PROJECT PRESENTATION

- 14 km long and links the N5 in Frasnes-les-Couvin with the French border at Brûly-Gué-d’Hossus.
- Every day, 17,000 vehicles pass this road, with 20% heavy trucks.
PROJECT PRESENTATION

• The project in numbers:
  
  – 130,000,000 € (SOFICO)
  – 5 millions m³ earthwork
  – 300,000 m² CRCP
  – 36 Engineering Structures
  – 28 km fences
  – 22 cut/fill areas
PROJECT PRESENTATION

3 phases:

- Phase 1: ring road (5.1 km)
- Phase 2: link with french border (8.7 km)
- Phase 3: covered cuts under railtracks (0.9 km)
PROJECT PRESENTATION
36 Engineering Structures:
- 9 upper bridges
- 14 small wildlife crossings
- 2 tunnels
- 6 water tanks
- 2 game crossings
- 3 spilways
CRCP IN BELGIUM - SPECIFICATIONS

- Specifications for CRCP pavements in public projects are regionally regulated

Cahier des Charges Type Qualiroutes

Apprové par le Gouvernement wallon en date du 20 juillet 2011

Site "Qualité & Construction": http://qc.spw.wallonie.be

Agentschap wegen & verkeer

Vlaamse overheid

Standaardbestek 250 versie 3.1
E420 – ROAD STRUCTURE

- 14 kms two lift CRCP
- Phase 1 completed – phase 2 under construction
- Phase 1: 2 lanes of 3,75 m in each direction
- Phase 2: one lane of 10,5 m width
- Active Crack Control

60 mm  top layer in exposed aggregate concrete
0/6.3 mm, placed wet-in-wet
170 mm  bottom layer concrete 0/32
60 mm  sandwich layer in asphalt
200 mm  lean concrete
300 mm  aggregate road base