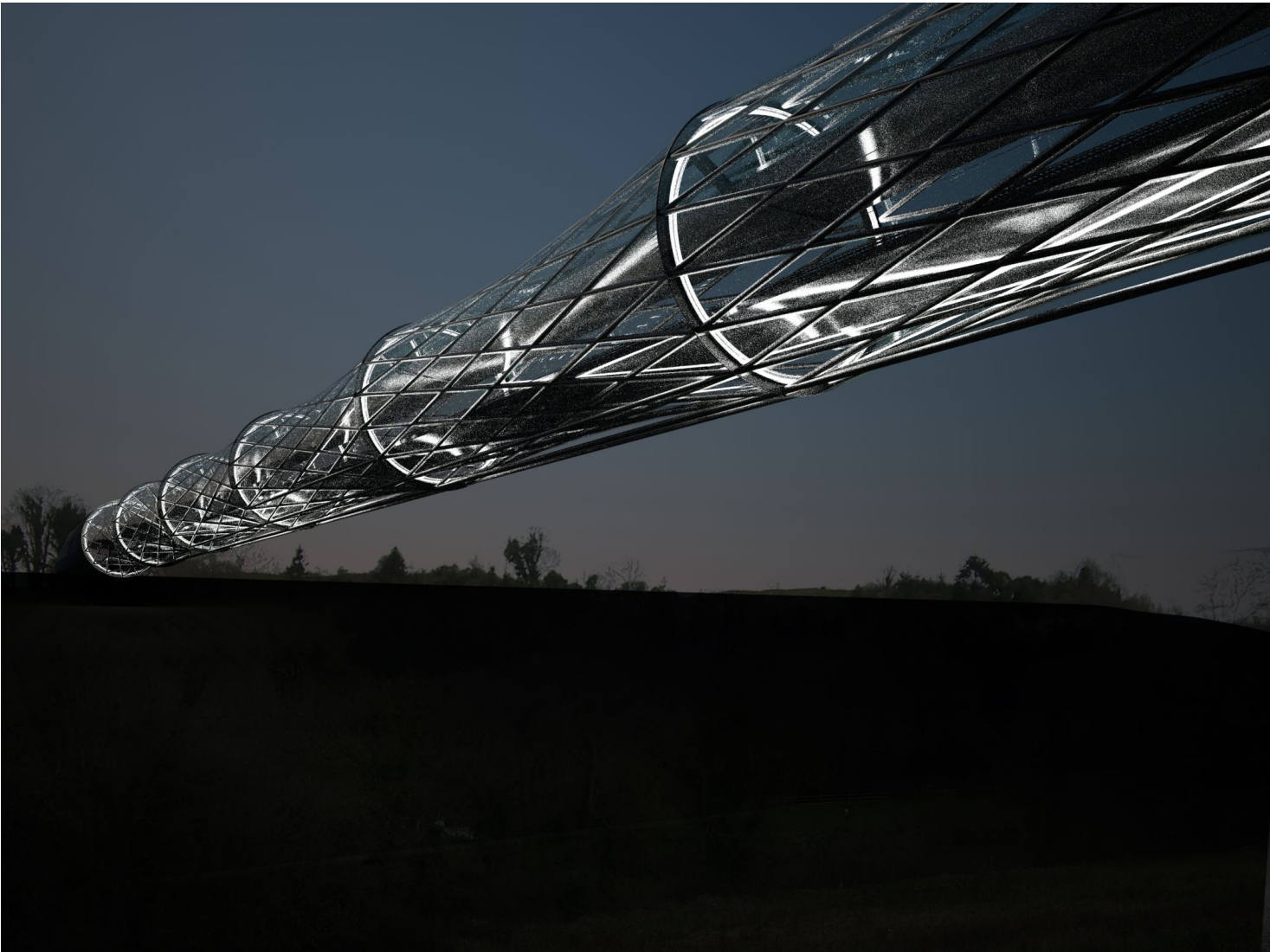
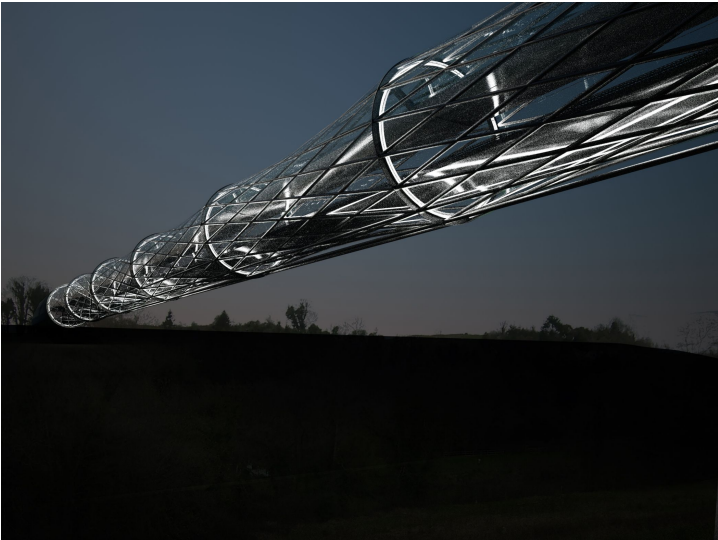


Metro West



Gallery



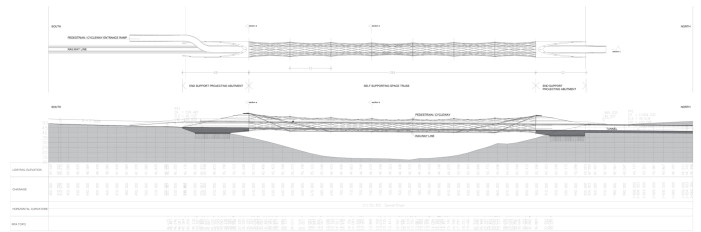
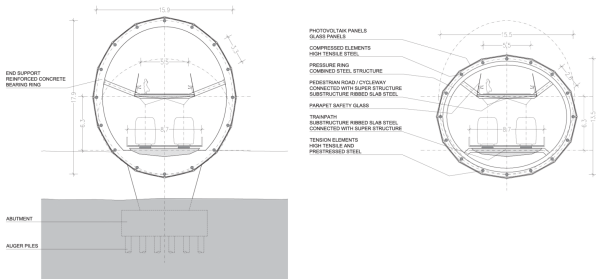
Solution

Metro West

The pedestrian walk and the bicycle track are separated from the train line, placed above of the rails. Therefore the route for the cyclers and pedestrians offers an unhindered panoramic view into the landscape. At the same time it improves the safety of the passengers as it is cut from a possible direct contact to the passing trains. This construction adds to the elegant and airy arrangement of the whole bridge, which understands itself more as an funtional addition to the natural scenery, instead of an interference. On one end the pedestrian and cycle route flows into the tunnel and on the other side it is slightly lifted via a ramp to reach the desired level.

Taking under consideration the special environment of the Liffey Valley, with its specific flora and fauna, it is planned to span the whole valley preferably column-free. This measure makes it possible to leave the environment beneath the bridge in its natural condition.

The massive bridge heads, built from reinforced concrete, carry the weight and anchor the self-supporting steel bridge, planned as a light-weight construction. Most of the execution works can be done through mobile cranes and in order to avoid permanent disturbances that would possibly destroy the state of the natural environment.



Info

Category

Bridges, Infrastructure/Traffic

Details

span: 295m

Copyright

driendl*architects ZT GmbH

City

Dublin

Commissioner

Railway Procurement Agency

Period

2008

Type

international invited contribution

Status

unbuilt