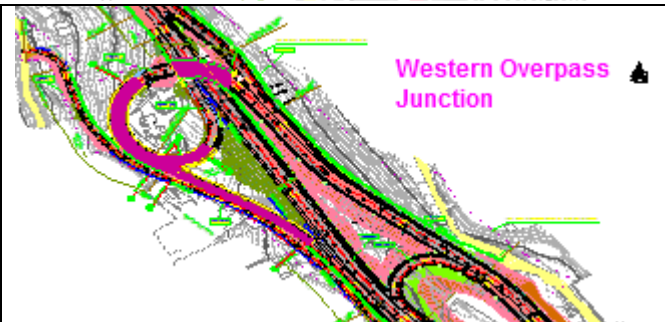
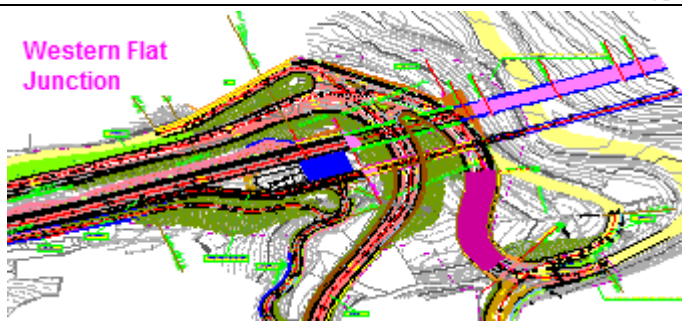
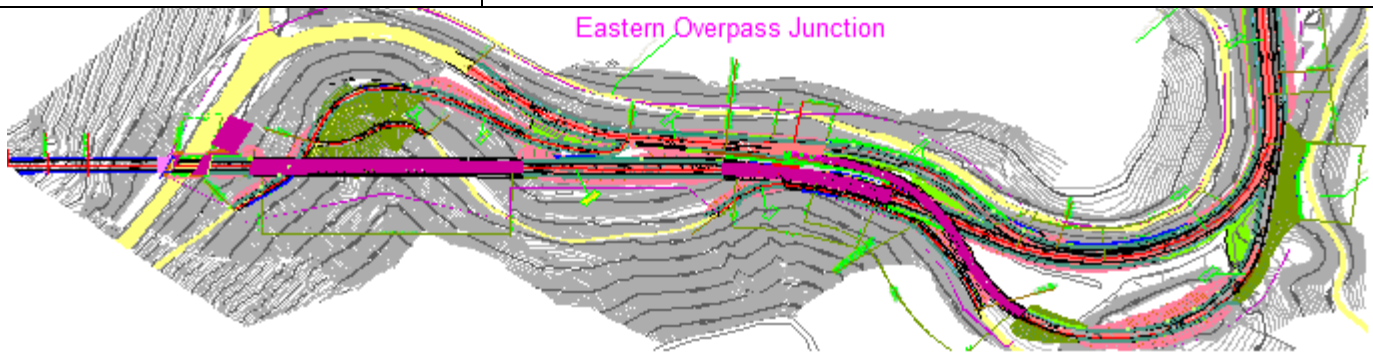


ASSIGNMENT NAME:	Design Completion of Arachova's Bypass
Country:	GREECE
Location:	Arachova
Client:	Ministry of Infrastructures, Transport and Networks
Start date (month / year):	09/2009
Completion date (month / year):	06/2011
Other members of partnership (if any):	E/M Design: Dektis Consultant Engineers LTD Hydraulic Design: Dedalos DESIGN Consultant Engineers LTD Topographic Design: E.T.ME. PEPPAS & ASSOCIATES LTD Geological Design: Feggaras Georgios Geotechnical Design: A.D.F. Consultant Geotechnical Engineers LTD
Consortium Leader:	G. Parigoris
Construction Cost (€):	27.058.443,00€
Value of the Services provided / Participation	624.234,00 € / 100%
Assignment state:	



Narrative description of Project:

Arachova Bypass' aim is to bypass the urban complex of Arachova so that anyone could easier move towards Delfi – Itsea as well as Parnasso's ski resorts etc. The Eastern Junction is situated northeast of Arachova connecting the main road with the highway, while the Western Junction is situated Northwest of Arachova settlement connecting the main road with the highway. A 1600m tunnel connects the Eastern with the Western access of Arachova. The whole project is developed in 3 main junctions:

Eastern Overpass Junction:

- Γ1 Bridge Total length 92,64m, 3 spans, superstructure : precast prestressed T-beams cross sections.
- Γ2 Bridge Total length 155,00m, 4 spans, superstructure : precast prestressed T-beams cross sections.
- Γ3 Bridge Total length 178,00m, 7 spans, superstructure : prestressed box-girder with seismic expansion joints.

Western Overpass and Flat Junction:

- Γ5 Bridge Total length 85,00m, 3 spans, box-girder
- Overpass Crossing KO2 (Γ6) Total length 39,00m - Cover & Cut.
- Γ7.1 Bridge Total length 76,00m, 3 spans. superstructure : box-girder.
- Γ7.2 Bridge Total length 101,00m, 4 spans. superstructure : box-girder.
- Γ7.8 Bridge Total length 14,20m, 1 span. Superstructure: box-girder
- Γ8 Bridge Total length 14,86m, 1 span. Superstructure: box-girder

Description of services provided within the assignment:

- Structural Predesign
- Final Structural Design