

Project: Rontal freeway
Implementation: July 2012
Country: Switzerland



Rental- Autobahnzubringer

Characteristics of this project

- Tunnel connection to the highway
- **Cost saving** in project by integration bridge drainage unit
- **Direct drains** prevent rainwater from altering the tunnel structure
adapt
- **Easy maintenance** from the road surface;
- **Lightweight units** save costs during installation
installation and also **save weight** on the bridge deck;
- Easy connection to **sewage system**.
- Increased **road safety**

Product profile



Bridge Drainage unit

- ✓ Lightweight
- ✓ Material: composite of recycled PE.
- ✓ Certified according to EN1433.
- ✓ Weight category D400.
- ✓ With ZOAB drainage openings.

How did Bridge Drainage support this project?

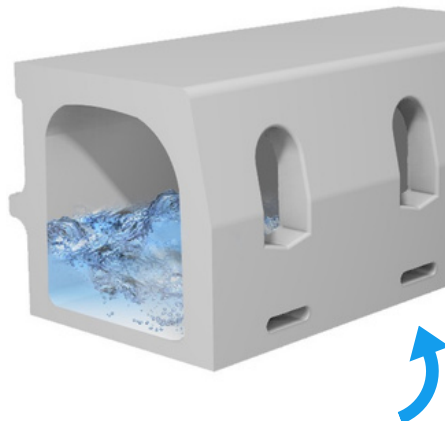
Bridge Drainage designed a tailor-made drainage design in cooperation with the engineering firm. The engineering of the drainage and the technical drawings were provided. Bridge Drainage also supported the contractor with advice during the installation.

Advantages over regular drainage

- **No piping** under the bridge deck;
- Discharges water **before the end** of the bridge;
- Drainage over the **waterproof layer**;
- **No holes** through the concrete structure;
- **Weight saving**;
- **Environmentally friendly**: recycled plastic bottles used in this project
- Prevents **corrosion**



Explanation on site



Extra: Additional drainage possibility for ZOAB layer



Bridge Drainage units from the road surface

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