

# Hospital Link Project

## Project Update – December 2016



### General

The project provides a link between Riverside Drive and the Transitway to the Hospital Link Road. Construction is well underway. Read on for updates about this important construction project.

### Construction Forecast

Over the next month, neighbours can expect the following impacts:



Level of dust will be low



Level of noise will be low to medium (due to shoring work rock excavation and work by VIA not related to this project)



Level of vibration will be low



Level of construction traffic will be low to medium



Key Plan of Hospital Link

### Work Completed To Date

- The 914 mm feedermain is commissioned.
- A new large diameter storm sewer is constructed from the Rideau River easterly toward Old Riverside Drive.
- Riverside Drive has been realigned and paved under the new Riverside Dr. Structure. All four lanes of traffic are now open and the temporary detours have been removed.
- All the new mainline storm sewers have been installed on the project except for sections between Old Riverside Drive and Alta Vista Drive and at the east end of the Hospital Link.
- The Riverside Dr. structure is mostly complete with the end sections of the parapet walls, expansion joints and deck waterproofing and paving still to be completed.
- The Transitway structure has been constructed as well as the adjacent retaining walls.
- The majority of underground traffic plant and street lighting infrastructure has been installed west of Riverside Dr. and between Alta Vista Dr. and the Ring Road.
- The VIA diversion track is complete and is now in service. The shoring wall has been installed and installation of tie-backs has commenced.

- The new Hydro Ottawa duct bank has been installed with sections along the east side of Realigned Riverside Drive, along the Hospital Link from the substation on Old Riverside Drive to the Ring Road, and along the Hospital Link east of Alta Vista Dr.
- Removal of all overhead Hydro Ottawa power cables and relocation to the new underground duct bank on Old Riverside Drive has been completed.
- The north cul-de-sac on Old Riverside has been partially built, including placement of asphalt. Old Riverside Dr. remains permanently closed to traffic and pedestrians where the Hospital Link crosses it. Pedestrians are detoured along the east side of Realigned Riverside Dr. on the newly constructed multi-use pathway between Frobisher Lane and the Lycée Claudel OC Transpo Transit Station.

### **Key Activities this Month**

The key activities anticipated for the month of December 2016 include:

#### **Storm Sewer Installation**

- Construction of a storm sewer headwall outlet may start in December, just east of the VIA right-of-way, which forms part of the Mosses Pepper Drain.

#### **Realigned Riverside Drive**

- Realigned Riverside Drive is now in its final configuration. Some landscaping work and line painting may be completed in early December. The final asphalt lift will be placed in 2017.

#### **Riverside Dr. Structure**

- The parapet walls on the approaches may be completed in December. The parapet walls on the deck will be completed in 2017 following installation of the expansion joints.
- Waterproofing and deck paving will be completed in 2017.

#### **Hospital Link**

- Grading of granular materials and installation of concrete curbs may continue in December.

#### **Old Riverside Drive**

- Installation of the large box culvert storm sewer from the Transitway to the VIA ROW is scheduled to begin in December, pending notifications and approvals from Enbridge regarding work near the gas main running perpendicular to the sewer.
- The south cul-de-sac is expected to be paved and temporary bumper curbs installed at both culs-de-sac in December.

#### **Transitway Structure**

- Installation of the actual narrow foot print retaining wall adjacent to 1725 Old Riverside will begin once the nearby large box culvert storm sewer is installed between the Transitway way and VIA ROW. Installation of the Durisol wall and Redi-Rock retaining wall systems will follow after this work.
- Installation of new concrete curbs (or temporary bumper curbs) and asphalt sidewalks /

maintenance strips are expected to be completed in early December within the Transitway work zone.

### VIA Rail Work

- Installation and stressing of tie-backs to the shoring wall is expected to be completed by early December.
- Grade raise along the future mainline track will continue in December.

### 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 reductions** on Riverside Drive or Alta Vista Drive during the month of December.
- **Periodic off peak lane reductions may be required along Realigned Riverside Drive** to complete line painting south of Frobisher intersection and landscaping at Frobisher intersection and Hinks intersection. These two tasks may take up to two days in December.
- The realigned Riverside Drive is complete, with only the final lift of asphalt to be placed in 2017.
- **Old Riverside Drive has now been permanently closed to traffic and pedestrians where the Hospital Link crosses it. Pedestrians are detoured on Realigned Riverside Drive. Access to all residents by motor vehicle is maintained through one access point at each end as follows:**
  - 1541 to 1635 Old Riverside, access Old Riverside by Hincks Lane.
  - 1725 to 1841 Old Riverside, access Old Riverside by Frobisher Lane.
- There are no significant traffic impacts affecting vehicles, pedestrians, or cyclists expected on Alta Vista Drive.

#### 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 areas listed below. The access will be similar to any private access location and flag personnel will be posted as required if potential traffic issues are identified.
  - Alta Vista Drive,
  - West of Riverside Drive accessed through Hincks Lane traffic signals,
  - The Transitway work area accessed through Old Riverside Drive and Frobisher Lane.
  - The VIA work zone accessed through Old Riverside Drive.

### **Pedestrian Impacts**

- **Old Riverside Drive is permanently closed to pedestrian traffic where the Hospital Link crosses it as intended.** Pedestrians are detoured through Frobisher Lane, the new multi-use pathways along the east side of Realigned Riverside Drive, and the Lycée Claudel OC Transpo Transit Station.

### **Transitway Impacts**

- Periodic off peak lane reductions will be required on the Transitway to install the new curbs and asphalt sidewalk/maintenance strip within the Transitway work zone.

### **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:

- No night work is anticipated in the month of December.
- Weekend work may take place within the VIA right-of-way for tie-back installation to the shoring wall.
- VIA Rail has a rail replacement project throughout their corridor including adjacent to the Hospital Link site. VIA may be doing night work outside of the contract limits.

## Project Pictures

The following pictures are provided for your information.



Excavating for second row of tie-backs against shoring wall in VIA corridor



Adjusting manholes in the northbound lane of Realigned Riverside Drive.



Fine grading and compaction of Granular material for Link Road east of Alta Vista



Grading and shaping berm along east side of Realigned Riverside Drive (shown north of Riverside Structure)



Concrete placed in slope paving at Riverside Structure (west shown)



Grading of Granular 'B' along east side of Transitway