



Geotechnical Investigations

In preparation for construction of the new eight-lane tunnel starting in 2026, we are carrying out geotechnical investigations on Deas Island near the existing tunnel and south of Rice Mill Road in Richmond, beside the existing tunnel. Work will take place within the Ministry of Transportation and Transit's right-of-way (as shown on the maps below), with set-up beginning in August 2025.

Activities include:

- **Site preparation:** including tree trimming, removal of invasive plants and material movement (such as gravel).
- **Sheet pile wall test:** verify expected modeling results for installation and deflection rates.
- **Ground densification test:** verify density of vertical stone columns needed for seismic stability.
- **Pump test:** verify the flow rate of ground water and confirm dewatering and water management strategies for the Project.

TEMPORARY ISLAND TIP TRAIL CLOSURE

To ensure public safety, Island Tip Trail within the Ministry's right-of-way will close for up to five days in the summer and up to five days in the fall for geotechnical investigations. This closure will restrict access to the portion of the park that is west of Highway 99. No detours will be available during closures. Please watch for signs within the park for dates and details or visit the Project website listed below.

WHAT TO EXPECT



Timing

Starting early August 2025 and continuing until approximately early 2026



Hours of Work: Day and night, Monday through Saturday.

- Noisier activities (piling) will be completed during daytime hours.
- Quieter tasks (welding) will continue overnight.
- The pump test is planned for September during daytime hours.



Traffic

To accommodate inspections, overnight lane closures are planned from 10 p.m. to 5 a.m. in the existing tunnel, in approximately late July for one week, and again in late August for two to three weeks.



Impacts/Interruptions

- Park users, nearby businesses and residents may hear intermittent noise from the piling work and hydrovac activities.
- Cranes will be on Deas Island.
- During overnight activities, lights will be directed towards worksite.

DELTA



RICHMOND



QUESTIONS AND CONTACT

More information on the geotechnical investigations can be found at Highway99Tunnel.ca/geotech.

Throughout the life of the project, notifications will be distributed by email and posted on our website. If you have not already, please sign up for notifications at Highway99Tunnel.ca/newsletter.