



# QEW / CREDIT RIVER IMPROVEMENT PROJECT

Construction on the QEW/Credit River Improvement Project has started.

## ACTIVE TRANSPORTATION BRIDGES

Two Active Transportation (AT) crossings will be constructed within the project limits of the Queen Elizabeth Way (QEW) / Credit River Improvement Project

A north-south AT crossing of the QEW at Stavebank Road, and an east-west AT crossing of the Credit River were identified in the City of Mississauga 2010 Cycling Master Plan. More information on the City's Cycling Master Plan and background of the AT crossings can be found here:

<https://www.mississauga.ca/projects-and-strategies/environmental-assessments/credit-river-active-transportation-crossings/>

## NORTH – SOUTH CROSSING

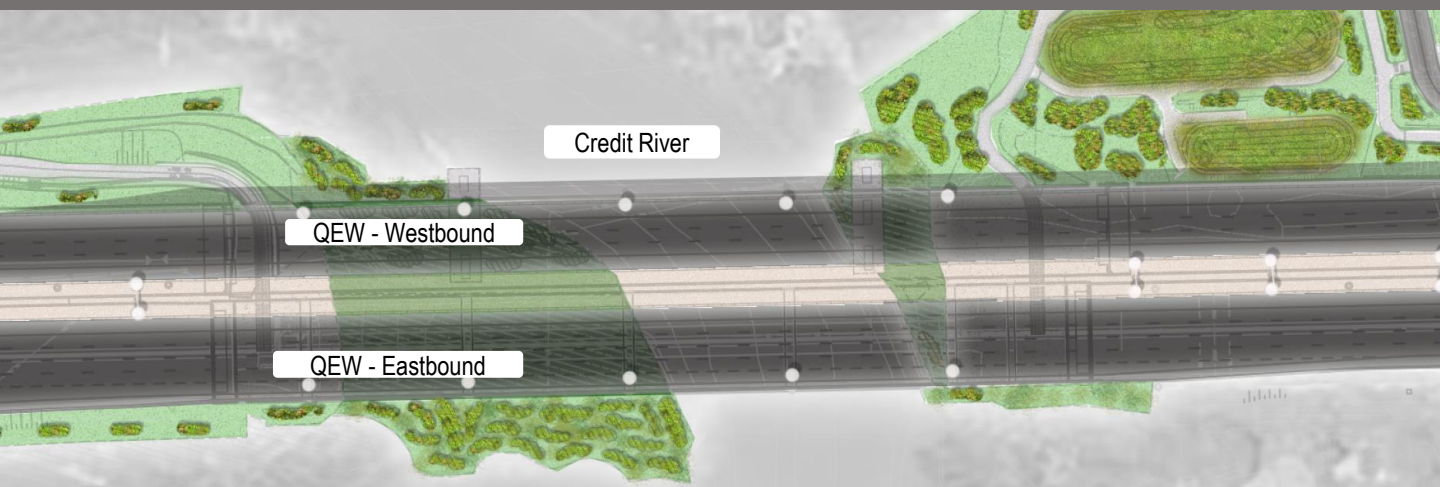
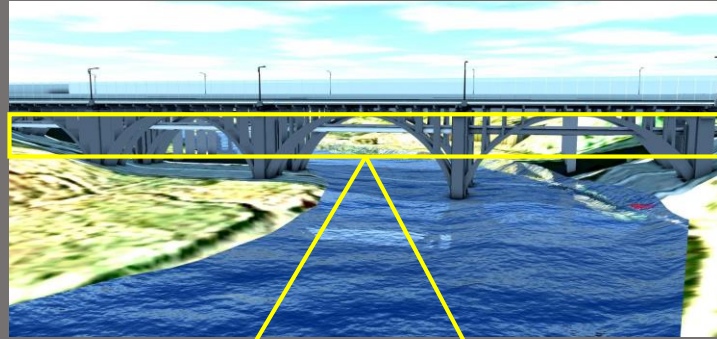
- Design information for this AT crossing is presented in DCR #2, which is available on the project website.
- This bridge crossing will allow pedestrians, cyclists and other users to cross over the QEW, with connection to the new multi-use trail on Premium Way.
- The bridge structure will be 3.5 m wide and provide an accessible platform for pedestrians, cyclists and mobility assistive devices.
- It will include safety barriers, handrails and guiderails installed along the side of the bridge and ramps.
- Aesthetic elements, which will be developed through consultation with the City of Mississauga will be incorporated into the ramp components

## NORTH – SOUTH CROSSING



## EAST-WEST CROSSING

- Design information for this AT crossing was presented at the August Public Information Center and will be presented in DCR #3 (October 20, 2021).
- This bridge will allow pedestrians, cyclists and other users to cross the Credit River with connections between Mississauga Road and Premium Way along the new multi-use pathway.
- It will provide a new vantage point to view the river, valley and the heritage architecture of the existing bridge.
- The crossing will be 7.6 m wide and provide an accessible platform for pedestrians, cyclists and mobility assistive devices
- Protective picket barrier with guard rails and handrails will be installed. The picket barrier will provide safety while allowing views of the river .
- Pole mounted lights will provide visibility at night, or during low light conditions
- Commemorative displays will be incorporated into the multi-use trail network. Consultation with Indigenous Communities and the City of Mississauga on the commemorative strategy will be completed.
- As the designs are completed, we encourage you to visit the project website to learn more about commemoration elements.





## STORMWATER MANAGEMENT

Building on prior work for the Project, EDCO have completed an analysis of drainage and stormwater management within the Project limits. EDCO's analysis considered a number of related design criteria and standards provided by regulatory agencies.

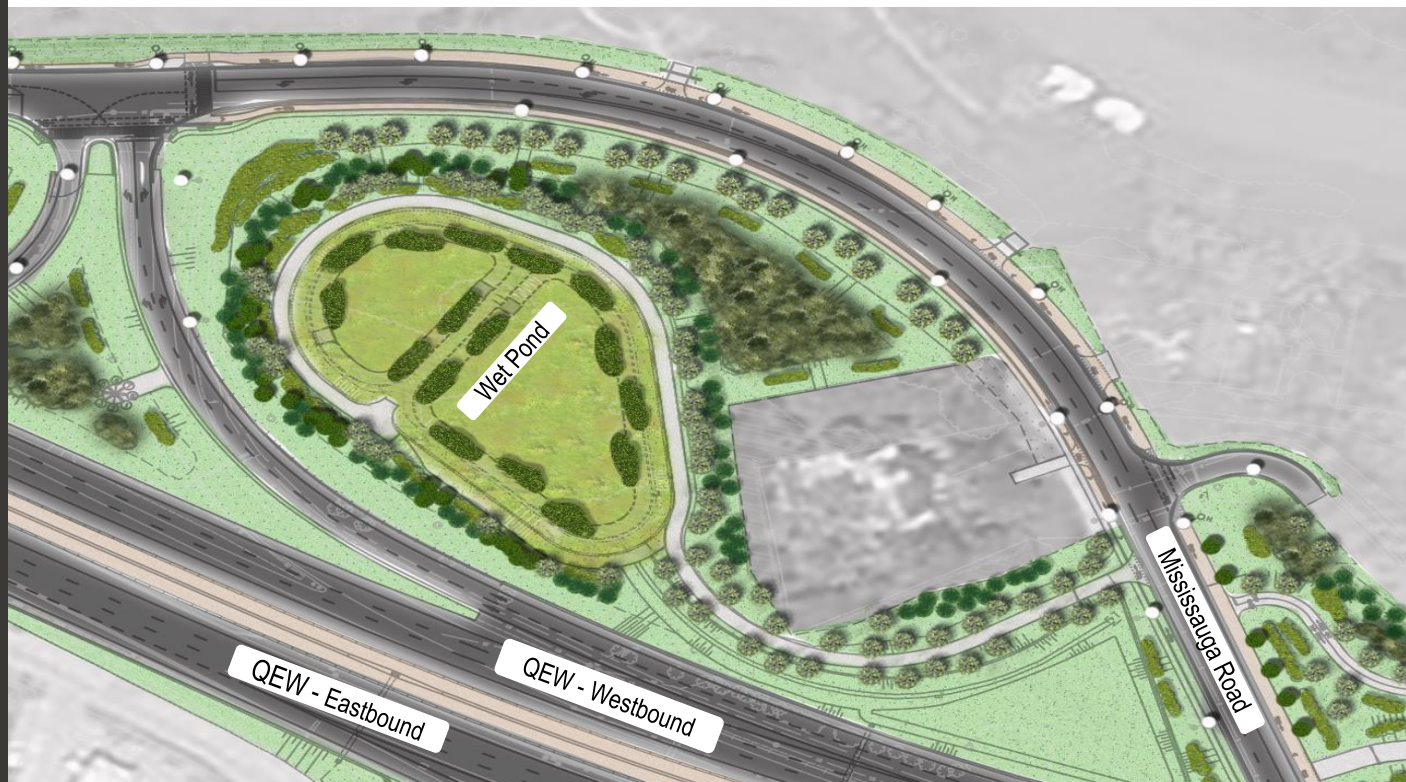
The resulting drainage and SWM design includes:

- Replacement of culverts to accommodate the roadway and drainage improvements;
- Installation of new storm sewers to accommodate the widening of the highway and the realignment/reconstruction of municipal roads; and,
- Directing flows from the majority of the QEW to 2 new SWM facilities:
  - Wet Pond within the Mississauga Road interchange between the westbound off-ramp and Mississauga Road; and,
  - Dry Pond on the north side of the QEW, east of the Credit River.

### Wet Pond at Mississauga Road / QEW Interchange

The wet pond within the northeast part of the Mississauga Road / QEW Interchange will outlet to a new storm sewer along Mississauga Road and has been designed to:

- Receive flows from the QEW and external areas up to and including the 100-year storm event;
- Provide enhanced water quality treatment and prevent downstream impacts to the stormwater management system.



Wet Pond Landscaping Design

## STORMWATER MANAGEMENT

### DRY STORMWATER POND AT QEW AND CREDIT RIVER

The dry pond located on the north side of the QEW, east of the Credit River will outlet to Stavebank Creek and has been designed to receive flows from the QEW including discharge from the deck of the Credit River Bridges.

Additional details regarding drainage and SWM design are available in DCR 2, Appendix C, which was made available by EDCO in January 2021 on the Project website.

The landscaping design associated with both the wet and dry pond has been developed and includes plantings within and surrounding the ponds. Plant and seed species will be native to the Credit Valley Watershed and consistent with Credit Valley Conservation Authority planting guidelines.

The landscape design throughout the Project will be documented in Design and Construction Report 3 (DCR 3), available for stakeholder review on October 20, 2021.



Dry Pond Landscape Design



## COMING THIS MONTH: DESIGN & CONSTRUCTION REPORT 3



We are preparing a third Design and Construction Report (DCR 3) to provide design details for different components of the Project including the details on the multi-use trails and landscaping.

DCR #3 will be published on October 20, 2021. Stay tuned for the formal notice and further information relating to the upcoming DCR.

## CONSTRUCTION UPDATES



The project is in the first stage of construction and crews are working on the new bridge foundations, watermain and storm sewer work on Premium Way and QEW Median as well Mississauga Road .



New Credit River Bridge Foundation Work - Looking East



Mississauga Road Works - Looking South



Credit River Rowers

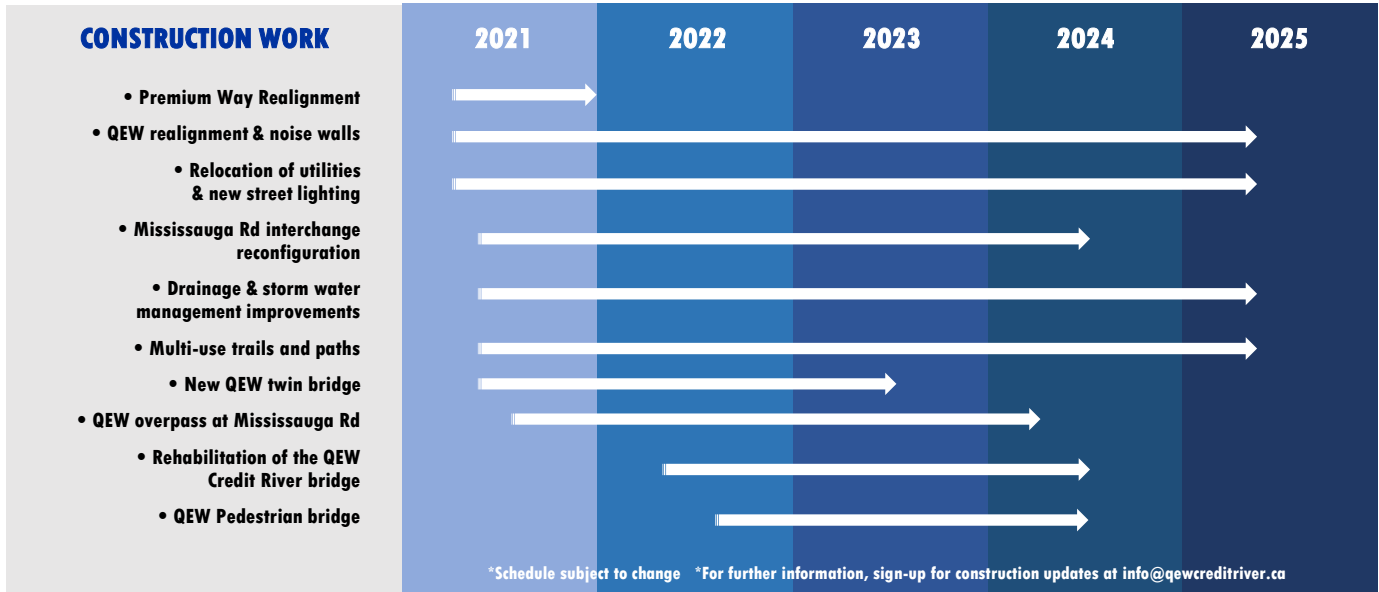


New Credit River Bridge Foundation Work - Looking West

## CONSTRUCTION SCHEDULE



Below is the visual overview of our construction schedule that will be updated as the work progresses.



Storm Sewer Equipment



Curb Work At Satvebank Road – Looking North From Premium Way

## THE COMMUNICATIONS TEAM



**EDCO** – the communications team for the QEW/Credit River Improvements project are Cameron Coleman and Melanie Abdi. Our role is to be the liaison between the project team and the public. It is our responsibility to provide construction updates and to field all comments. All comments are documented, tracked and responded to.

We will keep the public updated during each phase of the project through this quarterly newsletter, as well as through the project website: <http://qewcreditriver.ca>

At EDCO, we strongly believe that communication is key to delivering a successful project. Please reach out to us:

email: [info@qewcreditriver.ca](mailto:info@qewcreditriver.ca)

phone: 1-866-624-9114

or visit the website to subscribe for updates.