

# Humber Bay Park West Shoreline Maintenance Project

## Project Overview

### Why is the project needed?

The shoreline at Humber Bay Park West has been damaged by high lake levels and waves. Construction is needed to repair the shoreline and protect the park long-term from erosion and flooding.

### How is the shoreline maintenance strategy determined?

Coastal engineers assess wave action and water levels to determine what types of materials and shoreline structures will be needed to protect the park from damage. This is considered alongside park features and usage to determine the recommended shoreline restoration.

### What is being done?

The work area is located along the southern shoreline of the park and includes the repair of five stone headlands and three rubble beaches. Work will include:

- Regrading and relocation of shifted material rocks and soil
- Rebuilding of damaged headlands
- Adding additional stone material to provide greater protection
- Installation of aquatic habitat and restoration planting

### EXISTING SHORELINE CONDITIONS

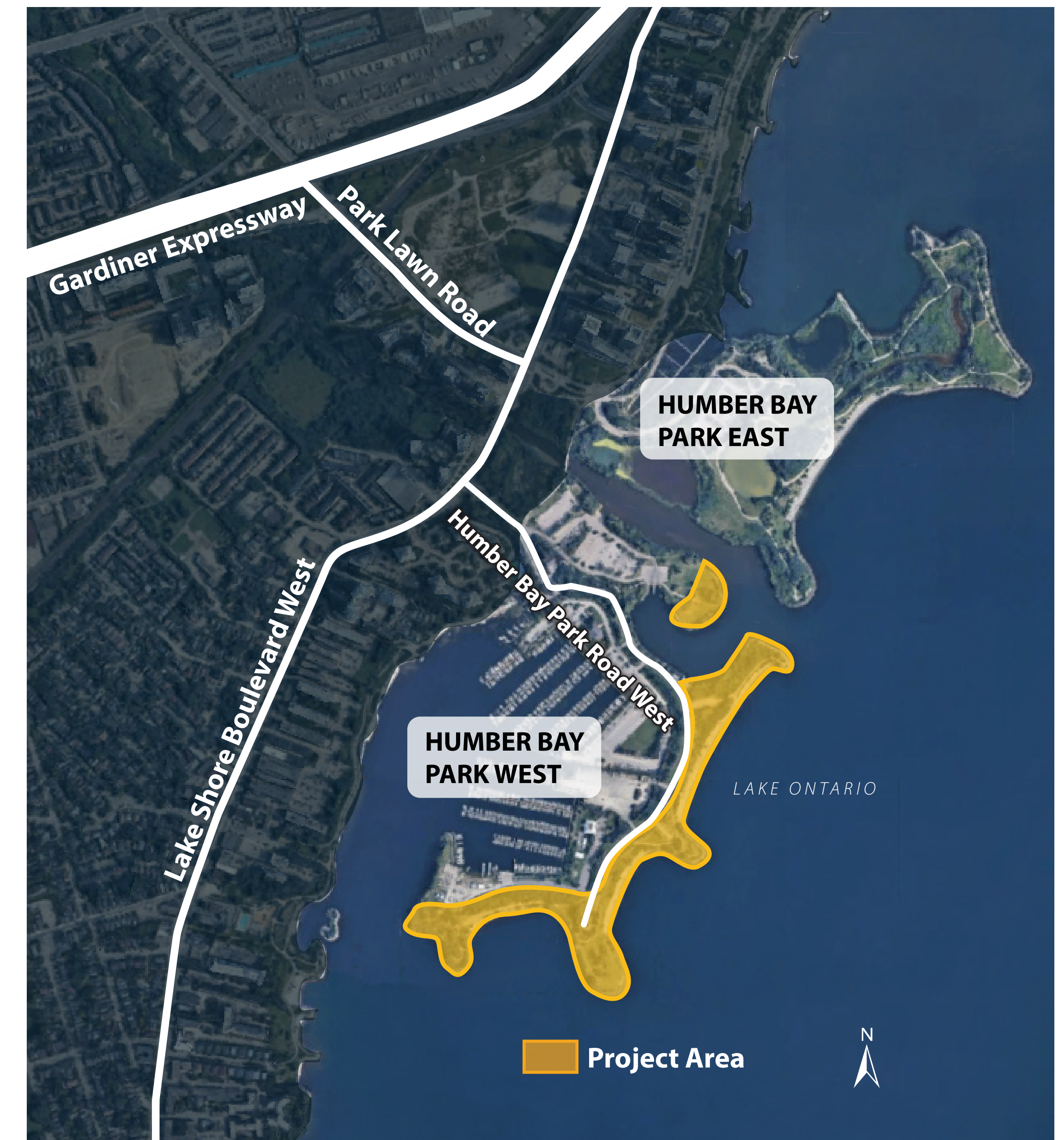


**Waves have eroded banks placing trails and park infrastructure at risk. These areas need to be repaired to protect parkland and trails.**



**Waves have shifted rocks so they no longer provide proper protection, and parkland is starting to erode.**

### PROJECT AREA MAP





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## Maintenance Strategy

### SHORELINE STRUCTURES AND MAINTENANCE STRATEGY MAP



### Beach Maintenance and Protection Strategy

#### NORTH BEACH



#### CENTRAL BEACH



### Examples of Shoreline Materials



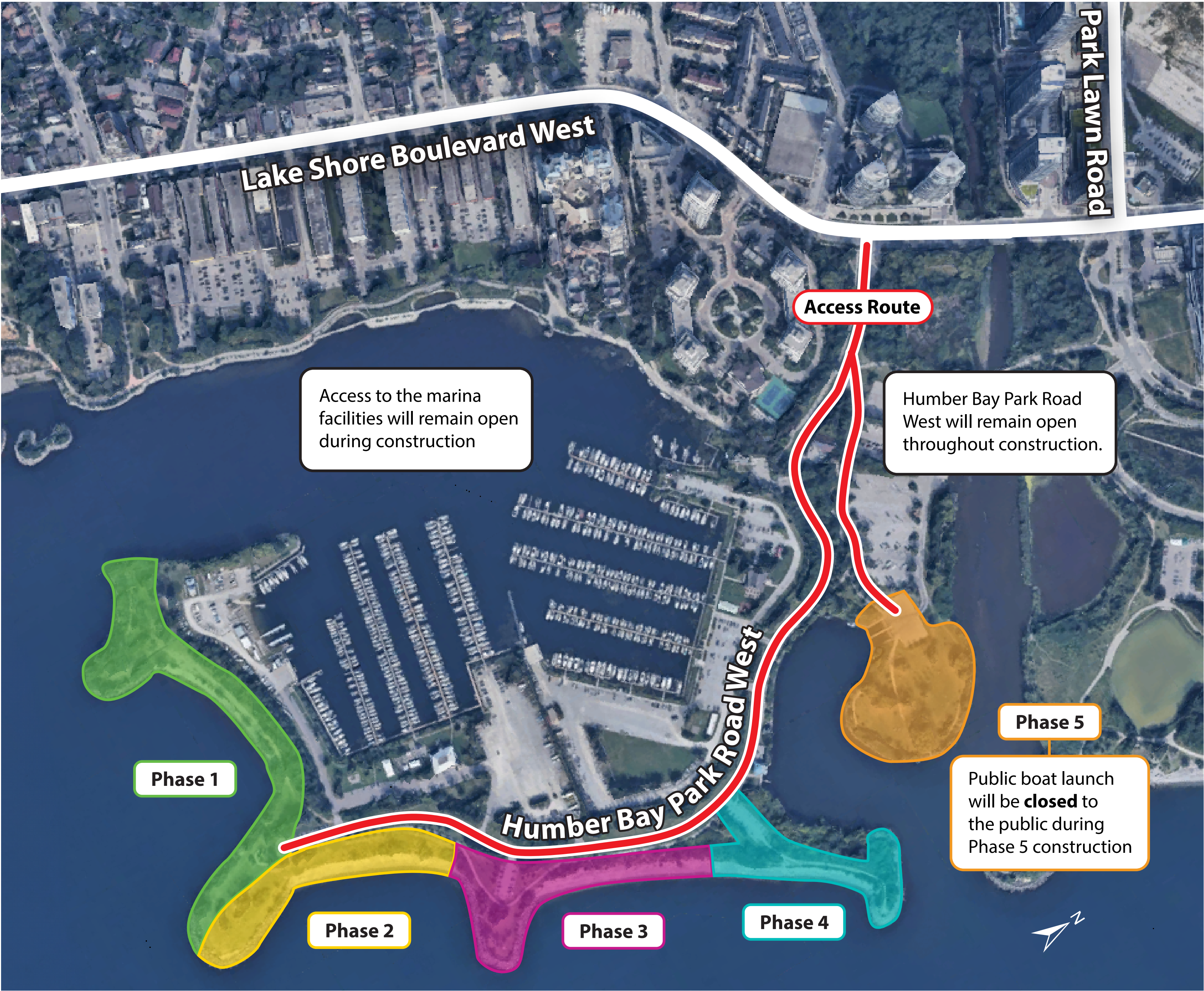
The images provide examples of the structures and materials that will be used to protect the shoreline from erosion. The wave action at this site will quickly deplete sand beaches. Pebbles are needed to provide more durable erosion protection. Large stone will also be placed behind the the beaches adjacent to the park at key erosion locations. Headlands made of large stone provide bookends that also help keep beach material in place and protect areas of the shore more at risk from heavy wave action.



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## Construction Phasing and Facility Closures by Phase

### CONSTRUCTION PHASING MAP



### PHASE 1



### PHASE 2





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## Next Steps

### PROJECT TIMELINE



- Construction will take approximately 2 years to complete, and will be carried out in five phases to keep as much of the park open as possible throughout. Only one phase of work will be closed to the public at a time.
- The project team will work to refine the construction schedule, phasing and access plans for Phases 3 to 5.
- Construction notices outlining park impacts and closures will be circulated and posted on site in late Fall 2025 prior to the work starting.
- Project updates will be posted on the website as work progresses.



### STAY INFORMED



For more information visit:  
[trca.ca/humber-bay-park-west/](https://trca.ca/humber-bay-park-west/)  
or email:  
[HBPW.Shoreline.Maintenance@trca.ca](mailto:HBPW.Shoreline.Maintenance@trca.ca)