PROJECT PDF

Willemen Groep
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E17 viaduct - Gentbrugge

Project Details

Activities
Civil Engineering
Bridges
Parkings
Road construction
General roadworks
Asphalt works

Contractors
Willemen Infra

location
E17
9000 Gent Belgium
Oost-Vlaanderen BE
E17
9000 Gent Belgium
Oost-Vlaanderen BE

Client
Agentschap Wegen en Verkeer Oost-Vlaanderen

Price
€34.300.000

Construction period
1 year 7 months

Start work
03-2020

End of work
10-2021

Project website
Renovatie viaduct Gentbrugge



The 1.6 km E17 viaduct in Gentbrugge fully reopened to traffic at the start of October 2021, one month earlier than scheduled.

The viaduct dates back to the 1960s and was severely outdated. On top of the viaduct, we renovated the road surface, waterproofing, sound barriers and crash barriers. Underneath, we repaired the concrete structure, fitted the columns with cathodic protection and applied a protective coating. In addition, we also took care of the complete renovation of the bridge across the River Scheldt and the redevelopment of the Gentbrugge services.

During the renovation works, soundproofing measures were an important focal point. "Aside from new, higher and longer sound barriers, all 48 joints in the bridge surface were renovated using a silent PU joint filler. Some of these joints are recessed, meaning they are barely visible. As a result, the road surface continues almost uninterrupted, which makes it much more enjoyable for vehicles to drive on. We also opted to use silent asphalt.

The renovation works on the Gentbrugge viaduct started in the spring of 2020. The section in the direction of Kortrijk was tackled first, before moving on to the section heading towards Antwerp. That way, traffic could continue to move across the viaduct in both directions at all times.

Willemen Infra

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website

Willemen Infra is a leading, Belgian road construction company with a regional presence in both Flanders and Wallonia. An important asset is that we have all aspects of the construction process under our own management and thus fully control the execution. Moreover, our team of 1,000 well-trained and experienced employees are willing to work at night and over the weekend to make sure they get everything done in time. In addition, thanks to our own COPRO and CSC-certified production and recycling sites, we are one of the leading producers for asphalt and road concrete.