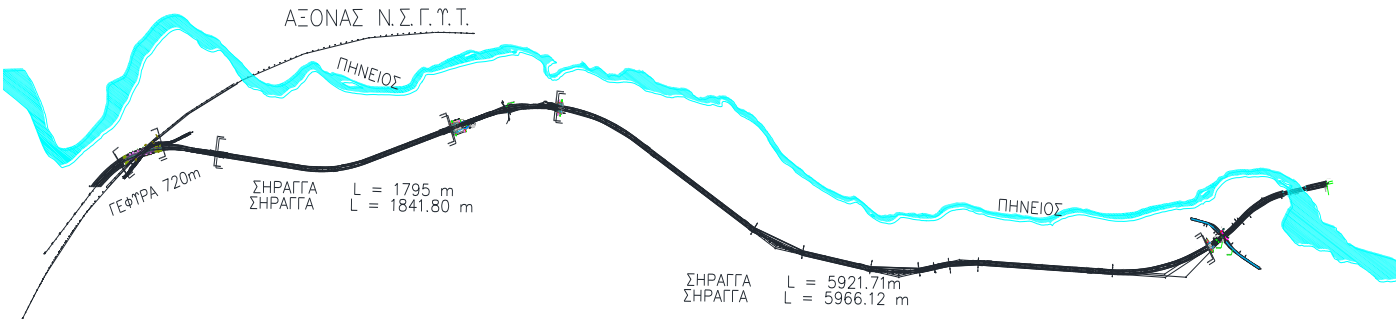
ΔΟΜΟΣΤΑΤΙΚΕΣ ΜΕΛΕΤΕΣ Α.Ε.
STRUCTURAL DESIGN S.A.

ASSIGNMENT NAME:	**Feasibility Study and Road Predesign of the Larissa - Thess/ki Motorway (section: End of Tempi Valley - Rapsani Interchange)**
Country:	GREECE
Location:	Tempi Valley
Client:	Ministry of Infrastructures, Transport and Networks
Start date (month / year):	1993
Completion date (month / year):	2003
Other members of partnership (if any):	**Topographical Design:** DIOLKOS TECHNIKI Ltd. **Geological Design:** Paraskevi Megalomastora **Geotechnical Design:** Edafomichaniki Ltd.
Consortium Leader:	G. Parigoris
Construction Cost (€):	6.645.000 €
Value of the Services provided /	930.000 € / 100%
Assignment state:	The predesign has been approved and construction has started under a BOT contract



Narrative description of Project:

Twelve preliminary solutions were proposed in total and the solution Z was chosen and designed in the final stage . It concerns a 2+2 lane cross section with an emergency lane of total length of 12.687 m.

At the start of the alignment the road axis is adjusted to the existing motorway.

Just before the Pinios river a 700m. overpass crosses the new railway line.

The settlement of Tempi is bypassed by a twin tunnel (1795m.-1841 m.)

Following the alignment of the existing National Road for 900m. we enter in the mountainous volume of Ossa with a twin tunnel of 5921m.-5966m. length (each branch). At the exit of the tunnels the alignment axis joins the existing part of the Athens –Thessaloniki Motorway

The design speed for the geometrical attributes of the chosen solution (Z) is Ve=100 km/h.

Description of services provided within the assignment:

1. Improvement of existing Larissa- Thessaloniki National Road
2. Preliminary solutions B2,Γ,Δ,Δ1,Δ2,E,E1,E2,Z,Z2
3. Feasibility studies
4. Predesign for the solutions Z and Z2