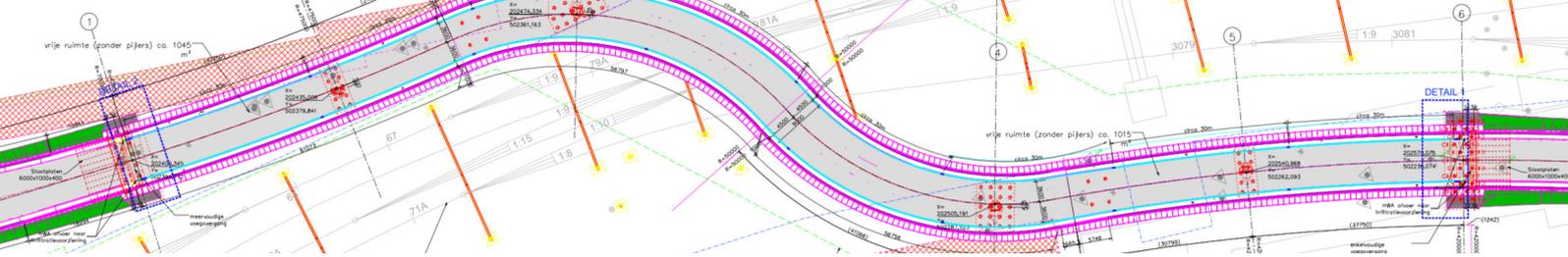




Project: Busbrug Zwolle
Performance: November 2018
Engineering: IPV DELFT/
BAM INFRA CONSULT
Contractor: BAM infra





Bus bridge Zwolle

Maintenance on the bridge -60cm more compact bridge construction

Characteristics of this project

- Composite drainage system integration **into the design.**
- 60 cm **space saving** in the from guardrail to guardrail.
- Maintenance **from the bridge deck.**
- **Weight saving** by using light material.
- Drainage **disappears directly** from the road surface.
- **182,000 recycled plastic bottles** were used during this project.

Product profile



Bridge drainage Kerbdrainage

- ✓ Easy connection to sewer system
- ✓ Lightweight and therefore cost effective in several ways
- ✓ Material: composite of recycled PE
- ✓ Certified according to EN1433
- ✓ Weight category D400

How did Bridge Drainage support this project?

In cooperation with the engineering firm, Bridge Drainage detailed and elaborated the bridge drainage in the drainage drawing. Before the kerbs were placed, Bridge Drainage gave instructions to the tradesmen and the contractor on how the products should be processed and placed.

Advantages over regular drainage

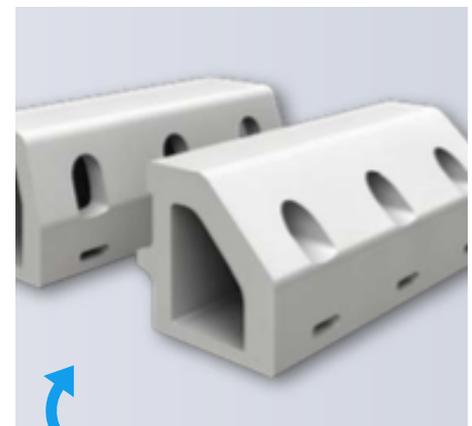
By integrating the drainage system into the kerbs, this bridge could be realized **60 cm slimmer**. Also, many points were scored in the EMVI by being able to realize the maintenance of the drainage system entirely from the bridge deck. In addition, **300% weight** was saved in the drainage kerb line.



Integration of drainage into footpath



3-in-1 solution



Composite (light weight)

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