PROJECT PDF

Willemen Groep
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Medialaan traffic complex - Vilvoorde

Project Details

Activities
Civil Engineering
Bridges
Road construction
General roadworks
Asphalt works

Contractors
Willemen Infra

location
Medialaan
1800 Vilvoorde Belgium
Vlaams Brabant BE

Client
De Werkvennootschap

Price
€16.000.000

Special features BIM

Construction period
2 years 9 months

Start work
09-2020

End of work
06-2023

Project website
Op- en afrittencomplex Vilvoorde



The entry and exit complex at Medialaan and Tyraslaan (N209) in Koningslo (Vilvoorde) is receiving a complete overhaul. At the same time, the R0 bridge across the N209 is also being renovated. The road infrastructure will be made more compact, and we will be providing safe infrastructure for vulnerable road users in the form of three new bicycle bridges that connect to the F23 bicycle highway.

The main purpose of the full redevelopment of the complex is to separate vehicle traffic from bicycle and pedestrian traffic. The works have been broken down into eight different phases, to ensure as little traffic disruption as possible is caused. Traffic will continue to circulate during the entire execution period of the works, albeit at reduced capacity. To make sure this could be the case, we installed a significant amount of temporary road surfaces, we surfaced the central reservation and the hard shoulders will function as temporary entry and exit sliproads. We aim to cause as little disruption as possible as part of every project we undertake, and this one is no different.

One thing that stands out about this project is the attention paid to both active road users and animals. A temporary connection was also arranged for cyclists and pedestrians, separate from motor vehicle traffic. The new complex will have a wildlife crossing, with underpasses and channelling fences to offer optimal protection to animals. The new bicycle bridges are 10 metres wide, of which around three metres will be green.

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This project encompasses all aspects of road building: civil engineering works, bicycle bridges, grouting walls, wildlife crossings, heavy shafts, a deep sewer system, phasing depending on traffic, the road surface itself and so on. To reduce any disruption to a minimum, work continues over the weekends and during holiday periods. Planning and phasing are crucial aspects.

Willemen Infra

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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.