



Southern Bypass of Traunstein



Figures and Facts:

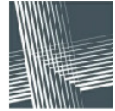
- ◆ Site:
Traunstein / Bavaria
- ◆ Owner:
City of Traunstein
- ◆ Planning:
Dipl.-Ing. Richard J. Dietrich,
Architect
- ◆ Time of construction:
Nov. 1999 to Dec. 2000
- ◆ Weight:
Steel 155 t
Gussets 60 t
- ◆ Length of bridge: 207 m

Building:

- ◆ Southern bypass of Traunstein
Traffic reduction for the inner city
- ◆ Bridge spanning the National
Road B 306, the river Traun, a
minor road and the railroad
between Traunstein and
Mühlbach
- ◆ The bridge is situated in a
recreation area. Therefore special
attention had to be paid to
harmony of material, structure
and form with the surrounding
landscape.

Parts by Maurer Söhne:

- ◆ Planning of the bridge
- ◆ Manufacturing and erection
of the tree-shaped frame-
work
- ◆ Manufacturing and erection
of the longitudinal beams
supporting the road
- ◆ Bridge-bearings and
expansion-joints
- ◆ Gussets



View from below the bridge



Cast steel knuckle-joints for the taking-over of thermal expansion.

- ◆ Imitation of the shape of a tree by a tubular structure, diameter 273, 324 and 406 mm, wall-thickness from 8.8 mm to 30.0 mm
- ◆ The knuckle-joints are made of pre-fabricated cast-steel parts
- ◆ Individual elements were pre-fabricated in our workshop
- ◆ Maximum size of element: 24.0 m x 4.2 m

**Maurer Söhne Headquarters**

Frankfurter Ring 193, D-80807 München, Germany
 Phone +49 / 89 / 3 23 94 - 3 19
 Fax +49 / 89 / 3 23 94 - 3 55
 e-mail nolte@maurer-soehne.de
 Internet www.maurer-soehne.de

Maurer Söhne Branch Office

Zum Holzplatz 2, D-44536 Lünen, Germany
 Phone +49 / 2 31 / 4 34 01 - 0
 Fax +49 / 2 31 / 4 34 01 - 11

Maurer Söhne Branch Workshop

Kamenzer Straße 4-6, D-02994 Bernsdorf, Germany
 Phone +49 / 3 57 23 / 2 37 - 0
 Fax +49 / 3 57 23 / 2 37 - 20