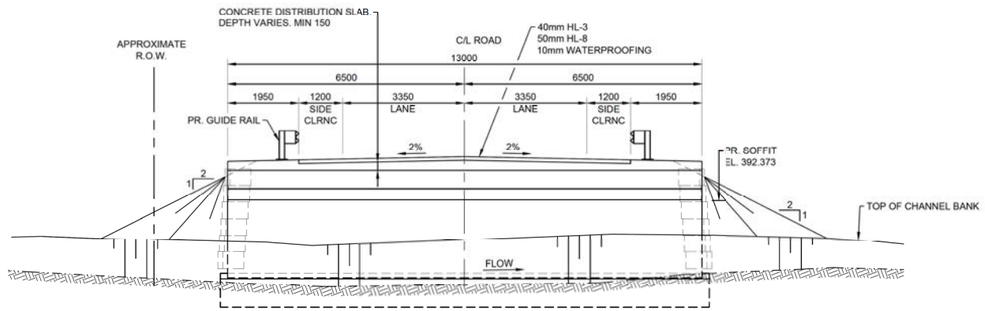
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Project No. 300058117		Contract No. CONTRACT NO.		Revision No. 0	
Scale H 1:250 V 1:50					



PLAN
SCALE: 1:100



1 ELEVATION
SCALE: 1:100



2 SECTION
SCALE: 1:75

GENERAL NOTES:

1. DESIGNED TO CANADIAN HIGHWAY BRIDGE DESIGN CODE (CHBDC) CSA S6:19 TO SUPPLEMENT 2, LIVE LOAD TRUCK TO CL-625-ONT.
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3. CLEAR COVER TO REINFORCING STEEL

FOOTINGS	CAST AGAINST SOIL	100 ± 25
DECK	TOP	70 ± 20
	BOTTOM	50 ± 10
REMAINDER		70 ± 20 UNLESS OTHERWISE NOTED

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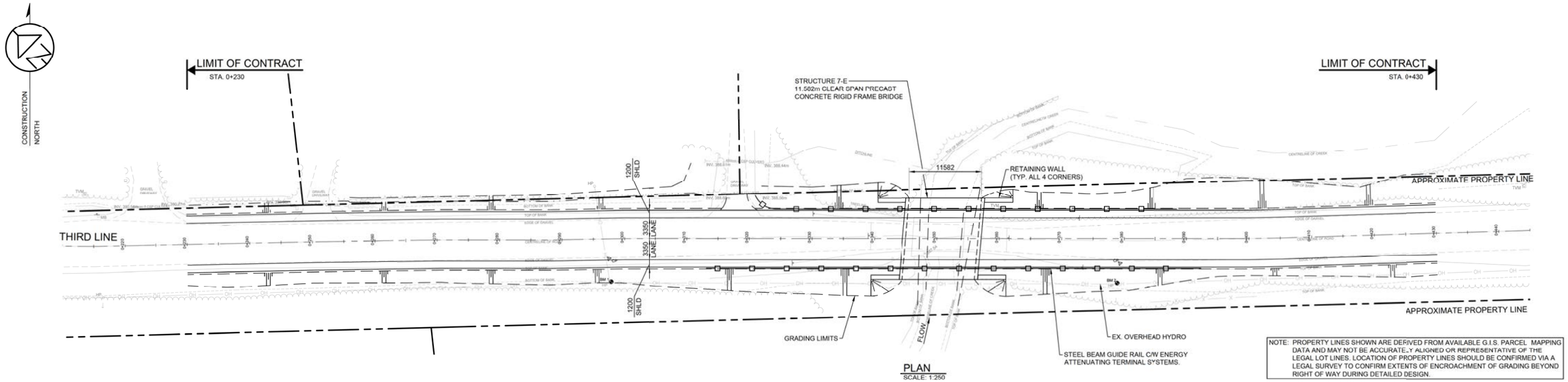
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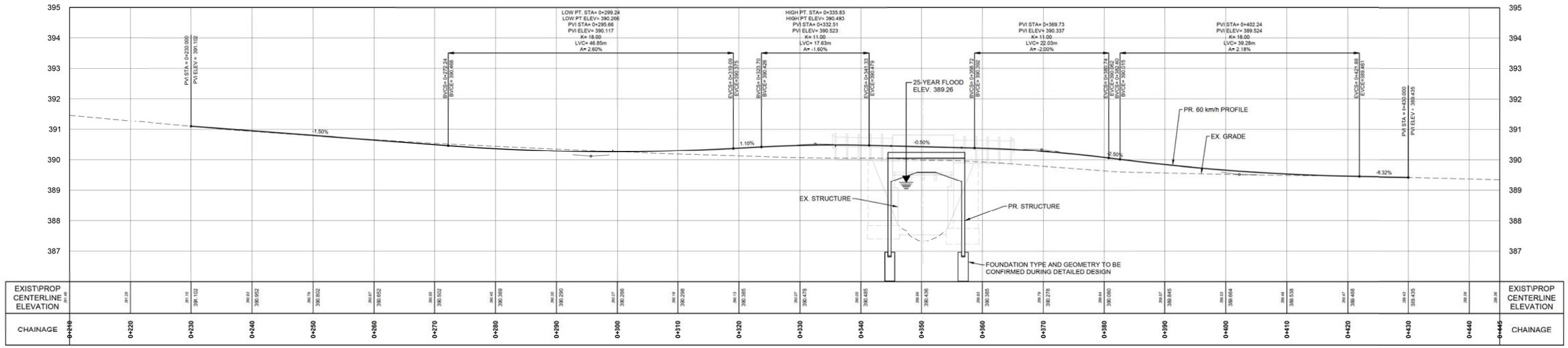
Client
TOWNSHIP OF CENTRE WELLINGTON
1 MACDONALD SQUARE
ELORA, ONTARIO
N0B 1S0

Drawing Title
BRIDGE 5-E REPLACEMENT
GENERAL ARRANGEMENT

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A.C.	A.D.	A.D.	M.B.	24/21/17	B-002
Project No. 300058117		Contract No. CONTRACT NO.		Revision No. 0	
Scale AS NOTED					



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SCALE: 1:250



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3 Ronell Crescent,
Collingwood, Ontario, L9Y 4J6
telephone 1-800-265-9662
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1 MACDONALD SQUARE
ELORA, ONTARIO
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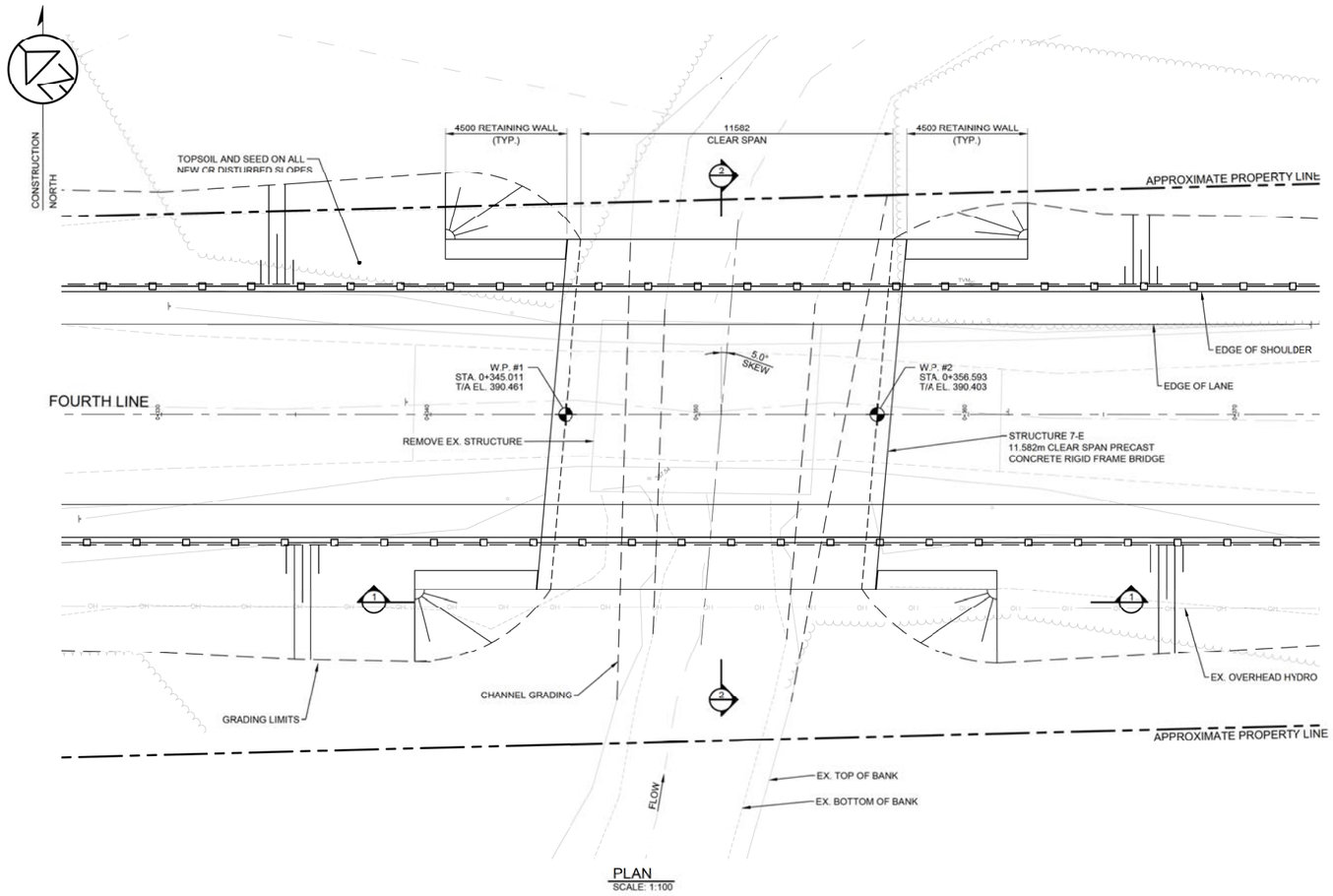
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BRIDGE 7-E REPLACEMENT
PLAN AND PROFILE

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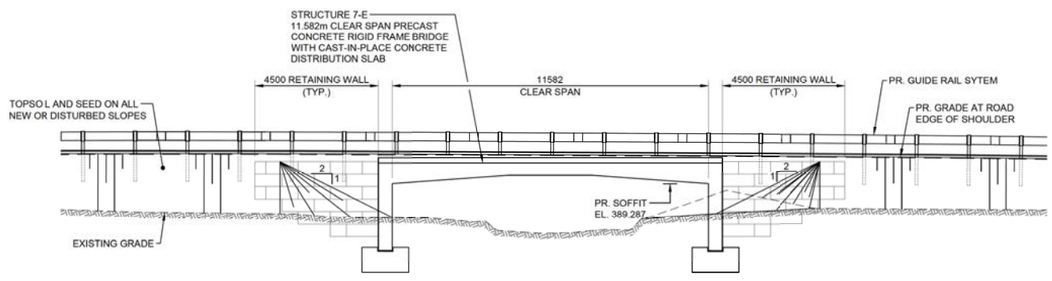
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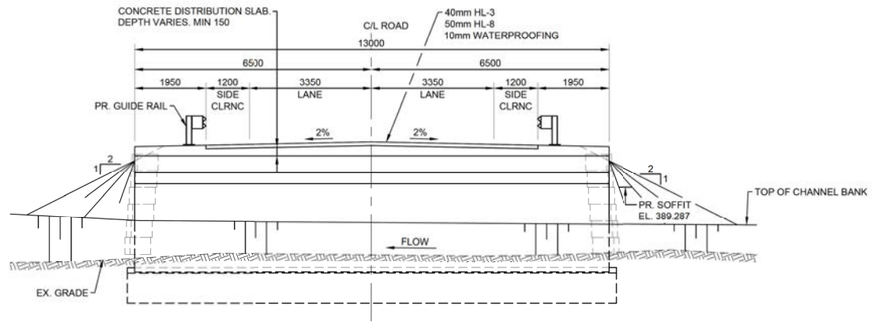
Drawing No.
B-001



PLAN
SCALE: 1:100



1 ELEVATION
SCALE: 1:100



2 SECTION
SCALE: 1:75

GENERAL NOTES:

1. DESIGNED TO CANADIAN HIGHWAY BRIDGE DESIGN CODE (CHBDC) CSA S6:19 TO SUPPLEMENT 2, LIVE LOAD TRUCK TO CL-625-ONT.
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- BAR MARKS WITH PREFIX 'S' DENOTE STAINLESS STEEL BARS.
- ALL LAP LENGTHS SHALL BE CONSIDERED TENSION CLASS 'B' UNLESS NOTED OTHERWISE.
- NOT ALL LAP SPLICES ARE SHOWN ON THE DRAWINGS. WHERE BARS ARE SHOWN AS CONTINUOUS, LAP SPLICES ARE REQUIRED TO SUIT THE ACTUAL AVAILABLE LENGTHS OF THE REBAR. THE CONTRACTOR MAY PROVIDE LAPS NOT REPRESENTED IN THE DRAWINGS, SUBJECT TO THE APPROVAL OF THE ENGINEER.
- WHERE LAP SPLICES ARE PROPOSED BY THE CONTRACTOR, THE LOCATIONS SHALL BE SUCH THAT THEY LEAST IMPACT THE STRUCTURE.
- BAR HOOKS SHALL HAVE STANDARD HOOK DIMENSIONS USING MINIMUM BEND DIAMETERS, WHILE STIRRUPS AND TIES SHALL HAVE MINIMUM HOOK DIMENSIONS. ALL HOOKS SHALL BE IN ACCORDANCE WITH THE STRUCTURAL STANDARD DRAWING SS12-1, (AVAILABLE UPON REQUEST) OR THE REINFORCING STEEL INSTITUTE OF ONTARIO OR CANADA (RSIO or RSIC), UNLESS INDICATED OTHERWISE.

5. CONSTRUCTION NOTES

- BACKFILL SHALL BE PLACED SIMULTANEOUSLY BEHIND BOTH ABUTMENTS KEEPING THE HEIGHT OF THE BACKFILL APPROXIMATELY THE SAME. AT NO TIME SHALL THE DIFFERENCE IN ELEVATION BE GREATER THAN 500mm.
- THE CONTRACTOR SHALL CONFIRM ALL DIMENSIONS AND DETAILS BEFORE STARTING WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR THE VERIFICATION AND PROTECTION OF ALL EXISTING UTILITIES, SERVICES, STRUCTURES, ROADWAYS, ETC. DURING CONSTRUCTION.
- CHAMFERS MAY OR MAY NOT BE SHOWN ON DRAWINGS. ALL EXPOSED CORNERS TO HAVE 25mm x 25mm CHAMFERS UNLESS NOTED OTHERWISE. CONSTRUCTION JOINTS TO HAVE A 20mm x 20mm CHAMFER.

Notes
1. This drawing is the exclusive property of R. J. Burnside & Associates Limited. The reproduction of any part without prior written consent of this office is strictly prohibited.
2. The contractor shall verify all dimensions, levels, and datums on site and report any discrepancies or omissions to this office prior to construction.
3. This drawing is to be read and understood in conjunction with all other plans and documents applicable to this project.

NOT FOR CONSTRUCTION

No.	Issue / Revision	Date	Auth.
0	CONCEPTUAL DRAWING FOR PROJECT FILE REPORT	24/12/30	ASD

R.J. Burnside & Associates Limited
3 Ronell Crescent,
Collingwood, Ontario, L9Y 4J6
telephone 1-800-265-9662
web www.rjburnside.com

Client
TOWNSHIP OF CENTRE WELLINGTON
1 MACDONALD SQUARE
ELORA, ONTARIO
N0B 1S0

Drawing Title
BRIDGE 7-E REPLACEMENT
GENERAL ARRANGEMENT

Drawn	Checked	Designed	Checked	Date	Drawing No.
A.C.	A.D.	A.D.	M.B.	24/21/17	B-002
Project No.		Contract No.		Revision No.	
300058117		CONTRACT NO.		0	
Scale: AS NOTED					

R.J. Burnside & Associates Limited