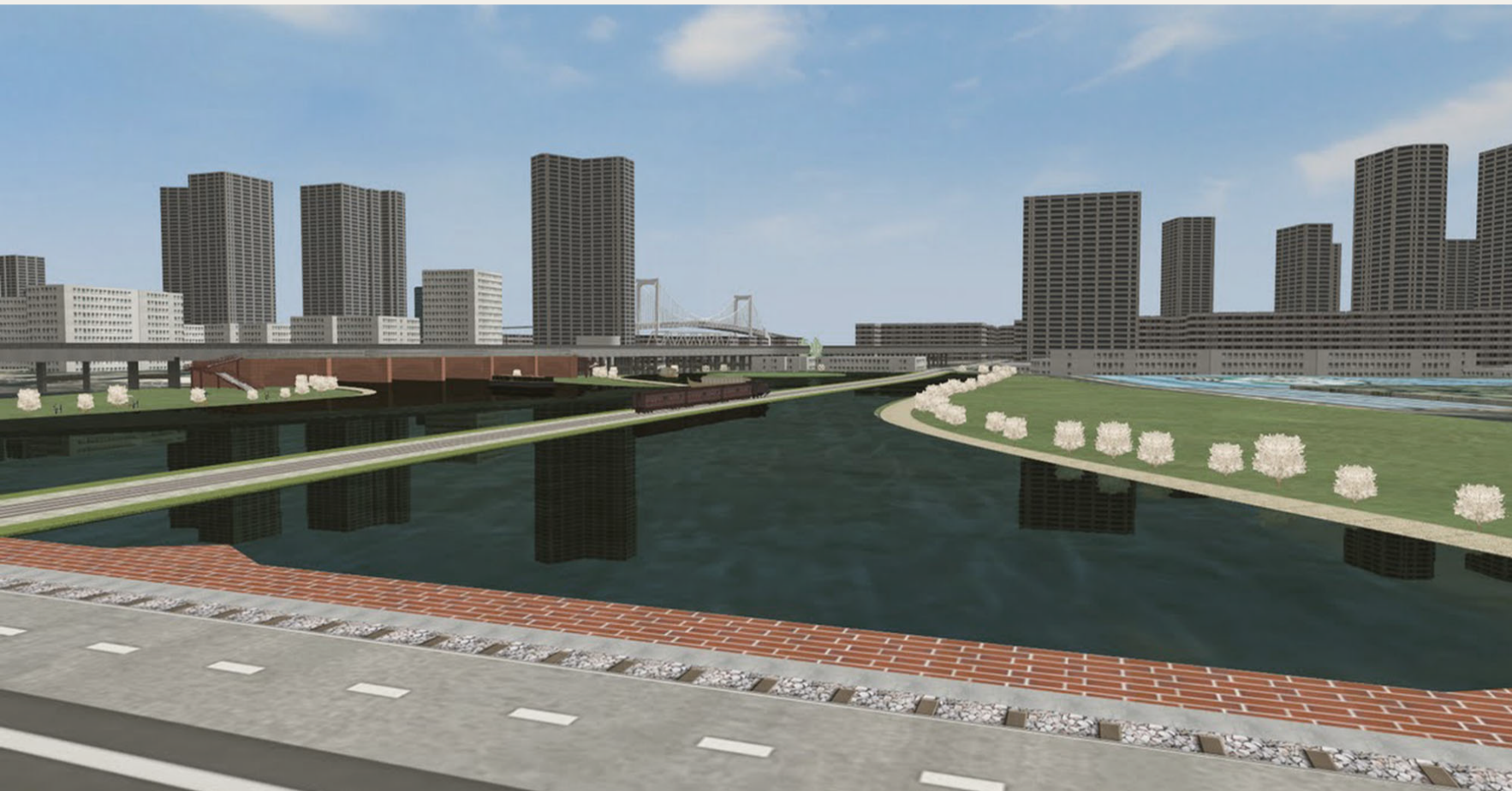


Aim of the Design

During the Edo period, the project area of Shibaura had a beach along the Keihin Daiichigosen (Keihin Route 1) and was a popular site for swimming and moon-viewing. In the Meiji period, the first railway in Japan (from Shinbashi to Yokohama) was opened, and to keep away from the land owned by the Japanese Army from Shibaura to Takanawa, a railway was constructed under the ocean. One could see trains come and go above the ocean in the morning sun. Now, after 130 years, we have designed a new station on the Yamanote Line in this project area which allows one to feel the ocean, looks out on the ocean, and uses the ocean, based on the concept of “a station that brought back the ocean” . Tracks will be built along the coastline. People can enjoy the ocean view from the platform and feel the sea breeze. Furthermore, this station will be made the strategic point of transportation using sea buses and LRT as the hub of new transportation network connecting Olympic venues.



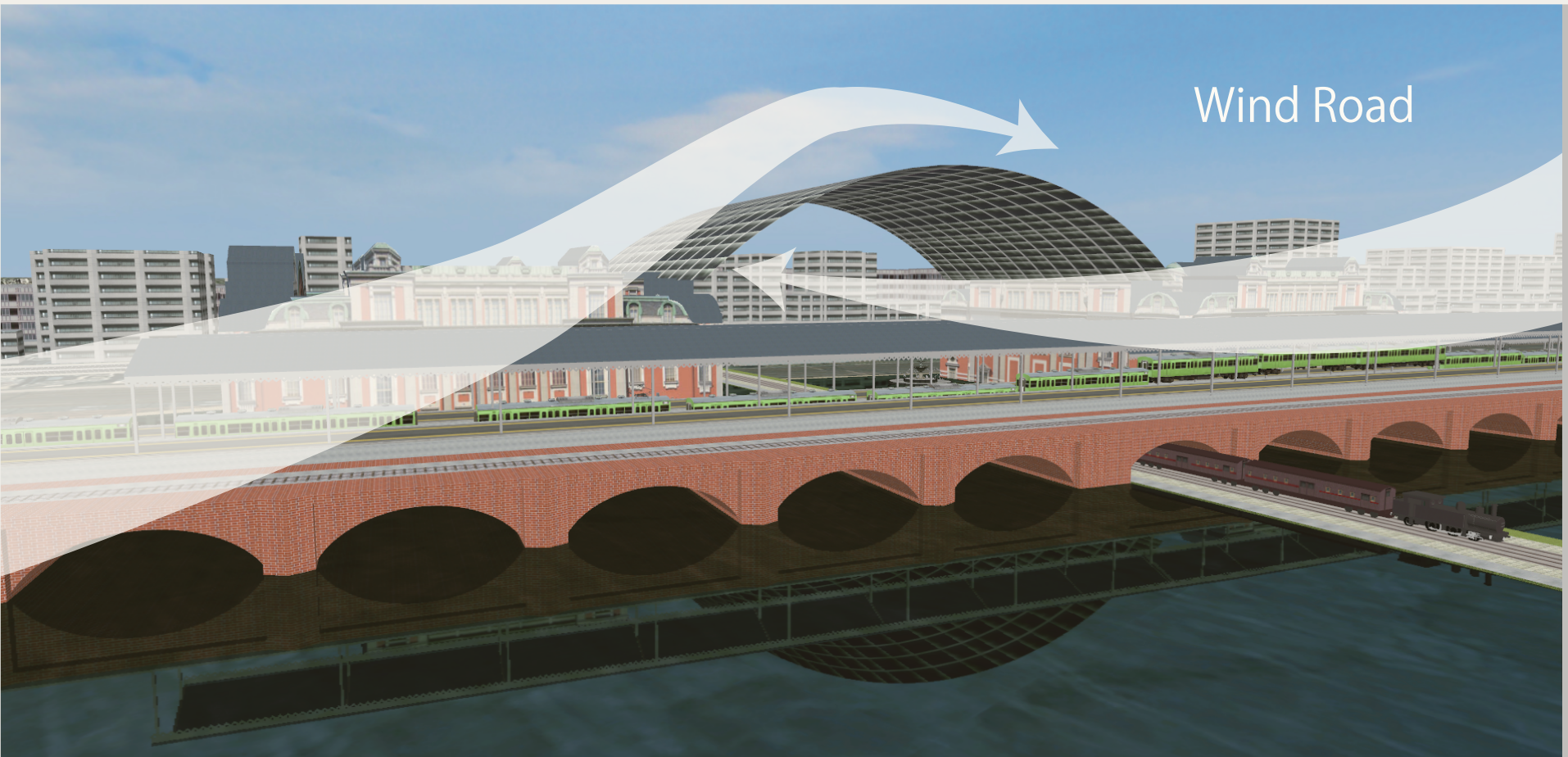
Reconstructing the Ocean

The ocean can be seen from the platform of this new station on the Yamanote Line. The view of the water surface glittering in the morning sun and a gentle breeze are both very relaxing. —In order to feel these things, we were particular about a coastline matching the old coastline and the size of the building where one can feel the ocean. It is assumed that by drawing seawater in, its quality deteriorates, however, by linking to the drainage function of the sewage treatment plants nearby, we can maintain the water quality.



sibakara

Sustainable transportation beginning from Shibaura



The Path of the Wind

In its plan, Tokyo Metropolitan Government designates this area as “the path of the wind” which sends air that is cooled over the Tokyo Bay into the city center. Here, we paid attention not to interfere with “the path of the wind” by using the synergy effect of drawing in the seawater and the design of the station.

Proposal of New transportation

Looking at the 2020 Tokyo Olympics, we thought that a smooth mean of transportation is needed. we are thinking of connecting main facilities by using train stations and Lrt, sea buses by using Lrt for inland transportation, we can use them after the olympics, for their eco structures and their barrier free advantages. For the on sea transportation, using sea buses will make it possible for the shortest distance transportation.



Definition of the Traffic Node

This new station will have its building and its plaza parallel to the Yamanote Line and perpendicular to the new transportation system (LRT, sea bus). The station plaza will have two sides facing Shibaura and Sengakuji and is made up of two buildings and an atrium connecting them in order to possess an air of a terminal station. The atrium will be a passage to “the path of the wind” .

