

Underground plaza on the south side of Hiroshima Station



Ordering party : Hiroshima City

Location : Hiroshima City

Project summary :

- Public underground : Passage: 3000m²
(Std.Width 25m)
- In the facility : Underground plaza: 550m²

Services :

- Structure design for building frame :
Nikken Sekkei Civil Engineering
- Design : Yasui architectural design office

Time of services : 1999

To improve the south area of Hiroshima Station appropriate as entrance of extensive city, Hiroshima, there was an urgent need to build the underground pedestrian network and plaza.

This project led to:

- (1) Enhance the functions of Hiroshima Station
- (2) Create an attractive pedestrian space
- (3) Create an attractive urban area, which promotes the urban redevelopment projects

We arranged pillars at wide intervals and a high ceiling with bright windows at the center to create an open underground plaza.

The SCR (Steel Reinforced Concrete) pillars and beams were adopted for the reasons mentioned below:

- (1) The pillars are located at wide intervals
- (2) To support the weight of the trains in future
- (3) Increase seismic capacity of the underground