



# Update on Infrastructure Work

## **Peterborough County and Area**

### **Trent-Severn Waterway National Historic Site**



*Workers conduct core sampling on the concrete wall of a lock structure*

**October 5, 2017** - Since 2015, Government of Canada has announced more than \$600 million of work to the dams, locks, bridges, and concrete structures along the Trent-Severn Waterway National Historic Site.

Within Peterborough County and the immediate area we have already undertaken concrete and/or masonry repairs at a number of our sites including at Locks 22, 23, 24, 25, 26, 30, and 31. Additionally this past summer we completed minor repairs on McFarlane Bridge in Peterborough and are nearing completion on the project to fully replace the dam at the outflow of Mississagua Lake north of Buckhorn.

This fall we are on track to begin work that will rehabilitate the Earth dams throughout Peterborough and install a new guard gate close to Trent University just north of Nassau Mills road. More information about these exciting projects can be found at [pc.gc.ca/tswPeterborough](http://pc.gc.ca/tswPeterborough).

Additionally, Parks Canada continues to work with our partners to design and plan for a series of major projects that are likely to see construction in the coming years. Within Peterborough County this includes the replacement or major rehabilitation of the dams at Locks 19, 22, 23, 24, 25, and 28, major work on several bridges, and the continued repairs of concrete and masonry at our lock stations.

Significant planning goes into each Parks Canada infrastructure project and that is especially the case for these complex projects that require construction in the waterway. As part of this work, contractors will be at many Parks Canada dams in the coming months to conduct inspections that could include geotechnical investigations, topographical survey work, or bathymetry. All of this information will be used to develop the final designs of the projects to ensure the best possible outcome. These sites include the dams at Locks 19, 22, 23, 24, 25, and 28.

When the contractor comes to site they will have equipment to facilitate drilling samples on land in the water. These investigations will take place almost entirely on Parks Canada lands. In those limited cases where the contractors require access to private property permission will be sought from the land owners before proceeding with the work.

### **What's Bathymetry**

Bathymetry is the equivalent of topography, but for bodies of water. It measures the depth of the water and creates a mapped image of the bed. Bathymetry studies are conducted for many Parks Canada projects. They can provide information to design a new dam, or even just a coffer dam.

### **What are Geotechnical Investigations?**

Geotechnical work provides important information about the composition and integrity of soils and other materials like concrete, which is used in the design process for construction. There are many ways of obtaining this information: test pits dug with an excavator, boreholes in earth or rock using drill rig and auger, concrete core sampling with a smaller drill rig or portable system, or even seismic sounding lines.

### **How to stay informed:**

For information about this or other infrastructure projects in your area, please visit: [www.pc.gc.ca/tswInfrastructure](http://www.pc.gc.ca/tswInfrastructure)

For questions or concerns, or to receive email updates regarding any of these projects, please contact us at [Ont.TrentSevern@pc.gc.ca](mailto:Ont.TrentSevern@pc.gc.ca) and include the project or region in the subject heading.