

Archaeological Assessment

- Conducted Stage 1 assessment at the proposed location of the McHugh Multi-Use Bridge
- Stage 1 assessment included a desktop review of historical information
- Findings indicated that undisturbed portions of the subject property have archaeological potential and warranted a Stage 1 property assessment
- A property assessment was carried out on April 13, 2018
- The property assessment reviewed undisturbed portions to determine if a Stage 2 assessment was warranted
- The property assessment concluded that archaeological potential has been removed due to modern soil disturbance and further archaeological assessment is not required
- Report and findings are being submitted to the Ministry of Tourism, Culture and Sport (MTCS)

Natural Heritage Assessment

- Consultation underway with Essex Region Conservation Authority (ERCA) and Ontario Ministry of Natural Resources and Forestry (MNRF)
- Field investigations are to be undertaken at each proposed Multi-Use Bridge in May and August 2018
- Field investigations will document and inventories the aquatic ecosystem of the Little River and the terrestrial ecosystem, including wildlife, botanical species and potential for Species at Risk (SAR)
- Approvals are anticipated to be needed from ERCA as development will occur within and adjacent to the Little River. The Little River is regulated by ERCA under Ontario Regulation 158/06 (*Conservation Authorities Act*)
- Impacts from the project works will be evaluated and documented through the Department of Fisheries and Oceans (DFO) Self-Assessment process to comply with the *Fisheries Act*
- Project will be designed to minimize impacts to the greatest extent possible. Mitigation measures will be developed to protect identified natural heritage features during construction

Multi-Use Bridge Design Alternatives

- Re-use of Parkway girders (I-Beam) to form the bridge superstructure
- Pre-fabricated steel truss or beam bridge
- Pre-fabricated timber bridge



I-Beam Bridge



Pre-fabricated Steel Bridge



Pre-fabricated Timber Bridge