

## Shinmisaki Bridge



**Ordering Party** : Chiyoda-ku  
**Location** : Chiyoda-ku, Tokyo  
**Summary** :

- Structure : Simple steel plate deck girder
- Length : 28.2m
- Span length : 27.5m
- Width : Driveway 7.0m + Sidewalk 3.2m
- Total width : 11.2m
- Gradient : 2% parabola
- Substructure : Reversed-T-type abutment
- Foundation work : Cast-in-place pile

**Services** : Basic design, Execution design

**Time of Plan** : January, 2002



The first construction of the bridge over the Nihonbashi River (bridge length: 28m, width: 8.1m, 3-span concrete rigid-frame bridge) was November 24th, 1926; but it was rebuilt in February 5th, 2002, with the "Iidabashi i-Garden Air" redevelopment project for the JR Iidamachi freight station's vacant lot (bridge length: 28.3m, width:10m).

This bridge uses weathering steel to reduce the maintenance cost.

Because the construction site was in the urban area, the wire sawing method was adopted when removing this old bridge.