



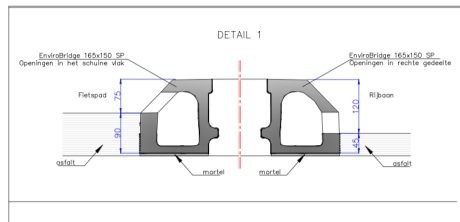
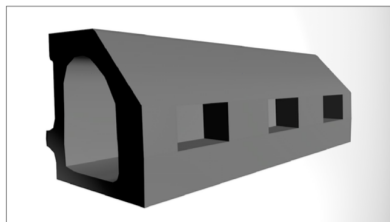
Project: Renovation bridge Graafseweg Nijmegen

Performance : construction season 2017

Engineering office: Wagemaker

Contractor: Heijmans





LEGENDA IDS-GROUP ENVIROBRIDGE UNITS			
	EnviroBridge 165x150SP Opelingen in schuine vlak		EnviroBridge 165x150SP m passtuk IN HET WERK ZAGEN, Opelingen in schuine vlak
	EnviroBridge 165x150SP Opelingen in rechte gedeelte		Passtuk
	EnviroBridge 165x150HB Blind units		EnviroBridge 165x150SP passtuk IN HET WERK ZAGEN, Opelingen in rechte gedeelte
	EnviroBridge 165x150SP Inspectie units		Passtuk
	EnviroBridge 165x150SP Inspectie units met 2x 110 Onder uitlaat & 2x110 achter inlaat		EnviroBridge 165x150HB Blind inspectie unit

Renovation of Nijmegen bridge

Optimization of rainwater discharge during renovation of 1953 bridge

Features of the project

- Composite drainage system integration into the design;
- 80 cm space saving in width;
- Maintenance on the bridge deck;
- Weight saving by using light material;
- More efficient drainage.
- 216,000 plastic bottles were used in this project.

Product profile



Bridge Drainage

- ✓ Simple connection to the sewage system
- ✓ Lightweight and therefore cost saving in several respects
- ✓ Material: composite of recycled PE
- ✓ Conforms 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 tires 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

The drainage problem of this bridge was completely solved with the drainage bands. By integrating the drainage into the bands, this existing bridge could be realized 80 cm slimmer. Also, the maintenance of the drainage system will be able to take place completely on the bridge deck. In addition, 300% weight was saved in the drainage belt line.



Integration drainage in central reservation



Composite (lightweight)

Technical department
+31 (0)6 10 33 84 78

Inside sales department
+31 (0)6 11 13 13 82

Overall
+31 (0)46 207 70 04
Info@bridge-drainage.com

**BRIDGE
DRAINAGE**
www.bridge-drainage.com