

# Hospital Link Project

## Project Update – January 2016



### 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 Defense 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 large diameter storm sewer is constructed 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, and placement of curbs in some sections has been completed.
- The southbound lane of Realigned Riverside, between Hincks Lane and north of Frobisher lane, has been paved up to base asphalt and is currently in use.
- Construction of storm sewers, manholes and catchbasins along Realigned Riverside is complete except in the vicinity of the Riverside Drive Bridge 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. Work has now begun for the installation of storm sewers east of Riverside, which includes sections of a new large diameter storm sewer along the east-west segment of the Hospital Link.
- Construction of the Riverside Drive Bridge abutments, caissons and pier columns is complete.
- Rapid impact compaction, driving of steel piles, additional footings, west span girder support system and surcharging for the Riverside Drive structure deck falsework is complete.
- Transitway structure abutments, deck, deck sidewalk and parapet walls are completed.
- Construction of the VIA Rail diversion embankment is nearing completion, with the majority of sub-ballast material placed and the first 6 sections of the new post tension culvert of the Moses Pepper Drain

installed under the temporary diversion track.

- Installation of street lighting and traffic signals has commenced on Realigned Riverside and parts of the Hospital Link.
- Sections of a new Hydro Ottawa duct bank have been installed along Riverside Drive.
- Removal of all overhead Hydro Ottawa power cables and relocation to the new underground duct bank on Old Riverside Drive is complete.
- Installation of underground cables and relocation of the existing overhead cables (AllStream, Rogers and Fibrenoir), at the Riverside Drive structure is complete.

## **Key Activities this Month**

The key activities scheduled for the month of January 2016 include:

### **Storm Sewer Installation**

- Installation of storm sewer east of Alta Vista will continue.
- Pending weather conditions, there is the potential for the large diameter storm sewer to cross the Transitway.

### **Realigned Riverside Drive**

- No major work is expected on Realigned Riverside Drive. The current alignment will remain in place during the winter.

### **Riverside Structure**

- No major work is anticipated for the Riverside structure until the spring of 2016.

### **Hospital Link**

- No major work is anticipated other than sewer work mentioned above.

### **Transitway Structures**

- No major work is anticipated for the Transitway structure and its associated retaining walls in January.

### **VIA Rail Work**

- No major work is anticipated along the VIA ROW until the shoring begins. Shoring may potentially start in March, however updates will be provided once a firm shoring schedule is determined.

## **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 January.

- Riverside Drive has been shifted from the detoured configuration into an alignment similar to before construction began. This alignment will be maintained throughout the winter.
- **The previously scheduled Closure of Old Riverside where the Hospital Link crosses is postponed until sometime later in 2016.** Updates will be provided as required.
- On Alta Vista, sewer work affecting traffic and pedestrian movement is essentially complete, with the sidewalks reinstated with asphalt until the construction of the ultimate Alta Vista and Hospital Link intersection configuration begins sometime in 2016.

### 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.
- Construction vehicles will be entering and exiting the Transitway work area by Old Riverside. The access will be similar to any private access location and flag personnel will be posted as required if traffic issues are identified.

### Transitway Impacts

- No major traffic impacts are anticipated for the Transitway during the month of January.

### 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** for the installation of the railway shoring system along the VIA Rail tracks. Shoring may potentially start early in the new year, however updates will be provided once a firm shoring schedule is determined.



## Project Pictures

The following pictures are provided for your information.



Installation of large diameter storm sewer to the east of Alta Vista Drive.



Moses Pepper Drain outlet showing embankment revetment.



Construction of Transitway retaining walls.



Temporary asphalt sidewalk on Alta Vista Drive.





Installation of diversion portion of VIA rail post tensioned culvert.



VIA rail temporary diversion embankment and backfilled post tensioned culvert.



Transitway bridge structure.