



Light Rail Station Shelters Stuttgart, Germany

Project:

Stuttgart upgraded its extensive Light Rail system in the early eighties by introducing new cars with regular track gauge, substituting the older trolley cars on narrow gauge (1m) track. The upgrade resulted in longer stations with the need to accommodate raised platforms. Several stations were designed for mixed use of old and new vehicles. Wilhelmsplatz is the main hub LRT station in Bad Cannstatt, which links the light rail system with the heavy rail commuter trains and several local bus lines. It is located in the center of a commercial hub surrounded by vehicular arteries.

Responsibility:

Schematic design of a custom station shelter which can be used on several platforms for trains and buses and adjust to varying platform widths and reflects on the importance of this specific downtown station.

Design Principles:

The objective of architects Luz and Nikolaus H. Philipsen called for shelters with vaulted glass roofs which could easily be adjusted to the different depth at the various shelter locations within the station complex.

***Individual Experience**

Mr. Philipsen was a member of the local planning council. As an architect and an urban designer he assisted in the redesign and upgrade of the major LRT stops in the district.



Above: Glass vaulted shelters at intermodal station Wilhelmsplatz

Right: New Stuttgart LRT vehicle