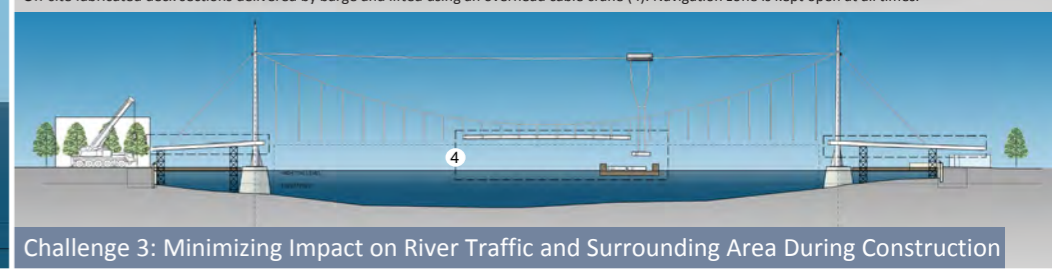
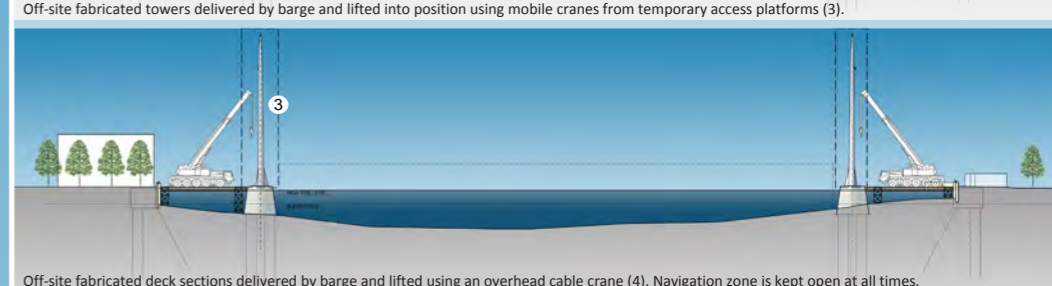
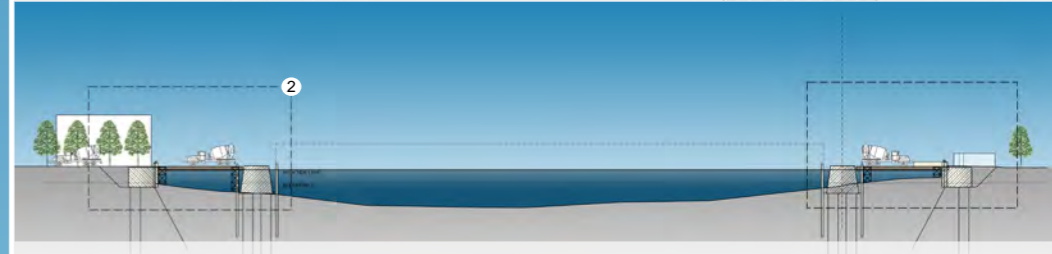
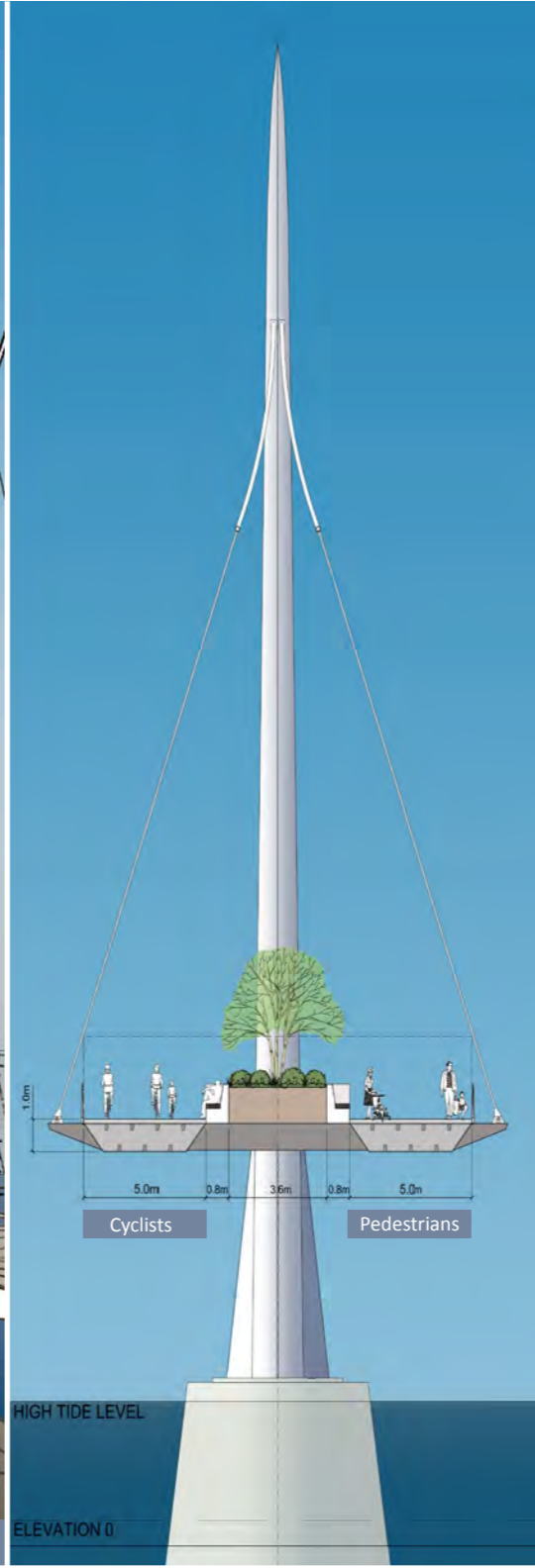
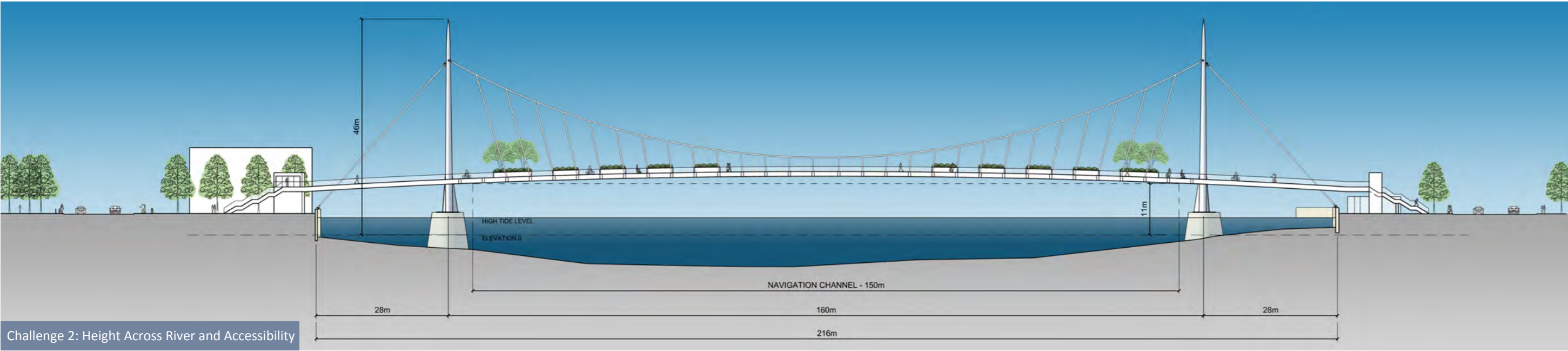




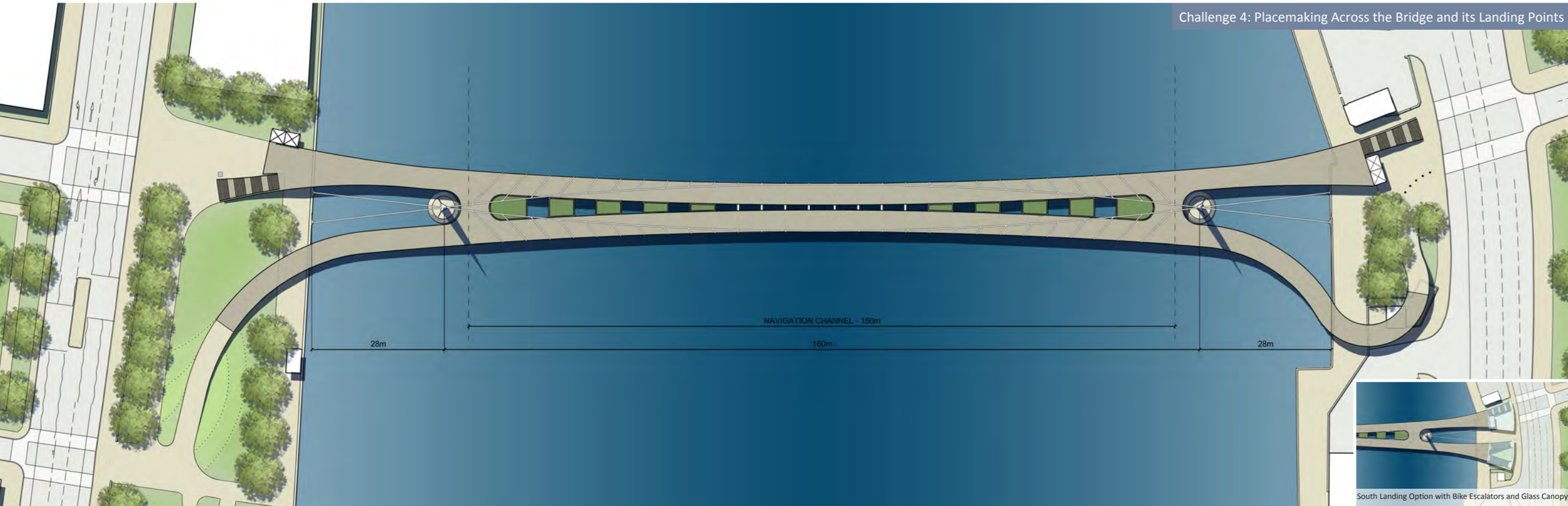
Challenge 1: Integrated Cycle and Pedestrian Traffic



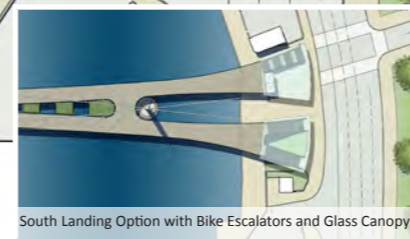
Challenge 3: Minimizing Impact on River Traffic and Surrounding Area During Construction



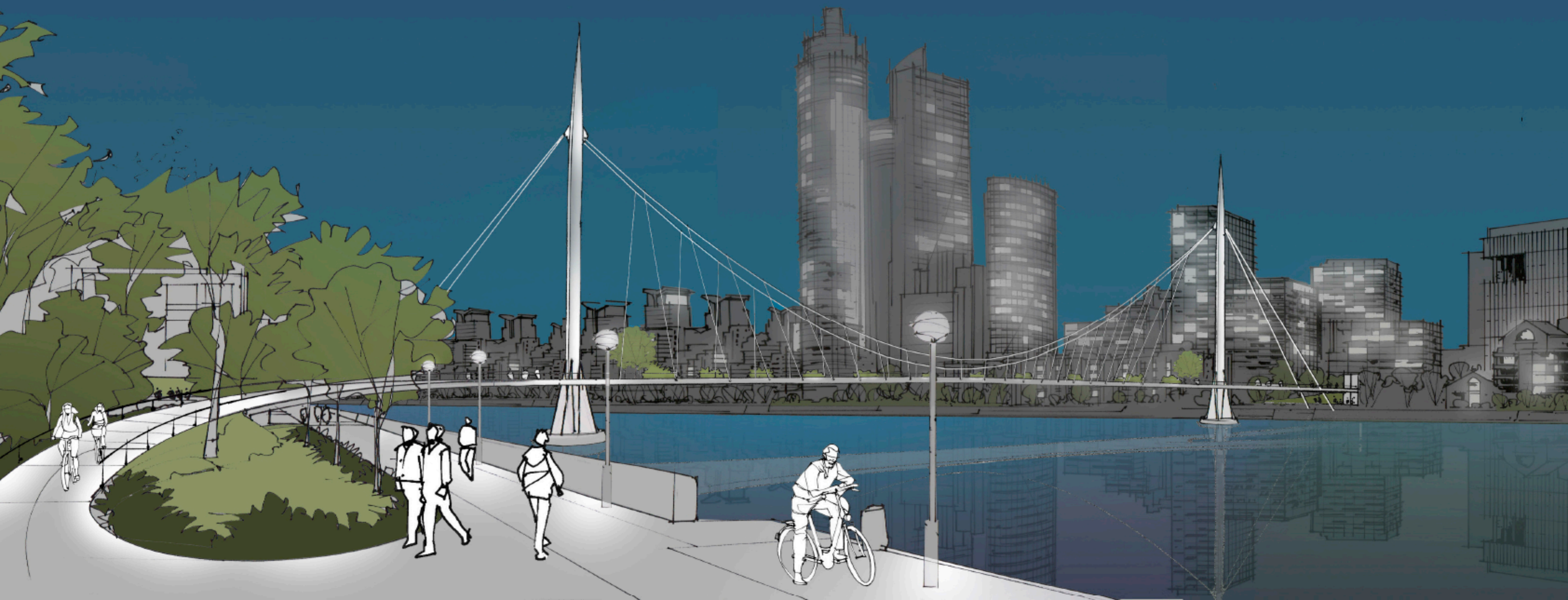
Challenge 2: Height Across River and Accessibility



Challenge 4: Placemaking Across the Bridge and its Landing Points



South Landing Option with Bike Escalators and Glass Canopy



The new pedestrian and cycle bridge over the River Thames between Pimlico and Nine Elms has been envisioned as a contemporary and elegant suspension bridge that will become a new member of the family of historic and contemporary bridges across the river such as the Tower Bridge, Albert Bridge and London Millennium Bridge. The bridge has taken inspiration from the London's past creating a timeless, state of the art crossing that will be enjoyed for generations to come.

The important new link will be distinguished for its exceptional accommodations for bicycles and pedestrians and its light and understated presence floating over the water. The cross section of the bridge has been divided into two separate circulation areas: one is dedicated to cyclists and the other for pedestrians and impaired/disabled users. This arrangement will minimize conflicts between the different type users. Ramps have been developed at both ends of the bridge to provide optimal access to the bridge for bikers making it functional and accessible as a commuter link. The ramps have been designed to avoid impacting the existing walkways next to the river integrating them well into the existing context. Elevators and stairs have been located at open space plazas at both bridge termini. A series of planters and seating zones centrally located have been included to allow for resting and stopping along the way to enjoy the views of adjacent landmarks and also experience the river's flowing water visible from openings in the bridge deck.

The bridge is curved in plan complementing the sweeping catenary cables that define an overall visually harmonious geometry. Single faceted steel towers will mark the navigation channel from a distance becoming light beacons at night as new symbols of the area. The use of suspension cables to support the bridge means that construction can take place from overhead whilst boats still pass freely beneath, ensuring that the building of the bridge causes minimal disruption to commercial and leisure users of the river. The new suspension bridge will be a beautiful and functional addition to London's context and its river setting.