Be inspired

Dutch examples of bicycle bridge design

ipv Delft creative engineers Ivo Mulders M. Sc.





Dutch Design Guide

English summary

www.ipvdelft.com/brief-dutch-design-manual



Dutch Design Manual for bicycle and pedestrian bridges

Bridges: an essential part of cycling infrastructre

Bridges are gap closers









bridge length 280 m ramp length 150 m width 3.5 m budget €2.0 million costs €1.4 million Bridges shorten travel time



Naardermeer AMSTERDAM-ZUIDOOST Weesp 4522 AETSVELDN2 \$111 Gaasperdam Ouderkerk GEIN Naard aan de Amstel UITERMEER 5 17 min. Ballew N523 N236 NOORD-HOLLAND 6,1 km Hinderdam rte Kat UTRECHT Nigtevecht в Hilversumse Abcoude • -18 minutes Meent **Ronde Hoep** Meentsloot Ankeveen Luije Gat Nederhorst N236 Den Berg NOORD-HOLLAND Overmeer UTRECHT Horstermeer Baambrugge De Kwakes-Graveland Vinkekade stdijerdwarstocht Nimrodpark N201 Vreeland Wijde Blik Kortenhoef Loenersloot Hil Gemeenlandsvaart Achterbos N201 Kerklaan Waverveen Google Do Clashut







Bridges enhance safety















Bridges can become landmarks



Rio-Niterói bridge



JK Bridge, Brasília



Octavio Frias Bridge, Sào Paulo

Bridges bring economical benefits





Bridges can be advertisers of cycling infrastructure











Hovenring Eindhoven, The Netherlands



Design strategies for bicycle bridges

start with complex locations

innovative design (save costs) utilize exisiting bridges and tunnels combine bicycle and traffic or railway bridges look for the best location (save costs and shorten travel time) start with complex locations innovative design (save costs) utilize exisiting bridges and tunnels combine bicycle and traffic or railway bridges start with complex locations innovative design (save costs) utilize exisiting bridges and tunnels combine bicycle and traffic or railway bridges ok for the best location (save costs and shorten travel tim start with complex locations innovative design (save costs) utilize exisiting bridges and tunnels combine bicycle and traffic or railway bridges start with complex locations innovative design (save costs) utilize exisiting bridges and tunnels combine bicycle and traffic or railway bridges look for the best location (save costs and shorten travel time)

