

2024 SHORELINE RESTORATION

MANHATTAN ST. TO LORETTO ST., TOTTEVILLE, STATEN ISLAND
(PART OF THE LIVING BREAKWATERS PROJECT)

OUTREACH FLYER
REVISED 3/14/24

WHAT AND WHERE IS THE SHORELINE RESTORATION?

The Shoreline Restoration component of the Living Breakwaters project includes the one-time placement of sand between Loretto St. and Manhattan St. to create a wider beach and increase the distance between the toe of the existing dune and the shoreline (high water line).

WHEN WILL IT TAKE PLACE?

Shoreline restoration activities will begin January 2024 and be completed by April 2024. It is anticipated that some touch-ups will be needed in the late summer and fall, but this will take place after horseshoe crab mating season (April 15-July 15 of each year). Work will take place between 7:00 AM – 3:00 PM, Monday – Friday, except for Holidays, and may extend as late as 6pm on weekdays to coordinate with the tide schedule.

WHAT WILL IT ENTAIL?

The shoreline restoration will require approximately 22,000 tons of sand. Sand will be delivered to the beach by truck via Sprague St. Empty sand trucks will then leave the site via Loretto St. (see map on back). During construction, one can expect approximately 35 truck-trips per day on a typical construction day. Once on-site, sand will be spread and shaped by a dozer, a wheeled loader, and an excavator. During construction, the work zone will be marked with fencing. During construction hours, there will be no beach access between Loretto St and Manhattan St, but beach access will be restored at the end of each workday. Machines and equipment will be stored overnight and on weekends at the designated staging area located adjacent to the construction entrance at Loretto St. The staging area will be fenced in and secured (see map).

WHY IS IT NEEDED?

The Living Breakwaters, once complete, will reduce further erosion of the shoreline/beach, and in most areas along Totteville, even build back beach over time. Modeling during the design process indicated that although the breakwaters would prevent further erosion in the heavily eroded stretch of beach approximately between Loretto St. and Sprague Ave., they would not be able to build back beach over time.

NOTE: Living Breakwaters' Shoreline Restoration is not a part of the Totteville Shoreline Protection Project (TSPP). For more information on TSPP, please contact NYC Parks.



STILL HAVE QUESTIONS?

<< See our Frequently Asked Questions at <https://hcr.ny.gov/living-breakwaters-shoreline-restoration-frequently-asked-questions>



<< For more information on the project and construction updates, please visit the project website at <https://hcr.ny.gov/living-breakwaters-project-home>

New York State Office of Resilient Homes and Communities
(Formerly Governor's Office of Storm Recovery or GOSR) can be reached by email at LivingBreakwaters@hcr.ny.gov.

SHORELINE RESTORATION AREA & ACCESS MAP

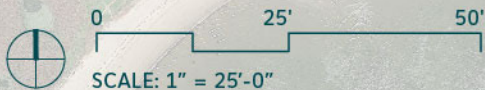
HYBRID OAK WOODS PARK

SAND DELIVERY ROUTE



Sand will be delivered from North American Aggregates in Perth Amboy, NJ. Approximately 35 deliveries per day on active construction days can be anticipated. Once sand arrives on site, it will be spread and graded to design elevation and slope by excavators.

During construction hours, there will be no beach access between Loretto St. and Manhattan St., but beach access will be restored at the end of each workday.



LEGEND

- AREA OF SHORELINE RESTORATION
- SAND DELIVERY ACCESS ROUTE
- PROPOSED STAGING AREA