

Hospital Link Project

Project Update – July 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 couple of weeks neighbours can expect the following impacts:



Level of dust will be low



Level of noise will be medium – high (due to shoring work and rail commissioning)



Level of vibration will be low



Level of construction traffic will be medium



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 easterly to Old Riverside Drive.
- The southbound lane of Realigned Riverside, between Hincks Lane and north of Frobisher lane, has been paved and is currently in use. The northbound lane has also been paved along this section but is not yet in use.
- Construction of a majority of the storm sewers, manholes and catchbasins along Realigned Riverside. Concrete curbs, sidewalk and medians have been placed at the intersection of Riverside and Hincks.
- Construction of storm sewers, manholes and catchbasins along the Hospital Link, west of the Riverside structure. Sewer installation is mostly complete east of Alta Vista on the Hospital Link as well.
- The substructure of the Riverside structure is complete. The superstructure is mostly completed, with parapet walls still to be casted.
- Transitway structure abutments, deck, deck sidewalk and parapet walls. The retaining walls north of the bridge have been built and construction is underway for the southwest retaining wall.

- Construction of the VIA Rail diversion 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. Construction of the diversion track segments and shoring wall is almost completed.
- 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.
- Installation of underground cables and relocation of the existing overhead.
- The north cul-de-sac on Old Riverside has been partially built, including placement of asphalt.

Key Activities this Month

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

Storm Sewer Installation

- Installation of remaining storm sewers and catch basins will be completed east of Alta Vista in July, followed by installation of storm sewers between Alta Vista and VIA rail.

Realigned Riverside Drive

- Once the falsework is removed from the Riverside structure, installation of sewers, street lighting, traffic ducts, road and sidewalks under the structure will start in early July.
- Once underground infrastructure is installed under the Riverside structure and the road is built, both directions of Riverside Drive traffic will be shifted onto southbound realigned Riverside Drive which passes under the Riverside structure. This will **reduce Riverside Drive to one lane in each direction from Hincks Lane to just south of Frobisher lane. This traffic shift is scheduled to take place in late July and is expected to remain in place until the end of August.** Once the south tie-in work of realigned to existing Riverside Drive is completed, near the end of August, Riverside drive will be fully operational (i.e. two lanes of traffic in each direction).
- Installation of remaining underground infrastructure and road to tie-in existing to realigned Riverside drive, just south of Frobisher Lane, will begin once Riverside Drive traffic is shifted as noted above.
- Northbound traffic on Riverside Drive, between Hincks and Frobisher, is currently shifted east onto the widening.

Riverside Structure

- Concrete barrier walls will be cast on the deck.
- Granular falsework pad under the structure will be removed.

Hospital Link

- Construction of the Hospital Link road box east of Alta Vista will continue in July.
- Installation of street lighting and traffic infrastructure along the Hospital Link, east of Alta Vista will likely begin in July.

Old Riverside

- The closure of Old Riverside is scheduled for July 5th. Access to all buildings will be maintained through one access to Riverside Drive (Frobisher or Hincks)

Transitway Structures

- Construction of the southwest retaining wall will be completed in July.
- Construction of the southeast retaining wall may begin in July.
- Installation of the narrow foot print retaining wall adjacent to 1725 Old Riverside is scheduled to begin in July.
- Installation of the Retained Soil System and Redi-Rock walls east of the Transitway structure may begin in July.

VIA Rail Work

- The shoring wall and diversion track will be completed in early July. Cut over from existing track to diversion track is scheduled to start July 16th and is expected to be completed over 4 to 6 nights.
- Following commissioning of the diversion track, excavation of the mainline embankment will begin, followed by the relocation of Level 3, Allstream and Bell 360 fiber optic cables to their temporary positions along the shoring wall. Relocation of the Bell 360 fiber may be required to be completed at night.

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 and Alta Vista Drive during the month of July, expected as noted directly below for Riverside.
- Both directions of Riverside Drive traffic will be shifted onto southbound realigned Riverside Drive which passes under the Riverside structure. This will **reduce Riverside Drive to one lane in each direction from Hincks Lane to just south of Frobisher lane. This traffic shift is scheduled to take place in late July and is expected to remain in place until the end of August.** Once the south tie-in work of existing to realigned Riverside Drive is completed near the end of August, Riverside Drive will be fully operational (i.e. two lanes of traffic in each direction). These lane reductions are required so that proper traffic staging can be implemented for completing the south tie-in of realigned Riverside Drive to existing Riverside Drive, just south of Frobisher Lane.
- Northbound traffic on Riverside Drive, between Hincks and Frobisher, is currently shifted east onto the widening.
- **The closure of Old Riverside is scheduled for July 5th. Access to all residents will be maintained through one access point 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 expected on Alta Vista Drive as a majority of the work in this area affecting traffic, pedestrians and cyclists is complete for the time being.

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.
- Following commissioning of the VIA diversion track, construction vehicles will be accessing the VIA work zone from 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

- Periodic off peak lane reductions will be required on the Transitway for the construction of the southwest Transitway retaining wall during July.

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.

- **Commissioning of the diversion track will require night work over 4-6 nights**, scheduled to start July 16th.
- **Relocation of existing utilities along the VIA track may require 1-2 nights of work**, expected to take place in mid or late July.

Project Pictures

The following pictures are provided for your information.



North cul-de-sac on Old Riverside paved, with temporary ramp for Old Riverside while it is still open.



Drilling for VIA shoring wall.



Removing formwork and falsework from Riverside structure deck.