

## THE NINE ELMS TO PIMLICO PEDESTRIAN AND CYCLE BRIDGE

*"By seeing London, I have seen as much of life as the world can show"* Samuel Johnson

Our vision for this bridge is to design an elegant, dynamic and spectacular bridge. Both banks of the river are attracted by the spectacle on the two entertainment plazas raised above the Thames where crowds enjoy events and activities against the unique backdrop of this great city.

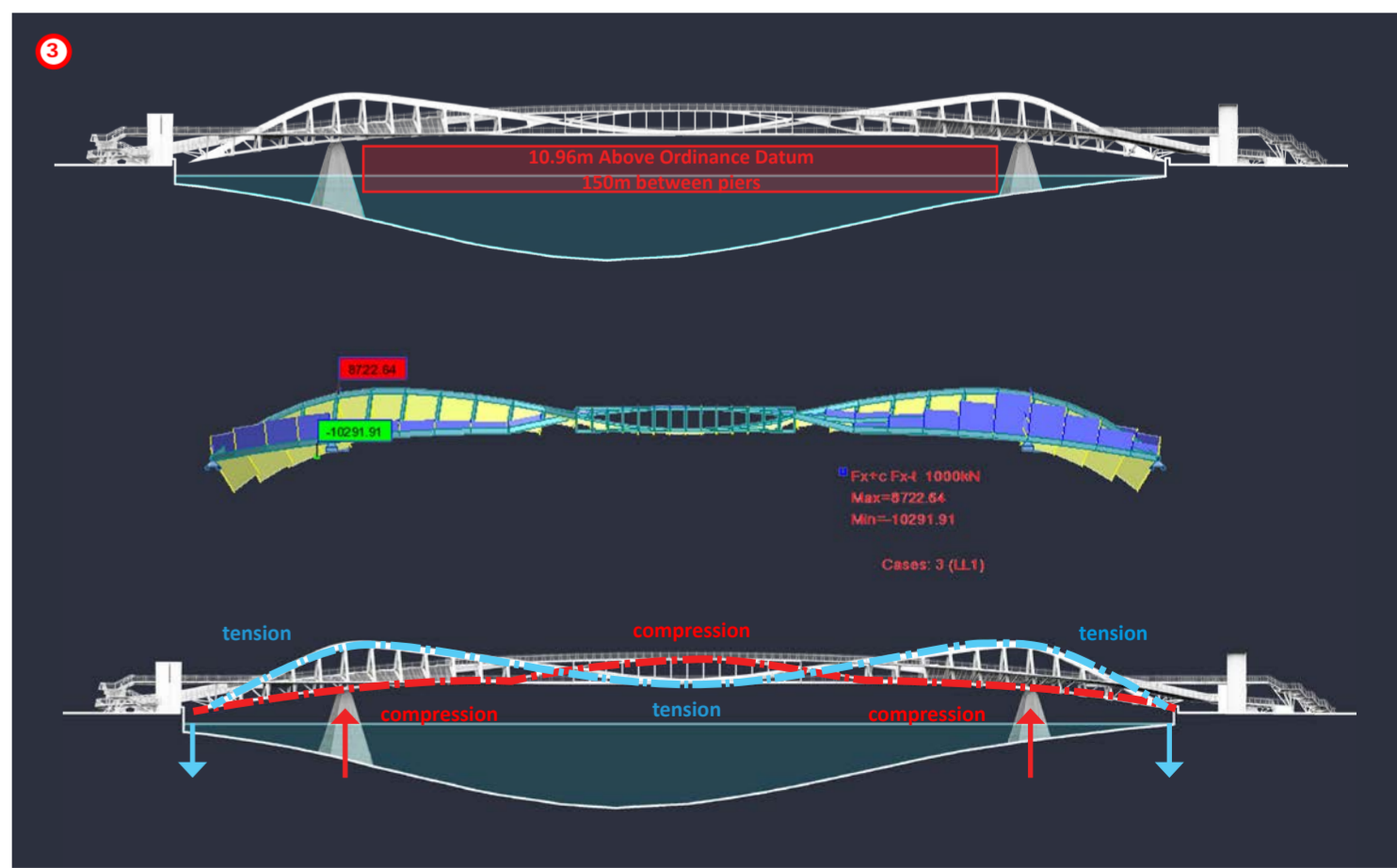
- 1 Challenge 1: Integrating cycle and pedestrian traffic.**  
The 4m wide cycle and foot paths are separated to provide a safe but integrated passage across the river using a consistent 1:21 and 1:15 slope respectively.
- 2 Challenge 2: Place making across the bridge and at its landing points.**  
The bridge's distinctly sinuous geometry defined by the intertwining foot and cycle paths generates cross over communal zones that allow a multitude of entertainment and commercial opportunities on and above the Thames with spectacular unclaimed views of the city and its river.
- 3 Challenge 3: Height across the river and the inherent access issues.**  
This unique structure rises gracefully above the river walls to meet all of the navigational requirements without compromising the simplicity and enjoyment of using the bridge for pedestrians and cyclists alike.
- 4 Challenge 4: Phased construction to minimize impact on river traffic.**  
This design allows simple phased construction using only bridge based cranes that allows the central channel to be left clear right up to the final lift to minimize disruption to river traffic.



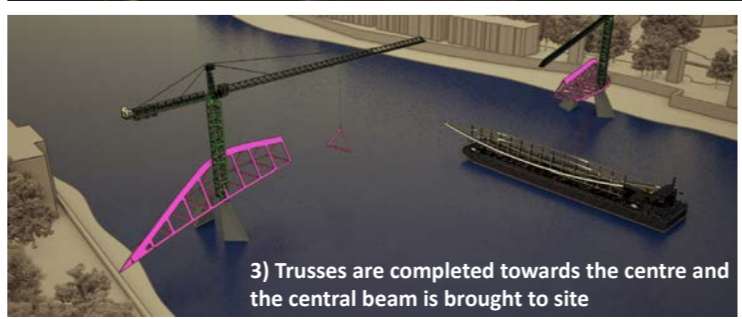
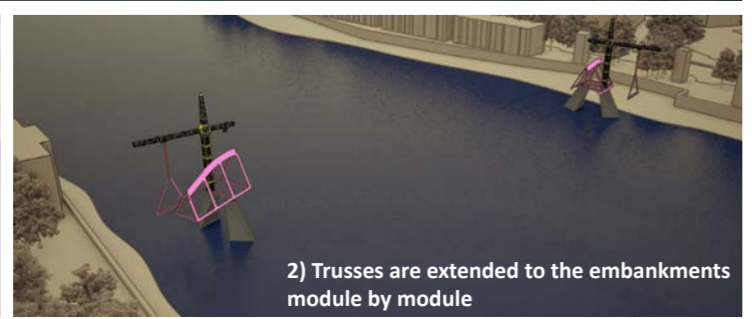
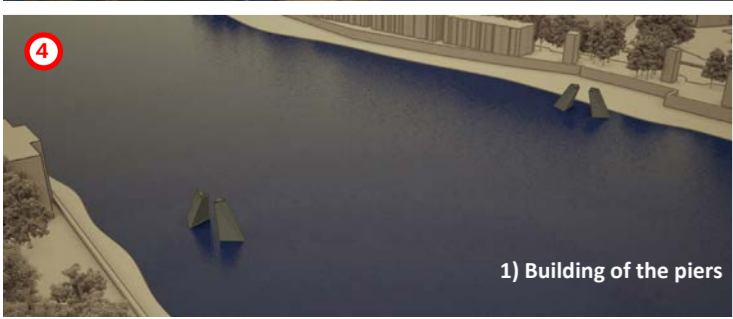
1) Building of the piers



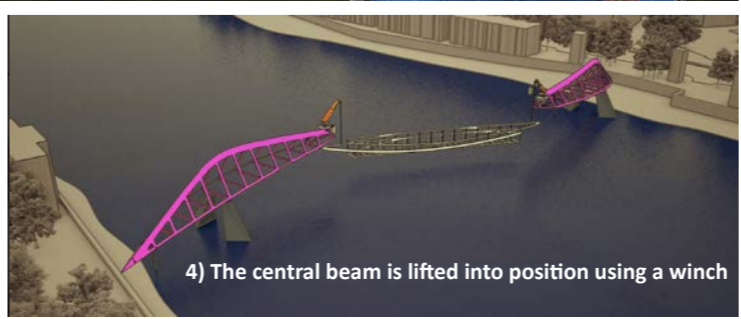
2) Trusses are extended to the embankments module by module



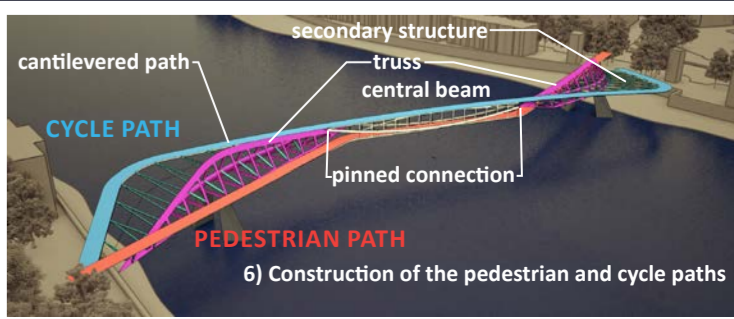
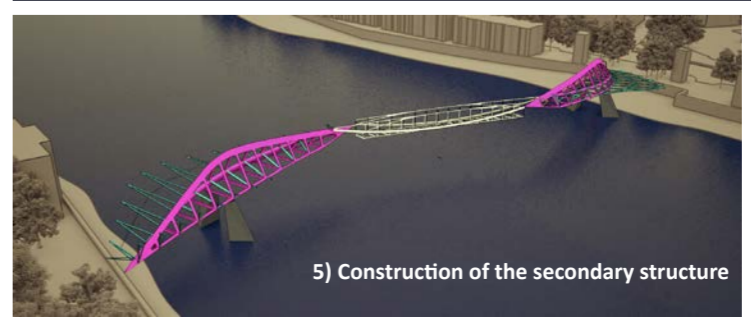
5) Construction of the secondary structure



3) Trusses are completed towards the centre and the central beam is brought to site



4) The central beam is lifted into position using a winch



6) Construction of the pedestrian and cycle paths