

Hospital Link Project

Project Update – December 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 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.
- 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 and deck are completed.
- Construction of the VIA Rail diversion embankment is nearing completion, with the majority of sub-ballast material placed.
- Installation of street lighting and traffic signals has commenced on Realigned Riverside and parts of the Hospital Link.

- 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 December 2015 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 Southeast 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

- Clearing and grubbing operations will continue along the Hospital Link, east of Alta Vista Drive.
- Controlled blasting of rock will likely conclude in December for sewer installation, east of Alta Vista Drive.

Transitway Structure

- The falsework, formwork and traffic barriers for the construction of the Transitway Structure will be completely removed.
- Construction may begin for the new Transitway retaining walls.

VIA Rail Work

- The first six sections of the precast concrete box culvert are expected to be installed for the diversion track in early December 2015.
- Installation of the shoring wall, to facilitate railway bridge construction, is not expected to begin until early in the new year.

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 December.
- 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 next year. Updates will be provided as required.
- Sewer work on Alta Vista Drive will conclude in early December and the sidewalks will be reinstated with asphalt until the construction of the Alta Vista and Hospital Link Intersection 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

- **Off peak lane reductions** on the Transitway may be required during December if some or all of the following activities are undertaken: removing existing curb and retaining walls, beginning construction of new retaining wall structures and installation of the storm sewer crossing.

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 to three nights of work are anticipated, including potential weekend night work, in early December** for the installation of the first 6 pieces of the VIA rail post tensioned box culvert under the diversion track. Scheduling is contingent of VIA rail approval and affected residents will be notified once a firm date is set.
- There is the **possibility of night work being required** for the installation of the railway shoring system along the VIA Rail tracks, however this work is not expected to be started until early next year.

Project Pictures

The following pictures are provided for your information.



Controlled blasting of rock for storm sewer trenches.



Construction of the Transitway structure bridge.