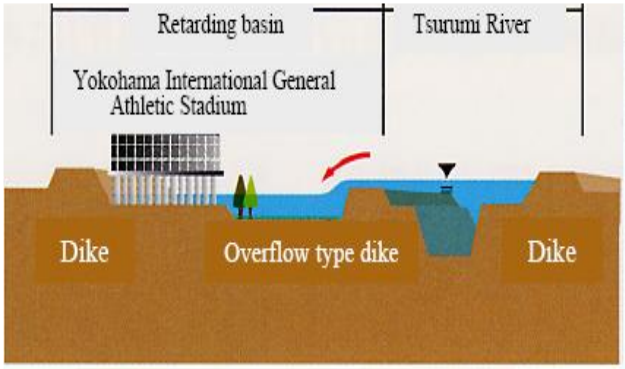
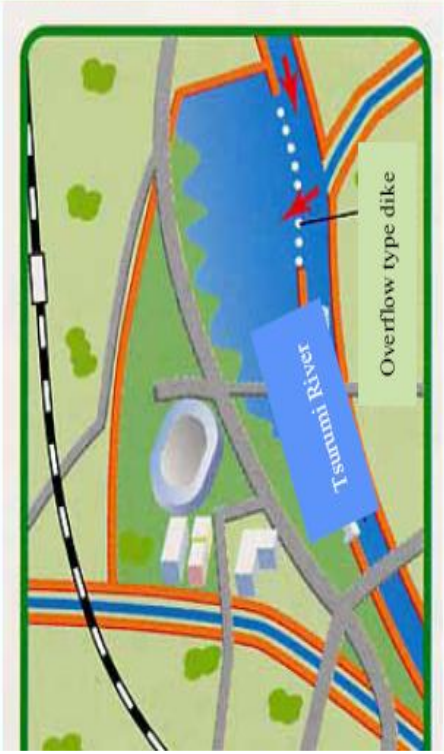
Tsurumigawa Multi-purpose Retarding Basin

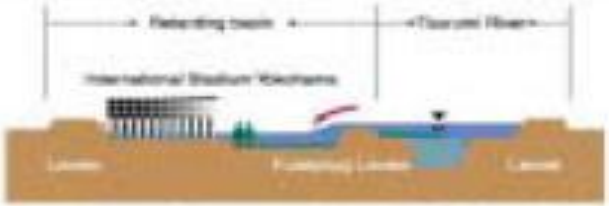
Tsurumigawa Multi-purpose Retarding Basin





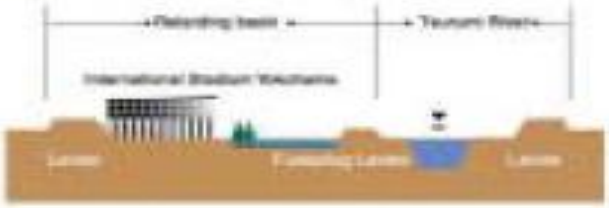
Tsurumigawa Multi-purpose Retarding Basin

● During flooding, down river water flow is controlled



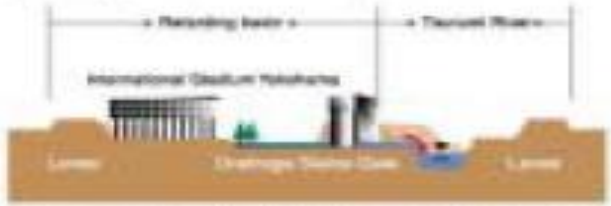
When river water increases due to flooding, the flood water will be led into the retarding basin via the lower fuseplug levee.

● Flood water is directed into the retarding basin via the fuseplug levee along the Tsurumi River



The flood water will be stored temporarily.

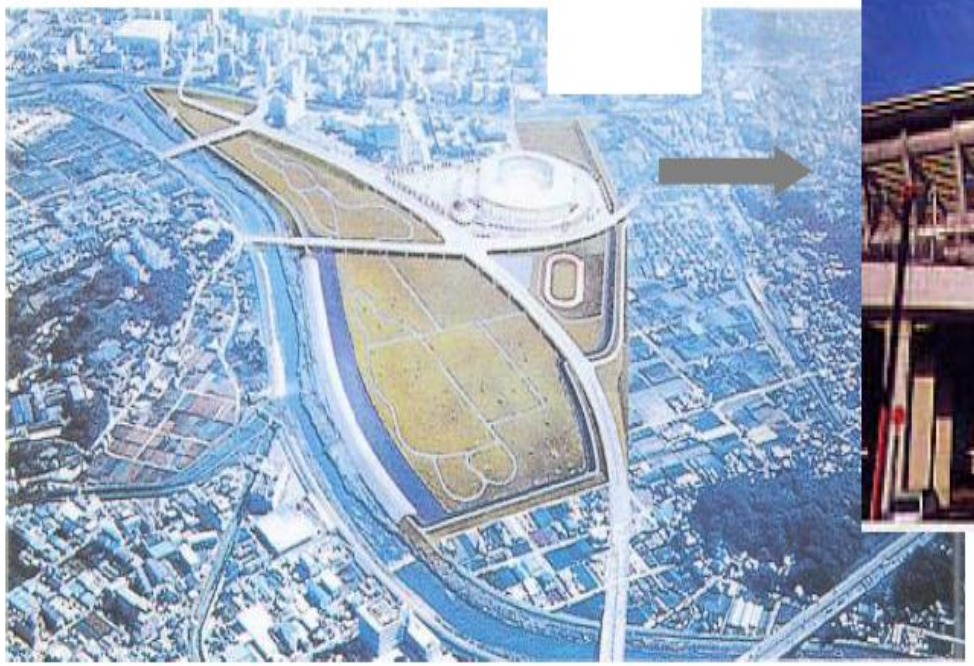
● After flooding, the stored water will be gradually returned to the river



When the river water level has lowered, the stored water will be gradually discharged through discharging gate.

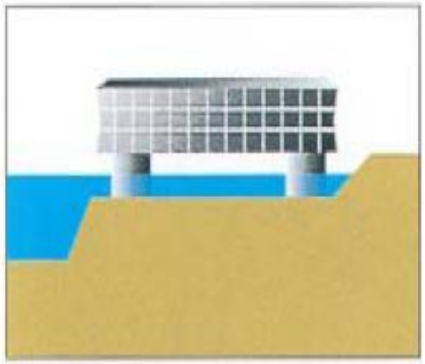
Tsurumigawa Multi-purpose Retarding Basin

Multipurpose retarding basin



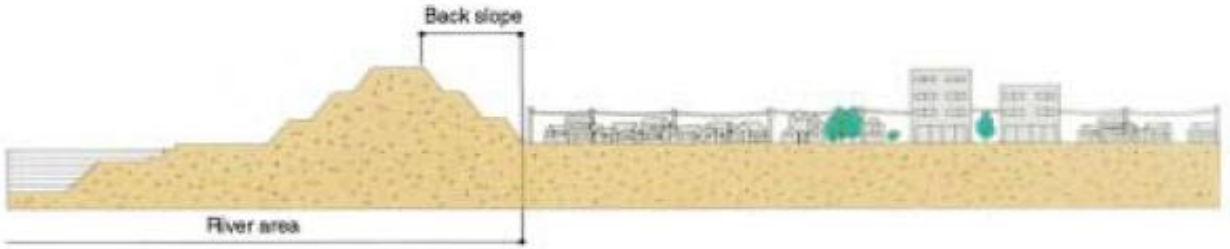
The Yokohama International Sports Stadium

In order to avoid hindering flood control capacity, the piloti method (elevated-floor style) has been incorporated in the construction of the Yokohama International Sports Stadium.

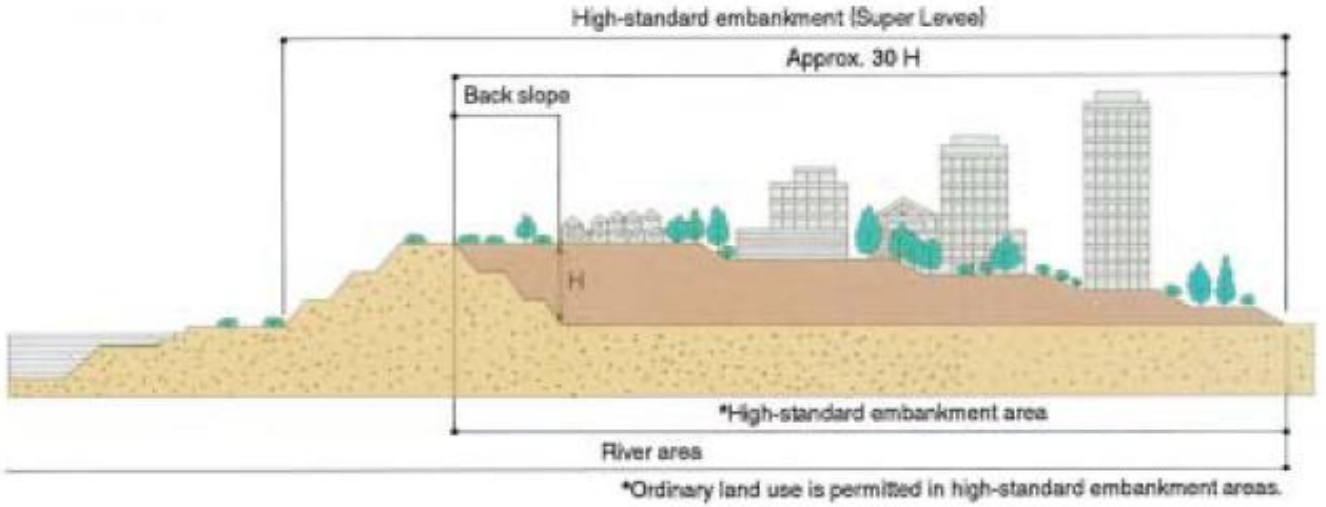


Super Levee

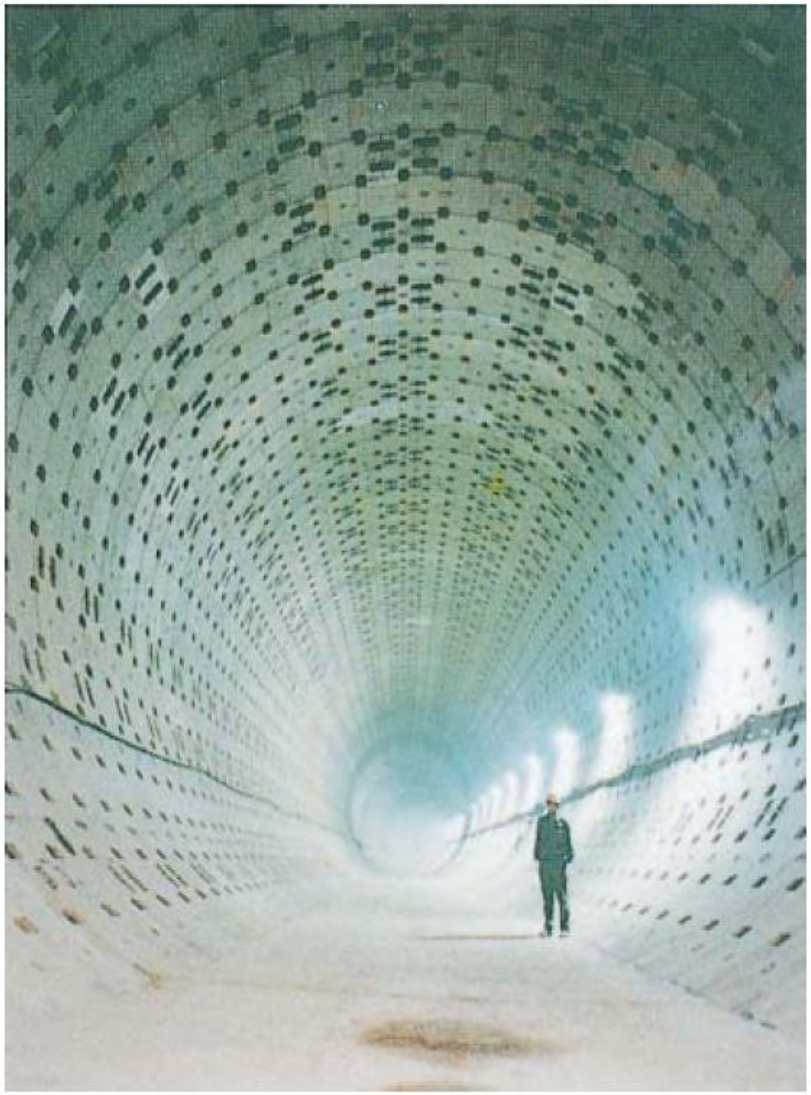
Before Construction of Super Levee

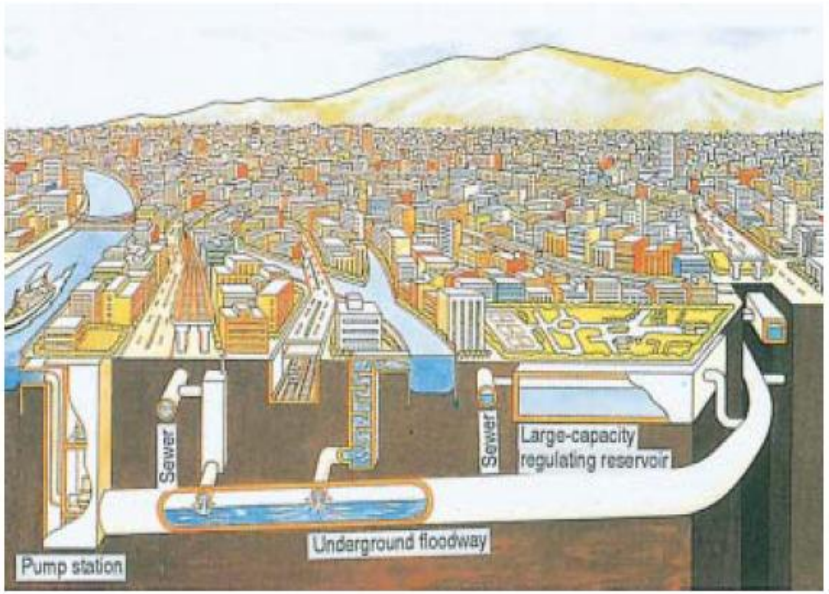


After Construction of Super Levee



Underground Floodways





■ Construction of underground floodways and underground regulating reservoirs is an effective means of solving the problem of urban flooding.

Thames Flood Barrier

Maeslant Storm Surge Barrier, Netherland