



Emma to Earl Active Transportation Bridge

AAC meeting – October 17, 2023

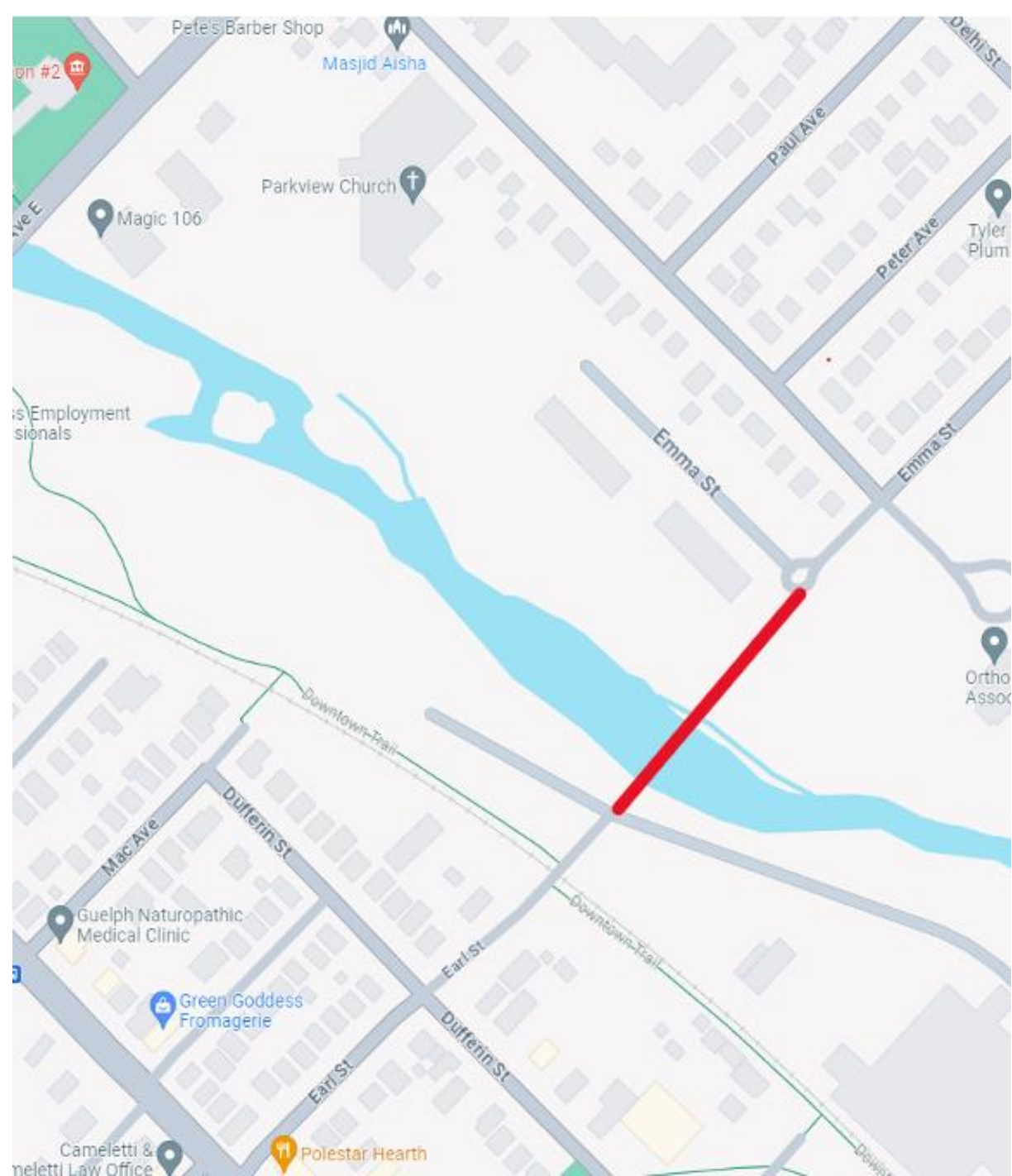
Project Manager – Jackie Kay, Design and
Construction

Agenda

1. Introduction
2. Project Update
3. Design and Accessibility
4. What's Next?
5. Questions and AAC Motion

Introduction

The Emma to Earl active transportation bridge will provide a pedestrian and cycling link across the Speed River.



Project Timeline

- Design Consultant was hired in January 2023
- Accessibility Advisory Committee presentation February 2023
- Project was paused in April 2023
- Project restarted in July 2023
- Have your Say for public input October 2, 2023 – October 24, 2023
- Accessibility Advisory Committee presentation October 2023

Design details to date

We are proposing two design options:

- Steel girder bridge
- Cable stayed bridge

Design elements for both bridges include:

- A concrete deck with curb at each edge
- 4 m width between curbs

Steel Girder – river view



Steel Girder Bridge – bridge view



Cable Stayed Bridge – river view



Cable Stayed Bridge – bridge view



Design and Accessibility

We will be back to seek your input regarding the following elements

- Ramps and/or stairs
- Street furniture (if applicable)
- Signage (if applicable)
- Handrails
- Detectable warning surfaces

Design standards

In addition to all provincial, structural and accessibility design codes and regulations, the design team will be incorporating design elements from:

- Facility Accessibility Design Manual (FADM)
- Linear Infrastructure Standards (LIS)
- Tree Technical Manual
- Master Plans for cycling, trails and transportation
- Emma to Earl Municipal Class Environmental Assessment

What's Next?

Updated project plan

- Developed 2 design options (previously planned for 3 design options)
- Survey will not be completed at this stage since both design options have same deck material and width and additional design details have not been developed for review/comment
- AAC and public responses will inform the selection of the preferred design, and the detailed design process will begin
- Present detailed design to AAC in Q1, 2024
- Complete Public Information Centre about the construction phases and timing, and infrastructure impacts
- Construction completed by Q4, 2025

The slide features several large, overlapping geometric shapes in teal, green, and yellow. A large teal shape is in the top right, a green one is in the middle right, and a yellow one is in the bottom right. On the left side, there are teal and green shapes at the top and bottom, and a yellow shape in the middle.

“ Questions and AAC Motion

Recommended Motion

That the AAC receive the information provided regarding the two design options for the Emma to Earl Active Transportation Bridge and participate in the Have Your Say public engagement that is currently available until October 24, 2023.