

## 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 2550mm storm sewer is constructed under existing Riverside Drive and extends towards the Transitway.
- Excavation for the realigned Riverside Drive roadbed.
- Excavation in preparation for dynamic compaction along the Hospital Link Road and Hincks Road west of Riverside Drive.
- Dynamic compaction along the Hospital Link Lane.
- Construction of three storm sewer manholes including connections as well as catch basins along Riverside Drive north of the Re-aligned Riverside Drive structure.
- Construction of the west abutment for the Riverside Drive Structure and excavation and placement of engineering fill for the east abutment.

**Key activities this month:**

The key activities for the month of June 2015 include: sewer installations; dynamic compaction of the Hospital Link Road; ground improvement, caissons and east abutment construction for the new Riverside Drive Bridge; and the construction of the Moses Pepper headwall outlet to the Rideau River.

**Storm Sewer Installation**

- Storm sewer installation along the realigned Riverside Drive and at Hincks Lane as well as manhole installation.
- Construction of the new storm sewer headwall / outfall structure at the Rideau River. The existing NCC pathway will remain open but diverted around work areas.

**Third Party Utility Relocations**

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

**Riverside Drive (new bridge and road modification)**

- Earthwork including ground improvement, followed by bridge pier caisson installation.
- Construction of the east abutment foundations as well as abutment and wingwalls.
- Excavation and placement of subgrade material north of Frobisher Lane.

**Hospital Link (West of existing Riverside Drive)**

- Dynamic compaction of road areas to stabilize soft soils will occur.
- Work will occur to install storm sewers along the roadway following dynamic compaction.

**General Preparation Works**

- Utility locates within the VIA right of way.
- Clearing and grubbing, removal of existing fence and installation of a new fence will take place along the VIA corridor.
- Ongoing development of operational plans, safety plans and a detailed project schedule continues for the upcoming construction of the new Transitway overpass and the rail subway. Further information will be available once these plans are finalized.

## **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 towards the end of June. This work is anticipated to take place on two consecutive nights on a weekday. This work is required to complete sewer tie-ins at the Hincks – Riverside intersection.
- There will be no weekday peak period lane reduction on Riverside Drive and Alta Vista Drive during the month of June.
- The southbound traffic will be moved to the Riverside Drive detour on the night of June 4, 2015.
- Motorists are reminded to obey reduced speed limits during construction zones and exercise caution when driving through active construction sites and 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 Drive traffic signal.
- Construction vehicles will be entering and exiting the work area west of Alta Vista Drive.

## **Weekend and Night Work**

Weekend work and including night operations is anticipated for the storm sewer crossing of Riverside Drive. This work is time sensitive in order to ensure that Riverside Drive is fully operational Mondays to Fridays.

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. Night work operations are anticipated for the storm sewer tie-in at Riverside Drive and Hincks Lane Intersection for two consecutive nights towards the end of June 2015.

## Project Pictures

The following pictures are provided for your information.



Excavation for Road Box at Realigned Riverside Drive – May 6, 2015



Grading of Riverside Drive Detour Widening – May 12, 2015.





Riverside Drive Structure West Abutment Formwork – May 21, 2015



Engineered fill for Riverside Bridge East Abutment– May 26, 2015.