

# SHORELINE STORAGE TUNNEL PROJECT

## DESCRIPTION

The Shoreline Storage Tunnel (SST) project is part of Project Clean Lake, a \$3 billion, 25-year program NEORSRD began in 2011 designed to meet Clean Water Act standards and address water quality issues. The SST is the fifth of seven new large diameter tunnels, along with other projects, that NEORSRD will use toward Project Clean Lake’s overall goal to reduce the 4.5 billion gallons of wet weather combined sewer overflows (CSOs) released into Lake Erie and its tributaries in the Greater Cleveland area.

SST includes nearly three (3) miles of 23-ft diameter soft ground (soil) tunnel 75 to 140 feet below ground that will capture and store overflows from outfalls along the Lake Erie shoreline and will then divert them to other NEORSRD sewers to be transported to the Easterly Wastewater Treatment Plant for treatment before they are released to the environment.



SST alignment map including three tunnel shafts

## PROJECT BENEFITS

The Shoreline Tunnel System will control overflows at 12 permitted CSO locations along Lake Erie and will reduce overflow volumes by approximately 350 million gallons each year, providing:

- Improved water quality in Lake Erie;
- A reduction in public health risks associated with CSOs; and
- A cleaner Lake Erie for drinking water, boating, beach-going, and other recreational purposes.

SST Project Schedule								
	Year							
Project Phase	'18	2019	2020	2021	2022	2023	2024	2025
Design								
Bidding								
Construction								