



# UNITEF'83 Zrt.

Brief Company  
Profile



## UNITEF'83 Technical Design and Development Private Limited Company

- main profiles
  - architectural design and
  - civil engineering, **especially motorway and tunnel design,**
- established in 1983.
- 100% owned privately by its management
- Net annual revenue (UNITEF'83 Zrt. 2021): 8.700.000- €
- As an Enterprise Group it has 170 employees
- Plays a key role in motorway design within Hungary
- Participation in international projects (Slovak Republic, currently in Ghana)
- Cooperation with CÉH



# Architecture

## ☐ Offices, Public buildings

- ☐ UNITEF'83 Headquarters office building,
- ☐ Alkotás Center Office building,

## ☐ Intermodal junctions and facilities of transport

- ☐ Reconstruction of Railway stations in North-Balaton region
- ☐ Subway and Suburban lines design, expansion of Suburban line H2, H6
- ☐ Intermodal junctions in cities of Kecskemét, Szombathely, **Kaposvár (constructed)**, Zalaegersze, Miskolc, Nyíregyháza

## ☐ Facilities of Motorways

- ☐ Engineering Station of Bátaszék (M6 Motorway), Szigetszentmiklós, Bicske, Kál, Komárom, Martonvásár, Emőd, Kál

## ☐ Warehouses, industrial buildings

- ☐ Glass factory 20.000 sqm, Warehouses, Penny Market store (4 buildings), Mercedes –Benz factory hall structure, more than 100.000 sqm (with CÉH)

## ☐ Apartmans, holiday apartmans

- ☐ UNITEF'83 Headquarters office building



## Bridges and viaduct

### □ Mosoni Duna –híd, Győr city

- Overall Design, Tow bridge, concrete substructure,
- Total length 213,6 m, spans: 144 m és 68 m, height: 66,74 m, 2x2 lanes overall width 29,73 m,

### □ Viaduct at Szebény, M6 motorway (Szekszárd, Bóly sc.)

- Overall design, constructed in 2010, Steel structure, concrete pylons of 28 m height,
- Total length of 866 m, motorway bridge, 2x2 lanes, special formwork and concreting technology,

### □ Megyeri–bridge, Budapest, M0 ring north (with CÉH)

- Subject of design : motorway design 2x2 lanes, with a capacity of 2x3 lanes and junction roads at tow bridge with concrete substructure,

### □ Overflies, bridges etc. to Motorways

- In magnitude a couple of hundreds,

### □ Overfly of railway above M6 Motorway (with MSC.Ltd)

- Overall design, currently under construction, Steel structure „Langer” bridge for single track, total length 72m

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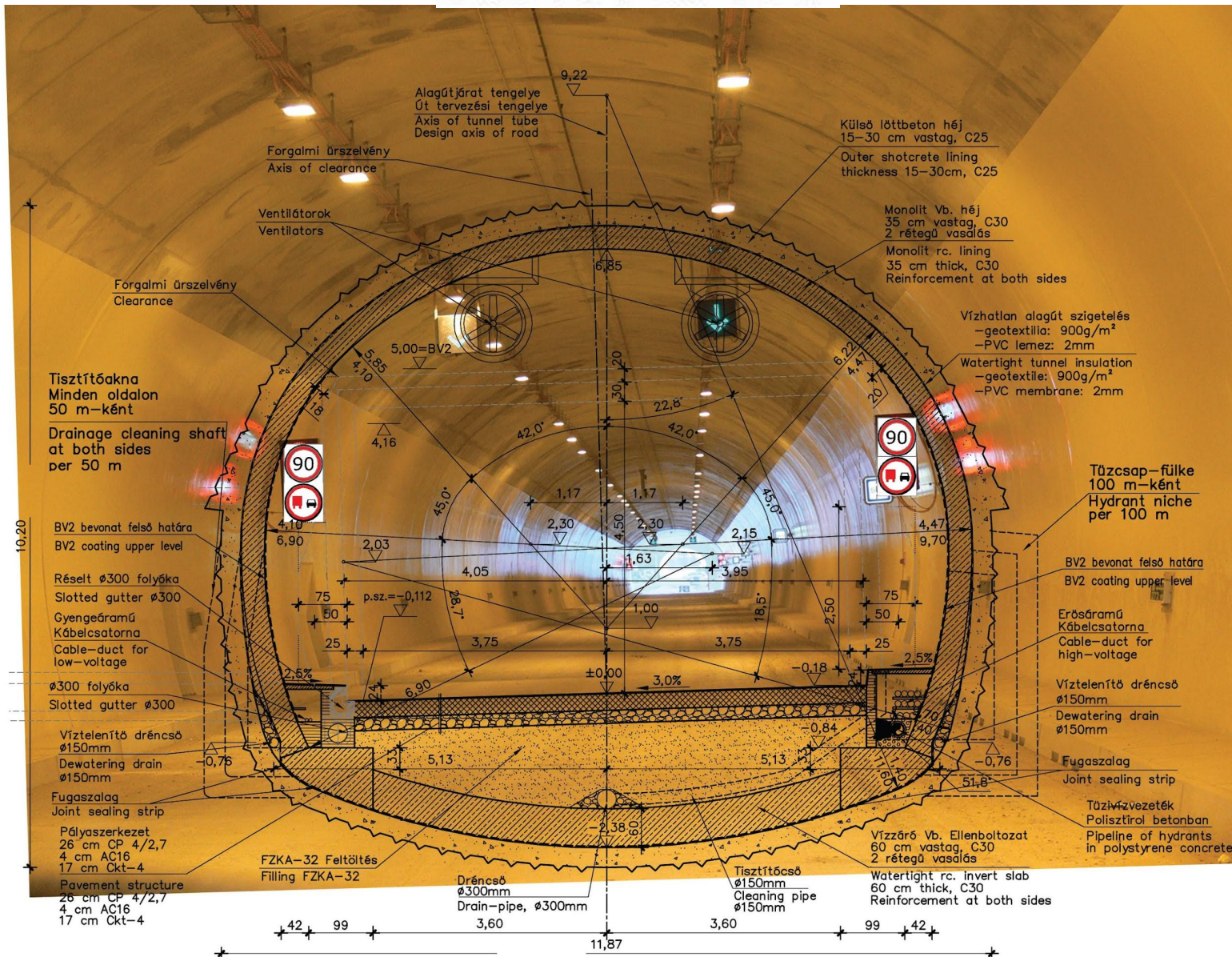






# Motorway tunnels M6

- Overall design and „as built” documentation,
- 4 pairs of motorway tunnels, in site concrete, excavated, reinforced, shotcreted supporting shell,
- 2x2 lanes with emergency bays, concrete carrieway structures,
- Tunnels are connected by viaducts (see the longest mentioned before) entirely designed by UNITEF'83 Zrt.,
- lengths (as per sections „A”: 1331m,,, „B” : 399m, „C” : 865m, „D” 418m, altogether 3013 m),
- Maximal height 5 m, unlimited usage, area of relevant cross-section 68 m<sup>2</sup>
- Pertaining Controlling station is located at Engineering Plant at Bátorfő (also designed by UNITEF'83 Zrt.)



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# Motorways

## □ M1

- Overall Design for extension to 2x3 lanes, Design for refurbishment, consortium with Utiber Zrt.
- Total length 32 km

## □ M3

- Various design levels, individually and some sections with consortium partners,
- Motorway design 2x2 lanes, overall length above 100 km,

## □ M6

- Overall Motorway design 2x2 lanes, M60 Motorway, tunnels and viaducts, junctions etc.
- Overall length : more than 78 km

## □ M0

- Various design levels, individually and some sections with consortium partners,
- Urban ring with 2x2 and 2x3 lanes, junctions, **overall design of more than 100 km,**

## □ Relating facilities of motorways

- Such as relating drainage design, motorway junctions, junction roads, overpasses, bicycle roads, Engineering Plants, etc.

**M1 AUTÓPÁLYA  
BUDAPEST (M0) - TATABÁNYA-ÚJVÁROS CSOMÓPONT  
KÖZÖTTI SZAKASZ FELÚJÍTÁSA**



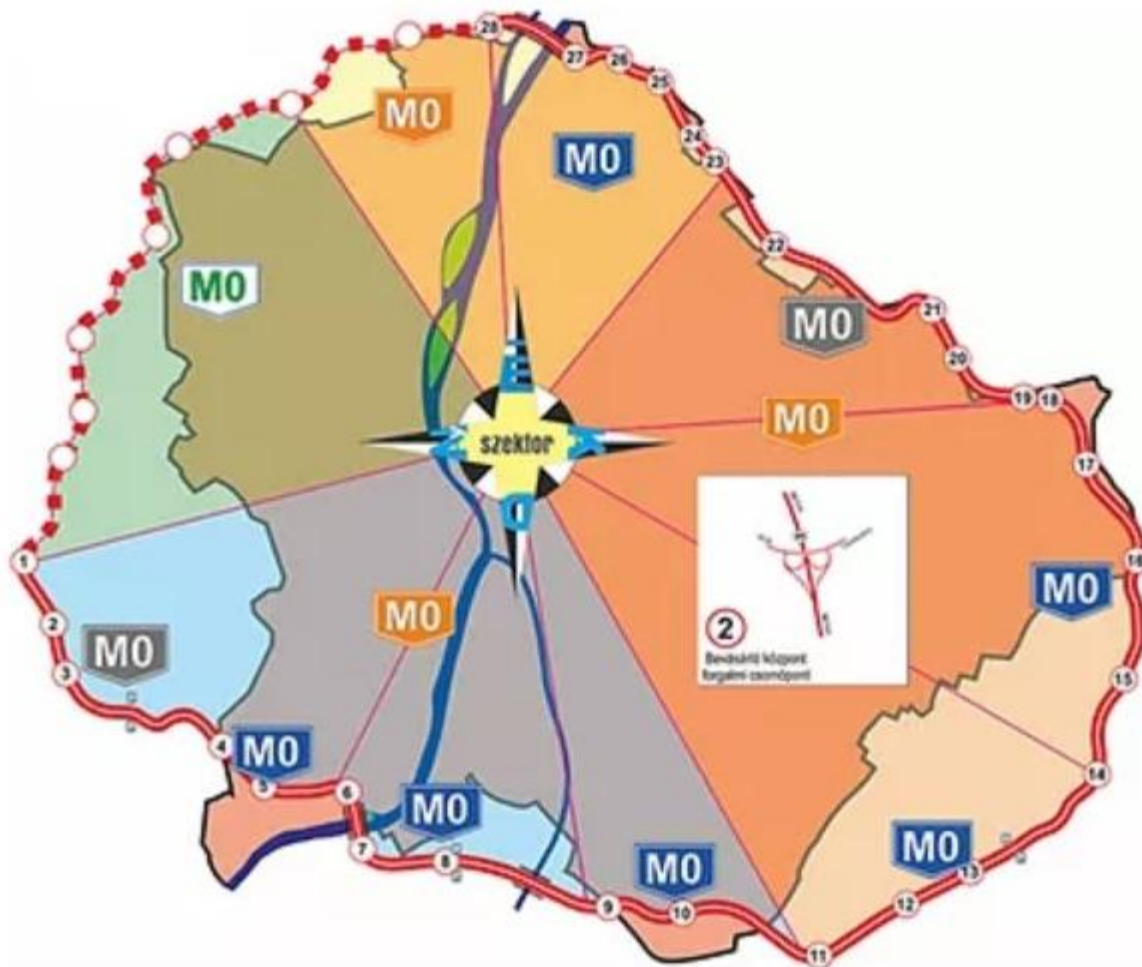
**45 KM-EN PLUSZ EGY FORGALMI SÁV LÉTESÜL OLDALANKÉNT**

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## Summary and closing remarks

- Relevant references
  - Approximately 1/3rd of the motorways built in Hungary
  - 2nd longest viaduct in Hungary (Szebényi v.h.)
  - Participation in 100 % of the Motorway tunnels design in Hungary
  - Participation in entire M0 ring (built AND in progress of design)
- Experience in Projects won through public procurement procedures, supported by EU
- Highly skilled and experienced Engineers
- Outstanding professional and technical resources