Urban boulevard at the entrance of Tubize

Rue de la Déportation, Tubize (BE)

Civil engineering and bridges studies

Owner
Duferco Wallonie

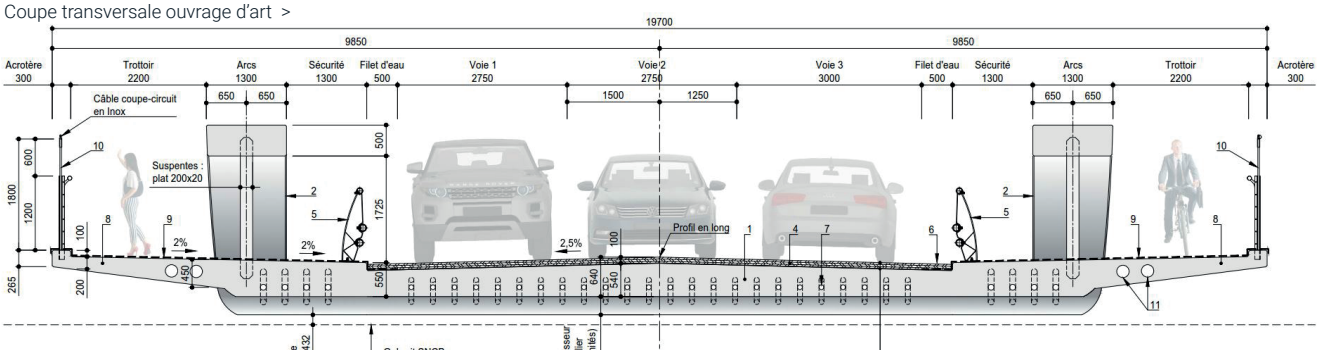
Cost of the works
€ 11,8 M excl. vat of which € 3,5 M for the bridge and € 8,3 M excl. vat for the civil engineering

Studies
2018 - 2020

Execution
2022 - 2026 (planning)

GC OA

Coupe transversale ouvrage d'art >



The project concerns the complete redevelopment of the roads at the southern entrance to the city of Tubize and the creation of a new urban boulevard between the bridge over the Charleroi-Brussels canal and the eastern entrance to the city of Tubize.

The boulevard will also serve a future inBW economic activity zone and the new district project that will be carried out as part of the redevelopment of the former Forges de Clabecq site.

The bureau greisch has been entrusted with a complete assignment for the civil engineering and bridges studies of this city entrance boulevard, which also includes two important crossroads and a new structure for the crossing of the L106 railway line. It will enable the existing traffic to be fluidized by offering an alternative to the current level crossing, which will be removed by Infrabel.

The structure, with a total span of 59 m, comprises 2 spans of respectively 40 m and 19 m in length and 20 m in width. The road bridge deck, bowstring type, is made up of lateral beams in prestressed prefabricated concrete and steel plate hangers. For pedestrians and cyclists, transverse paving stone are laid on both sides in cantilever position.

The large span will be completely prefabricated on site and will be installed by pushing it from an abutment to the intermediate pier on the other side of the tracks.

The civil engineering work includes numerous retaining walls, made of exposed concrete walls and gabions, which structure the landscaping of the embankments. A large storm basin in the form of a natural valley is also lined with gabion walls.

A soft mode path runs along all the new roads to ensure the cycle-pedestrian links between all the branches of the new boulevard: towards Clabecq and the bridge over the canal to the east, the centre of Tubize to the north, the Confluents district to the south and Queen Elizabeth Street to the west.

These developments complete another project currently being studied by the bureau greisch, that of a new roadway bypassing the town of Tubize to relieve congestion in the urban center, between the Provincial road (coming from Braine-le-Château) and the E429 motorway.

JNC International is associated to the project for urban planning and landscaping studies.