Clark’s Bridge on Wellington Street just north of Grand Avenue takes commuters along one of London’s busiest transit routes over the south branch of the Thames River. This project is part of the Rapid Transit initiative and aims to improve traffic flow for transit users and drivers, and enhance active transportation along the route by widening the structure by about 10 metres (9.4). This widening would make room for an additional two traffic lanes and a multi-use path on the east side of the bridge that would connect cyclists, pedestrians and runners to the Thames Valley Parkway system. The additional width can support either future implementation of transit-only lanes in line with London’s Rapid Transit Environmental Assessment, or future widening of Wellington Road to increase general transportation network capacity. The projects completed Environmental Assessment can be found at https://www.londonbrt.ca/epr/

Figure 1 – Wellington Road / Thames River Bridge Site

2 Project Objective:

Widening of the existing structure on Wellington Road over the Thames to accommodate the addition of two rapid transit lanes and a multi-use pathway.

3 Design Criteria:

The design must be in accordance with the TAC, CHBDC, and other applicable design guidelines. Additional requirements include:
- Must accommodate two lanes (one lane each direction) of bus transit traffic
- Maintain the current number of vehicle through lanes
- Accommodate all modes of transportation, including a 3m multi-use pathway for cyclist and pedestrians, transit and motor vehicles.

4 Project Deliverables

Design brief, set of construction drawings, and cost estimate. The Design Brief shall discuss traffic management, construction techniques and their suitability, structural details, operational considerations and environmental concerns. The drawings shall detail the cross-section, superstructure and substructure. The Drawings shall detail the solution completely. The cost estimate will include capital and maintenance costs.