

Welcome

Macdonell and Allan Structures, and Wyndham Street
Municipal Class Environmental Assessment Studies

Public Open House

November 2, 2022
6:30 - 8:30 p.m.

Please review the materials and provide your comments on the sheets available, or online, by November 16, 2022.

Staff are available to answer your questions.



Creating a place for everyone.

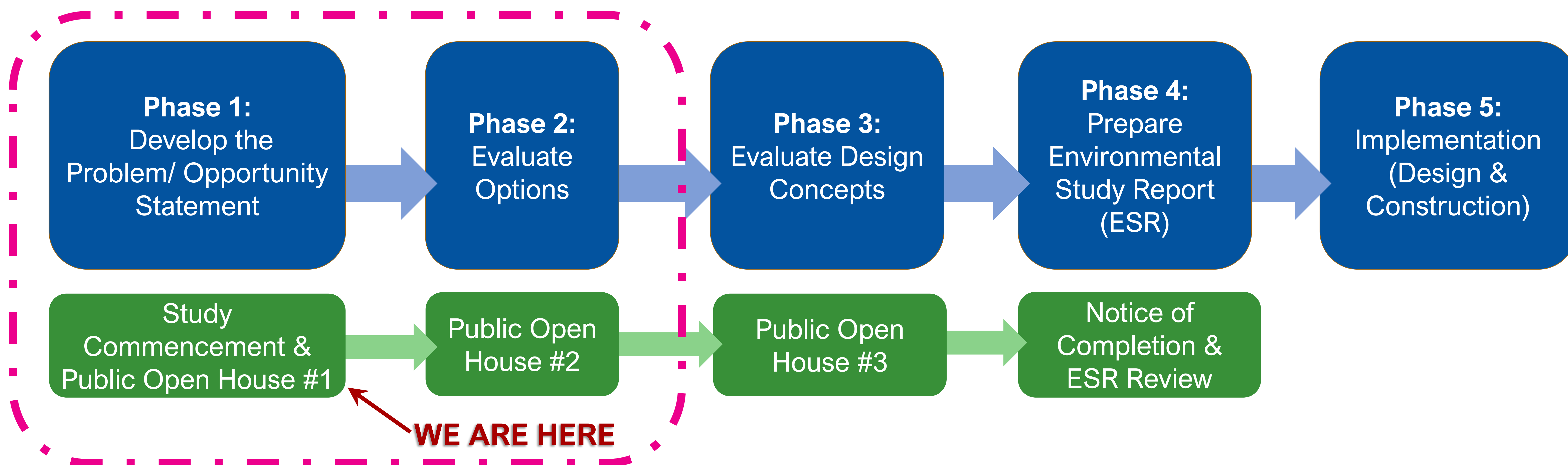


Project approach and timeline



What is the Municipal Class EA Process?

- Ensures all reasonable options are considered
- Reduces impact on the natural, cultural, social and economic environment
- Input from the public, stakeholders and technical agencies is essential



— · — Wyndham Street Class EA

What is the Downtown Renewal Project?

Downtown Guelph is a thriving and vibrant place. It also has aging water and sewer pipes, roads and sidewalks. Some of it is over 100 years old and needs to be replaced. Replacing and improving this **downtown infrastructure is key to Guelph's overall long-term sustainability.** Through downtown renewal we will:

- Improve the way we move through downtown, for people who walk, ride bikes, take transit and drive.
- Replace aging infrastructure (underground pipes, sidewalks etc.) to support development.
- Build flexible streets to create beautiful and vibrant public spaces.

This all contributes to the economic vitality of Downtown Guelph.



Note: Map is for informational purposes only and is not to scale

4a) Downtown Renewal Study Area

Macdonell Bridge and Allan Structures EA – Study Area and Goals

One of the Environmental Assessments focuses on the Macdonell Street Bridge area as a whole. The goals are to:

- Address structural deficiencies identified in recent bridge inspections
- Enhance road safety, operations, and connectivity for vehicles, pedestrians, cyclists, and transit to support the community building goals of the City
- Improve traffic operations and safety at the Wellington / Woolwich / Macdonell intersection.



20a) Macdonell and Allan Structures Class EA Study Area

Macdonell Bridge Options

1. Do Nothing: No improvements.
2. Rehabilitate the Bridge: Undertake repairs to the existing bridge.
3. Replace the Bridge
 - a) Replacement of the entire bridge.
 - b) Replacement of the superstructure (deck, railing etc.), and rehabilitation of the substructure (piers, abutments etc.).
4. Keep Existing Bridge for Pedestrians and Cyclists Only: Close bridge to vehicular traffic. Bridge becomes pedestrian and cyclist crossing only.
5. Remove Bridge: Remove the bridge and redirect vehicular, pedestrian and cyclist traffic to other crossings.



21a) Macdonell Bridge Aerial View



21b) Macdonell Bridge

Allans Dam Bridge Options

1. Do Nothing: No improvements. Bridge continues to deteriorate.
2. Rehabilitate Bridge for Pedestrians & Cyclists: Rehabilitate bridge to accommodate pedestrians and cyclists only.
3. Remove Bridge: Permanent closure and removal of the bridge.



22a) Allans Dam Bridge



22b) Allans Dam Bridge Closure

Allans Dam Sluiceway & Spillway Options

1. Do Nothing: No improvements. Sluiceway and spillway continue to deteriorate.
2. Rehabilitate Sluiceway and Spillway: Undertake necessary repairs to the existing sluiceway and spillway.
3. Remove Sluiceway and Rehabilitate Spillway: Speed River elevation continues to be controlled by existing spillway, with no sluiceway operations.
4. Remove Sluiceway and Spillway: Complete removal of the existing sluiceway and spillway. Speed River elevation is no longer controlled.
5. Remove Sluiceway and Spillway and Build a New Dam: Speed River elevation is controlled by a new dam.



23a) The sluiceway is a concrete channel with a metal gate to carry excess water.



23b) The spillway forms a weir to control the Speed River elevation, previously used to for the now-removed Allan's Mill.



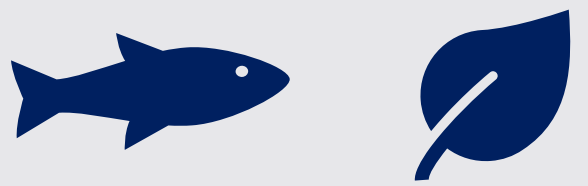

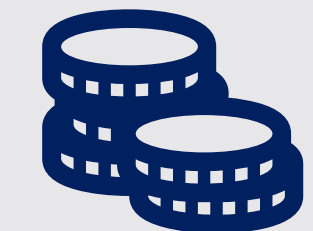
Removing these structures may change the way the area looks. Talk to the project team to learn more.

Next Steps

- Review and address the comments submitted at and following POH.
- Consult with additional stakeholders and technical agencies, as required.
- Evaluate solutions and complete supporting studies – Fall 2022 / Winter 2023.
- Present preliminary recommendations at 2nd Public Open House – Spring 2023 (date to be confirmed).

Next Steps – Evaluation of Options

The options will be comparatively evaluated based on criteria representing the broad definition of the environment, as described in the *EA Act*.

Criteria	Description
Technical 	How will the option serve the existing and future vehicular, pedestrian and cycling traffic needs? Does the alternative adequately address the structural requirements of the project?
Socioeconomic Environment 	What impacts will the option have on the local community (e.g., compatibility with area land use, impacts on local businesses, property requirements, access restrictions, etc.)? Will the option support the function of Downtown business?
Natural Environment 	How does the option affect existing vegetation, water quality, fisheries/wildlife and habitat? Does the option address climate change mitigation and adaptation considerations?
Cultural Heritage Resources 	Will the option affect archaeological, cultural heritage resources or Indigenous communities?
Financial 	What is the capital cost of the option? What is the cost for utility relocations and property acquisitions? What are the operation and maintenance costs?

Remember to provide your comments on the sheets available, or online, at haveyoursay.guelph.ca/downtown-renewal by November 16, 2022.

