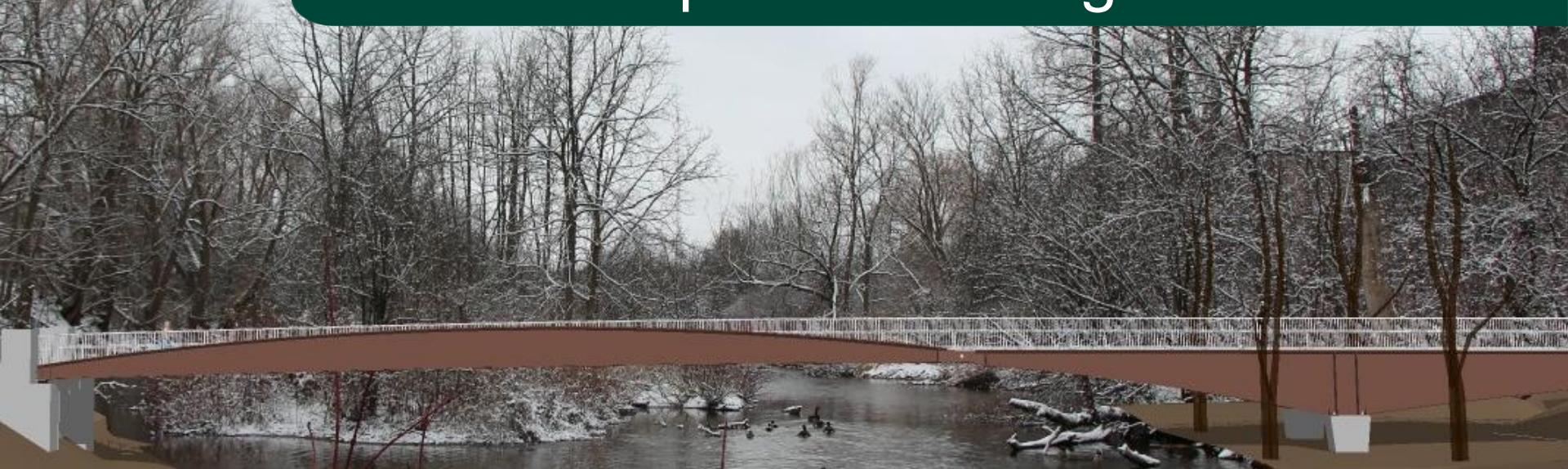




Emma St. to Earl St. Active Transportation Bridge



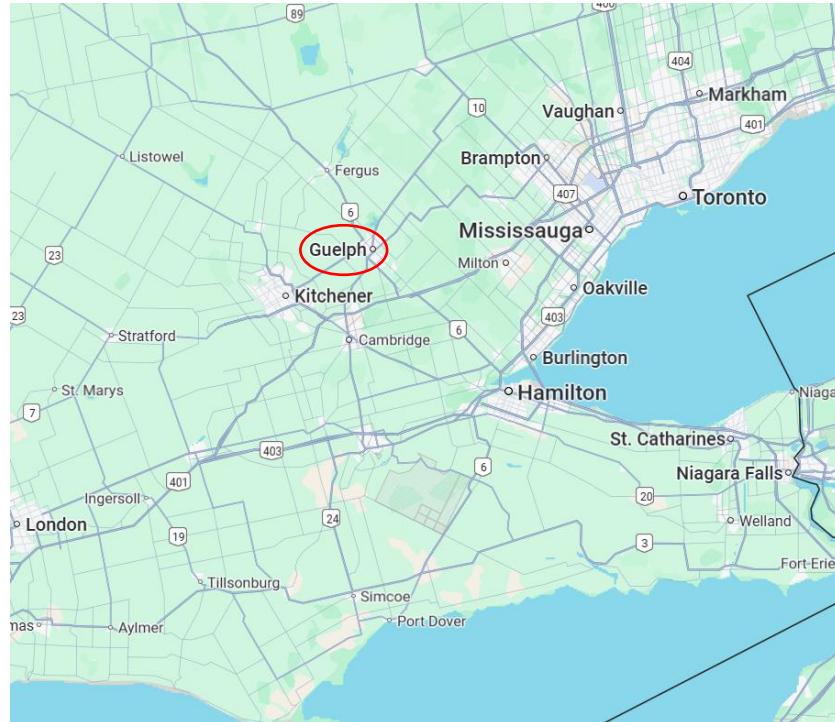
london.ca

Jackie Kay
November 13, 2025



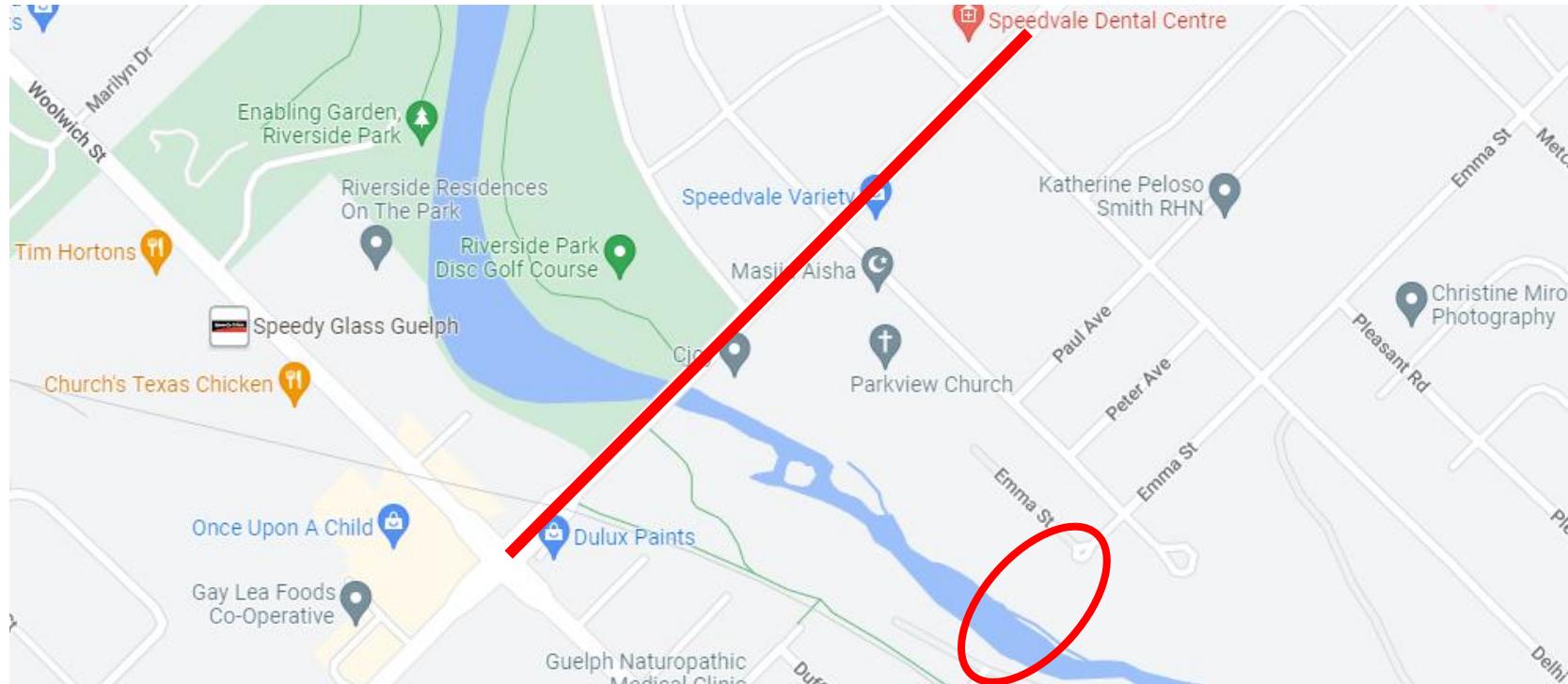


Location



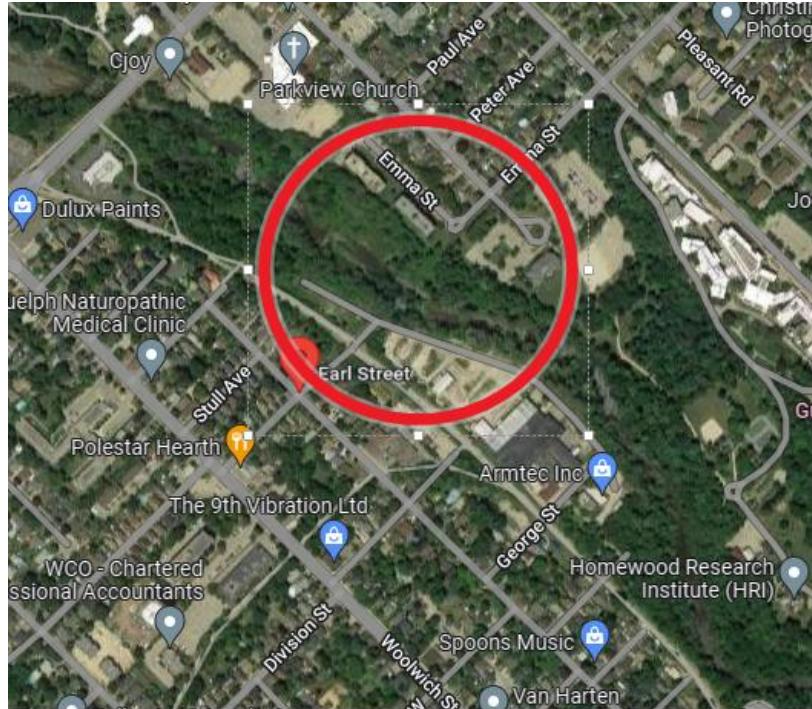


Location





Why a pedestrian/cycling crossing?



- Speedvale Avenue corridor between Manhattan Court and Woolwich Street is too narrow to accommodate cycling facilities
- Background Studies
 - Trail Master Plan
 - Local Growth Management Strategy

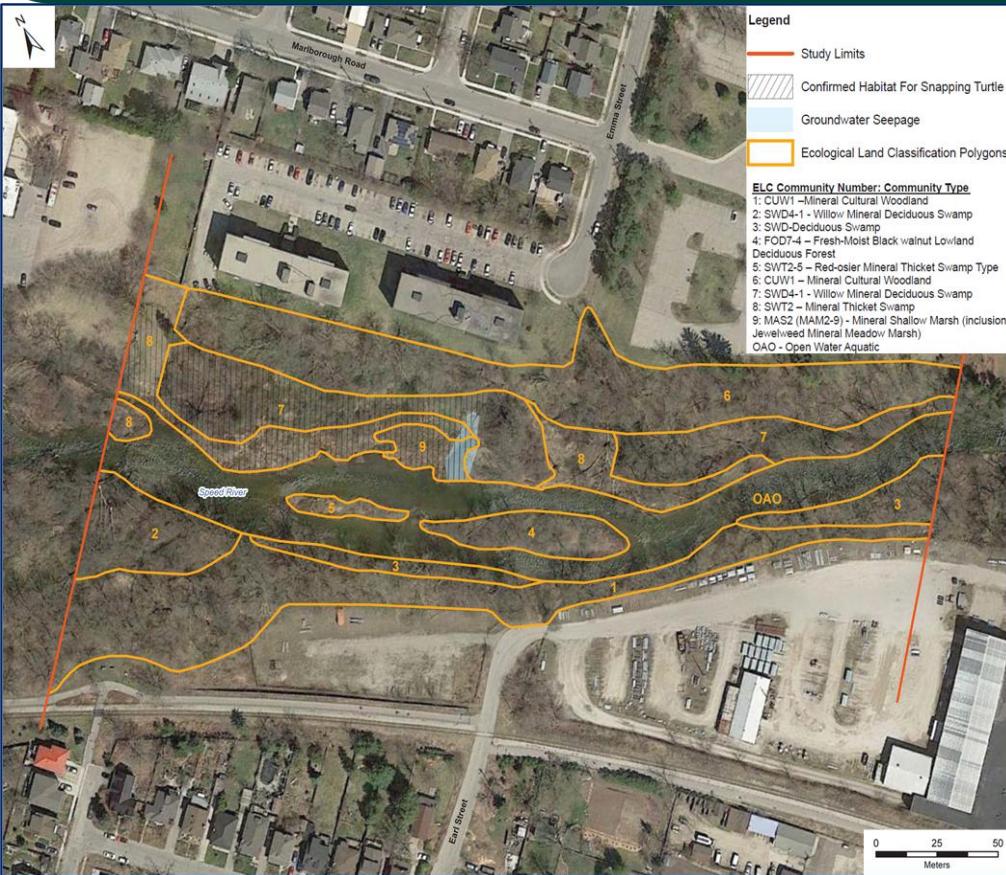


Opportunity Statement

“The Emma Street to Earl Street bridge shall ultimately be designed as a pedestrian and cycling bridge, that provides a car free route for cyclists and pedestrians traveling between downtown and the north-east corner of the City of Guelph, with the least impact on the natural environment within Speedvale River Valley.”



Natural Heritage System





Archaeological Assessment





Design Alternatives

- Do Nothing
- Alternative 1 – Single span bridge
- Alternative 2 – Two span bridge
 - A) Including hydro relocation
 - B) Incorporate hydro within bridge
- Alternative 3 – Three span bridge

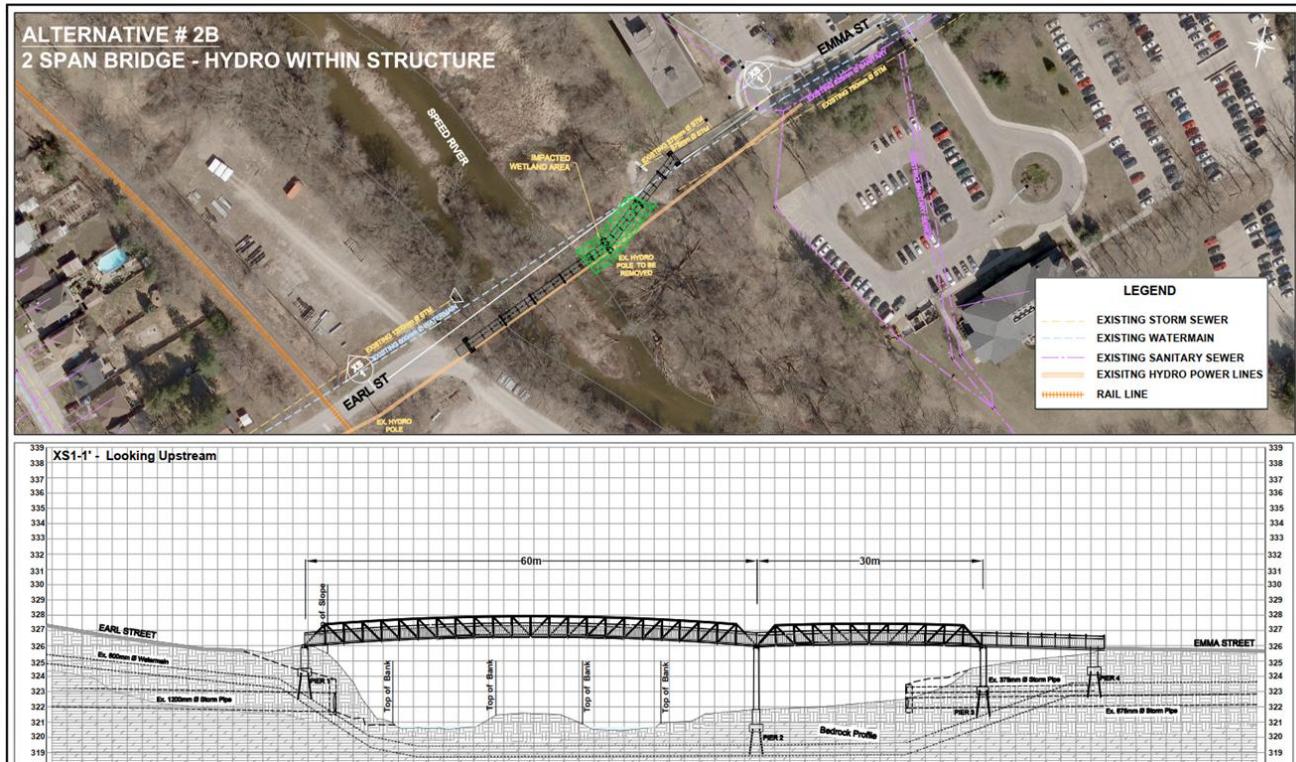


Evaluation Criteria

| Evaluation Criteria | Do Nothing | Alt 1 – Steel Cable Suspension Single Span | Alt 2a – Steel Box Truss – Double Span – Hydro Relocation | Alt 2b – Steel Box Truss – Double Span – Hydro within Structure | Alt 3 – Steel Box Truss – Triple Span |
|-------------------------|------------|--|---|---|---------------------------------------|
| Physical and Natural | 11 | 10 | 7 | 10 | 3 |
| Social and Cultural | 6 | 13 | 12 | 12 | 11 |
| Technical & Engineering | 10 | 11 | 10 | 10 | 7 |
| Economic | 8 | 2 | 5 | 5 | 5 |
| Total | 35 | 36 | 34 | 37 | 26 |
| Ranking | 3 | 2 | 4 | 1 | 5 |



Preferred Alternative





After the study was completed.....

- Part II Order – 2019
- Section 16 – 2022
- Design started - 2023
 - Stage 2 Archaeological Assessment
 - Land acquisition
 - Geotechnical investigation
 - Tree removal
- MECP review during construction - 2025



Construction





Construction



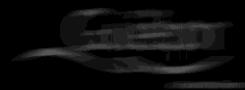
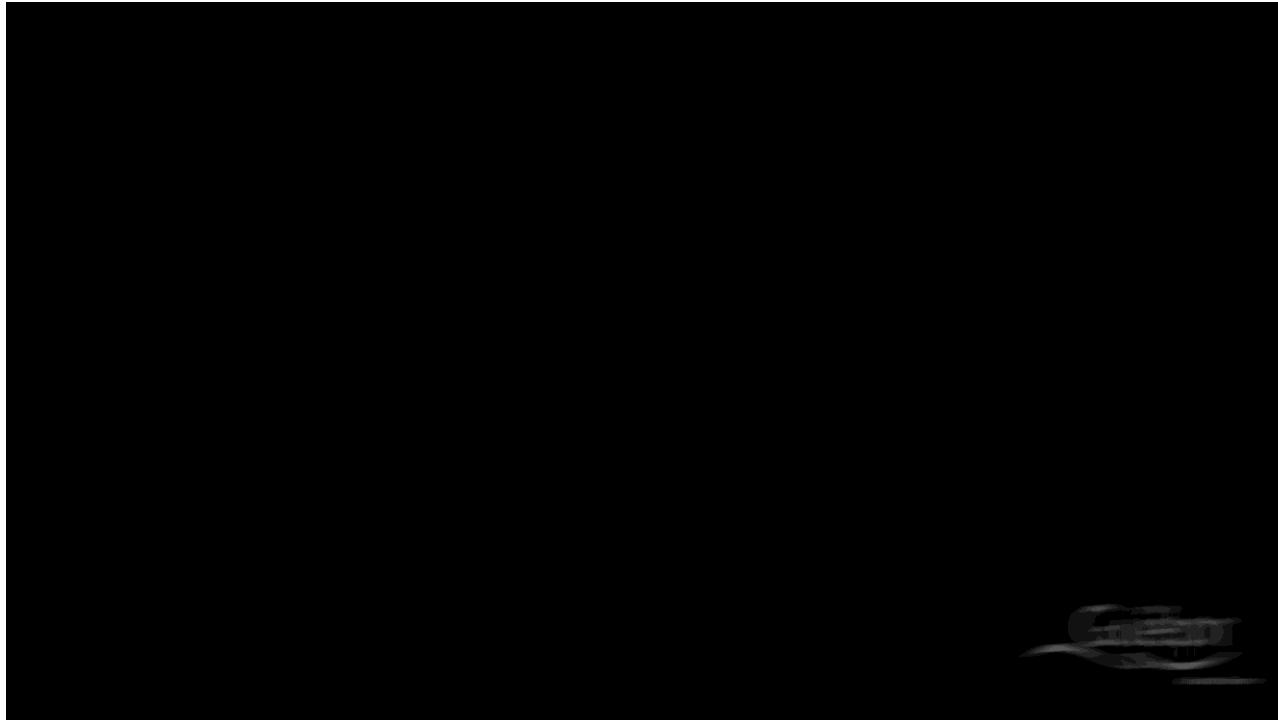


Construction





Construction





Questions?

