

# Hospital Link Project

## Project Update – September 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 914mm feedermain is commissioned.
- A new 2550mm storm sewer is constructed under existing Riverside Drive, and extends easterly towards the Transitway and westerly towards the Rideau River. This includes a new headwall structure at the Rideau River.
- Excavation and placement of granular material for Realigned Riverside Drive and Frobisher extension.
- Placement and compaction of the roadway granular material has commenced on Realigned Riverside Drive.
- Dynamic compaction along the Hospital Link and Hincks Lane extension.
- Construction of storm sewers, manholes and catchbasins along Realigned Riverside is complete except in the vicinity of the Riverside Drive structure.
- Construction of storm sewers, manholes and catchbasins along the Hospital Link and west of the Riverside structure is complete.
- Construction of the Riverside Drive structure abutments, caissons, pier footings and pier columns is complete.
- Rapid impact compaction, driving of steel piles and additional footings for the Riverside Drive structure deck falsework is complete.
- Construction of the Transitway structure footings and the west abutment is complete.
- Construction of the VIA Rail diversion embankment have commenced, with all the sub-base material in place.

- Installation of street lighting have commenced on Realigned Riverside and parts of the Hospital Link.

## **Key Activities this Month**

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

### **Storm Sewer Installation**

- Opening the newly constructed 2550 storm sewer outfall to the Rideau River.
- Extending the storm sewer across the Transitway.

### **Realigned Riverside Drive**

- Installation of street lighting and traffic signals.
- Construction of sidewalks, medians and curbs.

### **Riverside Structure**

- Surcharging and monitoring program for the deck falsework.
- Construction of falsework for the west span deck.

### **Hospital Link (West of existing VIA Right of Way)**

- Construction of cul-de-sacs on Old Riverside, followed by closing Old Riverside to vehicular traffic at Hospital Link road crossing. Pedestrian access will be maintained for the time being.
- Installation of street lighting and traffic signals.
- Placement of roadway granular material, west of Riverside Drive.

### **Transitway Structures**

- Construction of the east abutment.
- Widening Transitway and beginning to place falsework and formwork for the deck.

### **VIA Rail Structure**

- Construction of the VIA rail diversion track embankment will continue.
- Construction of the 6 sections of the precast culvert under the diversion track.
- Construction of the shoring along the VIA Rail diversion track in the vicinity of the future railway structure.

## **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:

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- There will be no weekday peak period lane reduction on Riverside Drive and Alta Vista Drive during the month of September.
- Before winter, the Riverside Drive detour will be shifted into a position similar to its original

alignment, which will remain in place for the winter.

- **One lane will be reduced at a time at the Riverside Drive and Hincks Lane intersection (on both roads) over a few days, which is anticipated to take place in September.** This is required to install street lighting and traffic conduits.
- **Old Riverside will be closed to traffic once the cul-de-sacs are constructed on either side of the new Hospital Link road, which is anticipated to take place in September.** Pedestrian access along Old Riverside Drive will be maintained for the time being.
- The Rideau River multi-use path is expected to be placed on its original alignment following the completion of the sewer outfall to the Rideau River.
- The renovations at the parking garage of 1735 Old Riverside Dr. and the lack of on street parking, a temporary parking lot for the residents of 1735 Old Riverside Dr. was constructed and is serviceable to accommodate the on-street parking permit holders of the apartment building.

### 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

- One lane will be reduced at a time between Smyth and Lycée Claudel stations during weekday off peak hours. This work is required to complete the installation of a large diameter storm sewer which crosses the Transitway.
- One lane will be reduced at a time between Smyth and Lycée Claudel stations during off peak weekday hours, in early September. This work is required to pour the Transitway structure east concrete abutment and will take place on one day.
- Lane reductions may be necessary between Smyth and Lycée Claudel stations over several days during the month of September and/or October to complete road work in preparation for the Transitway structure deck falsework. This would take place during off peak weekday hours.

### 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.

- Night work may be required in September to conduct sewer crossings of the Transitway.

There is a **possibility of night work in October** , when the installation of the railway shoring system along the VIA Rail tracks will begin.

## Project Pictures

The following pictures are provided for your information.



Surcharge for Riverside structure deck falsework.



Construction of Transitway structure abutments.



Construction of Riverside structure pier columns.



Construction of VIA rail diversion embankment.