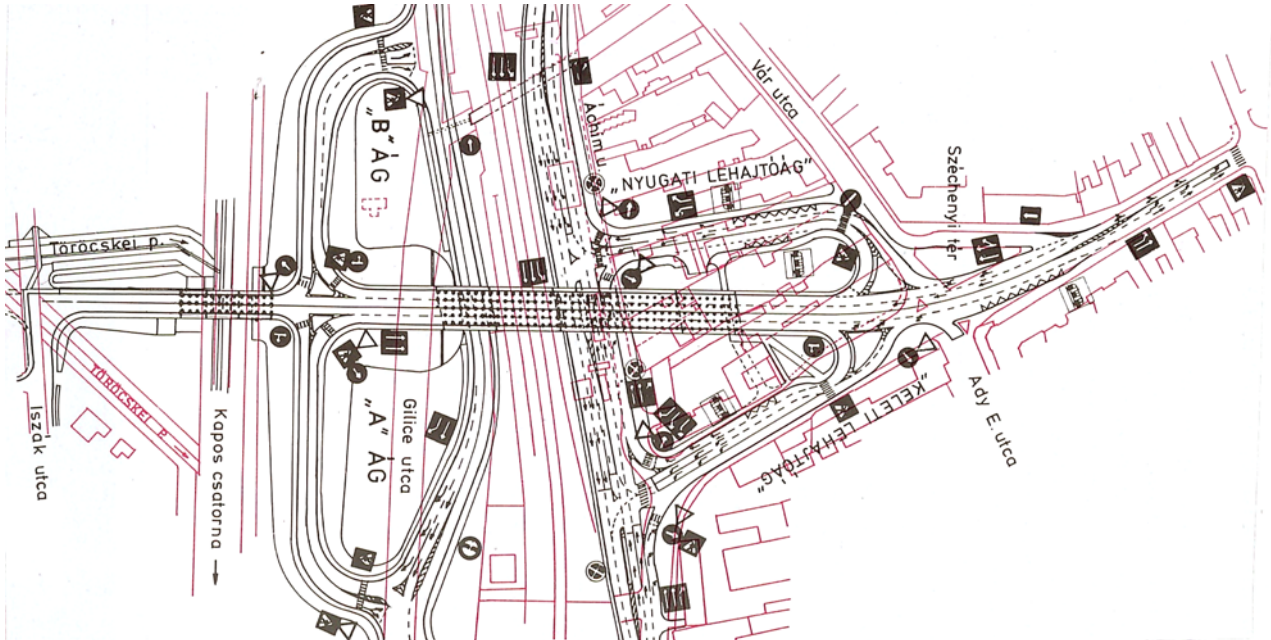


NEW ROUTE OF ROAD NO. 67 AT KAPOSVÁR



Client:

Somogy County Municipality
Kaposvár Municipality
Road Directorate of Kaposvár

Features:

Section length: 4.5 km
Design speed: 60 km/h
Major structures:
Interchange bridge with 4 traffic lanes: 135
Kapos river bridge with 2 traffic lanes: 42
Earthwork: 240 000 m³
Asphalt pavement: 90 000 m²

Time of design: 1984-1991

Time of implementation: 1986-1991

Services:

- Soil mechanics
- Surveying
- Preliminary studies
- Environmental impact analysis
- Design for approval
- Design of new construction technologies
- Construction supervision

Kaposvár town is divided into two parts by the Kapos river and the railway line. Nearly half of the local and transit traffic between the northern and southern parts of the town has been practically carried by the so called "Donneri" overpass of Main Road No. 67. The possibility for construction of a new alignment for the road, bypassing the inhabited areas, became feasible by the early eighties.

The construction was divided into three phases. In the first phase a new overpass with four traffic lanes and a grade separated interchange were completed. The further sections were designed with two traffic lanes, but the possibility of adding two more lanes was taken into consideration as well.

The geotechnical conditions required the use of geotextil in the road foundation in some places, and in order to shorten the implementation time, it was necessary to apply reinforced earth retaining wall at the grade separated interchange.

The realise the complex system of facilities, it was also necessary to prepare the designs of four minor bridges, electric and postal cables and outdoor lighting.