

Pedestrian bridges

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NL

Qualification of the presenter:

Hillie Talens is projectmanager for bicycle and pedestrian projects at CROW in the Netherlands. She is educated as traffic engineer and has experiences in both the public and the private sector. Among many other projects she is also responsible for the Dutch bicycle design manual and the Dutch handbook for traffic provisions in urban areas.

Co-author(s):

Proposal:

Pedestrian bridges Waterways can be a huge barrier in routes for pedestrians in both urban and rural areas. The only easy way to cross that barrier is building a bridge. Bridges that can be used by all sorts of traffic are very big and very expensive. These are thus built on strategic places where a lot of traffic is brought together. For pedestrian this often results in long detours. A pedestrian needs a narrower grid or network than motorised traffic. A bridge that will only be used by pedestrian and possibly cyclists can be built easier and cheaper than an all traffic bridge. Non motorised traffic bridges can also be an attractive land mark in an area. At CROW we are working on a design manual that will contain all aspects that lead to the choice of the best location of to know about pedestrian bridges. In my paper/presentation I'll describe the need for these bridges, the proper location and connections to the road network and the technical aspects such as slopes, skid resistance, lighting, protection devices and so on and how they can be tailor made to the area that they appear in: nostalgic bridges in historical surroundings and modern bridges in new areas.