



# WEGBRUG OOIGEM- DESSELGEM

## Ooigem

Study of the foundation of bridge abutments + substructure and superstructure of the temporary cycling bridge over the Leie



### Status

2020 - 2021



### Services:

Civil Engineering



### Sectors:

Civil works: Bridges



### Client:

De Vlaamse Waterweg



### Area:

99 m



### General

Seine Scheldt Flanders is a large-scale inland waterway project by De Vlaamse Waterweg nv, with support from the European Union. The project aims to develop inland shipping into a full-fledged alternative to road freight transport. This results in less traffic congestion, more safety, and a cleaner environment.

To achieve this, European waterways must be made suitable for vessels with a larger loading capacity, so they can navigate smoothly between the Seine and the Scheldt. Flanders plays a key role in this: it gets to realize the missing link in the European waterway network. Therefore, the Leie is being adapted for class Vb vessels, which are up to 190 meters long and 11.4 meters wide.

In addition, cargo ships with three layers of containers must be able to pass under bridges without any problems. This requires a clearance height of 7 meters. The current bridge between Ooigem and Desselgem has only a clearance height of 5.6 meters and is therefore being completely renewed.

### Role of BM Engineering

BM Engineering acts as the engineering office for contractor Artes Depret and provides the execution and reinforcement plans for the bridge abutments.