

Project: Kirchdorf

Performance: sept. 2020

Contractor: Wilhelm Geiger GmbH & Co. KG

Engineering: ILP **2**



Tailormade bridge unit design for bridge Kirchdorf

Features of this project

- Rainwater **leaves** the road deck **directly**;
- Prevents **aquaplaning**;
- Direct drains prevent rainwater from affecting the **bridge structure** degradation;
- **Easy maintenance** from the road deck;
- **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 Kerbdrainage

- ✓ Lightweight
- ✓ Material: composite of recycled PE
- ✓ certified according to EN 1433
- ✓ Weight category D400
- ✓ With ZOAB drainage openings.

How did Bridge Drainage support this project?

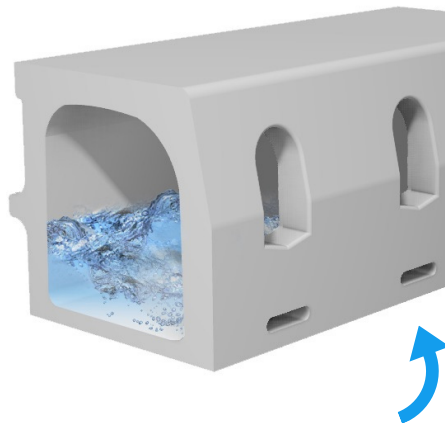
Bridge Drainage designed a tailormade drainage design in cooperation with the engineering firm ILP2. They took care of the engineering of the drainage and the technical drawings. Bridge Drainage also supported the contractor with advice during installation.

Advantages over regular drainage

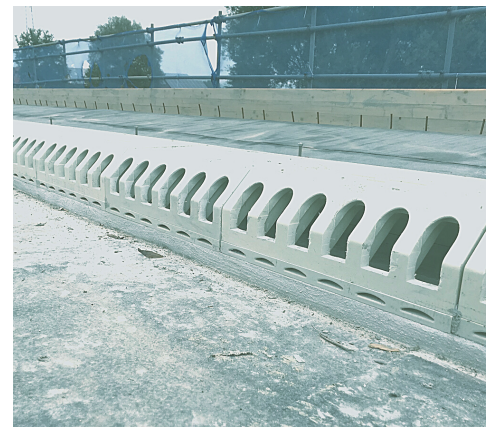
- **No piping** under the bridge deck;
- Discharges water **before the end** of the bridge;
- Drainage over the **waterproof layer**;
- **No holes** through the concrete structure;
- **Weight saving**;
- Environmentally friendly: **63,000 recycled plastic bottles** were incorporated into this project.
- Prevents **corosion**



Explanation on site



Additional drainage possibility for ZOAB layer



Bridge Drainage units from the road deck

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