

1. INTEGRATING CYCLE AND PEDESTRIAN TRAFFIC

The differing requirements of pedestrian and cycle traffic have led to a double deck solution which provides a number of advantages. Firstly the vertical arrangement allows for fast and slow cycleways on the bottom deck with pedestrians on the deck above. The vertical space between the two decks is then used structurally by trussing getween them. This mekes awer
mast with less cables possible. Furthermore, additional visual interested is added to the bridge from afar and apertures in the top deck provide unexpected views and light not possible with a single level deck.
2. HEIGHT ACROSS THE THAMES

The great height required in this portion of the river has been used as an opportunity to create an event at both ends in the form of rotating gondolas. These provide an innovative and joyful means of traversing the height at each bank for both cyclists
 also have the option of using the stairs which will have an integrated bike track to allow cyclistst to orollt their bike up or down.


3. PHASED CONSTRUCTION


STRUCTURAL ANALYSIS

4. PLACE MAKING
he design responds to both banks of the river differently.
he North Bank is addressed sensitively by hanging the rotating gondolas over the water. The walkway up to the gondolas is
Confined to the river edge and includes a new hanging plaza over the water.
On the South Bank the iconic mast creates an identity for the bridge and a new landmark appropriate to the scale of the new on the South



