

# Hospital Link Project

## Project Update – June 2017



### General

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

### Construction Forecast

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



Level of dust will be low to medium.



Level of noise will be medium.



Level of vibration will be low.



Level of construction traffic will be medium to high through Hinks lane and Old Riverside Drive.



Key Plan of Hospital Link

### Work Completed To Date

- Riverside Drive is in its final configuration. All four lanes of traffic are now open.
- 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 914 mm feedermain is commissioned.
- A new large diameter storm sewer is constructed from the Rideau River easterly toward Old Riverside Drive.
- Installation of the 2400 mm x 1800 mm box storm sewer between MHST 103 and the VIA shoring wall is complete.
- The Riverside Structure is mostly complete with the end sections of the parapet walls, expansion joints and deck surfacing still to be completed.
- The Transitway Structure has been constructed as well as the adjacent retaining walls.
- Construction of piers and abutments at the VIA structure is complete.
- The VIA Culvert is mostly complete with grouting of the post-tension ducts and steel grillage to be completed.

- The majority of underground traffic plant and street lighting infrastructure has been installed west of Riverside drive and between Alta Vista Drive and the Hospital Ring Road.
- The VIA diversion track is in service. The VIA shoring wall installed is complete.
- 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 Ring Road, and along the Hospital Link east of Alta Vista.
- Removal of all overhead Hydro Ottawa power cables and relocation to the new underground duct bank on Old Riverside Drive is complete.
- The north cul-de-sac on Old Riverside Drive is partially built, including placement of asphalt. Old Riverside remains permanently truncated where the Hospital Link crosses it with a pedestrian detour in place.

### **Key Activities this Month**

The key activities anticipated for the month of June 2017 include:

#### **Alta Vista Drive**

- Roadway construction will continue in June 2017 for the intersection of Alta Vista Drive and the Hospital Link. This work will include the installation of underground utilities, streetlighting, traffic signals, concrete curbs and medians, and asphalt surfacing.
- Temporary Pedestrian detour will be in place in June 2017 for construction of the Alta Vista and Hospital Link intersection. Lane width reductions with reduced speeds may be present along Alta Vista Drive in this area, however no lane closures are expected.

#### **Riverside Drive**

- Concrete sidewalk will be placed along Riverside Drive from Frobisher Lane to Smyth Road.
- Concrete medians and islands will be placed at the Riverside Drive/Hinks Lane intersection.

#### **Old Riverside Drive**

- Installation of the retaining wall adjacent to 1725 Old Riverside will be complete by May 2017. Construction of the remaining retaining walls will be completed in June 2017.
- Construction of the south cul-de-sac on Old Riverside Drive will commence in June 2017.

#### **Transitway**

- Concrete curbs along the Transitway may be placed in June 2017.

#### **Transitway Structures**

- Construction of the Transitway retained soil structures commence in June 2017 following completion retaining walls in the vicinity of 1725 Old Riverside Drive.
- Backfilling of Transitway structure will continue in June 2017, including the east abutment levelling pad.
- Deck surface preparation, waterproofing and paving will be completed in June 2017.

#### **VIA Rail Structure**

- Construction of the substructure for the VIA Bridge will be completed in by June 2017.

- Erection of the structural steel will occur in mid to late June 2017, this will occur over two consecutive weekday night shifts.
- Grade raises along the mainline will start in June 2017 including construction of ramp access to the VIA corridor.
- Utility relocation will commence in June 2017 following the erection of the structural steel.
- Mainline track construction may commence in late June 2017.

#### **Riverside Structure**

- Deck surface prep, waterproofing and paving will commence in June 2017.
- Installation of the deck expansion joints at the deck abutments is expected to be completed by June 2017.

#### **Frobisher Lane multi-use-pathway**

- Construction of the multi-use-pathway on the Frobisher Lane Bridge over the Transitway is expected to commence by June 2017 which will tie into the south cul-de-sac on Old Riverside Drive.

#### **Storm Sewer Installation**

- Grouting of the VIA culvert will be completed when water levels are low in 2017.
- Storm sewer installation on Frobisher Lane between Realigned Riverside Drive and Old Riverside Drive will be completed by June 2017.

### **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.
- There is expected to be temporary **lane width reductions** with reduced speeds along Alta Vista Drive for construction of the Hospital Link intersection, however no lane closures are expected.
- There are no significant traffic impacts affecting vehicles, pedestrians, or cyclists expected on Riverside Drive.
- Old Riverside is 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 will be no off-peak lane reductions required.

## 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.
- **A pedestrian detour has been put in place for at the intersection of Hinks Lane and Old Riverside Drive to eliminate pedestrians traveling through Riverside Drive and Hinks Intersection. Signage has been put in place to caution vehicles to pedestrian crossing accordingly.**
- Protected left turn signals are installed for south-bound traffic at the intersection of Frobisher Lane and Realigned Riverside Drive, and at the intersection of Hinks Lane and Realigned Riverside Drive.
- Construction of the south cul-de-sac on Old Riverside Drive will be completed in June 2017.
- 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;
  - East of Riverside Drive accessed through Hinks Lane traffic signals;
  - The Transitway work area accessed through Old Riverside Drive and Frobisher Lane;
  - The VIA work zone accessed through Old Riverside Drive and West of Alta Vista intersection and Old Riverside Drive.
  - Old Riverside Drive accessed from the north through Hinks Lane and from the south through Frobisher lane.

## Pedestrian Impacts

- Temporary Pedestrian detour will be in place in June 2017 for construction of the Alta Vista and Hospital Link intersection.
- The following sidewalks are temporarily closed to pedestrians:
  - Crosswalks through the intersection of Hinks Lane and Riverside Drive
  - Sidewalks along Riverside Drive (from Hinks Lane north to the existing Transitway Structure)Pedestrians are detoured along the east sidewalk of Riverside Drive, the south sidewalk of Hinks Lane, and the east sidewalk of Old Riverside Drive. Signage will be posted directing pedestrians and vehicles through this detour for the duration of the closure.
- Old Riverside Drive truncated where the Hospital Link crosses it, and is permanently closed to pedestrian traffic through this area. 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

- There may be potential lane reductions during off peak hours on the Transitway for placement of concrete curbs.
- The Transitway may be considered for a potential access route for the erection of the VIA Bridge structural steel, using the route between Hurdman station and Lycee Claudel station.

## **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:

- Two consecutive weeknight shifts are anticipated in the month of June 2017 for the erection of the VIA Bridge structural steel.
- No weekend work is anticipated for the month of June 2017.
- 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.



Construction of south pier and pier cap at VIA structure.



Forming and bracing south abutment and wingwalls.





Stone blocks and granular material placed along future Hospital Link roadway west of VIA corridor.



Excavation to repair existing watermain on Frobisher and Riverside Intersection.





Installing traffic and streetlighting plant west of Alta Vista for future Hospital Link intersection.