

The Norwich Street Bridge

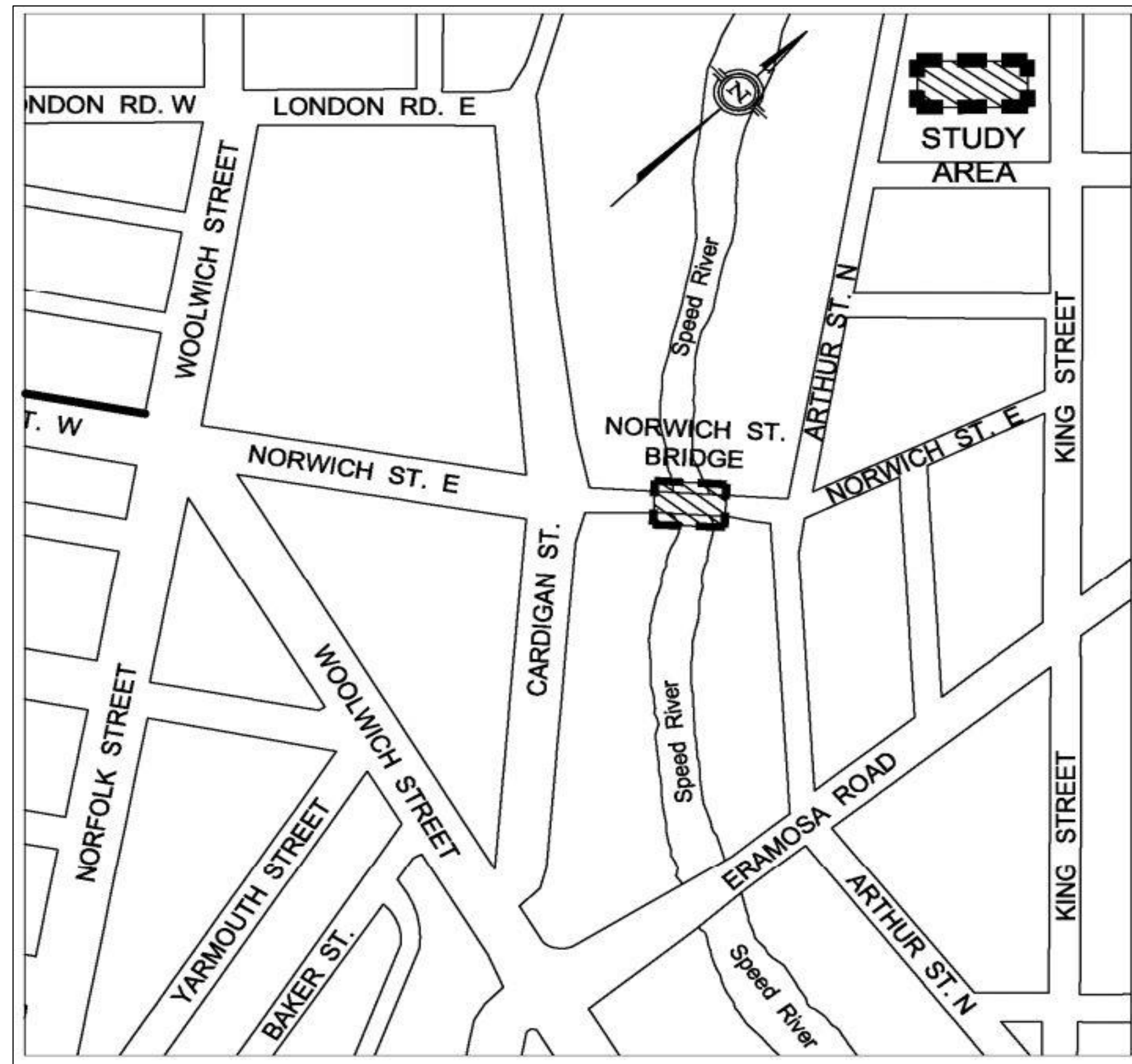
Class Environmental Assessment

Public Open House

September 21, 2016 – 2:00-4:00 pm and 7:00-9:00 pm

Guelph City Hall





Study Background:

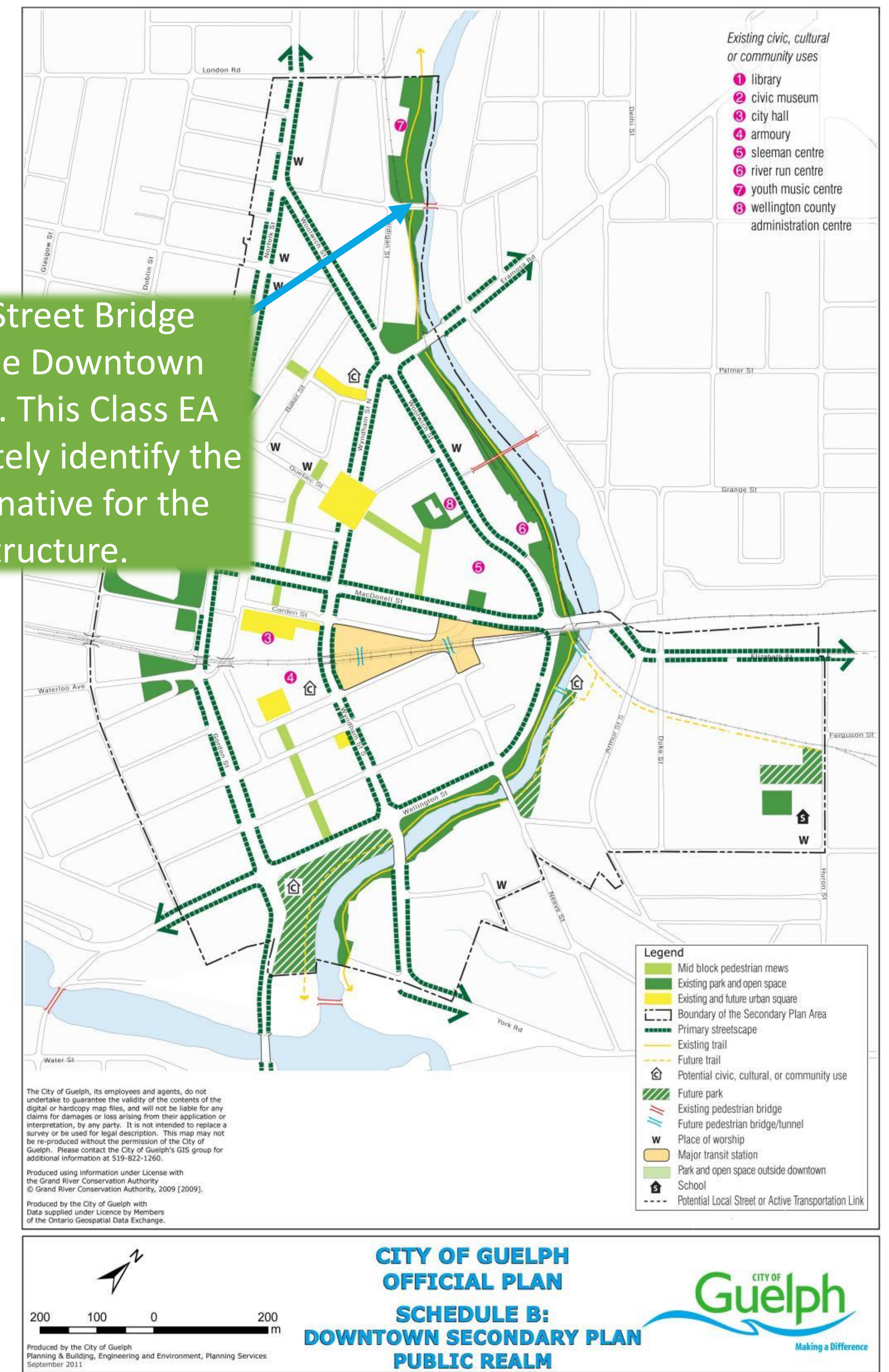
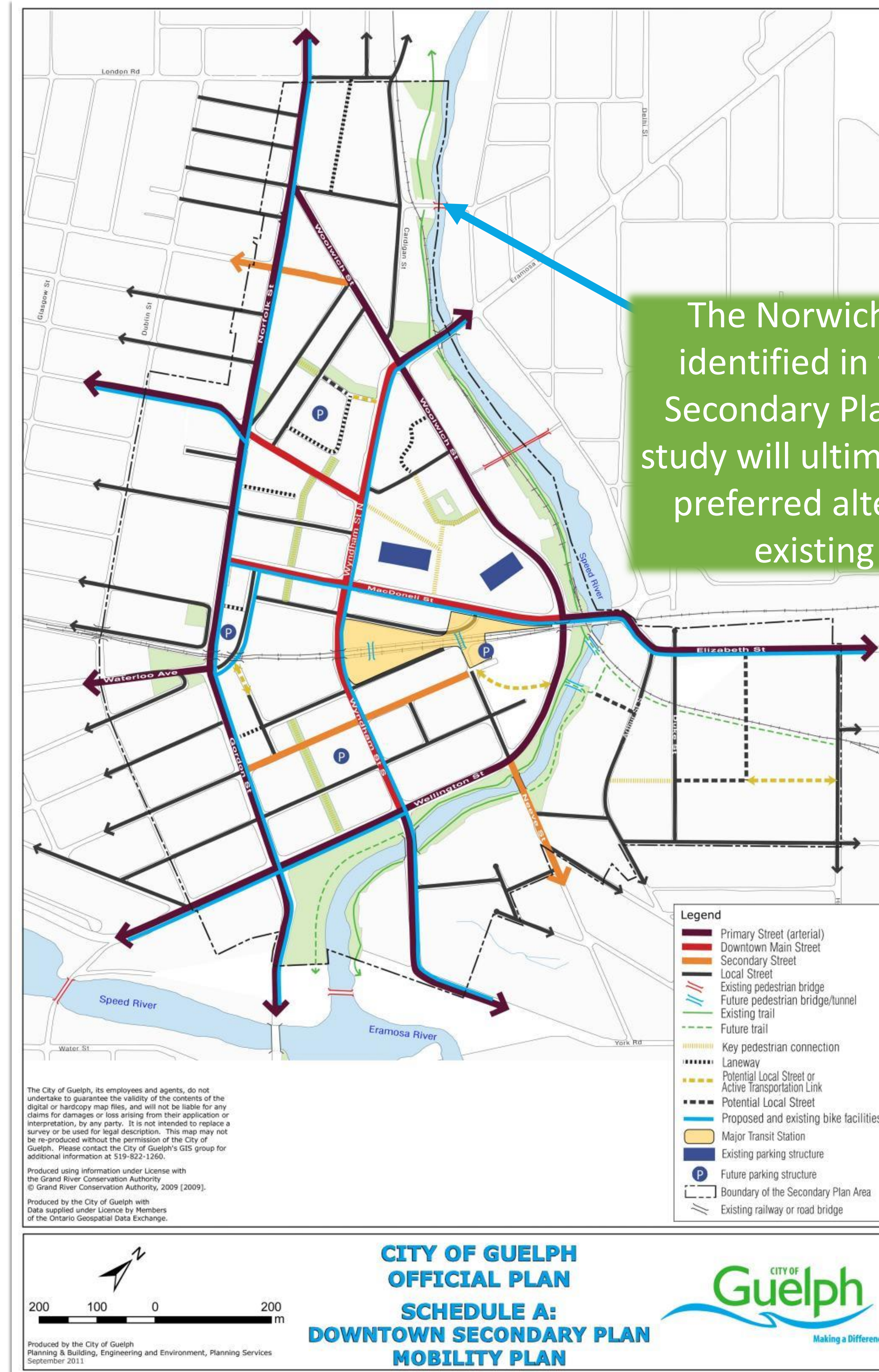
- Norwich Street Bridge is located on the former Norwich Street road allowance between Cardigan Street and Arthur Street North, and conveys pedestrian traffic through Goldie Mill Neighbourhood and along the Royal Recreation Trail.
- The steel pony truss bridge was built in 1882 to span the Speed River, and was closed to vehicle traffic in 1998 when the steel bridge and name plates were designated as a heritage structure.
- There is a separate pedestrian bridge south of the Norwich Street Bridge supporting a watermain and sanitary sewer, which is closed due to structural condition.

Your input will help the City of Guelph better understand:

- *How often the current bridge is used;*
- *What features are important and what features could be improved; and,*
- *What residents like about the current crossing.*

Downtown Secondary Plan Supports the Need for a Bridge in this Location

- Identifies a bridge crossing over the Speed River.
- Supports the “connection of the surrounding trails and open space system.”
- Enhances the “walkability” in the Goldie Mill Neighbourhood and Downtown
- Connects directly to existing trail network



Norwich Street Bridge

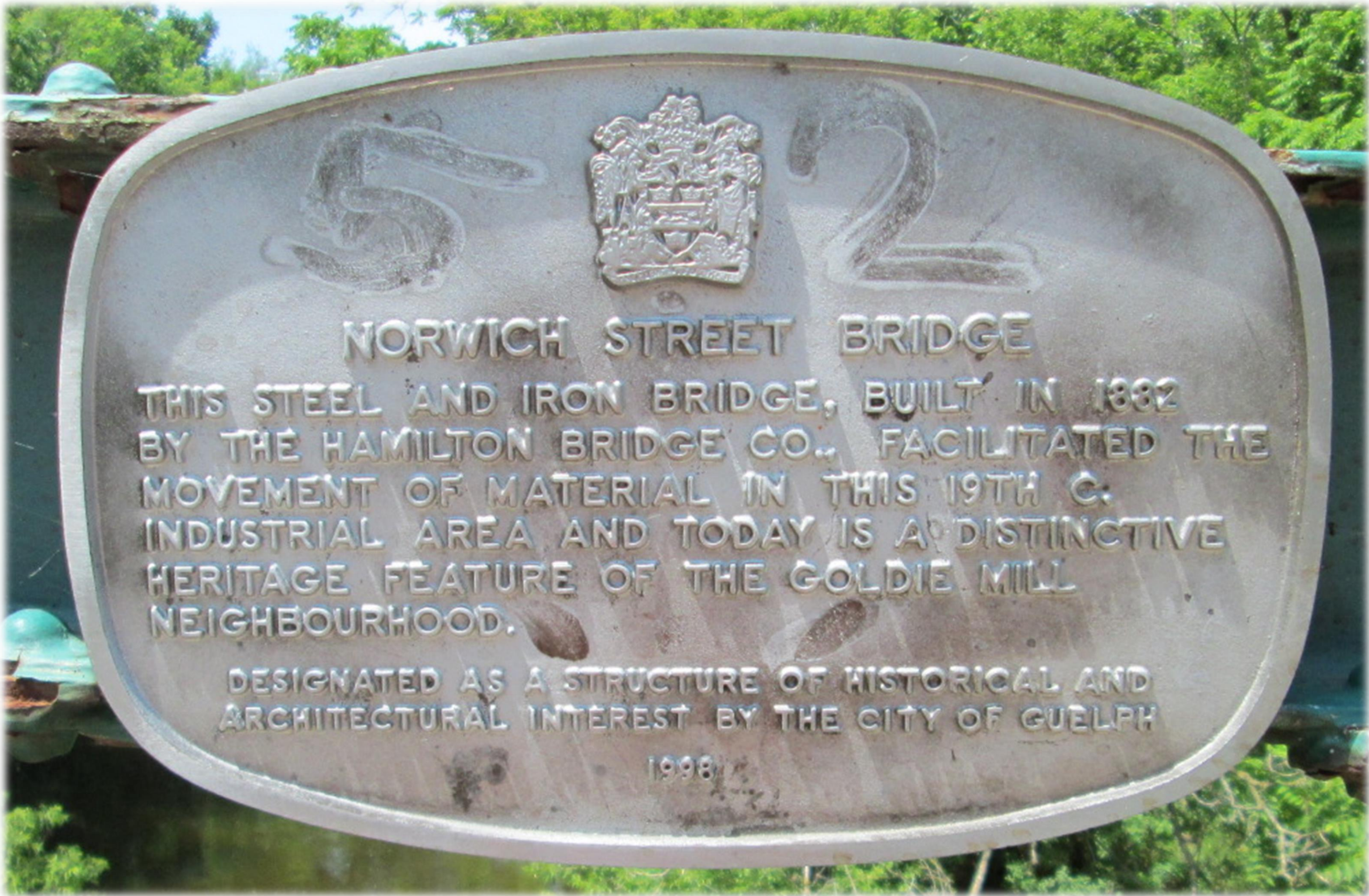
Existing conditions:

- Structure is in poor condition with severe corrosion and complete loss of section noted in isolated locations
- Concrete and masonry walls have areas in poor condition
- Rotting of timber bridge deck
- Need for appropriate support structure for watermain and sanitary sewer crossings



City of Guelph By-Law (1998)-15786

- Designates the Norwich Street Bridge as a structure of architectural and historical significance.
- Designation applies to the entire steel and iron bridge structure (1882) as well as the date plates.
- Heritage Designation plaque added to the north truss.



Province of Ontario

Document General
Form 4 — Land Registration Reform Act, 1984

(1) Registry ☒ Land Titles ☐ (2) Page 1 of 5 pages

(3) Property Identifier(s) Block Property Additional: See Schedule ☐

(4) Nature of Document
BY-LAW NUMBER (1998)-15786

(5) Consideration
Dollars \$

(6) Description
The Norwich Street bridge, located over the Speed River, in the City of Guelph, in the County of Wellington, Province of Ontario, shown on Registered Plan 40 as a proposed bridge, and includes lands known as part of Bridge Street, Part of the Island at the foot of Norwich Street, in River Speed, Registered Plan 8, and Part of the Bed of River Speed.

(7) This Document Contains: (a) Redescription New Easement Plan/Sketch ☐ (b) Schedule for: Description ☒ Additional Parties ☐ Other ☒

FOR OFFICE USE ONLY
796107
CERTIFICATE OF REGISTRATION
WELLINGTON (51) GUELPH
'98 JUN 25 AM 9 53
LAND REGISTRATION
Additional: See Schedule ☐

New Property Identifiers
Executions
Additional: See Schedule ☐

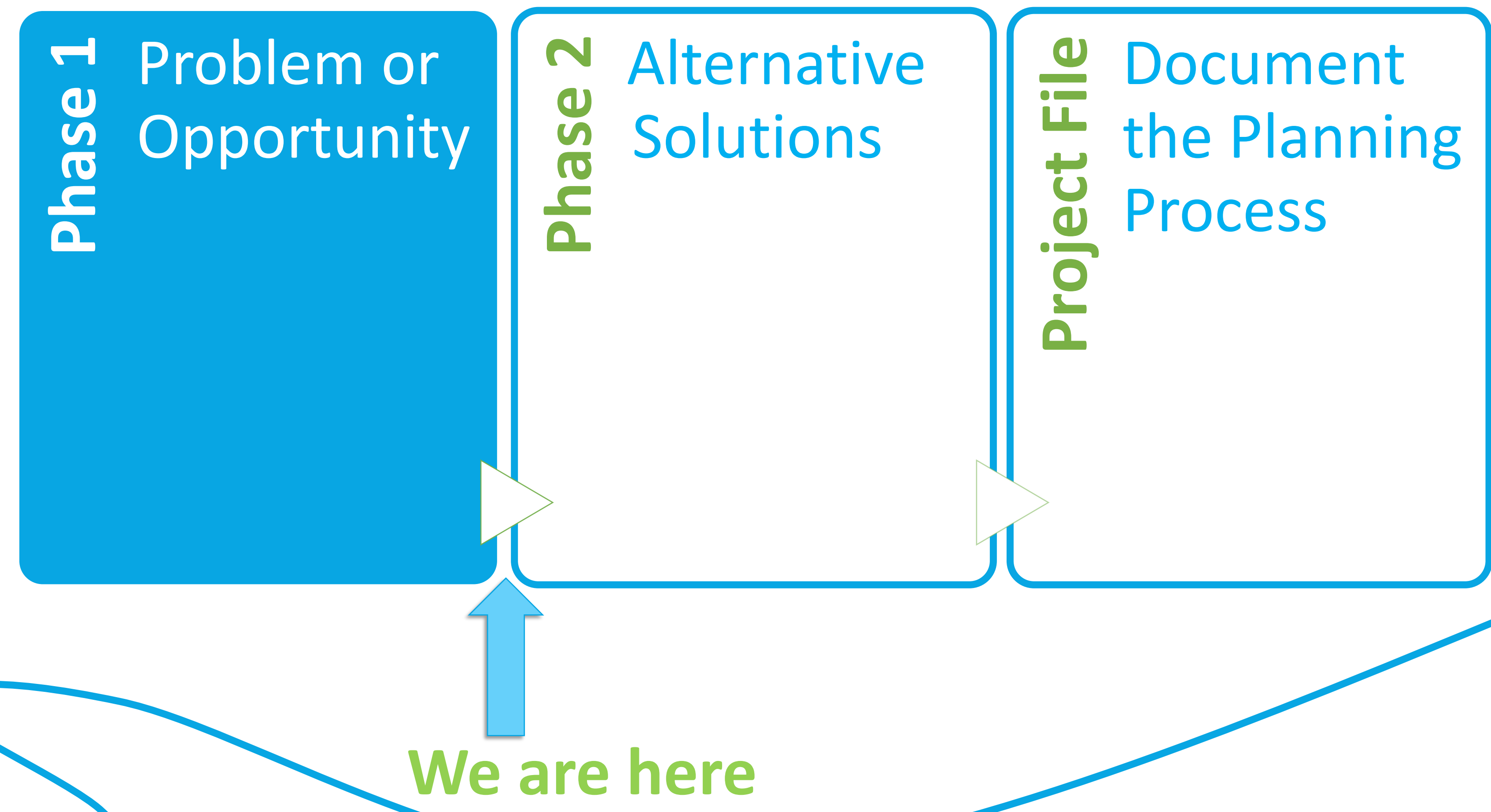
Our Study Process:

- This study is being undertaken as a Schedule “B” Municipal Class Environmental Assessment (EA)
- Two phase planning process under the Ontario EA Act
- Requires all reasonable alternatives to be considered
- Primary goal is to minimize or avoid impacts on the community and surrounding environment

Based on our understanding of existing and future needs of this community, the **Problem / Opportunity Statement** for this study is:

“The City of Guelph plans to explore how to best maintain this heritage crossing while balancing social, cultural, natural environment, technical and economic responsibilities.”

Phase 1: Problem/Opportunity	Phase 2: Alternative Solutions
Description of the problem and/or opportunity to be addressed by the project	Feasible ways of solving the identified problem(s) or addressing the opportunity(ies), from which a preferred solution is selected (in other words, how can the problem be addressed?)



Pedestrian and Cyclist Intercept Surveys

What we heard from local walkers and cyclists

How often do you use this bridge?

Most common responses: Daily; Weekly

What do you like about walking or cycling here?

Most common responses: Connects Neighbourhood to Downtown / Parks / Trails; Green Space / Nature; Bridge Aesthetics / History / Heritage

If you were to change anything about this crossing, what would it be?

Most common responses: Nothing; Change the Wood Deck; Hard to Navigate Gates / Bollards

What would your concerns be with using the Eramosa Road Bridge instead of this one?

Most common responses: Traffic / Width of Sidewalk / No Bike Lanes; Distance / Wouldn't Walk or Cycle; Air / Noise Quality; Steep Grades on Eramosa Road

What elements or features of this bridge are important to you?

Most common responses: Bridge Aesthetics / History / Heritage; Green Space / Nature; Connects Neighbourhood to Downtown / Parks / Trails

Comments provided to GM BluePlan staff by cyclists and walkers on the morning of September 10 and the evening of September 15, 2016.



Evaluation Criteria to Guide the Selection of Alternatives

Which are most important to you? Why? Are we Missing Any?

Evaluation Criteria		Proposed Measures	Which Criteria are Most Important to you? Why?
Technical		<ul style="list-style-type: none"> • Connects existing trail network with east Goldie Mill Neighbourhood • Provides support for water and sanitary utility crossings • Does not impact existing overhead utilities • Minimized construction duration 	
Financial		<ul style="list-style-type: none"> • Construction (capital) cost • Operations and maintenance cost 	
Legal/Jurisdictional		<ul style="list-style-type: none"> • Potential property impacts • Conformity with By-Laws, the Official Plan, other land use designations and policies • Designated under Ontario Heritage Act 	

Evaluation Criteria to Guide the Selection of Alternatives

Which are most important to you? Why? Are we Missing Any?

Evaluation Criteria		Proposed Measures	Which Criteria are Most Important to you? Why?
Environmental		<ul style="list-style-type: none"> • Potential impact on vegetation and wildlife • Potential impact on the Speed River (water quality, fisheries) 	
Social/Cultural		<ul style="list-style-type: none"> • Level of safety for pedestrians and cyclists • Relative convenience of trail users • Potential for visual impacts • Potential impact on adjacent land uses (existing and planned) • Potential impact to built heritage resource 	

Next Steps in the Study Process

- Based on today's input, we will develop and evaluate alternatives for the Norwich Street Bridge, and identify the most technically feasible solutions that provide the greatest value to residents
- We will present our findings at a second public open house **this winter**
- We will complete the Project File (*similar to a final report*) in **early spring**
- Once the preferred alternative is selected, we will develop a conceptual design that will be carried through to detailed design and construction
- We will continue to engage residents and key stakeholders on all facets of the project

To learn more about the study, please visit www.guelph.ca/construction or contact:

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