

Hospital Link Project

Project Update – October 2015



General

The project provides a link between Riverside Drive and the Transitway to the Hospital Ring Road. This link is needed to improve transit service to the Ottawa Health Sciences Campus, support future hospital growth, facilitate development of the National Defence Medical Centre Lands and improve traffic flow along Smyth Road.

Construction activities will occur throughout 2015, 2016 and 2017. The contractor will stage the construction over this time, so work areas will change as operations are initiated and completed. Construction is scheduled to take place from spring 2015 until December 2017 with a follow-up landscaping contract in 2018.

Work will include the construction of sewers and a watermain along the realigned Riverside Drive, construction of three bridges and construction of 1.7 km of new two lane roadway between Riverside Drive and the Ottawa Health Centre Campus. Improved cycling and pedestrian connectivity to the area will also be provided.



Key Plan of Hospital

Work Completed To Date

- The new 914mm watermain is commissioned.
- Construction of a new large diameter storm sewer is completed from the Rideau River, including an outlet structure, and currently extends easterly to Riverside Drive. This sewer will continue east along the Hospital Link and connect to the existing Moses Pepper Drain approximately 100 m west of Alta Vista Drive.
- Granular material has been placed for the majority of the Hospital Link, west of Riverside Drive as well as for the majority of the realigned Riverside Drive. Placement of curbs has also begun.
- Construction of storm sewers, manholes and catchbasins along the realigned Riverside Drive is complete except in the vicinity of the Riverside Drive structure and at the south connection point adjacent to the Smyth Transitway Station.
- Construction of storm sewers, manholes and catchbasins along the Hospital Link, west of the Riverside structure, is complete.
- Construction of the Riverside Drive structure abutments, caissons and pier columns is complete.
- Rapid impact compaction, driving of steel piles and additional footings for the Riverside Drive structure deck falsework is complete. Surcharging for the deck falsework is in place and should be completed soon. Girder support system for the west span falsework is under construction.
- Transitway structure abutments are complete, with construction of the deck falsework in-progress.
- Construction of the VIA Rail diversion embankment is nearing completion.
- Installation of street lighting has commenced on the realigned Riverside Drive and parts of the Hospital Link.

- Removal of all overhead Hydro Ottawa power cables and relocation to the new underground duct bank on Old Riverside Drive.
- Installation of underground cables, for the eventual relocation of the existing overhead cables, at the Riverside Drive structure; the cables belong to AllStream, Rogers and Fibrenoir.

Key Activities this Month

The key activities scheduled for the month of October 2015 include:

Realigned Riverside Drive

- The realigned Riverside Drive will be paved north of Frobisher Road. **Traffic will be realigned on Riverside Drive in late October or early November, weather permitting.**

Riverside Structure

- Surcharging and monitoring program for the deck falsework should be completed, followed by removal of the surcharge and beginning placement of scaffolding and falsework.
- Construction of falsework for the west span deck is expected to be completed.

Hospital Link

- Construction of cul-de-sacs on Old Riverside Drive, followed by closing Old Riverside Drive to vehicular traffic at the proposed Hospital Link road crossing may commence; this is dependent on sub-surface investigations for existing utilities and fabrication schedules of retaining wall components, among other things. Pedestrian access will be maintained for the time being.
- **Controlled blasting of rock may begin in November for sewer installation, east of Alta Vista Drive. Further notifications will be shared with the public prior to the start of controlled blasting.**

Transitway Structures

- Deck falsework, followed by placement of formwork and rebar for the deck will occur.

VIA Railway Works

- The first six sections of the precast concrete box culvert are expected to be installed under the diversion track embankment.
- Installation of the shoring for the construction of the VIA rail bridge is expected to begin.

Utilities

- Relocation of the overhead communication cables at the Riverside Drive structure, on Old Riverside Drive and along the railway corridor.

Traffic Impacts

The project has been designed to mitigate lane closures along Riverside Drive and Alta Vista Drive as much as possible. The following activities summarize the anticipated traffic impacts expected over the next month:

Traffic Impacts

- There will be no weekday peak period lane reduction on Riverside Drive and Alta Vista Drive during the month of October.
- **Off peak lane reductions on Alta Vista Drive may take place during October, where the proposed Hospital Link crosses Alta Vista Drive.** This work is required to complete water service connections to construction site trailers.
- The Riverside Drive detour will be shifted to a route similar to its original alignment, prior to the winter months. This shift is expected to begin by late October or early November 2015.
- **Old Riverside Drive will be closed to traffic once the cul-de-sacs are constructed on either side of the new Hospital Link road, which is tentatively planned for October 2015; should weather conditions not permit, the cul-de-sac work will be re-scheduled to spring 2016.** Pedestrian access along Old Riverside Drive will be maintained for the time being. Lane reductions are anticipated during construction of the cul-de-sacs and the Transitway structure deck.

General Traffic Information

- Motorists are reminded to obey reduced speed limits within construction zones and exercise caution when driving through active construction sites. Motorists are notified of changes to traffic patterns using Portable Variable Message Signs.
- Construction vehicles will be entering and exiting the work area at Alta Vista Drive. The access will be similar to any private access location and flag personnel will be posted as required if traffic issues are identified.
- Construction vehicles will be entering and exiting the work area west of Riverside Drive at the Frobisher Lane and Hincks Lane traffic signals.

Transitway Impacts

- **Periodic lane reductions and/or flagging on the Transitway during off peak hours will be on going between Smyth and Lycée Claudel stations, during the month of October.** This is required for the construction of the Transitway structure deck.

Weekend and Night Work

All night work is subject to the approved Noise By-law exemption. Residents in close proximity to the work will be provided with advance notice when night work is required.

The following activities summarize the anticipated weekend or night work over the next month.

- There is the **possibility of night work being required in November** for the installation of the railway shoring system along the VIA Rail tracks. Shoring work in October will be conducted during daytime periods.
- The first segments of the post tension culvert under the VIA diversion track will be required to be installed over a **single night, expected to take place in October.**

- The public will receive further information on any night work once schedules are confirmed.

Project Pictures

The following pictures are provided for your information.



Transitway abutments completed.



Support Girders for Riverside structure west span falsework.



Surcharge placed for the east and center span of the Riverside structure, in preparation for falsework.



Road construction of Hospital Link, west of Riverside Drive.



Road construction of Realigned Riverside, between Hincks Lane and Frobisher Lane.



Moses Pepper Drain outlet opened to the Rideau River.



Construction of VIA rail diversion embankment.