

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 Defence 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 2550mm storm sewer is constructed under existing Riverside Drive, and extends easterly towards the Transitway and westerly towards the Rideau River, including the new headwall.
- Excavation and placement of geotextile and select subgrade material for realigned Riverside Drive and Frobisher extension.
- Dynamic compaction along the Hospital Link and Hincks Lane extension.
- Construction of storm sewers, manholes and catchbasins along realigned Riverside Drive is almost complete.
- Construction of storm sewers commenced along the new Hospital Link lane west of Riverside, including the installation of a Vortech manhole.
- Construction of the Riverside Drive structure abutments.
- Construction of the Transitway structure footings.
- Rapid impact compaction and driving of steel piles for the Riverside Drive structure deck falsework.
- Riverside traffic fully switched over to the Riverside detour widening.
- Traffic signals installed and operational at the intersection of Riverside Drive and Hincks Lane.

Key Activities this Month

The key activities for the month of July 2015 include: sewer installations; caissons and piers construction for the Riverside structure; beginning of surcharging and monitoring program for the Riverside deck falsework; completion of the Moses Pepper headwall outlet structure to the Rideau River; construction of the Transitway structure abutments; and beginning work in the VIA ROW.

Storm Sewer Installation

- Completion of the new storm sewer headwall / outfall structure at the Rideau River. The system will be connected to the Rideau River pending the river water levels.
- The NCC pathway will be reinstated to its original configuration.

Third Party Utility Relocations

- Relocation of fiber optic cables along the VIA railway corridor.

Realigned Riverside Drive

- Placement of granular material for road base and excavations for sidewalks and slopes of realigned Riverside Drive.
- Installation of sub drains, Hydro and Rogers ducts.
- Beginning installation of street lighting.

Riverside Structure

- Construction of Riverside Drive structure caissons and piers.
- Beginning surcharging and monitoring program for Riverside deck falsework, near the end of July.

Hospital Link (West of existing VIA ROW)

- Installation of storm sewers along the Hospital Link road west of Riverside Drive will continue.
- Construction of cul-de-sacs on Old Riverside, followed by cutting off Old Riverside to traffic at Hospital Link road crossing. Pedestrian access will be maintained 'as is' for the time being.

Transitway Structures

- Construction of Transitway structure abutments.

VIA Rail Structure

- Beginning preparation work in VIA ROW including utility locates, clearing and grubbing, removal of existing fence and installation of a new fence.
- Beginning construction of VIA rail diversion.
- Culvert fabrication.

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:

- Lane Reductions – one lane in each direction planned for Riverside Drive at Hincks Lane intersection may take place near the end of July or in the following month. This work is anticipated to take place on two consecutive nights during the week. This work is required to complete sewer tie-ins at the Hincks Lane – Riverside Drive intersection.
- Old Riverside will be cut off to traffic once the cul-de-sacs are constructed. Pedestrian access along Old Riverside will be maintained 'as is' for the time being.
- There will be no weekday peak period lane reduction on Riverside Drive and Alta Vista Drive during the month of July.
- 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 traffic signal.
- The Rideau River multi-use path is expected to be placed on its original alignment following the completion of the sewer outfall.

Weekend and Night Work

No weekend work is anticipated during the month of July.

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. It is noted that there is a possibility of night work in August, when the installation of the railway shoring system along the VIA tracks will begin.

Project Pictures

The following pictures are provided for your information.



Excavation for realigned Riverside road.



Rapid impact compaction for Riverside structure deck falsework.



Rebar placed for Transitway structure west abutment footing.



Excavation and placement of geotextile and select subgrade material for Frobisher Lane extension.