

Bloor Street West Bridge over the Humber River Bridge Rehabilitation

Anticipated Project Start Date: July, 2009
Expected Project Completion Date: December, 2010

The City of Toronto plans to rehabilitate the Bloor Street West Bridge over the Humber River starting in July, 2009 (**see map on reverse**). This work is being carried out as part of a bridge maintenance and improvement program. The purpose of the work is to:

- Restore and preserve the structural integrity of the bridge;
- Prolong the service life of the bridge;
- Achieve conformity with the current Canadian Highway Bridge Design Code; and
- Improve the durability of the structure.

Construction will begin in July, 2009 and continue until December, 2010.

Construction Details

- ❖ The project will involve: rehabilitation (repair and refurbish) of the existing structural steel; removal and reconstruction of part of the concrete bridge deck and entire sidewalk; replacement of the existing concrete parapet and hand railings; new waterproofing and asphalt; substructure repairs; localized concrete repairs; installation of new decorative bridge lighting and landscape improvements and existing staircase rehabilitation in the area below the bridge around Humber Valley Parkway.
- ❖ The work will be done in two phases.
 - **Phase 1** will involve work on the rehabilitation of the existing structural steel and on substructure repairs and localized concrete repairs. **(July, 2009 – March, 2010)**
 - **Phase 2** will be done in two stages.
 - Stage 1** will involve work on the north side of the bridge with traffic transferred to the south side. **(April, 2010 – August, 2010)**
 - Stage 2** will commence upon the completion of the stage 1. The work will be done on the south side with traffic transferred to the north side. **(August, 2010 – December, 2010)**

Pedestrian Access and Traffic Details

Phase 1 of the construction will be carried out while the bridge is opened to traffic in both directions. Depending of the rehabilitation work undertaken, periodic temporary lane closures are required during non-rush hours, at night times and on the weekends. The temporary lane closures shall not be permitted on the weekends during the special events, such as the Junction Arts Festival, Ukrainian Festival and Taste of the Kingsway Festival. These temporary lane closures will restrict traffic to a single lane in each direction. These temporary lane closures are required to reduce the live load effects to facilitate the repair to the structural steel members. In addition, closure of the staircase at the northwest corner of the bridge is required during the repair work for the two westerly spans. The construction will continue through the winter of 2009/2010.

Phase 2 of the construction will be done in two stages. One lane of vehicular traffic will be maintained in both directions for the duration of the rehabilitation work in each stage. During Stage 1, traffic will be detoured to the south side of the bridge and construction work will be carried out on the north side. During Stage 2, traffic will be detoured to the north side and construction work will be carried out on the south side.

Pedestrians will be restricted to use the sidewalk on the south side when construction is on the north side of the bridge, and the sidewalk on the north side when construction is on the south side of the bridge.

The staircase at the northwest corner of the bridge will be closed for pedestrian traffic during the period when repair work is being carried out on the north side of the bridge for the westerly end span and the staircase.

The north intersection of Riverside Drive and Bloor Street West east of the bridge will be closed during both stages of Phase 2 construction. This is required in order to provide a safer and efficient traffic staging arrangement when construction work is being carried out on Bloor Street West. Traffic will be detoured using Traymore Crescent to access this section of Riverside Drive.

Some noise is to be expected in the vicinity of the bridge during construction. All efforts will be made to minimize service interruptions during the partial removal of the concrete bridge deck and sidewalks. Minor service interruption is expected during the relocation of existing utilities. Notices will be sent out 48 hours in advance informing of any service interruptions.

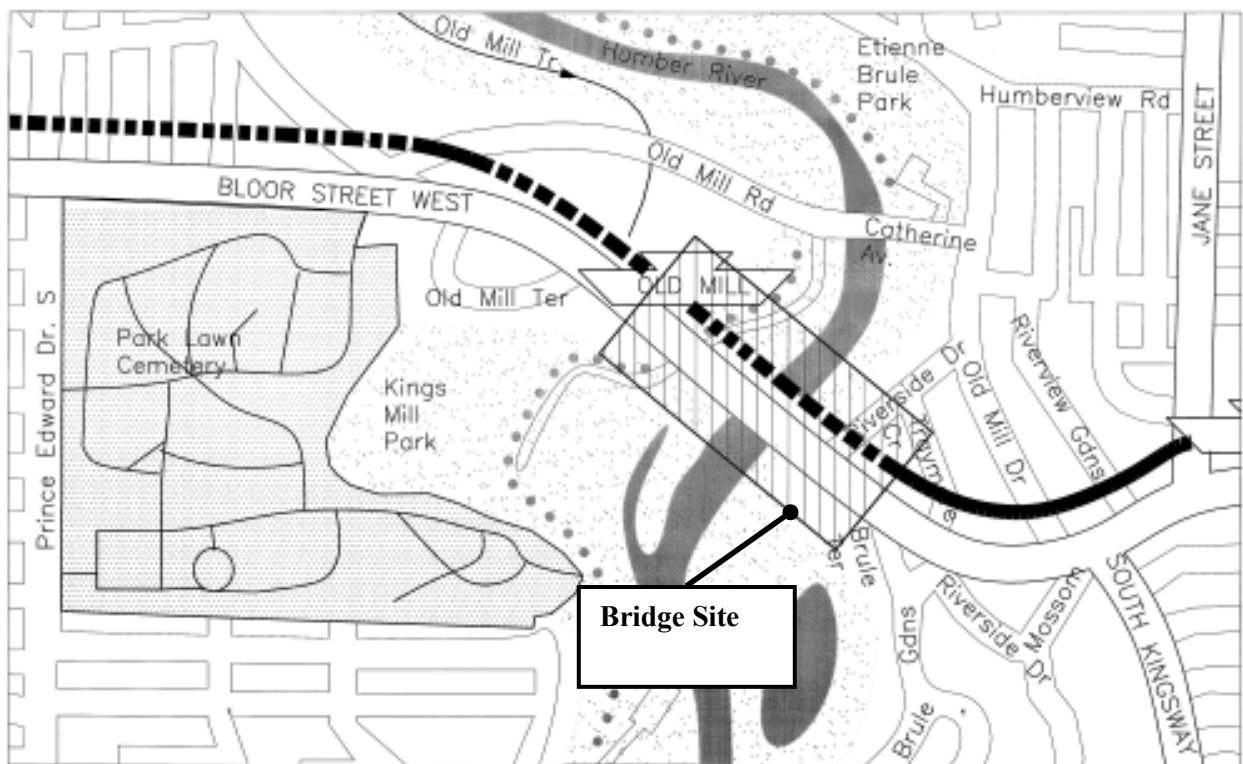
Advance traffic warning signs will be posted in the area to advise the public on traffic restrictions, lane closures and pedestrian crossings.

Access to the neighbouring homes and condominium will be maintained. Nearby schools will not be affected by this rehabilitation work.

Work Hours

Construction work will take place from 7:00 a.m. to 7:00 p.m., Monday to Friday. Extended hours and weekend work are anticipated due to the operational constraints imposed on the repair of some structural steel members and other construction activities.

Map of Work Area



Need more information?

We would like to have your comments on this project. If you would like to provide us with input, or would like more information, please contact:

Monday to Friday 8:30 a.m. to 4:30 p.m.	Larry S.W. Ng, P.Eng. Project Engineer	416-338-2852
Monday to Friday 8:30 a.m. to 4:30 p.m.	Louis Portelli Public Consultation Unit	416-392-4360
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